



D11P2030340     DATE 6/27/2011     International basis     B 3000000000000000000000000000000000000	2. CONTRACT NO.	3. AWARD/EFFECTIVE	4. ORDER			-	14 A Barren	-	
INFORMATION CALL: MICHAEL MICHAELANE CONTROL AND CONTR			4. ONDER	NUMBER	1 (1.4.) T 5 (1.4.) A 10 (3.4.)		JMBER		
a. ISSUED BY CODE 0000 10. THIS ACQUISITION IS 11. DELIVERY FOR POD DESTINATION 10 days 10 da									
NBC, ACQUISTION SERVACES DIVISION, BOISE BRANCH SOR E. MAILAND DR., STE 200 BOISE, D 63704-3691 TEL: (200) 75704 TEL:	9. ISSUED BY	CODE	00000	10. THIS ACQ	and the second sec	-	Comment of the state		the stand work over 1.1
300 E. MALLAND D.N., STE 200     SET ASIDE     000 Kron     300 Kr		Contractory of the second		UNREST	RICTED	1.0	FOB DESTINATION		a contraction of the second
SOLE MULAND DR, STE 200     SMALL BUSINESS     SEE SCHEDULE     days     average       BOISE, D 85706-3661     TEL: (200) 435-6020 ext.     SMALL BUSINESS     JSE SCHEDULE     days     average       BOISE, D 85706-3661     TEL: (200) 435-6020 ext.     SMALL BUSINESS     JSE SCHEDULE     days     average       FXX: (200) 435-6020 ext.     SKANDARD     SKANDARD     H.METHOD OF SOLICITATION       SKE CONTRACT ON     CODE     ext: 1     STANDARD     RFC     CODE       SKE CONTRACT SECTION A     SCE CONTRACT SECTION A     NCC. ACQUISTION SERVICES DIVISION, BOISE BRANCH       SCE CONTRACT ON CODE     FACULTY     TR. ADMINISTERED BY     CODE     00000       SEE CONTRACT ON CODE     FACULTY     ISE ANALAND DR., STE 200     00000       BOISE, D BS706-3001     BALLAND DR., STE 200     00000     00000       MID: DESIGNATED COR     FACULTY     ISE ANALAND DR., STE 200     00000       MID: OCORE     FACULTY     CODE     00000     NATIONAL BUSINESS CENTER       200 MCTavi Sh Rd NE     Canada     CORE     SEC ADDRESS SHOWN IN BLOCK 186 UNLESS BLOCK       210 MCT. ALBORT AND PUT SUCH ADDRESS IN     SEL OWIS CHECKER     SEC ADDRESS SHOWN IN BLOCK 186 UNLESS BLOCK       30 OFER     TEM NO.     BCHEDULE OF BUPPUEBGERVICES     211     22     22       10 OFER <td></td> <td>DIVISION, BOISE BRANCH</td> <td></td> <td>SET ASI</td> <td>DE: 0.00% F</td> <td></td> <td></td> <td></td> <td></td>		DIVISION, BOISE BRANCH		SET ASI	DE: 0.00% F				
BUSIE, ID 85706-3691 BUSIE, ID 85706-3691 TEL: (208) 433-5020 ext. FAX: (208) 433-5020 ext.	300 E. MALLARD DR., STE 200			SMAL					
AUSE. US DEVERTO TEL (201) 432-8009 ext. FAX: (203) 422-8009 ext.					and the second second			TRACT IS	ARATED
FAX: (303) 433-4030 emt.     SUE     N. METHOD OF SOLICITATION       16: DELIVER TO     CODE     ext     18: ADMINISTERED BY     CODE     DODE       16: DELIVER TO     CODE     ext     18: ADMINISTERED BY     CODE     DODE       16: DELIVER TO     CODE     ext     18: ADMINISTERED BY     CODE     DODE       16: DELIVER TO     CODE     MSC. ACQUISTION SERVICES DIVISION, BOXEE BRANCH     SO E     SO E       36: DESIGNATED RASE     SEE CONTRACTORY     CODE     PACILITY     INSC. ACQUISTION SERVICES DIVISION, BOXEE BRANCH       370: CONTRACTORY     CODE     PACILITY     INSC. ACQUISTION SERVICES DIVISION, BOXEE BRANCH       370: CONTRACTORY     CODE     PACILITY     INSC. ACQUISTION SERVICES DIVISION, BOXEE BRANCH       370: CONTRACTORY     CODE     PACILITY     INSC. ACQUISTION SERVICES DIVISION, BOXEE BRANCH       370: CONTRACTORY     CODE     PACILITY     INSC. ACQUISTION SERVICES     CODE       370: CONTRACTORY     ADD PUT SUCH ADDRESS IN     INSC. SCHEDULE OF SUPPLIES/SERVICES     INSC. SCHEDULE OF SUPPLIES/SERVICES     SEE ADDRENDING       170: CONTRACTORY     SCHEDULE OF SUPPLIES/SERVICES     QUANTITY     UNIT     UNIT PRICE     AMOUNT       170: MARD ANDORF AMED Additional States as Inscessenty     INIT     UNIT PRICE     AMOUNT       18: ACCOUNTING AMO ADDREM Additin	BOISE, ID 63706-3991					t	and the second se		
Are: (203) 633-600 ext.     STANDARD     RFQ     IFB     (RFP)       6. DELVER TO     CODE     ecc.     18. ADMINISTERED BY     CODE     00000       DESIGNATED CAR     NBC. ACQUISITION SERVICES DIVISION, BOISE BRANCH     SOCOE     00000       Atte: DESIGNATED COR     BUISE, D 83708-3391     CODE     CODE     00000       Trac CONTRACTOR     CODE     FACULITY     ISE. PAYMENT WILL BE MADE BY     CODE     00000       ME: DESIGNATED COR     CODE     FACULITY     ISE. PAYMENT WILL BE MADE BY     CODE     00000       Trac CONTRACTOR     CODE     FACULITY     ISE. PAYMENT WILL BE MADE BY     CODE     00000       ME: DESIGNATED COR     CODE     CODE     CODE     00000     00000       Trac CONTRACTOR     CODE     FACULITY     ISE. PAYMENT WILL BE MADE BY     CODE     00000       YFEROR     CODE     CODE     CODE     CODE     00000     00000       TRE CARTAGE SCHORE     FACULITY     ISE. SUBMIT HAVICES TO ADDRESS SHOWN IN BLOCK ISE UNLESS BLOCK     BELOW IS CHECKRED     SEE ADDENDUM       TRE MIND.     SCHEDULE OF BUPPULEBRERVICES     QUANTITY     INT     UNIT     UNIT       UNIT FRICE     NOUNT     GUANTITY     UNIT     INTER MOD     AMOUNT       ITEM NO.     SCHEDULE OF BUPP	TEL: (208) 433-5020 ext.			11 CAN 2 ST 158	211	h	A METHOD OF SOL	CITATION	
6. DELIVER TO       CODE       Bestimated pase       CODE       00000         DESIGNATED PASE       SEE CONTRACT SECTION A       NBC, ACQUESTION SERVICES DIVISION, BOISE BRANCH       SOCE       00000         Atte: DESIGNATED COR       BOISE, D 83708-3981       BOISE, D 83708-3981       CODE       00000         Atte: DESIGNATED COR       FACUITY       Isa. PAYMENT WILL BE MADE BY       CODE       00000         YEEROR       CODE       FACUITY       Isa. PAYMENT WILL BE MADE BY       CODE       00000         YEEROR       CODE       FACUITY       Isa. PAYMENT WILL BE MADE BY       CODE       00000         YEEROR       CODE       FACUITY       One of the Sectores       CODE       00000         YEEROR       CODE       FACUITY       CODE       ORDER TERMINED AND PUT SUCH ADDRESS IN       NBLOKY IS UNALESS BLOCK         290       MCTavish Refer TAME TAND PUT SUCH ADDRESS IN       BELOW IS CHECKED       SEE ADDREDUM       SEE ADDREDUM         10.       OFFER       20.       SCHEDULE OF BUPPLIES/BERVICES       21.       XIT       UNIT PRICE       AMOUNT         10.       GUBS REVERSE BENGY Allegt Additional States En Necessent)       22.       21.       XIT       XIT       XIT       XIT         10.00000000000000000000000000000000000	FAX: (208) 433-5030 ent.					1			
DESIGNATED BASE     NBC, ACQUISITION SERVICES DIVISION, BOISE BRANCH       SEE CONTRACT SECTION A     NBC, ACQUISITION SERVICES DIVISION, BOISE BRANCH       SOE E. MALLARD DR., STE 200     BDISE, D 83708-3981       Adm: DESIGNATED COR     BDISE, D 83708-3981       To: CONTRACTORY     CODE       Yee CONTRACTS SECTION A     NATIONAL BUSINESS CENTER       Office of the Secretary - Ath D 2770, 7301 W Manafold Ave     Daver, CO 2023-230       The WILL REAL MERCH AND PUT SUCH ADDRESS IN     SEE ADDRESS SHOWN IN BLOCK 198 UNLESS BLOCK       SEE ADDENDUM     SCHEDULE OF SUPPLIES/SERVICES     QUANTITY       VINIT     UNIT PRICE     AMOUNT       UBB Reserve and/or Allieth Additional States as Necessant/     ZI       ACCOUNTING AND APPROPRIATION AND AVERT Additional States as Necessant/     ZI       ACCOUNTING AND PROPREPARTY AMOUNT Addites Additional States as Necessant/     ZI	5. DELIVER TO	CODE	Nect		ERED BY	_		- 2 2	Band .
7x. CONTRACTOR       CODE       FACULITY       184. PAYMENT WILL BE MADE BY       CODE       D0080         IFFEROR       Borek Air, Ltd.       NATIONAL BUSINESS CENTER       Office of the Secondary - Atm D-2770, 7301 W ManaBed Ave         290 McTavish Rd NE       Office of the Secondary - Atm D-2770, 7301 W ManaBed Ave       Denver, CD 80235-2230         Calgary, Alberta, Canada       Elemone Ko, 74.02, 0.91, -2200       The Check if Rebit MARCE IS OFFERENT AND PUT SUCH ADDRESS IN       Tel: SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 166 UNLESS BLOCK         OFFER       SCHEDULE OF SUPPLIEB/SERVICES       QUANTITY       UNIT       UNIT       AMOUNT         19.       SCHEDULE OF SUPPLIEB/SERVICES       QUANTITY       UNIT       UNIT       AMOUNT         19.       CODUPTING AND APPROPRY AND Additional Shades as Necessary)       Interview No.       22, TOTA, AWARD AMOUNT, Englishing Additional Shades as Necessary)         1. ACCOUNTING AND APPROPRY AND AVX.       22, TOTA, AWARD AMOUNT, Englishing Additional Shades as Necessary)       24, TOTA, AWARD AMOUNT, Englishing Additional Shades as Necessary)       25, TOTA, AWARD AMOUNT, Englishing Additional Shades as Necessary)	SEE CONTRACT SECTION A			300 E. MALL	ARD OR., STE 20	IS DIV	ISION, BOISE BRANK	СН	
Martinian     Code     NATIONAL BUSINESS CENTER     Code [ dots]       290 McTavish Rd NE     Calagary, Alberta, Canada     Office of the Secondary - Alth D-2770, 7301 W Manafold Ave       Calgary, Alberta, Canada     Deriver, CD 60235-2230       The CHECK IF REMITTANCE S DIFFERENT AND PUT SUCH ADDRESS IN     18b. SUBMET INVOICES TO ADDRESS SHOWN IN BLOCK 16e UNLESS BLOCK       OFFER     SCHEDULE OF BUPPLIEB/SERVICES     18b. SUBMET INVOICES TO ADDRESS SHOWN IN BLOCK 16e UNLESS BLOCK       16.     SCHEDULE OF BUPPLIEB/SERVICES     21       17.     SCHEDULE OF BUPPLIEB/SERVICES     QUANTITY     22       18.     SCHEDULE OF BUPPLIEB/SERVICES     QUANTITY     21       19.     SCHEDULE OF BUPPLIEB/SERVICES     QUANTITY     21       19.     SCHEDULE OF SUPPLIEB/SERVICES     QUANTITY     22       19.     SCHEDULE OF SUPPLIEB/SERVICES     QUANTITY     21       19.     SCHEDULE OF SUPPLIEB/SERVICES     21     AMCOUNT       19.     SCHEDULE OF SUPPLIEB/SERVICES     25. JOTAL AWARD AMCOUNT     25. JOTAL AWARD AMCOUNT	7a. CONTRACTORY CODE			184 PAYMEN	TWILL BE MADE	BY		-	and arrive
290 McTavish Rd NE     Office of the Sacrelary - Allo D-2770, 7301 W Marsfeld Ave       Calgary, Alberta, Canada     Darwer, C0 80235-2230       Intermediation     20, 12,000       TRM NO.     SCHEDULE OF SUPPLIES/SERVICES       OFFER     20, 21, 22, 23, 24, 34, 34, 35, 36, 36, 36, 36, 36, 36, 36, 36, 36, 36	FFEROR	CODE		and the second second				C	ODE 00080
Calgary, Alberta, Canada  LEPHONE NO. //02) 201 2200  Th. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN  THE SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK IBS UNLESS BLOCK  SEE ADDENDUM  SEE ADDENDUM  SEE ADDENDUM  (UNIT PRICE  CUB Reverses motion Allingh Additional Shareh as Necessanty)  ACCOUNTING AND APPROPRIATION DATA 2011. WI. 5782.252L. NONFT. 466A24.1B: \$1.00  CUB Reverses motion Allingh Additional Shareh as Necessanty)  ACCOUNTING AND APPROPRIATION DATA 2011. WI. 5782.252L. NONFT. 466A24.1B: \$1.00  CUB Reverses motion Allingh Additional Shareh as Necessanty)  CACCOUNTING AND APPROPRIATION DATA 2011. WI. 5782.252L. NONFT. 466A24.1B: \$1.00  CUB Reverses motion Allingh Additional Shareh as Necessanty)  COUNTING AND APPROPRIATION DATA 2011. WI. 5782.252L. NONFT. 466A24.1B: \$1.00  CUB Reverses motion Allingh Additional Shareh as Necessanty)									
ELEPTIONE NO. //(0.2) 201 2200         The CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN         TELE SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK IBS UNLESS BLOCK         DEFER       SEE ADDRIDUM         UNIT         SEE ADDRIDUM         UNIT         UNIT         UNIT         UNIT         UNIT         UNIT         UNIT         UNIT         UN	Calgary, Alberta	. Canada				1		~	
OFFER     BELOW IS CHECKED     SEE ADDENDUM       19. NO.     SCHEDULE OF SUPPLIES/SERVICES     QUANTITY     22. 23. 24. 24. 25. 25. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25	ELEPHONE NO. (102) 20	1 1200		1.1					
ITEM NO.     SCHEDULE OF BUPPLIEB/SERVICES     QUANTITY     UNIT     UNIT     UNIT PRICE     AMOUNT       Uses Baverase and/or Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as Necessary     Image: Comparison of the Attach Additional Shade as		UIFFERENT AND PUT SUCH AD	DRESS IN	185. SUBMIT I	NVOICES TO AD	ORES			SS BLOCK
Use Browne motor Attach Additional Sharts as Necessany) ACCOUNTING AND APPROPRATION DATA 2011. W1.6782.252L. NONFT.466A24.1B: \$1.00	10		-	BELOW	S CHECKED	1.1	SEE ADDENDU	M	
ACCOUNTING AND APPROPRIATION DATA 2011.WI.6782.252L.NONFT.466A24.IB: \$1.00			SERVICES	SELOWI	21		23.		
			SERVICES	SELOWI	21		23.		
	ITEM NO.	SCHEDULE OF SUPPLIES			21		23. UNIT PR	ICE	AMOUNT
	USE RE USE ACCOUNTING AND APPROPR 2011 - WI 27s. SOLICITATION INCORPOR	SCHEDULE OF SUPPLIESS WROW MINIST Attach Additional Sha WTON DATA . 6782.252L.NONFT. TATES BY REFERENCE FAR 523	466A24 - 212-1, 52212-	IB: \$1. 4.FAR 522123	21 QUANTITY 00 AND 52 212-5 AR		23. UNIT PR UNIT PR 25. TOTAL AWARE ESTIMATE ACHED. ADDENDA	AMCINT d:	AMOUNT
27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR \$2,2124. FAR \$2,2126 IS ATTACHED. ADDENDA	UHE RE LACCOUNTING AND APPROPR 2011 - WI 276. SOLICITATION INCORPOR 275. SOLICITATION INCORPOR 275. SOLICITATION INCORPOR	SCHEDULE OF SUPPLIESS WRON BINGNY Attach Additional Sha ATION DATA . 6782.252L.NONFT. RATES BY REFERENCE FAR 52 RDER INCORPORATES BY REF	466A24 - 212-1, 82212- FRENCE FAR	IB: \$1. 4. FAR 522123/ 522124. FAR 6	21 QUANTITY 00 00 AND 52 212-5 AR 2212-6 IS ATTAI	UNIT	23. UNIT PR UNIT PR 25. TOTAL AWART ES LIMA LO ACHED. ADDENDA ADDENDA	AMQ HA	ANOUNT
Z7L CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR \$22124. FAR 522125 IS ATTACHED. ADDENDA     Z ARE ARE NOT ATTACHED. ADDENDA     Z ARE ARE NOT ATTACHED. ADDENDA     Z ARE ARE NOT ATTACHED.     ZONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURNCOPIES     TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS     SET FORTH OR GTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS     INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH	UMA BIT I. ACCOUNTING AND APPROPR 2011 . WI 27s. SOLICITATION INCORPOR 27b. CONTRACT/PURCHASE O CONTRACTOR IS REQUIRED TO 15SUING OFFICE CONTRA TO ISSUING OFFICE CONTRA SET FORTH OR OTHERWASE I	SCHEDULE OF SUPPLIESS WERE Instant Attack Additional Sha ATION DATA 0782.252L.NONFT. TATES BY REFERENCE FAR \$2 RDER INCORPORATES BY REF D SIGN THIS DOCUMENT AND R CTOR AGREES TO FUNCH AN DENTIFIED ABOVE AND ON ANY	466A24 212-1, 82-212- ERENCE FAR NO DELIVER A VADDITIONAL	IB: \$1. 4. FAR 522123/ 422124. FAR 6 	21 QUANTITY QUANTITY 00 AND 52212-5 AR 2212-5 IS ATTAI DATED INCLUDING ANY	UNIT CHED. TRACT	28. TOTAL AWARD 28. TOTAL AWARD ESCIMATE ACHED. ADDENDA ADDENDA CREF. YOUR OFFER D TIONS OR CHANGE		ANOUNT
27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-6 IS ATTACHED. ADDENDA               ARE I ARE NOT ATTACCORDER TO SIGN THIS DOCUMENT AND RETURNCOPIES             TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS             SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS             SUBJECT 36 THE TERMS AND CONDITIONS SPECIFIED HEREIN.	UNO. (UNO RE UNO RE ACCOUNTING AND APPROPR 2011 . WI 271. SOLICITATION INCORPOR 271. SOLICITATION INCORPOR 272. SOLICITATION INCORPOR 273. SOLICITATION INCORPOR 275. SOLICITATION INCORPOR	SCHEDULE OF SUPPLIESS WASE Intelies Allinet Additional Sha ATION DATA . 6782.252L.NONFT. RATES BY REFERENCE FAR 52. RDER INCORPORATES BY REF D SIGN THIS DOCUMENT AND R CTOR AGREES TO FUNSH AN CONDITIONS SPECIFIED HERE	466A24 212-1, 82-212- ERENCE FAR NO DELIVER A VADDITIONAL	IB: \$1. 4. FAR 522123. 4. FAR 522124. FAR 6 COPIES 29. / ML ITEMS SHEETS	21 QUANTITY	UNIT	23. UNIT PR UNIT PR 25. TOTAL AWART ESTIMATE ACHED. ADDENDA ADDENDA TREF. VOUR OFFER O TONS OR CHANGE DAS TO ITEMS:		ANOUNT
27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-6 IS ATTACHED. ADDENDA       Image: Contraction of the contraction.         CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN       COPIES         TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS       29. AWARD OF CONTRACT; REF.       OFFER         SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS       DATED       YOUR OFFER ON SOLICITATION (BLOCK 5), Including any ADDITIONS OR CHANGES WHICH ARE SET FORTH         SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.       INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH         INSIGNATION OFFERORICONTRACTOR       314. UNITED STATES OF THE CONTRACTING OFFICIAL INFORMATION OF CONTRACTING OFFICIAL INFORMATION OF CONTRACTING OFFICIAL INFORMATION OF CONTRACTING OFFICIAL INFORMATION OF CONTRACTING OFFICIAL INFORMATION OFFICIAL INFOR	UHE RE (UHE RE LACCOUNTING AND APPROPR 2011 . WI 27s. SOLICITATION INCORPOR 27b. CONTRACT/PURCHASE O CONTRACTOR IS REQUIRED TO TO ISSUING OFFICE CONTRA SET FORTH OR OTHERWISE I SUBJECT TO THE TERMS AND	SCHEDULE OF SUPPLIESS WREE INSUS Attach Additional Sha ATION DATA . 0782.252L.NONFT. RATES BY REFERENCE FAR 523 RDER INCORPORATES BY REF O SIGN THIS DOCUMENT AND R CTOR AGREES TO FURNISH AN DENTIFIED ABOVE AND ON ANY D CONDITIONS SPECIFIED HERE NTRACTOR	466A24. 212-1, 82.212- ERENCE FAR NO DELIVER A Y ADDITIONAL	IB: \$1. 4. FAR 52212-3. 4. SAEETS SHEETS 318.	21 QUANTITY QUANTITY OUANTITY 00 00 AND 52212-5 AR 2212-6 IS ATTAI WARD OF CON DATED INCLUDING ANY HEREIN, IS ACC UNITED STATES		23. UNIT PR 25. TOTAL AWART ES LIMA LO ACHED. ADDENDA ADDENDA F. REF. YOUR OFFER O TONS OR CHANGED DAS TO ITEMS: MERICA (SIGNATUR)	AMOLICIT ARE OF COM	ANOUNT
27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR \$2,212-4. FAR \$2,212-6 IS ATTACHED. ADDENDA       Image: Contraction of the contraction.         CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN       COPIES         TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND RETURN       COPIES         SET FORTH OR OTHERWASE IDENTIFIED ABOVE AND ON AND ADDITIONAL SHEETS       DATED       YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO CONTRACTOR         SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.       INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO CONTRACTOR         SIGNATORE OF OFFERORICONTRACTOR       31a. UNITED STATES OF AMERICA, (SIGNATURE OF CONTRACTING OFFICE)	USB REAL MARTINE AND APPROPRIATION INCORPOR 2011 - WI 278. SOLICITATION INCORPOR 275. CONTRACTOR IS REQUIRED TO TO ISSUING OFFICE CONTRA SET FORTH OR OTHERWISE I SUBJECT TO THE TERMS AND SUBJECT TO THE TERMS AND	SCHEDULE OF SUPPLIESS WESP Intology Allinch Additional Sha ATION DATA 10702.252L.NONFT. SATES BY REFERENCE FAR \$2,1 RDER INCORPORATES BY REF D SIGN THIS DOCUMENT AND R CTOR AGREES TO FUNCH AND DENTIFIED ABOVE AND ON ANY CONDITIONS SPECIFIED HERE NTRACTOR (Type or print) 31	466A24. 212-1, 82.212- ERENCE FAR NO DELIVER A Y ADDITIONAL EIN.	IB: \$1. 4. FAR 522123. 42.212-4. FAR 5 2212-4. FAR 5 2212-4. FAR 5 31a. 31a. NED 31b. <sup>4</sup>	21 QUANTITY		23. UNIT PR UNIT PR 25. TOTAL AWARU ES LIMA LO ACHED. ADDENDA ADDENDA TONS OR CHANGED DAS TO ITEMS: MERICA (SIGNETION MERICA (SIGNETION MERICA (SIGNETION MERICA (SIGNETION	AMOLICIT ARE OF COM	ANOUNT

Prescribed by GSA - FAR (48 CFR) 53,212

19,	_		20					Page 2 of 3
ITEM NO.		SCHEDULE OF	20. SUPPLIES/SE	RVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
							-	
Aca -	2						<u>X</u>	
					8	2		
1								
								1
a. QUANTITY IN (								
	_			CONFORMS TO THE	CONTRACT EXCE		D	
Sec. 1								
SIGNATURE OF							LE OF AUTHORIZED	COVERNMENT
b. SIGNATURE OF REPRESENTA		ZED GOVERNMENT		32c. DATE	32d. PRINTED NA REPRESEN			JOVERNMENT
		ZED GOVERNMENT		JZC DATE				JOVERIMENT
REPRESENTA		THORIZED GOVERNMEN		ю. К	REPRESEN			RNMENT REPRESENTATIV
REPRESENTA		t	ENT REPRESE	ю. К	REPRESEN 321. TELEPHONE	NUMBER O	F AUTHORIZED GOVE	RNMENT REPRESENTATIV
REPRESENTA		t	ENT REPRESE	ю. К	REPRESEN 321. TELEPHONE	NUMBER O		RNMENT REPRESENTATIV
REPRESENTA	ESS OF AL	t	35. /	NTATIVE MOUNT VERIFIED	REPRESEN 321. TELEPHONE	NUMBER O	F AUTHORIZED GOVE	RNMENT REPRESENTATIV
REPRESENTA	ESS OF AL	ITHORIZED GOVERNMI	35. /	NTATIVE	REPRESEN 32f. TELEPHONE 32g. E-MAIL OF A	NUMBER O	F AUTHORIZED GOVE	RNMENT REPRESENTATIV
REPRESENTA MAILING ADDR SHIP NUMBER PARTIAL	ESS OF AL	ITHORIZED GOVERNMI	35. / COR	NTATIVE MOUNT VERIFIED	REPRESEN 321. TELEPHONE 32g. E-MAIL OF AI 36. PAYMENT	NUMBER O	F AUTHORIZED GOVE	RNMENT REPRESENTATIV
REPRESENTA e. MAILING ADDR . SHIP NUMBER PARTIAL . S/R ACCOUNT N	FINAL UMBER	JTHORIZED GOVERNM 34. VOUCHER NUMBER 39. S/R VOUCHER NUM	35. / COR IBER 40. F	MOUNT VERIFIED RECT FOR PAID BY	REPRESEN		F AUTHORIZED GOVE	RNMENT REPRESENTATIV
REPRESENTA 20. MAILING ADDR 0. SHIP NUMBER PARTIAL 3. S/R ACCOUNT N 41a, I CERTIFY TH	FINAL UMBER	JTHORIZED GOVERNMI 34. VOUCHER NUMBER	IBER 40. F	MOUNT VERIFIED RECT FOR PAID BY	REPRESEN 321. TELEPHONE 32g. E-MAIL OF AI 36. PAYMENT		F AUTHORIZED GOVE	RNMENT REPRESENTATIV
REPRESENTA 20. MAILING ADDR 0. SHIP NUMBER PARTIAL 3. S/R ACCOUNT N 41a, I CERTIFY TH	FINAL UMBER	JTHORIZED GOVERNM 34. VOUCHER NUMBER 39. S/R VOUCHER NUM	IBER 40. F	MOUNT VERIFIED RECT FOR PAID BY AYMENT DATE	REPRESEN	NUMBER O UTHORIZED	F AUTHORIZED GOVE	RNMENT REPRESENTATIV
20. MAILING ADDR D. SHIP NUMBER PARTIAL D. S/R ACCOUNT N 41a, I CERTIFY TH	FINAL UMBER	JTHORIZED GOVERNM 34. VOUCHER NUMBER 39. S/R VOUCHER NUM	IBER 40. F	MOUNT VERIFIED RECT FOR PAID BY AYMENT DATE	REPRESEN	NUMBER O UTHORIZED	F AUTHORIZED GOVE	RNMENT REPRESENTATIVE

STANDARD FORM 1449 (REV. 4/2002) BACK

Line Item Summary	Document Number D11PC30340	Title NSF FW Antarctica			Page 3 of 3
Total Funding:       \$1.0         FYs       Fund       Budge         2011       WI       6782         Division       Closed FYs	t Org Sub Object Class Su 252L	<b>ib Program Cost</b> NONFT		Proj/Job No. Sub 486A24	Reporting Category IB
Line Item Number Description		ery Date ate to End Date) Quant	Unit of Ity Issue	Unit Price	Total Cost (Includes Discount
0001		1.	00 EA	\$1.000	\$1.0
Funding Information: 2011 WI - 6782 252L N \$1.00	ONFT 466A24 18				
		17			
				Total Cost:	\$1.0

## TABLE OF CONTENTS

<b>A1</b>	SCHEDULE OF ITEMS	4
A2	CONTRACTOR'S OPERATING BASES / DELIVERY POINTS	4

BI GENERAL REQUIREMENTS	
B2 OPERATIONS	
B3 PERSONNEL REQUIREMENTS	
B4 AIRCRAFT REQUIREMENTS	
B5 AVIONICS REQUIREMENTS	
B6 MAINTENANCE REQUIREMENTS	
B7 FUEL AND SERVICING REQUIREMENTS	
B8 CONSERVATION OF ANTARCTIC ANIMALS AND PLANTS	
B9 ANTARCTIC WASTE MANAGEMENT	
B10 ANTARCTIC METEORITES	
B11 REQUIRED MEETINGS	
B12 POST AWARD CONFERENCE	
B13 PACKAGING AND SHIPPING	
B14 SHIPPING TO MCMURDO STATION, ANTARCTICA	

C1 CONTRACT TERMS AND CONDITIONS - COMMERCIAL ITEMS	45
C2 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES EXECUTIVE ORDERS – COMMERCIAL ITEMS	
ADDENDA TO CONTRACT TERMS AND CONDITIONS	52
C3 INSPECTIONS / ACCEPTANCE	52
C4 DESIGNATED BASES	54
C5 EXCLUSIVE USE PERIOD	54
C6 UNAVAILABILITY, DAMAGES, AND FAILURE TO PERFORM	55
C7 MEASUREMENT, PAYMENT AND GUARANTEE	55
C8 GOVERNMENT-FURNISHED PROPERTY	
C9 GOVERNMENT-FURNISHED OFFICE SPACE, FURNISHINGS AND SERVICES	57
C10 AFTER-OPERATIONS REPORT	58
C11 CONTRACTOR DATA REQUIREMENTS	59
C12 FAR CLAUSES INCORPORATED BY REFERENCE	60
C13 CONTRACTS	60
C14 AUTHORITY OF GOVERNMENT PERSONNEL	60

## **TABLE OF CONTENTS**

C15 CONTRACTOR'S ON-SITE MANAGER
C16 CHOICE OF LAW
C17 SAFETY AND ACCIDENT PREVENTION
C18 MISHAPS
C19 REPLACEMENT OF PERSONNEL - CONTRACTOR PERSONNEL CONDUCT
C20 BILLING AND PAYMENT REQUIREMENTS
C21 HOLIDAYS AND LEAVE
C22 PERSONNEL SECURITY REQUIREMENTS
C23 MEDICAL AND DENTAL QUALIFICATION OF CONTRACTOR PERSONNEL
C24 CONTRACT PERIOD
C25 OPTION TO EXTEND THE TERM OF THE CONTRACT
C26 OPTION TO EXTEND SERVICES
C27 UNILATERAL EXTENSION OF EXCLUSIVE USE PERIOD
C28 AVAILABILITY OF FUNDS
C29 INCREMENTALLY-FUNDED FIXED-PRICE CONTRACT
C30 LIMITATION OF GOVERNMENT'S OBLIGATION (
C31 INSURANCE AND ECONOMIC PRICE ADJUSTMENT
C32 ADDITIONAL PAY ITEMS
C33 NOTICE OF CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM 71
C34 IDENTIFICATION OF CONTRACT EXHIBITS AND ATTACHMENTS

#### A1 SCHEDULE OF ITEMS

#### SCHEDULE A - CONTRACT LINE ITEM NUMBERS (A-CLINs)

clin a1 - <mark>(b) (4)</mark>				
DESCRIPTION				
Designated Base:	All equipme to and remo			
Exclusive Use Period:	(b) (4)			

All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

(b) (4) Aircraft will be ordered each year beginning on or about 15 Oct each year and ending on or about February 15 the following year.

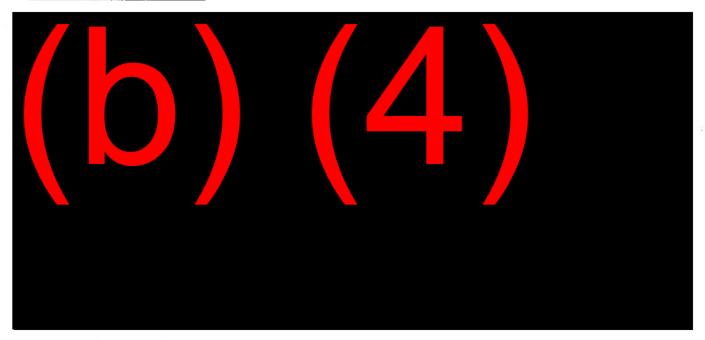
equipped as specified in Section B.

Aircraft Requirement:

Crew Requirements:

One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1)

#### Minimum Aircraft Requirements



Mechanic.

#### CLIN A1 PRICING YEAR 1

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
Al.aa	Daily Availability	AV	(b) (4)	DAYS		
A1.ab	Flight Hours	FT	()	FLIGHT HOURS		
A1.ac	Additional Days – Availability	AV		DAYS		
A1.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ae	Demobilization from McMurdo Station	SC		LUMP		

**BASE YEAR - ESTIMATED TOTAL 2012** 

\*Can be ordered-up in one day increments, in accordance with paragraph C27. Contract D11PC30340 - NSF Antarctica 4

6/27/2011

# CTION A DECLID

YEAR 2

## SECTION A - REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ba	Daily Availability	AV	(b) (4)	DAYS		
A1.bb	Flight Hours	FT		FLIGHT HOURS		
A1.bc	Additional Days – Availability	AV		DAYS		
A1.bd	Mobilization to McMurdo Station	SC 1		LUMP SUM		
A1.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

YEAR	3					
CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ca	Daily Availability	AV	(b) (4)	DAYS		
A1.cb	Flight Hours	FT	( ) ( )	FLIGHT HOURS		
A1.cc	Additional Days - Availability	AV		DAYS		
A1.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ce	Demobilization from McMurdo Station	SC		LUMP		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

CLINA	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.da	Daily Availability	AV	(b) (4)	DAYS		
A1.db	Flight Hours	FT		FLIGHT HOURS		
A1.dc	Additional Days – Availability	AV		DAYS		
A1.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.de	Demobilization from McMurdo Station	SC		LUMP		

#### **OPTION YEAR 3 - ESTIMATED TOTAL 2015**

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ea	Daily Availability	AV	(b) (4)	DAYS		
A1.eb	Flight Hours	FT		FLIGHT HOURS		(4
Al.ec	Additional Days – Availability	AV		DAYS		
1.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ee	Demobilization from McMurdo Station	SC		LUMP		

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN AI

# CLIN A2 -

Designated Base:

Exclusive Use Period:

Aircraft Requirement:

Crew Requirements:

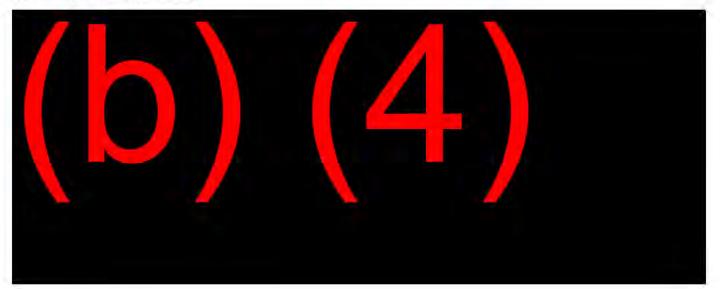
All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica



equipped as specified in Section B.

One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

#### **Minimum Aircraft Requirements**



#### **CLIN A2 PRICING**

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.aa	Daily Availability	AV	(b) (4)	DAYS		
A2.ab	Flight Hours	FT	() ( -)	FLIGHT HOURS	$(\mathbf{b})$	(4.)
A2.ac	Additional Days – Availability	AV		DAYS		
A2.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

**BASE YEAR - ESTIMATED TOTAL 2012** 



CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ba	Daily Availability	AV	(b) (4)	DAYS		
A2.bb	Flight Hours	FT	()	FLIGHT HOURS		( <u> </u>
A2.bc	Additional Days – Availability	AV		DAYS		
A2.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ca	Daily Availability	AV	(b) (4)	DAYS		
A2.cb	Flight Hours	FT	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	FLIGHT HOURS		
A2.ce	Additional Days – Availability	AV		DAYS		
A2.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 2 - ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.da	Daily Availability	AV	(b) (4)	DAYS		
A2.db	Flight Hours	FT		FLIGHT HOURS		
A2.dc	Additional Days – Availability	AV		DAYS		
A2.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.de	Demobilization from McMurdo Station	SC		LUMP SUM		

#### **OPTION YEAR 3 – ESTIMATED TOTAL 2015**

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ea	Daily Availability	AV	(b) (4)	DAYS		
A2.eb	Flight Hours	FT		FLIGHT HOURS		
A2.ec	Additional Days Availability	AV		DAYS		
A2.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ee	Demobilization from McMurdo Station	SC		LUMP		

## **OPTION YEAR 4 – ESTIMATED TOTAL 2016**

#### TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A2

(4)

(b)

# CLIN A3 -(b)

Designated Base:All equipment, facilities, and personnel required under this contract shall be delivered<br/>to and removed from McMurdo Station, AntarcticaExclusive Use Period:(b) (4)Aircraft will be ordered each year between the<br/>dates of 15 Oct and 15 Feb the following year. Additional Days can be ordered-up<br/>in one-day increments.Aircraft Requirement:(b) (4)equipped as specified in Section B.Crew Requirements:One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One<br/>Mechanic.

#### Minimum Aircraft Requirements



# CLIN A3 PRICING (b) (4)

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.aa	Daily Availability	AV	(b) (4)	DAYS	11 \	
A3.ab	Flight Hours	FT	(~) (+)	FLIGHT HOURS		( <b>4</b> )
A3.ac	Additional Days – Availability	AV		DAYS		
Á3.ad	Mobilization to McMurdo Station	SC		LUMP		
A3.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

**BASE YEAR - ESTIMATED TOTAL 2012** 

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ba	Daily Availability	AV	(b) (4)	DAYS		
A3.bb	Flight Hours	FT		FLIGHT HOURS		(4)
A3.bc	Additional Days - Availability	AV		DAYS		
A3.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.be	Demobilization from McMurdo Station	SC		LUMP SUM		

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ca	Daily Availability	AV	(b) (4)	DAYS		
A3.cb	Flight Hours	FT	x - 7 - 1x 7	FLIGHT HOURS		( <b>4</b> )
A3.cc	Additional Days - Availability	AV		DAYS		
A3.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

		0	PHON YEAR Z	-ESIIMAI	ED 101AL 2014	
CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.da	Daily Availability	AV	(b) (4)	DAYS		
A3.db	Flight Hours	FT	<u>x-x x x</u>	FLIGHT		
A3.dc	Additional Days - Availability	AV		DAYS		
A3.dd	Mobilization to McMurdo Station	SC		LUMP		
A3,de	Demobilization from McMurdo Station	SC		LUMP SUM		

		0	PTION YEAR 3	- ESTIMAT	ED TOTAL 2015	
CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ea	Daily Availability	AV	(b) (4)	DAYS		
A3.eb	Flight Hours	FT	V-) ( ·)	FLIGHT HOURS		(4)
A3.ec	Additional Days - Availability	AV		DAYS		
A3.ed	Mobilization to McMurdo Station	SC		LUMP		· · · · ·
A3.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 4 - ESTIMATED TOTAL 2016** 

OBTION VEAD 2 FETIMATED TOTAL 2014

# TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A3



(4)

b) (4)

## DESCRIPTION

CLIN A4

Designated Base:

Exclusive Use Period:

Aircraft Requirement:

All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

(b) (4) use. Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year.

aircraft equipped as specified in Section B.

Crew Requirements:

One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

#### Minimum Aircraft Requirements



#### **CLIN A4 PRICING**

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.88	Daily Availability	AV	(b) (4)	DAYS		
A4.ab	Flight Hours	FT	() ()	FLIGHT HOURS	$(\mathbf{b})$	(4.)
A4.ac	Additional Days - Availability	AV		DAYS		
A4.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ac	Demobilization from McMurdo Station	SC		LUMP SUM		

**BASE YEAR - ESTIMATED TOTAL 2012** 



CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ba	Daily Availability	AV	(b) (4)	DAYS		
A4.bb	Flight Hours	FT	()	FLIGHT HOURS		
A4.bc	Additional Days - Availability	AV		DAYS		
A4.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.be	Demobilization from McMurdo Station	SC		LUMP		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ca	Daily Availability	AV	(b) (4)	DAYS		
A4.cb	Flight Hours	FT	( / ( - /	FLIGHT HOURS		
A4.cc	Additional Days - Availability	AV		DAYS		
A4.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.da	Daily Availability	AV	(b) (4)	DAYS		
A4.db	Flight Hours	FT		FLIGHT HOURS		
A4.dc	Additional Days - Availability	AV		DAYS		
A4.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.de	Demobilization from McMurdo Station	SC		LUMP SUM		

#### **OPTION YEAR 3 – ESTIMATED TOTAL 2015**

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ea	Daily Availability	AV	(b) (4)	DAYS		
A4.eb	Flight Hours	FT	()	FLIGHT HOURS		
A4.ec	Additional Days - Availability	AV		DAYS		
A4.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A4 (b) (4)

- "ON CALL"

(4)

# CLIN A5 - (b) (4)

#### **DESCRIPTION**

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

Designated Base:	All equipment, facilities, and personnel requi to and removed from McMurdo Station, Anta	
Exclusive Use Period:	(b) (4) between the dates of 15 Oct and 15 Feb the	Aircraft may be ordered each year following year.

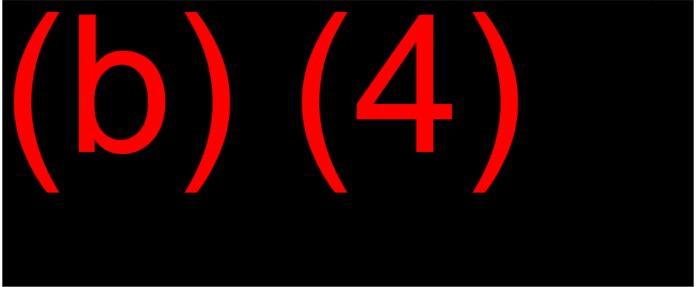
Aircraft Requirement:

Crew Requirements:

One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

equipped as specified in Section B.

#### Minimum Aircraft Requirements



	SECTIO	N A – REQ	UIREMENT	rs and p	RICING	
CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.aa	Daily Availability	AV	(b) (4)	DAYS		
A5.ab	Flight Hours	FT		FLIGHT HOURS		
A5.ac	Additional Days - Availability	AV		DAYS		
A5.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR -- ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ba	Daily Availability	AV	(b) (4)	DAYS		
A5.bb	Flight Hours	FT	( ) ( )	FLIGHT HOURS		
A5.bc	Additional Days - Availability	AV		DAYS		
A5.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ca	Daily Availability	AV	(b) (4)	DAYS		
A5.cb	Flight Hours	FT	()	FLIGHT HOURS		
A5.cc	Additional Days - Availability	AV		DAYS		
A5.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.da	Daily Availability	AV	(b) (4)	DAYS		
A5.db	Flight Hours	FT	(/ ( -/	FLIGHT HOURS		
A5.dc	Additional Days - Availability	AV		DAYS		
A5.dd	Mobilization to McMurdo Station	sc		LUMP SUM		
A5.de	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 3 – ESTIMATED TOTAL 2015** 

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ea	Daily Availability	AV	(b) (4)	DAYS		
A5.eb	Flight Hours	FT		FLIGHT HOURS		
A5.ec	Additional Days - Availability	AV		DAYS		
A5.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ee	Demobilization from McMurdo Station	SC		LUMP SUM		
		0	PTION YEAR 4	– ESTIMAT	TED TOTAL 2016	

.

## CLIN A6 -

#### DESCRIPTION

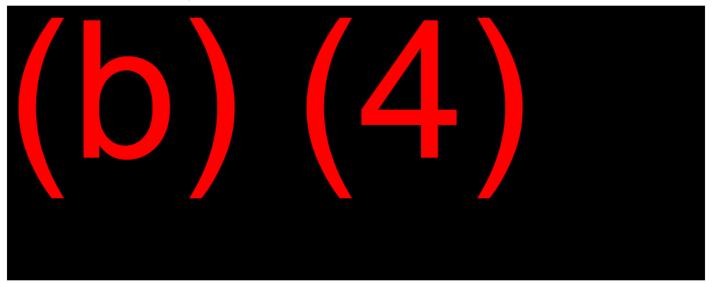
All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

"ON CALL"

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

Designated Base:	All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
Exclusive Use Period:	(b) (4) Aircraft may be ordered each year between the dates of 15 Oct and 15 Feb the following year.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

#### Minimum Aircraft Requirements



CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.aa	Daily Availability	AV	(b) (4)	DAYS		
A6.ab	Flight Hours	FT	( / ( - /	FLIGHT HOURS		
A6.ac	Additional Days - Availability	AV		DAYS		
A6.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
			BASE YEA	R - ESTIM	ATED TOTAL 2012	

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ba	Daily Availability	AV	(b) (4)	DAYS		
A6.bb	Flight Hours	FT		FLIGHT HOURS		
A6.bc	Additional Days - Availability	AV		DAYS		
A6.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.be	Demobilization from McMurdo Station	SC		LUMP SUM		
<u> </u>	·		OPTION YEAR	R 1 – ESTIMA	TED TOTAL 2013	

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ca	Daily Availability	AV	(b) (4)	DAYS		
A6.cb	Flight Hours	FT		FLIGHT HOURS		
A6.cc	Additional Days - Availability	AV		DAYS		
A6.cd	Mobilization to McMurdo Station	· SC		LUMP SUM		
A6.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
			OPTION YEAR	2 – ESTIMA	TED TOTAL 2014	

			OT HON TEAM	- Lotne		
CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.da	Daily Availability	AV	(b) (4)	DAYS		
A6.db	Flight Hours	FT		FLIGHT HOURS		
A6.dc	Additional Days - Availability	AV		DAYS		
A6.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.de	Demobilization from McMurdo Station	SC		LUMP SUM		
			OPTION YEAR	3 – ESTIMA	TED TOTAL 2015	

			OF FION FEAR	Dot mult	TED TOTAD LOTE	
CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ea	Daily Availability	AV	(b) (4)	DAYS		
A6.eb	Flight Hours	FT		FLIGHT HOURS		
A6.ec	Additional Days - Availability	AV		DAYS		
A6.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ee	Demobilization from McMurdo Station	SC		LUMP SUM		
			OPTION YEAR	R 4 – ESTIMA	ATED TOTAL 2016	

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C6

# CLIN A7 - (b) (4)

"ON CALL" – Mutual Agreement

#### **DESCRIPTION**

All airplanes required by this contract line item are referred to as *On Call* aircraft. The Contractor may accept orders for service when orders have been issued for services. Acceptance of orders placed shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein. The Government and Contractor agree that (b) (4) being used under other contracts in the Antarctic may be utilized as available under this contract and the rates for aircraft ordered under these situations shall be negotiated at the time of order.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

Designated Base:	All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
Exclusive Use Period:	(b) (4) beginning on or about 15 October each year and ending on or about 12 Feb the following year.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

#### Minimum Aircraft Requirements



CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.sa	Daily Availability	AV	(b) (4)	DAYS		
A7.ab	Flight Hours	FT		FLIGHT HOURS		$(\mathbf{A})$
A7.ac	Additional Days - Availability	AV		DAYS		
A7.ad	Mobilization to McMurdo Station	SC		LUMP	· · ·	
A7.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.af	Daily Availability 61-90 DAYS	AV		DAYS		
A7.ag	Daily Availability >90 DAYS	AV		DAYS		
			BASE VE	AR - ESTIM	ATED TOTAL 2012	

			DAGE IE	AN-LOTIMI	TLD TOTAL FOIL	
CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ba	Daily Availability	AV	(b) (4)	DAYS		
A7.bb	Flight Hours	FT		FLIGHT HOURS		$(\mathbf{A})$
A7.bc	Additional Days - Availability	AV		DAYS		
A7.bd	Mobilization to McMurdo Station	SC		LUMP		
A7.be	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.bf	Daily Availability 61-90 DAYS	AV		DAYS		
A7.bg	Daily Availability >90 DAYS	AV		DAYS		
			OPTION VEA	R 1-ESTIMA	TED TOTAL 2013	

_			OFTION TEA	KI-ESIIWL	TED TOTAL 2013	
CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ca	Daily Availability	AV	(b) (4)	DAYS		
A7.cb	Flight Hours	FT		FLIGHT HOURS		4
A7.cc	Additional Days - Availability	AV		DAYS		
A7.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.cf	Daily Availability 61-90 DAYS	AV		DAYS		
A7.cg		AV		DAYS		
1.1			<b>OPTION YEA</b>	R 2-ESTIMA	TED TOTAL 2014	

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.da	Daily Availability	AV	(b) (4)	DAYS		
A7.db	Flight Hours	FT	Ve Cayer I	FLIGHT HOURS		(4-)
A7.de	Additional Days - Availability	AV		DAYS		
A7.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.de	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.df	Daily Availability 61-90 DAYS	AV		DAYS		
A7.dg	Daily Availability >90 DAYS	AV		DAYS		

**OPTION YEAR 3 - ESTIMATED TOTAL 2015** 



CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ea	Daily Availability	AV	(b) (4)	DAYS		
A7.eb	Flight Hours	FT		FLIGHT HOURS		
A7.ec	Additional Days - Availability	AV		DAYS		
A7.ed	Mobilization to McMurdo Station	SC		LUMP		
A7.ee	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.ef	Daily Availability 61-90 DAYS	AV		DAYS		
A7.eg	Daily Availability >90 DAYS	AV		DAYS		
			OPTION YEA	R 4 – ESTIMA	ATED TOTAL 2016	

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C7

## SCHEDULE A - CONTRACT LINE ITEM NUMBERS (CLINs 8-15)

Additional Personnel – Fixed rate for additional personnel. The Government may require the Contractor to deploy cargo handlers, flight crews, mechanics, and apprentice mechanics to supplement operational capabilities, or some other purpose. The Contracting Officer may order additional work in a minimum quantity of one (1) individual for one (1) day at <u>anytime</u> during the term of this contract by giving written notice to the contractor at least ten (10) days prior to the date the additional work is required. The Contracting Officer may make multiple orders. The Government will provide air transportation between the Contractor's home base or other location, and Antarctica. The Government will reimburse the Contractor at cost for lodging and per diem expenses while in transit. This shall be a unilateral action on the part of the Government.

DDIT	IONAL FLIGHT CREW		(2 p	erson crew	s PIC/SIC)	
CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
<b>48.aa</b>	2011 Additional (b) (4) Flight Crew	P01	(b) (4)	DAYS		
48.ab	2012 Additional Flight Crew	P01		DAYS		
<b>A8.ac</b>	2013 Additional Flight Crew	P01		DAYS		
18.ad	2014 Additional Flight Crew	P01		DAYS		
48.ae	2015 Additional Flight Crew	P01		DAYS		
DDIT	rional flight crew <mark>(b) (4</mark>	PAY ITEM	1.	10000	ew PIC/SIC)	EVTENDED AMOUNT
CLIN	DESCRIPTION (9/01-8/31)	CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUN
49.88	2011 Additional (b) (4)	P01	(b) (4)	DAYS	(6)	11
19.ab	2012 Additional Flight Crew	P01		DAYS		
49.ac	2013 Additional Flight Crew	P01		DAYS		
49.ad	2014 Additional Flight Crew	P01		DAYS		
A9.ac	2015 Additional Flight Crew	P01		DAYS		
	ADDITIONAL FLIGH	t crews <mark>(b)</mark>	(4)	ESTIMATE	D TOTAL 5 YEARS	
DDD	TIONAL MECHANIC					
DDI	TIONAL MECHANIC	PAY ITEM	The second of	UNIT	UNIT PRICE	EXTENDED AMOUN

CLIN	DESCRIPTION (9/01-8/31)	CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A10.aa	2011 Mechanic	MC	(b) (4)	DAYS		
A10.ab	2012 Mechanic	MC		DAYS		4.
A10.ac	2013 Mechanic	МС		DAYS		
A10.ad	2014 Mechanic	MC		DAYS		
A10.ae	2015 Mechanic	MC	1	DAYS		

**MECHANICS - ESTIMATED TOTAL 5 YEARS** 

#### APPRENTICE MECHANIC

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
All.aa	2011 Apprentice Mechanic	мс	(b) (4)	DAYS		
A11.ab	2012 Apprentice Mechanic	MC		DAYS		
A11.ac	2013 Apprentice Mechanic	MC		DAYS	<b>\``</b> /	
A11.ad	2014 Apprentice Mechanic	MC		DAYS		
A11.ae	2015 Apprentice Mechanic	МС		DAYS		

APPRENTICE MECHANICS - ESTIMATED TOTAL 5 YEARS

#### CARGO HANDLER

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A12.aa	2011 Cargo Handler	P50	(b) (4)	DAYS		
A12.ab	2012 Cargo Handler	P50		DAYS		4
A12.sc	2013 Cargo Handler	P50		DAYS		
A12.ad	2014 Cargo Handler	P50		DAYS		
A12.ae	2015 Cargo Handler	P50		DAYS		

CARGO HANDLERS - ESTIMATED TOTAL 5 YEARS

Shop Rates for Aircraft in Maintenance - The following rates shall be used for shop time when the Government requires modifications to the airframe and the contractor is required to ground the aircraft from flight to work on the modification to the aircraft. These rates will be used for all quotes for work to be completed on the aircraft during the performance of the contract.

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A13.aa	2011 Shop Rate (b) (4)	TBD	(b)(4)	DAYS		/ / \
A13.ab	2012 Shop Rate	TBD	N. CA P	DAYS		
A13.ac	2013 Shop Rate	TBD		DAYS		
A13.ad	2014 Shop Rates	TBD		DAYS		
A13.ae	2015 Shop Rates	TBD		DAYS		

# SHOP RATE FOR (D) (4)

# SHOP RATE FOR (b) (4)

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A14.aa	2011 Shop Rate	TBD	(b) (4)	DAYS		
A14.ab	2012 Shop Rate	TBD		DAYS		
AI4.ac	2013 Shop Rate:	TBD		DAYS		
Al4.ad	2014 Shop Rate:	TBD		DAYS		
A14.ac	2015 Shop Rates	TBD		DAYS		
	SHOP RATE,	(b) (4)		ESTIMATED	TOTAL 5 YEARS	

	OFFERR	P TO COMPLETE	R COMMERCIAL IT	EM	1. REQUISIT		al )	1000	IDAGE	
2. CONTRACT	TNO	R TO COMPLETE BLOC	CKS 12, 17, 23, 24, & 30		004002				PAGE OF	5
D12PC0	0113		EFFECTIVE DATE	UMBER			5. SOLICITATION	NUMBER		6. SOLICITAT
	OR SOLICITATION	a. NAME	09/01/2011		b. TELEP	HONE NU	MRER (Manufic			ISSUE DATE
9. ISSUED BY		Michael	CODE D41		208-	433-5		a cansj	8. OFFER DUE	DATE/LOCAL TIME
DOT. Na	ational Pusi-		D41	286 - LCLCC	ACQUISITION					
Divisio	ational Busin on 4/ Branch	ness Center,	AQD		UNRESTRICTE	DOR	X SET ASIDE:	100.00	% FOR:	
300 Eas	st Mallard Dr	ive					X SMALL BUS	NESS		GING SMALL
Suite 2	200			NAICS	81211				BUSIN	
Boise I	D 83706			SIZE STA			HUBZONE SI BUSINESS	MALL	SOLE	SOURCE
	FOR FOB DESTINA-			1,50			SERVICE-DIS	SABLED VE	TERAN-	8(A)
TION UNLE	ESS BLOCK IS	2. DISCOUNT TERMS					OWNED SMA 13b. RATING	LL BUSINE	SS	
MARKED		🗌 13a.	THIS CONTRAC	TISA	130. RATING					
15. DELIVER TO					DPAS (15 CFR	700)	14. METHOD OF	FSOLICITA	TION	
	-		008351474	16. ADMIN	ISTERED BY		RFQ	IFB		
DOI AVIA	ATION MGMT I	T SYS DIV							CODE D41	
300 E Ma	allard Dr Ste	e 200		DOI,	Nation	al Bu	siness Cent	er, A	QD	
oolse II	D 83706-6648			SUICE	200 ion 4/					
				300 5	ast Mal	bran	cn 1			
				Boise	ID 837	ard 206	Drive			
a. CONTRACTO	ORV CODE La	710000				00				
OFFEROR	200E 00	071061255	FACILITY	18a. PAYM	ENT WILL BE N	ADE BY			ODE DOOO	
								ç	D000	INV
UKEK, K	ENN AIR LTD	_		Depar	tment -	f +1	Interior			
ссия: АП. 90 МСтри	TN GOVERNMEN VISH ROAD NE	T POC		Natio	nal Bus	ineed	e Interior 5 Center - [			
ALGARY	AB T2E 7G5			Fiscal	L Servi	Ces F	Branch, D277	venver vo	-	
				7301 1	V. Mans	field	Ave	0		
					CO 80					
			3							
EPHONE NO.	000-000	-0000	3							
				Denvei	CO 80	235-2	230			
17b. CHECK IF F	000-000			Denvei	CO 80	ADDRESS	230	UNLESS BL	OCK BELOW	
17b. CHECK IF F 19. ITEM NO.	REMITTANCE IS DIFFEREN	NT AND PUT SUCH ADDRE	20. SUPPLIES/SERVICES	Denver 186 SUGMIT	INVOICES TO CKED	ADDRESS SEE AD	230 SHOWN IN BLOCK 188 DENDUM 23.	UNLESS BL	LOCK BELOW	
7b. CHECK IF F 19, ITEM NO.	REMITTANCE IS DIFFEREN	SCHEDULE OF S	20. SUPPLIES/SERVICES	Denver 186 SUGMIT	NVOICES TO CKED	ADDRESS SEE AD	230 SHOWN IN BLOCK 1881 JENDUM	UNLESS BL		
7b. CHECK IF F 19. ITEM NO.	REMITTANCE IS DIFFEREN ANTARCTIC FI Legacy Doc #	SCHEDULE OF S XED WING PRO	20. SUPPLIES/SERVICES	Denver 186 SUGMIT	INVOICES TO CKED	ADDRESS SEE AD	230 SHOWN IN BLOCK 188 DENDUM 23.	UNLESS BL	24	
7b. CHECK IF F 19. ITEM NO. I I	REMITTANCE IS DIFFEREN ANTARCTIC FI Legacy Doc # Delivery: 09/	SCHEDULE OF S SCHEDULE OF S XED WING PRO D11PC30340 /30/2012	20. SUPPLIES/SERVICES GRAM	186 SUBMIT IS CHE	INVOICES TO CKED	ADDRESS SEE AD	230 SHOWN IN BLOCK 188 DENDUM 23.	UNLESS BL	24	
7b. CHECK IF F 19. ITEM NO. I I	REMITTANCE IS DIFFEREN ANTARCTIC FI Legacy Doc # Delivery: 09/	SCHEDULE OF S SCHEDULE OF S XED WING PRO D11PC30340 /30/2012	20. SUPPLIES/SERVICES GRAM	186 SUBMIT IS CHE	INVOICES TO CKED	ADDRESS SEE AD	230 SHOWN IN BLOCK 188 DENDUM 23.	UNLESS BL	24	
19, 19, ITEM NO. I I I I I I I I I I I I I I I I I I I	ANTARCTIC FI Legacy Doc # Delivery: 09/ Period of Per	SCHEDULE OF S SCHEDULE OF S XED WING PRO : D11PC30340 /30/2012 cformance: 05	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/	186 SUBMIT IS CHE	INVOICES TO CKED	ADDRESS SEE AD	230 SHOWN IN BLOCK 188 DENDUM 23.	UNLESS BL	24	
19. ITEM NO. I I I I I I I I I I I I I I I I I I I	REMITTANCE IS DIFFEREN ANTARCTIC FI Legacy Doc # Delivery: 09/	SCHEDULE OF S SCHEDULE OF S XED WING PRO : D11PC30340 /30/2012 cformance: 05	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/	186 SUBMIT IS CHE	INVOICES TO CKED	ADDRESS SEE AD	230 SHOWN IN BLOCK 188 DENDUM 23.	UNLESS BL	24	
17b. CHECK IF F 19. ITEM NO. 2 I I E F	ANTARCTIC FI Legacy Doc # Delivery: 09 Period of Per ANTARCTIC FIX	SCHEDULE OF S SCHEDULE OF S XED WING PRO : D11PC30340 /30/2012 cformance: 05	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/	186 SUBMIT IS CHE	INVOICES TO CKED	ADDRESS SEE AD	230 SHOWN IN BLOCK 188 DENDUM 23.	UNLESS BL	24	
7b. CHECK IF F 19. ITEM NO. 2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	REMITTANCE IS DIFFEREN ANTARCTIC FIX Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX	SCHEDULE OF S SCHEDULE OF S XED WING PRO : D11PC30340 /30/2012 formance: 09 XED WING SUPP	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/	186 SUBMIT IS CHE	INVOICES TO CKED	ADDRESS SEE AD	230 SHOWN IN BLOCK 188 DENDUM 23.	UNLESS BL	24 AMOL	INT
7b. CHECK IF F 19. ITEM NO. 2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	ANTARCTIC FI Legacy Doc # Delivery: 09 Period of Per ANTARCTIC FIX	SCHEDULE OF S SCHEDULE OF S XED WING PRO : D11PC30340 /30/2012 formance: 09 XED WING SUPP	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/	186 SUBMIT IS CHE	INVOICES TO CKED	ADDRESS SEE AD	230 SHOWN IN BLOCK 188 DENDUM 23.	UNLESS BL	24	INT
7b. CHECK IF F 19. ITEM NO. 2 19. 19. 19. 19. 19. 19. 19. 19.	REMITTANCE IS DIFFEREN ANTARCTIC FIX Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX	SCHEDULE OF S SCHEDULE OF S XED WING PRO : D11PC30340 /30/2012 formance: 09 XED WING SUPP	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/	186 SUBMIT IS CHE	INVOICES TO CKED	ADDRESS SEE AD	230 SHOWN IN BLOCK 188 DENDUM 23.	UNLESS BL	24 AMOL	INT
7b. CHECK IF F 19. ITEM NO. 2 19. 19. 19. 19. 19. 19. 19. 19.	ANTARCTIC FI Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX TEM 1 (b) (4) Obligated Amo Continued (Use Reverse	SCHEDULE OF S SCHEDULE OF S XED WING PRO D11PC30340 /30/2012 fformance: 09 XED WING SUPP Dunt: (b) (4) and/or Attach Additio	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/ PORT	186 SUBMIT IS CHE	INVOICES TO CKED	ADDRESS SEE AD	230 SHOWN IN BLOCK 188 DENDUM 23.	UNLESS BL	24 AMOL	INT
7b. CHECK IF F 19. ITEM NO. 2 19. 19. 19. 19. 19. 19. 19. 19.	ANTARCTIC FIX Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX TEM 1 (b) (4) Obligated Amo Continued (Use Reverse AND APPROPRIATION	SCHEDULE OF S SCHEDULE OF S XED WING PRO D11PC30340 /30/2012 fformance: 09 XED WING SUPP Dunt: (b) (4) and/or Attach Additio	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/	186 SUBMIT IS CHE	INVOICES TO CKED	ADDRESS SEE ADI 22. UNIT	230 SHOWN IN BLOCK 188 DENDUM 23. UNIT PRICE		24 AMOL	4)
17b. CHECK IF F 19. ITEM NO. 2 19. 19. 19. 19. 19. 19. 19. 19.	ANTARCTIC FIX Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX TEM 1 (b) (4) Obligated Amo Continued (Use Reverse AND APPROPRIATION ale	SCHEDULE OF S SCHEDULE OF S XED WING PRO : D11PC30340 /30/2012 cformance: 09 XED WING SUPP Ount: (b) (4) and/or Attach Addition DATA	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/ PORT PORT	186 SUBMIT IS CHE 30/2012	INVOICES TO CKED	ADDRESS SEE ADI 22. UNIT	2 3 0 SHOWN IN BLOCK 188 DENDUM 23. UNIT PRICE	OUNT (Fc	(b) (4	4)
17b. CHECK IF F 19. ITEM NO. I I I I I I I I I I I I I	ANTARCTIC FIX Legacy Doc # Delivery: 09/ Period of Per ANTARCTIC FIX TEM 1 (b) (4) Obligated Amo Continued (Use Reverse AND APPROPRIATION ale	SCHEDULE OF S SCHEDULE OF S XED WING PRO D11PC30340 /30/2012 cformance: 09 XED WING SUPP ount: (b) (4) and/or Attach Addition DATA	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/ PORT PORT	186 SUBMIT IS CHE 30/2012	INVOICES TO CKED	ADDRESS SEE ADI 22. UNIT	2 3 0 SHOWN IN BLOCK 188 DENDUM 23. UNIT PRICE	OUNT (Fc	(b) (4	4)
19. 19. 19. 19. 11. 19. 11. 19. 11. 11	REMITTANCE IS DIFFEREN ANTARCTIC FI Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX TEM 1 (b) (4) Obligated Amo Continued (Use Reverse AND APPROPRIATION alle TON INCORPORATES E TAURCHASE ORDER IN	SCHEDULE OF S SCHEDULE OF S XED WING PRO : D11PC30340 /30/2012 rformance: 09 XED WING SUPP Dunt: (b) (4) and/or Attach Additio DATA BY REFERENCE FAR 52 NCORPORATES BY RE	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/ PORT conal Sheets as Necessary) 2.212-1, 52.212-4. FAR 52 212- EFERENCE FAR 52.212-4. FAR	186 SUBMIT IS CHE 30/2012	INVOICES TO CKED	ADDRESS SEE ADI 22. UNIT	230 SHOWN IN BLOCK 188 DENDUM 23. UNIT PRICE 5. TOTAL AWARD AM \$2,450, DDENDA	IOUNT (Fc , 749.0	24 AMOL (b) (4 or Govt. Use On 00 E _ ARE NO	4)
19. ITEM NO. I I I I I I I I I I I I I I I I I I I	REMITTANCE IS DIFFEREN ANTARCTIC FI Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX TEM 1 (b) (4) Obligated Amo Continued (Use Reverse AND APPROPRIATION the TON INCORPORATES E TAND APPROPRIATION TON INCORPORATES E TAND APPROPRIATION TON INCORPORATES E TAND APPROPRIATION TON INCORPORATES E TAND APPROPRIATION	SCHEDULE OF S SCHEDULE OF S XED WING PRO : D11PC30340 /30/2012 rformance: 0 XED WING SUPP ount: (b) (4) and/or Attach Addition DATA BY REFERENCE FAR 52 NCORPORATES BY RE	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/ PORT 2.212-1, 52.212-4. FAR 52.212-4. FAR 52.212-4. FAR 52.212-4. FAR	Denver 18b. SUBMIT IS CHE 30/2012 3 AND 52.212-5 A 52.212-5 IS ATTA	RE ATTACH	ADDRESS SEE ADI 22. UNIT	230 SHOWN IN BLOCK 188 JENDUM 23. UNIT PRICE 5. TOTAL AWARD AM \$2,450, DENDA	OUNT (Fc , 749.1	24 AMOL (b) (2 or Govt. Use On 00 E = ARE NO	4) ////
19. TEM NO. 19. ITEM NO. 19. ITEM NO. 19. 19. 19. 19. 19. 19. 19. 19	ANTARCTIC FIX ANTARCTIC FIX Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX TEM 1 (b) (4) Dbligated Amo Continued (Use Reverse AND APPROPRIATION ale TON INCORPORATES E T/PURCHASE ORDER II DR IS REQUIRED TO SI UNG OFFICE CONTR	SCHEDULE OF SCHEDULE OF SCHEDULE OF S SCHEDULE OF S XED WING PRO : D11PC30340 /30/2012 rformance: 09 XED WING SUPP Ount: (b) (4) and/or Attach Addition DATA BY REFERENCE FAR 52 NCORPORATES BY RE GN THIS DOCUMENT A	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/ PORT Dural Sheets as Necessary) 2.212-1, 52.212-4. FAR 52.212- EFERENCE FAR 52.212-4. FAR AND RETURN	Denver 186. SUBMIT IS CHE 30/2012 3 AND 52.212-5 IS 52.212-5 IS ATTA X 22	RE ATTACH	ADDRESS SEE ADI 22. UNIT	230 SHOWN IN BLOCK 188 DENDUM 23 UNIT PRICE 5. TOTAL AWARD AM \$2,450 DENDA ACT REF.	IOUNT (Fc , 749. ( ARI	24 AMOL (b) (4 or Govt. Use On 00 E ARE NO E ARE NO	4) DT ATTACHED. DT ATTACHED. OFFER
7b. CHECK IF F 19. ITEM NO. I I I I I I I I I I I I I	ANTARCTIC FI Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX TEM 1 (b) (4) Dbligated Amo Continued (Use Reverse AND APPROPRIATION ale TAND APPROPRIATION ale TAND APPROPRIATION ale TAND APPROPRIATION ale TAND APPROPRIATION ale TAND APPROPRIATION ale TAND APPROPRIATION ale TAND APPROPRIATION ale	SCHEDULE OF SCHEDULE OF SCHEDULE OF SCHEDULE OF SXED WING PROF : D11PC30340 /30/2012 cformance: 09 XED WING SUPP Ount: (b) (4) and/or Attach Addition DATA BY REFERENCE FAR 52 NCORPORATES BY RE GN THIS DOCUMENT / ACTOR AGREES TO FI	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/ PORT 2.212-1, 52.212-4. FAR 52.212- FERENCE FAR 52.212-4. FAR AND RETURN URNISH AND DELIVER	Denver 186 SUBMIT IS CHE 30/2012 3 AND 52 212-5 A 52 212-5 IS ATTA X 22 D	RE ATTACH CHED.	ADDRESS SEE ADD 22. UNIT 22. UNIT 22. UNIT 22. UNIT 22. UNIT 22. UNIT 20. ADDRESS 24. CONTR	230 SHOWN IN BLOCK 188 DENDUM 23. UNIT PRICE 23. UNIT PRICE 23. 23. 23. 23. 23. 23. 23. 23. 23. 23.	OUNT (Fc , 749. ( ARI X ARI	24 AMOL (b) (2 or Govt. Use On 00 E ARE NO E ARE NO	4) DT ATTACHED. OFFER
19. CHECK IF F 19. ITEM NO. 19. ITEM NO. 19. ITEM NO. 10. I 10. I	ANTARCTIC FIX ANTARCTIC FIX Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX TEM 1 (b) (4) Dbligated Amo Continued (Use Reverse AND APPROPRIATION ale TON INCORPORATES E T/PURCHASE ORDER II DR IS REQUIRED TO SI UNG OFFICE CONTR	SCHEDULE OF SCHEDULE OF SCHEDULE OF SCHEDULE OF SXED WING PROF : D11PC30340 /30/2012 cformance: 09 XED WING SUPP Ount: (b) (4) and/or Attach Addition DATA BY REFERENCE FAR 52 NCORPORATES BY RE GN THIS DOCUMENT / ACTOR AGREES TO FI	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/ PORT 2.212-1, 52.212-4. FAR 52.212- FERENCE FAR 52.212-4. FAR AND RETURN URNISH AND DELIVER	Denver 186 SUBMIT IS CHE 30/2012 3 AND 52.212-5 A 52.212-5 IS ATTA X 22 D IN HJ	RE ATTACH CheD RE ATTACH CheD AWARD OI ATED CluDING AN REIN, IS AC	ADDRESS SEE ADI 22. UNIT UNIT 22. UNIT 24. 24. 24. 24. 24. 24. 24. 24. 24. 24.	230 SHOWN IN BLOCK 188 DENDUM 23. UNIT PRICE 3. TOTAL AWARD AM \$2,450, DENDA AA ACT REF. YOUR OFF IONS OR CHANGES AS TO ITEMS:	OUNT (FG , 749. ( ARI X ARI ER ON SC WHICH A	24 AMOU (b) (2 or Govt. Use On 00 E ARE NO E ARE NO DLICITATION (I IRE SET FORT	4) DT ATTACHED. DT ATTACHED. OFFER
19. CHECK IF F 19. ITEM NO. 19. ITEM NO. 19. ITEM NO. 10. I 10. I	ANTARCTIC FI Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX TEM 1 (b) (4) Dbligated Amo Continued (Use Reverse AND APPROPRIATION ale TAND APPROPRIATION ale TAND APPROPRIATION ale TAND APPROPRIATION ale TAND APPROPRIATION ale TAND APPROPRIATION ale TAND APPROPRIATION ale TAND APPROPRIATION ale	SCHEDULE OF SCHEDULE OF SCHEDULE OF SCHEDULE OF SXED WING PROF : D11PC30340 /30/2012 cformance: 09 XED WING SUPP Ount: (b) (4) and/or Attach Addition DATA BY REFERENCE FAR 52 NCORPORATES BY RE GN THIS DOCUMENT / ACTOR AGREES TO FI	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/ PORT 2.212-1, 52.212-4. FAR 52.212- FERENCE FAR 52.212-4. FAR AND RETURN URNISH AND DELIVER	Denver 186 SUBMIT IS CHE 30/2012 3 AND 52.212-5 A 52.212-5 IS ATTA X 22 D IN HJ	RE ATTACH CheD RE ATTACH CheD AWARD OI ATED CluDING AN REIN, IS AC	ADDRESS SEE ADI 22. UNIT UNIT 22. UNIT 24. 24. 24. 24. 24. 24. 24. 24. 24. 24.	230 SHOWN IN BLOCK 188 DENDUM 23. UNIT PRICE 3. TOTAL AWARD AM \$2,450, DENDA AA ACT REF. YOUR OFF IONS OR CHANGES AS TO ITEMS:	OUNT (FG , 749. ( ARI X ARI ER ON SC WHICH A	24 AMOU (b) (2 or Govt. Use On 00 E ARE NO E ARE NO DLICITATION (I IRE SET FORT	4) DT ATTACHED. DT ATTACHED. OFFER
19. TEM NO. 19. TEM NO. 19. 19. 19. 19. 19. 10. 10. 10. 10. 10. 10. 10. 10	ANTARCTIC FIX Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX TEM 1 (b) (4) Dbligated Amo Continued (Use Reverse AND APPROPRIATION ale TON INCORPORATES B T/PURCHASE ORDER II DOR IS REQUIRED TO SI UING OFFICE CONTRA TO THE TERMS AND OFFEROR/CONTRACTOR	SCHEDULE OF SCHEDULE OF SCHEDULE OF SCHEDULE OF SXED WING PROD 2 D11PC30340 2 D11PC30340 2 J12C30340 2 J12C3040 2 J12C3040	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/ PORT 2.212-1, 52.212-4. FAR 52.212- FERENCE FAR 52.212-4. FAR AND RETURN URNISH AND DELIVER	Denver 186 SUBMIT IS CHE 30/2012 3 AND 52.212-5 A 52.212-5 IS ATTA X 22 D IN HJ	RE ATTACH CheD RE ATTACH CheD AWARD OI ATED CluDING AN REIN, IS AC	ADDRESS SEE ADI 22. UNIT UNIT 22. UNIT 24. 24. 24. 24. 24. 24. 24. 24. 24. 24.	230 SHOWN IN BLOCK 188 DENDUM 23. UNIT PRICE 23. UNIT PRICE 23. 23. 23. 23. 23. 23. 23. 23. 23. 23.	OUNT (FG , 749. ( ARI X ARI ER ON SC WHICH A	24 AMOU (b) (2 or Govt. Use On 00 E ARE NO E ARE NO DLICITATION (I IRE SET FORT	4) DT ATTACHED. DT ATTACHED. OFFER
19. TEM NO. 19. TEM NO. 19. 19. 19. 19. 19. 10. 10. 10. 10. 10. 10. 10. 10	ANTARCTIC FIX Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX TEM 1 (b) (4) Dbligated Amo Continued (Use Reverse AND APPROPRIATION ale TON INCORPORATES B T/PURCHASE ORDER II DOR IS REQUIRED TO SI UING OFFICE CONTRA TO THE TERMS AND OFFEROR/CONTRACTOR	SCHEDULE OF SCHEDULE OF SCHEDULE OF SCHEDULE OF SEXED WING PROD : D11PC30340 /30/2012 cformance: 09 CED WING SUPP ount: (b) (4) and/or Attach Addition DATA BY REFERENCE FAR 52 NCORPORATES BY RE GN THIS DOCUMENT / ACTOR AGREES TO FI SE IDENTIFIED ABOVE D CONDITIONS SPECIFIC	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/ PORT 2.212-1, 52.212-4. FAR 52.212- FERENCE FAR 52.212-4. FAR AND RETURN URNISH AND DELIVER	Denver 186 SUBMIT IS CHE 30/2012 3 AND 52.212-5 A 52.212-5 IS ATTA X 22 D N HI 31a. UNITED S	RE ATTACH CLUDING AN EREIN IS AC	ADDRESS SEE ADI 22. UNIT 23. CONTRESS 24. CONTRE	230 SHOWN IN BLOCK 188 DENDUM 23. UNIT PRICE 23. UNIT PRICE 23. 23. 23. 23. 23. 23. 23. 23. 23. 23.	OUNT (FG , 749. ( ARI X ARI ER ON SC WHICH A	24 AMOU (b) (2 or Govt. Use On 00 E ARE NO E ARE NO DLICITATION (I IRE SET FORT	4) DT ATTACHED. DT ATTACHED. OFFER
19. 19. 19. 19. 11. 19. 11. 19. 11. 11	ANTARCTIC FI Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX TEM 1 (b) (4) Obligated Amo Continued (Use Reverse AND APPROPRIATION tile TON INCORPORATES E TAURCHASE ORDER II DOR IS REQUIRED TO SI UNING OFFICE CONTR FORTH OR OTHERWIS CT TO THE TERMS AND OFFEROR/CONTRACTOR	SCHEDULE OF S SCHEDULE OF S XED WING PRO : D11PC30340 /30/2012 rformance: 09 XED WING SUPP ount: (b) (4) and/or Attach Addition DATA BY REFERENCE FAR 52 NCORPORATES BY RE GN THIS DOCUMENT / ACTOR AGREES TO FI SE IDENTIFIED ABOVE D CONDITIONS SPECIFIC COORDS	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/ PORT 2.212-1, 52.212-4. FAR 52.212- FERENCE FAR 52.212-4. FAR AND RETURN URNISH AND DELIVER AND ON ANY ADDITIONAL FIED HEREIN	Denvei 186 SUBMIT IS CHE 30/2012 3 AND 52:212-5 A 52:212-5 IS ATTA X 22 D IN H 31a. UNITED S 31b. NAME O	RE ATTACH CHED RE ATTACH CHED RE ATTACH CHED. RE ATTACH CHED.	ADDRESS SEE ADI 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 EE ADI 22 UNIT 22 EE ADI 22 UNIT 22 EE ADI 22 UNIT 22 EE ADI 22 UNIT 22 EE ADI 22 EE ADI 20 EE ADI 20 EE EE ADI 20 EE EE EE EE EE EE EE EE EE EE EE EE EE	230 SHOWN IN BLOCK 188 DENDUM 23. UNIT PRICE 3. TOTAL AWARD AM \$2,450, DENDA AA ACT REF. YOUR OFF IONS OR CHANGES AS TO ITEMS:	OUNT (FG , 749. ( ARI X ARI ER ON SC WHICH A	24 AMOU (b) (2 or Govt. Use On 00 E ARE NO E ARE NO DLICITATION (I IRE SET FORT	4 DT ATTACHED DT ATTACHED DT ATTACHED OFFER BLOCK (5), H
19. TEM NO. 19. TEM NO. 19. 19. 19. 19. 19. 19. 19. 19	ANTARCTIC FIX Legacy Doc # Delivery: 09, Period of Per ANTARCTIC FIX TEM 1 (b) (4) Dbligated Amo Continued (Use Reverse AND APPROPRIATION ale TON INCORPORATES B T/PURCHASE ORDER II DOR IS REQUIRED TO SI UING OFFICE CONTRA TO THE TERMS AND OFFEROR/CONTRACTOR	SCHEDULE OF S SCHEDULE OF S XED WING PRO : D11PC30340 /30/2012 rformance: 09 XED WING SUPP ount: (b) (4) and/or Attach Addition DATA BY REFERENCE FAR 52 NCORPORATES BY RE GN THIS DOCUMENT / ACTOR AGREES TO FI SE IDENTIFIED ABOVE D CONDITIONS SPECIFIC COORDS	20. SUPPLIES/SERVICES GRAM 9/01/2011 to 08/ PORT 2.212-1, 52.212-4. FAR 52.212- FERENCE FAR 52.212-4. FAR AND RETURN URNISH AND DELIVER AND ON ANY ADDITIONAL FIED HEREIN	Denver 186 SUBMIT IS CHE 30/2012 3 AND 52.212-5 A 52.212-5 IS ATTA X 22 D N HI 31a. UNITED S	RE ATTACH CHED RE ATTACH CHED RE ATTACH CHED. RE ATTACH CHED.	ADDRESS SEE ADI 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 UNIT 22 EE ADI 22 UNIT 22 EE ADI 22 UNIT 22 EE ADI 22 UNIT 22 EE ADI 22 UNIT 22 EE ADI 22 EE ADI 20 EE ADI 20 EE EE ADI 20 EE EE EE EE EE EE EE EE EE EE EE EE EE	230 SHOWN IN BLOCK 188 DENDUM 23. UNIT PRICE 23. UNIT PRICE 23. 23. 23. 23. 23. 23. 23. 23. 23. 23.	OUNT (FG , 749. ( ARI X ARI ER ON SC WHICH A	24 AMOL OF GOVE. Use On 00 E ARE NO E ARE NO E ARE NO DLICITATION (I RE SET FORTI CER)	4 DT ATTACHED. DT ATTACHED. DT ATTACHED. OFFER BLOCK \$), H

		· ()						2 of 5
19. ITEM NO.		SCHEDULE OF S	20. JPPLIES/SERVICES		21. QUANTITY	22 UNIT	23 UNIT PRICE	24.
		ing Info:						AMOUNT
	01 Accor	unt Assignment: K	G/L Account: 6	100.252L0				
	Busines	s Area: D000 Commi	tment Item: 25	2L00 Cost				
	Center:	DS68677000 Functi						
	DWDCA000	0.IB0000 Fund: XX	Center					
	DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acc							
	Assign I	ine: 01	THE PROPERTY OF THE PROPERTY O	04 PR ACCT				
	Funded:							
	FOB: Unk							
	ANTARCTI	C FIXED WING SUPPO	ORT					
	ANTARCTIC FIXED WING SUPPORT							
00020	(b) (4)							
	, · · · · ·	d Amount: <mark>(b) (4)</mark>						(b) (4)
	Accountir	ng Info:						
			/T. Deseust ct					
	Business	1 Account Assignment: K G/L Account: 6100.252L0						
	Center: D	Business Area: D000 Commitment Item: 252L00 Cost						
	DWDCAOOOO	Center: DS68677000 Functional Area: WDCA0000.IB0000 Fund: XXXD4523WD Fund Center:						
	DS6867700	O Dresis ( (mos	D4523WD Fund Ce	enter:				
	Accien I:	0 Project/WBS: DR	NONFT.12NSF664	PR Acct				
	Assign Li							
	Funded:							
	FOB: Dest.	ination						
						1		
	Continued							
32a. QUANTITY I			EPTED, AND CONFORMS	TO THE CONTRACT	EVCERTAR			
		O GOVERNMENT REPRESENTAT	ED,		EXCEPT AS			
				32d. PRINTED	NAME AND	TITLE OF AU	THORIZED GO	VERNMENT REPRESENTATIVE
	DRESS OF AUTHO	DRIZED GOVERNMENT REPRESE	NTATIVE	32f TELEPHO	NE NUMBER	OF AUTHOR	ZED GOVERN	MENT REPRESENTATIVE
				32g. E-MAIL O	F AUTHORIZ	ED GOVERN	MENT REPRES	ENTATIVE
33. SHIP NUMBER	CORRECT FOR		36. PAYMENT				37. CHECK NUMBER	
PARTIA			COMPLET		D. D. T. L.			
Second Contraction				COMPLET		PARTIAL	FINAL	
		39. S/R VOUCHER NUMBER	40. PAID BY					
1b. SIGNATURE A	IS ACCOUNT IS C	ORRECT AND PROPER FOR PAY		42a. RECEIVI	ED BY (Print)	)		
			41c. DATE	42b. RECEIVI	ED AT (Local	tion)		
				42c DATE RE				
				DATE RE		וטטי	42d. TOTAL C	ONTAINERS

CONTINUATION SHEET	PAGE (	DF
NAME OF OFFEROR OR CONTRACTOR	3	5

BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT	UNIT PRICE	AMOUNT
00030	<ul> <li>(b) (4)</li> <li>Obligated Amount: (b) (4)</li> <li>Accounting Info:</li> <li>Ol Account Assignment: K G/L Account: 6100.252L0</li> <li>Business Area: D000 Commitment Item: 252L00 Cost</li> <li>Center: D568677000 Functional Area:</li> <li>DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center:</li> <li>DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct</li> <li>Assign Line: 01</li> <li>Funded: (b) (4)</li> <li>FOB: Destination</li> </ul>				(F) (b) (4)
00040	(b) (4) Obligated Amount: (b) (4) Accounting Info: O1 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: O1 Funded: (b) (4) FOB: Destination				(b) (4)
	<pre>b) (4) Obligated Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: D568677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: D568677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</pre>				(b) (4)
C	b) (4) Obligated Amount: (b) (4) Continued				(b) (4)

CONTINUATION SHEET

REFERENCE NO. OF D NT BEING CONTINUED D12PC00113

NAME OF OFFEROR OR CONTRACTOR

BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE	AMOUNT (F)
	Accounting Info: 03 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 03 Funded: (b) (4) Accounting Info: 04 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 04 Funded: (b) (4) FOB: Destination				
00070	(b) (4) Obligated Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination				(b) (4)
	ADDITIONAL CREW Obligated Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: (b) (4) Continued				(b) (4)

PAGE

4

OF

5

CONTINUATION SHEET REFERENCE NO. OF DO INT BEING CONTINUED D12PC00113

BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE	AMOUNT (F)
	FOB: Destination		1		
00090	CARGO HANDLER Obligated Amount: (b) (4)				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination				
00100	CAMERA WINDOWS (SC IN AMS) Obligated Amount: (b) (4)				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination				
	The total amount of award: \$2,450,749.00. The obligation for this award is shown in box 26.				

AMENDMENT OF SOLICITAT		N OF CON	TRACT	Q	. CONTRACT ID CODE	Page 1 of \$
2. AMENDMENT/MODIFICATION NO. 0004		. REQUISITIC	DN/PURCHASE REQ. NO.	5. P	ROJECT NO. (If applicable)	
6. ISSUED BY NBC, ACQUISITION SERVICES DIVIS 300 E. MALLARD DR., STE 200 BOISE, ID 83706-3991	09/26/2011 CODE 00080 SION, BOISE BRANCH		7. ADMINISTERED BY (II NBC, ACQUISITION SEI 300 E. MALLARD DR., S BOISE, ID 83706-3991	RVICI	ES DIVISION, BOISE BRAN	00080 ICH
8. NAME AND ADDRESS OF CONTRA	ACTOR (No., street, co	ounty, State ar	nd Zip Code)		9A. AMENDMENT OF SO	LICITATION NO.
KENN BOREK AIR LTD					9B. DATED (SEE ITEM 1	1)
290 MCTAVISH RD NE, CALGARY,	ALBERTA,CANADA			(X)	10A. MODIFICATION OF O NO. D11PC30340	CONTRACT/ORDE
CODE 1	FACILITY	CODE		(X)	10B. DATED (SEE ITEM	13)
	- 19 C		TO AMENDMENTS OF S		ITATIONS	
Offers must acknowledge receipt of th (a) By completing Items 8 and 15, and submitted; or (c) By separate letter or TO BE RECEIVED AT THE PLACE D IN REJECTION OF YOUR OFFER. It letter, provided each telegram or letter	d returning copies o telegram which includes a refe DESIGNATED FOR THE REC f by virtue of this amendment	of the amendme ference to the so CEIPT OF OFFE you desire to ch	nt; (b) By acknowledging receip olicitation and amendment num (RS PRIOR TO THE HOUR AN ange an offer already submitte	ot of th bers. ID DA	is amendment on each copy of the FAILURE OF YOUR ACKNOW TE SPECIFIED MAY RESULT In change may be made by telego	he offer EDGMENT
12. ACCOUNTING AND APPROPRIAT	ION DATA (If required)		and to received pr		ne opening nour and date specin	
2011 WI - 6782 252L NO	NFT 466A24 IB	• • • •		52	2	
	13. THIS ITEM ONLY A IT MODIFIES THE C	PPLIES TO MO	DIFICATION OF CONTRACT	S/ORI	DERS. 14.	
CHECK ONE A. THIS CHANGE ORDER IS IS THE CONTRACT ORDER NO. II	SUED PURSUANT TO: (Spe					
B. THE ABOVE NUMBERED CO changes in paying office, appropr	ONTRACT/ORDER IS MODIF riation date, etc.) SET FORTH	FIED TO REFLE	CT THE ADMINISTRATIVE C	HANG TY OF	ES (such as FAR 43.103(b).	
C. THIS SUPPLEMENTAL AGR	EEMENT IS ENTERED INTO	PURSUANT T	O AUTHORITY OF:			
D. OTHER (Specify type of mod	lification and authority)					
E. IMPORTANT: Contractor is	not, X is required to	o sign this do	cument and return _1	conic	es to the issuing office.	
14. DESCRIPTION OF AMENDMENT/M A. Deobligate funds in the amount of \$1.	ODIFICATION (Organi			· ·	itation/contract subject matte	er where feasible.)
B. Accounting information: 2011.WI.678	2.252L.NONFT.466A24.18	В				
xcept as provided herein, all terms and conditions of						<u></u>
5A. NAME AND TITLE OF SIGNER (Ty)	pe or print)		AME AND TITLE OF CON	TRA	CTING OFFICER (Type or p	rint)
5B. CONTRACTOR/OFFERIOR	COF DS DATE SIG		nileo States of America			C. DATE SIGNED
(Signature of person aphprized to si ISN 7540-01-152-8070	IGN REQUIRED		Signature of Contractin	ng Off		FORM 30 (REV. 10-83)

NSN 7540-0	01-152-807
PREVIOUS	EDITION
UNUSABLE	

#### Detail to Modification 0001 to Contract D11PC30340

- A. Funds in the amount of (b) (4) are obligated to the contract for services described below.
- B. Services are ordered as identified as follows:
- CLIN A1: - Oct. 17, 2011 - Feb. *13,* 2012 120 days of Availability ordered (b) (4) ; Not to Exceed 492 Flight Hours CLIN A2: - Oct. 24, 2011 - Jan. 16, 2012 85 days of Availability ordered (b) (4) ; Not to Exceed 450 Flight Hours CLIN A3(b) (4) - Nov. 7, 2011 - Jan. **30**, 2012 85 days of Availability ordered (b) (4) Not to Exceed 450 Flight Hours CLIN A4(b) (4) - Oct. 17, 2011 - Feb. 13, 2012 117 days of Availability ordered (b) (4) ; Not to Exceed 450 Flight Hours CLIN A5 - Nov. 14, 2011 - Jan. 14, 2012 62 days of Availability; Not to Exceed 450 Flight Hours CLIN A6: - Nov. 28, 2011 - Feb. 3, 2012 68 days of Availability; Not to Exceed 450 Flight Hours - Oct. 17, 2011 - Nov. 5, 2011 CLIN A7: 20 days of Availability; Not to Exceed 76.5 Flight Hours Agreed upon rates for 2011/2012; Availability (D) (4) Agreed upon Mobilization rate of CLIN A9: Additional Crew Medium Utility - Oct. 17, 2011- Oct. 31, 2011 (15 days) Not to exceed (**b**) (**4**) per crewmember for deployment/redeployment costs CLIN A12: Cargo Handler November 1, 2011 – February 11, 2012 (103 days)

Not to exceed (b) (4) for deployment/redeployment costs

- C. Rates and total estimated value for the season are attached.
- D. The limitation of the Government's liability is (b) (4) Additional funds are anticipated by September 15, 2011.
- E. The Total Estimated Value of the Contract is (b) (4)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				- 1	L CONTRACT ID CODE	Page	
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITIO	ON/PURCHASE REO. NO	5 P	BOJECTNO (Manalicati	1 of 3	
0000	09/22/2011				in applicable	9	
6. ISSUED BY NBC, ACQUISITION SERVICES DIVIS	CODE 00080		7. ADMINISTERED BY (I	l othe	r than Item 6) CODE	00080	
300 E. MALLARD DR., STE 200 BOISE, ID 83708-3991	NON, BUISE BRANCH		NBC, ACQUISITION SEI 300 E. MALLARD DR., S BOISE, ID 83706-3991	RVIC	ES DIVISION, BOISE BRA	NCH	
8. NAME AND ADDRESS OF CONTRA	ACTOR (No. street	county, State a	nd Zin Code)	-	BA. AMENDMENT OF SC		
	() 0.000	outiny, otato a	10 20 000e)		PA. AMENDMENT OF SC	DIICITATION NO.	
KENN BOREK AIR LTD 290 MCTAVISH RD NE,CALGARY, ALBERTA,CANADA					9B. DATED (SEE ITEM 11)		
				(X)	10A. MODIFICATION OF NO. D11PC30340	CONTRACT/ORD	
CODE 1	E 1 FACILITY CODE			(20)	10B. DATED (SEE ITEM 13)		
		CHAT COULD IN THE	TO AMENDMENTS OF S				
The above numbered solicitation is am	ended as set forth in Item	14. The hour and	data prociliari for manint of Off	ULIC			
					is extended,	is not extended.	
Offers must acknowledge receipt of thi	s amendment prior to the i	hour and date spec	cified in the solicitation or as an	nender	, by one of the following metho	ods:	
submitted; or (c) By separate letter or t TO BE RECEIVED AT THE PLACE D	ESIGNATED FOR THE	reference to the so	dicitation and amondment num	bers. I	FAILURE OF YOUR ACKNOW	LEDGMENT	
IN REJECTION OF YOUR OFFER IF	by within of this amondate	COLLET OF OFFE	AS PHICH TO THE HOUR AN	DDAT	TE SPECIFIED MAY RESULT		
IN REJECTION OF YOUR OFFER. If letter, provided each telegram or letter ACCOLINTING AND APPROPRIATE	makes reference to the co	licitation and this	ango an offer already submittee	d, such	change may be made by teles	ram or	
2. ACCOUNTING AND APPROPRIATI			anenoment, and is received pri	or to th	a opening hour and date speci	fied.	
2011 WI - 6782 252L NOM	NFT 466A24 1	B					
	The second se	-	DIFICATION OF CONTRACTS				
	TI MODIFIES THE	CONTRACT/OR	DER NO. AS DESCRIBED IN I	TEM 1	4.		
THE CONTRACT ORDER IS ISS	UED PURSUANT TO: (S	pecify authority) T	HE CHANGES SET FORTH IN				
THE CONTRACT ORDER NO, IN	ITEM 10A	, , , , , , , , , ,			14 ARE MADE IN		
B. THE ABOVE NUMBERED CO changes in paying office, appropria	NTRACT/ORDER IS MOD ation date, etc.) SET FORT	FIED TO REFLE	CT THE ADMINISTRATIVE CH		ES (such as FAB 43 103(b)		
C. THIS SUPPLEMENTAL AGRE 52,212-4(c) Changes	EMENT IS ENTERED INT	O PURSUANT TO	O AUTHORITY OF:				
D. OTHER (Specify type of modified	cation and authonity)						
IMPORTANT: Contractor is n	ot, X is required	to sign this doc	ument and return 1 c	oples	to the issuing office.		
DESCRIPTION OF AMENDMENT/MC	DIFICATION (Organ	nized by UCF se	action headings, Including s	olicita	ation/contract subject matt	Br where feasible )	
e se	ritational Science Fou	noation;				1010101010101010101	
The Contractor shall provide the following (2) ready for installation (BEI) photos	ng items as described	n the attached	ounte for a price of (b) (d)				
			d and manufactured in an	ordan	co with the Ethics		
sign. The design shall be RFI for boht t	he <mark>(b) (4)</mark> and <mark>(b) (4)</mark>	Desid	n detailes shall be in acco	ntano	e with the attached denote	0 OPS-11-11	
0 (2) Spare Windows (blanks) oroduced	to the following one olf	anti	and a thickness of 3/8 inch	es (1	OMM).	9-	
Funds in the amount of (b) (4)	chilested for the	icuca no later o	nan November 1, 2011.				
Change the end dates of the order issue	obligated for the work	described.	a and the		12 		
Change the end dates of the order issue lude dates for configuration and reconfig	juration.	or by one day o	in each item, Updated ord	er she	et attached. All dates of p	erformance listed	
the limitation of the Government's oblig	ation in increased by	(4)	(b) (4) $to(b) (4)$				
The total estimated value of the contract	t is increased by (b) (4	from (b) (					
			7				
DI as provided herein, all terms and conditions of the	dominant advision of the build						
pt as provided herein, all terms and conditions of the		BA or 10A as hereto	fore changed, remains unchanged a ME AND TITLE OF CONTI	and in f	I force and effect.		
CONTRACTOPUOFFEROR	Ors. MAN	MIC MIC	HAEL_MCHARLANE		Ind OFFICER (Type or pr	uni)	
b. August	15C. DATE SIG	2-11	ed States of America	i'	160	. DATE SIGNED	
(Signature of person authorized to sign	- 29 5695	201 BY	1 June 11	Jar	gn 10	3/20 has	
540-01-152-8070			(Signature of Contracting	Office		104712011	
IOUS EDITION					STANDARD I Prescribed	FORM 30 (REV. 10 83) by GSA FAR (48 CFR)	
						53.243	

Termine D	<b>Orun</b>	30 (H	EV. 10
Prescribed	by GS	AFA	3 (48 C
	-,		1400
			53.

- A. Funds in the amount of (b) (4) are obligated to the contract for services described below.
- B. Services are ordered as identified as follows:

CLIN A1:(b) (4) - Oct. 17, 2011 - Feb. *13,* 2012 120 days of Availability ordered (b) (4) Not to Exceed 492 Flight Hours CLIN A2: (0) (4) - Oct. 24, 2011 - Jan. 16, 2012 85 days of Availability ordered (b) (4) ; Not to Exceed 450 Flight Hours CLIN A3: (b) (4) Nov. 7, 2011 - Jan. **30**, 2012 85 days of Availability ordered (b) (4) ; Not to Exceed 450 Flight Hours CLIN A4 (b) (4) - Oct. 17, 2011 - Feb. **13**, 2012 117 days of Availability ordered (b) (4) ; Not to Exceed 450 Flight Hours CLIN A5: (D) (4) - Nov. 14, 2011 - Jan. 14, 2012 62 days of Availability; Not to Exceed 450 Flight Hours CLIN A6:(b) (4) - Nov. 28, 2011 - Feb. 3, 2012 68 days of Availability; Not to Exceed 450 Flight Hours CLIN A7 (4) - Oct. 17, 2011 - Nov. 5, 2011 20 days of Availability; Not to Exceed 76.5 Flight Hours Agreed upon rates for 2011/2012; Availability (b) (4 Agreed upon Mobilization rate of (b) (4) CLIN A9: Additional Crew Medium Utility - Oct. 17, 2011- Oct. 31, 2011 (15 days) Not to exceed (b) (4) per crewmember for deployment/redeployment costs CLIN A12: Cargo Handler November 1, 2011 – February 11, 2012 (103 days)

Not to exceed (b) (4) for deployment/redeployment costs

- C. Rates and total estimated value for the season are attached.
- D. The limitation of the Government's liability is (b) (4). Additional funds are anticipated by September 15, 2011.

E. The Total Estimated Value of the Contract is (b) (4)

AMEN		CONTRACT	¢	CON	TRACT ID CODE	Page	
2. AMEND	MENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQU	SITION/PURCHASE REQ. NO.	5. PF	ROJEC	T NO. (If applicable		
0002	09/21/2011						
300 E. MA	D BY CODE 00080 QUISITION SERVICES DIVISION, BOISE BRANCH ALLARD DR., STE 200 0 83706-3991	7. ADMINISTERED BY (IF NBC, ACQUISITION SEF 300 E. MALLARD DR., S BOISE, ID 83706-3991	IVICE	ES DIV			
8. NAME	AND ADDRESS OF CONTRACTOR (No., street, county, S	late and Zip Code)	9A. AMENDMENT OF SOLICITATION NO.				
KENNI	BOREK AIR LTD			9B. D	ATED (SEE ITEM 1	1)	
290 MCTAVISH RD NE, CALGARY, ALBERTA, CANADA			(X)	NO. D11PC30340			
- 8			(X) 10B. DATED (SEE ITEM 13)				
CODE 1		PLIES TO AMENDMENTS OF S			INS		
	above numbered solicitation is amended as set forth in Item 14. The ho				is extended,	is not extended.	
Offe (a) sub TO	ers must acknowledge receipt of this amendment prior to the hour and de By completing Items 8 and 15, and returning copies of the am imitted; or (c) By separate letter or telegram which includes a reference to BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF REJECTION OF YOUR OFFER. If by virtue of this amendment you desi er, provided each telegram or letter makes reference to the solicitation and	ate specified in the solicitation or as an endment; (b) By acknowledging receip o the solicitation and amendment num F OFFERS PRIOR TO THE HOUR At re to change an offer already submitte	mende pt of th nbers, ND DA ed, suc	is amer FAILUI TE SPI h chang	Idment on each copy of RE OF YOUR ACKNOW CIFIED MAY RESULT ge may be made by tele	the offer /LEDGMENT gram or	
	UNTING AND APPROPRIATION DATA (If required) - WI - 6782 252L NONFT 466A24 IB	a a					
2011 -							
		TO MODIFICATION OF CONTRACT ACT/ORDER NO. AS DESCRIBED IN					
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify aut THE CONTRACT ORDER NO. IN ITEM 10A.	hority) THE CHANGES SET FORTH		M 14 A	RE MADE IN		
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO changes in paying office, appropriation date, etc.) SET FORTH IN ITE	REFLECT THE ADMINISTRATIVE ( M 14, PURSUANT TO THE AUTHOR	CHANG	GES (su F FAR 4	ich as I3.103(b).		
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURS	UANT TO AUTHORITY OF:				×.	
	D. OTHER (Specify type of modification and authority) C30 Limitation of the Government's Obligation		-				
E. IMPOR	TANT: Contractor X is not, is required to sign	this document and return	сор	ies to t	he issuing office.		
	RIPTION OF AMENDMENT/MODIFICATION (Organized by Wing Services in Support of the National Science Foundation	/ UCF section headings, includin	g soli	citation	/contract subject ma	tter where feasible.)	
		support ordered services throug	gh No	vembe	r 11, 2011.		
B. The lim	itation of the Government's obligation is increased by $(b)$ (4	) from (b) (4) to(b) (	4)				
C. The to	tal estimated value of the contract remains $at(b)$ (4)						
Europei on Pr	ovided herein, all terms and conditions of the document referenced in Item 9A or 10	A as beretolore changed, remains unchan	oed an	d in full f	prce and effect.		
	The AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CO MICHAEL_MCFARLANE				r print)	
15B. CON	ITRACTOR/OFFEROR 15C. DATE SIGNED	16B. United \$tates of America	9	1		16C. DATE SIGNED	
	FOR YOUR RECORDS	BY	La	la	1.57	9/21/201	
	nature of person authorized to sign)	(Signature of Contrac	ting C	Officer)		ARD FORM 30 (REV. 10-83)	
NSN 7540-01 PREVIOUS E UNUSABLE						ibed by GSA FAR (48 CFR) 53.243	

1

AMENDME	NT OF SOLICITA	TION/MODIF	ICATI	ON OF COM	TRACT	r	1. CONTRACT ID CODE	Page 1 of 3
2. AMENDMEN	T/MODIFICATION NO	3. EFFECTIV	DATE	4. REQUISITI	ON/PURCHASE P	EQ. NO. 5. P	ROJECT NO. (If applicable	e)
0001		08/25/2011						-
6. ISSUED BY		CODE	00080		7. ADMINISTER	ED BY (If othe	r than Item 6) CODE	00080
300 E. MALLAF	TION SERVICES DIVI 10 DR., STE 200	SION, BOISE È	RANCH		300 E. MALLAR	D DR., STE 2	ES DIVISION, BOISE BRA	NCH
BOISE, ID 8370	06-3991				BOISE, ID 8370	6-3991		
8. NAME AND	ADDRESS OF CONTR	ACTOR (No.	, street,	county, State a	Ind Zip Code)		9A. AMENDMENT OF S	DLICITATION NO.
KENN BORE	K AIR LTD						9B. DATED (SEE ITEM	11)
290 MCTAVI	SH RD NE,CALGARY,	ALBERTA,CA	NADA			(X)	10A. MODIFICATION OF NO. D11PC30340	CONTRACT/ORDE
						00	10B. DATED (SEE ITE	M 13)
CODE 1			FACILIT	Y CODE		(- )		
		ି 11. TH	S ITEM	ONLY APPLIE	S TO AMENDMEN	ITS OF SOLIC	CITATIONS	
	numbered solicitation is a						is extended, ed, by one of the following meth	is not extended.
TO BE RE IN REJEC letter, prov	ECEIVED AT THE PLACE	DESIGNATED FO If by virtue of this ar makes reference	OR THE R amendme e to the so	ECEIPT OF OFF ant you desire to o plicitation and this	ERS PRIOR TO THE change an offer alread	E HOUR AND Da dy submitted, su	FAILURE OF YOUR ACKNOW ATE SPECIFIED MAY RESULT ch change may be made by tele the opening hour and date spe	agram or
2011 WI	- 6782 252L NO	ONFT 466	A24	IB				
	<u> </u>				IODIFICATION OF C RDER NO. AS DESC			
	HIS CHANGE ORDER IS I CONTRACT ORDER NO.		NT TO: (	Specify authority)	THE CHANGES SE	T FORTH IN IT	EM 14 ARE MADE IN	
	HE ABOVE NUMBERED ( ges in paying office, appro						•	2
	HIS SUPPLEMENTAL AG 212-4(c) Chnages: Limi				TO AUTHORITY OF	8		
D. 0	THER (Specify type of mo	dification and aut	hority)					
	Contractor	s not. X	s require	d to sign this c		- 1	ies to the issuing office.	
					locument and reni	m i com		

See Attached Detailed Description to this Modification

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or pl	rint)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)					
		MICHAEL_MCFARLANE					
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. United States of America	16C. DATE SIGNED				
	KGM 8 2011	BY Marken Jaka	9/8/2017				
(Signature of person authorized to sign)	pian - jo -in	(signature of Contracting Officer)	1/0/001/				
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	т),		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243				



- A. Funds in the amount of (b) (4) are obligated to the contract for services described below.
- B. Services are ordered as identified as follows:
- CLIN A1:(0) (4) - Oct. 17, 2011 - Feb. 14, 2012 120 days of Availability ordered (b) (4) ; Not to Exceed 492 Flight Hours CLIN A2: Oct. 24, 2011 - Jan. 17, 2012 85 days of Availability ordered (b) (4) Not to Exceed 450 Flight Hours CLIN A3(0) (4) - Nov. 7, 2011 - Jan. 31, 2012 85 days of Availability ordered (0) (4) Not to Exceed 450 Flight Hours CLIN A4:(b) (4) - Oct. 17, 2011 - Feb. 14, 2012 120 days of Availability ordered (0) (4) ; Not to Exceed 450 Flight Hours CLIN A5: (0) (4) - Nov. 14, 2011 - Jan. 15, 2012 62 days of Availability; Not to Exceed 450 Flight Hours CLIN A6: - Nov. 28, 2011 - Feb. 4, 2012 68 days of Availability; Not to Exceed 450 Flight Hours CLIN A7:(b) (4) - Oct. 17, 2011 - Nov. 6, 2011 20 days of Availability; Not to Exceed 76.5 Flight Hours Agreed upon rates for 2011/2012; Availability Agreed upon Mobilization rate of (D) (4) CLIN A9: Additional Crew Medium Utility - Oct. 17, 2011- Nov. 1, 2011 (15 days) Not to exceed (b) (4) per crewmember for deployment/redeployment costs CLIN A12: Cargo Handler November 1, 2011 – February 12, 2012 (103 days)

Not to exceed (b) (4) for deployment/redeployment costs

- C. Rates and total estimated value for the season are attached.
- D. The limitation of the Government's liability is (b) (4) Additional funds are anticipated by September 15, 2011.
- E. The Total Estimated Value of the Contract is (b) (4)



# United States Department of the Interior

National Business Center Aviation Management 300 E. Mallard Dr., Ste 200 Boise, Idaho 83706-3991



In reply refer to: September 14, 2012

Mr. John Harmer, President Kenn Borek Air, Ltd. 290 McTavish Road, N.E. Calgary, Alberta Canada T2E 7G5

Subject: Contract D12PC00113, Fixed Wing Services in Support of the National Science Foundation, Antarctica

Dear Mr. Harmer:

In our letter of August 31, we exercised our option pursuant to paragraph C25 Option to Extend the Term of the Contract for the first option, second contract year, September 1, 2012 through August 31, 2013 and stated that a modification would follow. This letter transmits that executed modification.

In addition to exercising the option, the modification removes excess funding from the existing line items; reobligates those funds to this year's requirements plus some additional funding; details the total funding and reporting dates for this year's requirements (items 00260 thru 00310); directs one of the (b) (4) (b) (4) (item 00270) to initially report to Rothera vs McMurdo; and adjusts the unit prices as a result of the Economic Price Adjustment clause.

If you have questions, please contact Mike Willis at the above address or 208-433-5019.

Sincerely,

Medeen

John Hedeen Contracting Officer

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF	PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. F	REQUISITION/PURCHASE REQ. NO.	5. PR0	JECT NO.	9 (If applicable)
0004	09/01/2012	00	40060737			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
6. ISSUED BY CODE	D41	7.1	ADMINISTERED BY (If other than Item 6)	CODE	D41	
DOI, National Business Cente Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	er, AQD	Su Di 30	DI, National Business Cent Dite 200 Lyision 4/ Branch 1 DO East Mallard Drive Dise ID 83706	ter,		
8. NAME AND ADDRESS OF CONTRACTOR (No., street	t, county, State and ZIP Code)	(~)	9A. AMENDMENT OF SOLICITATION NO.			
BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH ROAD NE CALGARY AB T2E 7G5		x	9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO D12PC00113 10B. DATED (SEE ITEM 13)	0.		
CODE 0071061255	FACILITY CODE		01/05/2012			
	11. THIS ITEM ONLY APPLIES TO A					
Offers must acknowledge receipt of this amendment p Items 8 and 15, and returning co separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an offe to the solicitation and this amendment, and is received 12. ACCOUNTING AND APPROPRIATION DATA ( <i>If rec</i>	pies of the amendment; (b) By acknowled to the solicitation and amendment numb DFFERS PRIOR TO THE HOUR AND D r already submitted, such change may b I prior to the opening hour and date spect	dging ers. ATE : e mad ified.	receipt of this amendment on each copy of the offer FAILURE OF YOUR ACKNOWLEDGEMENT TO E SPECIFIED MAY RESULT IN REJECTION OF YO de by telegram or letter, provided each telegram or	er subm BE REC UR OFI letter m	itted; or (c) EIVED AT FER. If by akes refere	By
See Schedule	Net	: I1	ncrease: \$1	,470	,986.	51
13. THIS ITEM ONLY APPLIES TO M	ODIFICATION OF CONTRACTS/ORDER	<b>S.</b> IT	MODIFIES THE CONTRACT/ORDER NO. AS DES	CRIBE	D IN ITEM 1	14.
			ADMINISTRATIVE CHANGES (such as changes in TY OF FAR 43.103(b).			
C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PURSUANT TO A	UTH	DRITY OF:			
D. OTHER (Specify type of modification						
X C25 Option to Extend, C30	Limitation of Government	's	Obligation, C31.2 Economic Pric	e Adj	ustment	5
E. IMPORTANT: Contractor is not.	x is required to sign this document and	d retu	m1_ copies to the issuing	office.		
14 DESCRIPTION OF AMENDMENT/MODIFICATION FLIGHT SERVICES PROVIDED IN S WING PROGRAM A. The purpose of this modific contract for the first option 2013.	SUPPORT OF THE NATIO	NAL se	the option to extend the	ARCTI	n of t	his
B. Funds in the amount of (b) items ending on August 30, 20		gat	ed from the base contract	: yea	ar lin	e
C. Funds in the amount of (b Government's Obligation to th Continued	ne contract to provid	de		imat	ely	on of
Except as provided herein, all terms and conditions of the	e document referenced in Item 9A or 10A					
15A. NAME AND TITLE OF SIGNER (Type or print)			A. NAME AND TITLE OF CONTRACTING OFFICE	ER (Typ	e or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	-	B. UNITED STATES OF AMERICA		16C.	DATE SIGNED
(Signature of person authorized to sign)		-	(Signature of Contracting Officer)			
NSN 7540-01-152-8070 Previous edition unusable	I	_	STA		D FORM 30 by GSA	) (REV. 10-83)

First FAR (48 CFR) 53.243

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	December 15, 2012. D. See the attached Al Schedule of Items for the adjusted unit prices in accordance with C31.2 Economic Price Adjustment				
	Period of Performance: 09/01/2011 to 08/31/2016				
	Change Item 00010 to read as follows(amount shown is the obligated amount):				
	ANTARCTIC FIXED WING SUPPORT				
0010	(b)(4) Obligated Amount: (b)(4)				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Unknown				
	ANTARCTIC FIXED WING SUPPORT				
	Change Item 00020 to read as follows(amount shown is the obligated amount):				
	ANTARCTIC FIXED WING SUPPORT				
020	(b)(4) Obligated Amount: (b)(4)				<b>(b)</b>
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination	24		20 12	
	Change Item 00030 to read as follows(amount shown is the obligated amount):				
	Continued				

PAGE

2

OF

CONTINUATION SUFET	REFERENCE NO. OF DOCUMENT BEING CONTINUED
CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED D12PC00113/0004

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE	AMOUNT (F)
00030	(b)(4) Obligated Amount:(b)(4) Accounting Info:				(b) (4)
	01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination				
	Change Item 00050 to read as follows(amount shown is the obligated amount):				
00050	(b) (4) Obligated Amount: (b) (4)				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b)(4) FOB: Destination				
	Change Item 00060 to read as follows(amount shown is the obligated amount):				
00060	(b)(4) Obligated Amount: (b)(4)				(b) (4)
	Accounting Info: 03 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 03 Funded: (b) (4) Accounting Info: 04 Account Assignment: K G/L Account: 6100.252L0 Continued				
				(1) 245	

PAGE

3

OF

CONTINUATION SHEET

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Business Area: D000 Commitment Item: 252L00 Cost Center: D568677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: D568677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 04 Funded: (b) (4) FOB: Destination				ž
	Change Item 00070 to read as follows(amount shown is the obligated amount):				
0070	(b)(4) Obligated Amount: (b)(4)				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination				
	Change Item 00080 to read as follows(amount shown is the obligated amount):				
0080	ADDITIONAL CREW Obligated Amount: (b)(4)				(b) (4)
1.52	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: D)(4) FOB: Destination				
	Change Item 00090 to read as follows(amount shown is the obligated amount):				
090	CARGO HANDLER Continued				(b) (4)
	· .				

PAGE

4

OF

CONTINUATION SUFET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF	
CONTINUATION SHEET	D12PC00113/0004	5	9	,
NAME OF OFFEROR OR CONTRACT			<u> </u>	

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE	AMOUNT (F)
	Obligated Amount: (b)(4)	-	$\vdash$		
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination				*
	Change Item 00107 to read as follows(amount shown is the obligated amount):				
00107	(b)(4) Obligated Amount: (b)(4)				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (D) (4) FOB: Destination			8	
	Additional fund for FY 2011-2012 Field Season				
	Change Item 00108 to read as follows(amount shown is the obligated amount):				
00108	(b)(4) Obligated Amount: (b)(4)				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination				0 92
	Additional fund for FY 2011-2012 Field Season Continued				

BOREK, KENN ITEM NO. (A) Ch is 00109 Ob Ac 01 Bu Ce DW DS As Fu FO Ad Ch. is	SUPPLIES/SERVICES (B) supplies/SERVICES (B) hange Item 00109 to read as follows (amount shown s the obligated amount): (4) oligated Amount: (b)(4) ccounting Info: 1 Account Assignment: K G/L Account: 6100.252L0 usiness Area: D000 Commitment Item: 252L00 Cost enter: D568677000 Functional Area: WDCA0000.IB0000 Fund: XXXD4523WD Fund Center: 568677000 Project/WBS: DR.NONFT.12NSF664 PR Acct ssign Line: 01 unded: (b)(4) DB: Destination Editional funds for FY 2011-2012 Field Season hange Item 00110 to read as follows (amount shown s the obligated amount):	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	амоцит (F)
(A) Ch is 00109 Ob Ac 01 Bu Ce DW DS As Fu F0 Ad Ch is	(B) hange Item 00109 to read as follows (amount shown s the obligated amount): (4) oligated Amount: (b)(4) ccounting Info: 1 Account Assignment: K G/L Account: 6100.252L0 usiness Area: D000 Commitment Item: 252L00 Cost enter: DS68677000 Functional Area: WDCA0000.IB0000 Fund: XXXD4523WD Fund Center: S68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct ssign Line: 01 unded: (b)(4) DB: Destination dditional funds for FY 2011-2012 Field Season hange Item 00110 to read as follows (amount shown	1			
is 00109 Ob Ac 01 Bu Ce DW DS As Fu FO Ad Ch. is	s the obligated amount): (4) oligated Amount: (b)(4) ccounting Info: 1 Account Assignment: K G/L Account: 6100.252L0 usiness Area: D000 Commitment Item: 252L00 Cost enter: DS68677000 Functional Area: WDCA0000.IB0000 Fund: XXXD4523WD Fund Center: S68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct ssign Line: 01 unded: (b)(4) DB: Destination dditional funds for FY 2011-2012 Field Season hange Item 00110 to read as follows(amount shown				(b) (4
Ob Ac Ol Bu Ce DW DS As Fu FO Ad Ch. is	bligated Amount: (b)(4) ccounting Info: 1 Account Assignment: K G/L Account: 6100.252L0 usiness Area: D000 Commitment Item: 252L00 Cost enter: DS68677000 Functional Area: WDCA0000.IB0000 Fund: XXXD4523WD Fund Center: S68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct ssign Line: 01 unded: (b)(4) DB: Destination dditional funds for FY 2011-2012 Field Season hange Item 00110 to read as follows (amount shown				(b) (4
01 Bu Ce DW DS As Fu FO Ad Ch. is	Account Assignment: K G/L Account: 6100.252L0 Usiness Area: D000 Commitment Item: 252L00 Cost enter: DS68677000 Functional Area: WDCA0000.IB0000 Fund: XXXD4523WD Fund Center: S68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct ssign Line: 01 unded: (b) (4) DB: Destination dditional funds for FY 2011-2012 Field Season hange Item 00110 to read as follows (amount shown				
Ch	hange Item 00110 to read as follows(amount shown				
is					
	(4) Dligated Amount: (b) (4)				(b) (4)
01 Bu: Cer DW DS As: Fu	counting Info: Account Assignment: K G/L Account: 6100.252L0 asiness Area: D000 Commitment Item: 252L00 Cost enter: DS68677000 Functional Area: MDCA0000.IB0000 Fund: XXXD4523WD Fund Center: S68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct asign Line: 01 anded: (b) (4) DB: Destination				5
Add	ditional funds for FY 2011-2012 Field Season				
Car	ncel Item 00111 in its entirety.				
Car	ncel Item 00120 in its entirety.				
	ange Item 00130 to read as follows(amount shown the obligated amount):	21			
00130 (b) ( 0b)	(4) ligated Amount: (b) (4)				(b) (4)
Cor	ntinued				

NSN 7540-01-152-8067

	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF	
CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED D12PC00113/0004	7	1 9	)
NAME OF OFFEROR OR CONTRACT	OR COR			-

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination Additional funds for FY 2011-2012 Field Season Add Item 00260 as follows:				
00260	(b)(4) Obligated Amount: (b)(4)				(b) (4)
	Accounting Info: 02 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 02 Funded: (b) (4) FOB: Destination				
	Exclusive Use $(b)$ $(4)$ Project performance period is October 18, 2012 through February 8, 2013, $(b)$ $(4)$				
	Add Item 00270 as follows:				
00270	<pre>(b) (4) Obligated Amount: (D) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (D) (4) FOB: Destination Exclusive Use (D) (4) period is October 26, 2012 through January 26, Continued</pre>				<b>(b) (4)</b>
SN 7540-01-152-8	067	n i			OPTIONAL FORM 336 (4-86)

CONTINUATION OUFFT	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE (	OF
CONTINUATION SHEET	D12PC00113/0004	8	9

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	I	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E) =	(F)
	2013, (D) (4) The aircraft is hereby directed to report to Rothera and provide flight services in accordance with C4 Designated Bases. Upon direction from the Government, the aircraft will eventually proceed to McMurdo Station. Add Item 00280 as follows:				
0280	(b) (4)				(b) $(4)$
10280	Obligated Amount: (b) (4)	÷			(D) (4)
8.	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination				
	Exclusive Use (b) (4) Projected performance period is November 8, 2012 through February 2, 2013, (b) (4)				į.
	Add Item 00290 as follows:				
0290	(b) (4) Obligated Amount: (b) (4)				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (D) (4) FOB: Destination			77	D.
	Exclusive Use (b) (4) Projected performance period is October 18, 2012 through February 8, 2013, (b) (4)				
	Add Item 00300 as follows:		1		
	Continued				
	<i>х</i>		S.	2	

CONTIN	IUATION SHEET REFERENCE NO. OF DOCUMENT BEING CONTINUED D12PC00113/0004			=	PAGE OF 9 9
	FEROR OR CONTRACTOR KENN AIR LTD				
ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	1 · · · ·	AMOUNT (F)
00300	Cargo Handler Obligated Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination Add Item 00310 as follows:				(b) (4)
00310	ADDITIONAL CREW Obligated Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination				<b>(b) (4)</b>
		2	17		э • 17

CLIN	DESCRIPTION 2011-2012 Field Season	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A1.aa	Daily Availability	AV	(b) (4)	DAYS		
A1.ab	Flight Hours	FT		FLIGHT HOURS		
A1.ac	Additional Days – Availability	AV		DAYS		
A1.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

**BASE YEAR – ESTIMATED TOTAL 2012** 

CLIN	DESCRIPTION 2012-2013 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED	
A1.ba	Daily Availability	AV	(b) (4)	DAYS			
A1.bb	Flight Hours	FT		FLIGHT HOURS			
A1.bc	Additional Days – Availability	AV		DAYS			
A1.bd	Mobilization to McMurdo Station	SC		LUMP SUM			
A1.be	Demobilization from McMurdo Station	SC		LUMP SUM			
	<b>OPTION YEAR 1 – ESTIMATED TOTAL 2013</b>						

CLIN	DESCRIPTION 2013-2014 Field Season	ITEM CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A1.ca	Daily Availability	AV	(b) (4)	DAYS	$(\mathbf{b})$	
A1.cb	Flight Hours	FT		FLIGHT HOURS		
A1.cc	Additional Days – Availability	AV		DAYS		
A1.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
	OPTIC	ON YEAR	2 – ESTIMATE	D TOTAL 2014		

CLINA	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A1.da	Daily Availability	AV	(b) (4)	DAYS		
A1.db	Flight Hours	FT		FLIGHT HOURS		
A1.dc	Additional Days – Availability	AV		DAYS LUMP		
A1.dd	Mobilization to McMurdo Station	SC		SUM		
A1.de	Demobilization from McMurdo Station	SC		LUMP SUM		

### **OPTION YEAR 3 – ESTIMATED TOTAL 2015**

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted	Adjusted EXTENDED
A1.ea	Daily Availability	AV	(b) (4)	DAYS		
				FLIGHT		
A1.eb	Flight Hours	FT		HOURS		
A1.ec	Additional Days – Availability	AV		DAYS		
				LUMP		
A1.ed	Mobilization to McMurdo Station	SC		SUM		
				LUMP SUM		
A1.ee	Demobilization from McMurdo Station	sc				

#### **OPTION YEAR 4 - ESTIMATED TOTAL 2016**

# TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A1



# CLIN A2 - (b) (4)

CLIN	DESCRIPTION 2011-2012 Field Season	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A2.aa	Daily Availability	AV	(b) (4)	DAYS		
	Flight Hours	FT		FLIGHT HOURS		
A2.ac	Additional Days – Availability	AV		DAYS		
A2.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

### BASE YEAR - ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	ITEM CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A2.ba	Daily Availability	AV	(b) (4)	DAYS		
A2.bb	Flight Hours	FT		FLIGHT HOURS		
A2.bc	Additional Days – Availability	AV		DAYS		
	Mobilization to McMurdo Station	sc		LUMP SUM		
A2.be	Demobilization from McMurdo Station	sc		LUMP SUM		

### **OPTION YEAR 1 – ESTIMATED TOTAL 2013**

CLIN	DESCRIPTION 2013-2014 Field Season	ITEM CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A2.ca	Daily Availability	AV	(b) (4)	DAYS		
42.4		E		FLIGHT		
A2.cb	Flight Hours	FT		HOURS		
A2.cc	Additional Days – Availability	AV		DAYS		
A2.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

#### **OPTION YEAR 2 – ESTIMATED TOTAL 2014**

CLIN	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A2.da	Daily Availability	AV	(b) (4)	DAYS		
				FLIGHT		
A2.db	Flight Hours	<u>FT</u>		HOURS		
A2.dc	Additional Days – Availability	AV		DAYS		
A2.dd	Mobilization to McMurdo Station	sc		LUMP SUM		
	A COMPANY TO MANAGE TO DURING	50		LUMP		
A2.de	Demobilization from McMurdo Station	SC		SUM		

### **OPTION YEAR 3 – ESTIMATED TOTAL 2015**

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A2.ea	Daily Availability	AV	(b) (4)	DAYS		
A2.eb	Flight Hours	FT		FLIGHT HOURS		
A2.ec	Additional Days – Availability	AV		DAYS		
A2.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 

# TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A2





## CLIN A3 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A3.aa	Daily Availability	AV	(b) (4)	DAYS		
A3.ab	Flight Hours	FT		FLIGHT HOURS		
A3.ac	Additional Days – Availability	AV		DAYS		
A3.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ae	Demobilization from McMurdo Station	SC	R – ESTIMATE	LUMP SUM		

) TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A3.ba	Daily Availability	AV	(b) (4)	DAYS		
A3.bb	Flight Hours	FT		FLIGHT HOURS		
A3.bc	Additional Days - Availability	AV		DAYS		
A3.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.be	Demobilization from McMurdo Station	SC		LUMP SUM		

# **OPTION YEAR 1 – ESTIMATED TOTAL 2013**

CLIN	DESCRIPTION 2013-2014 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A3.ca	Daily Availability	AV	(b) (4)	DAYS		
A3.cb	Flight Hours	FT		FLIGHT HOURS		
A3.cc	Additional Days - Availability	AV		DAYS		
A3.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ce	Demobilization from McMurdo Station	sc		LUMP SUM		
		OF	TION YEAR 2	- ESTIMATED		

CLIN	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A3.da	Daily Availability	AV	(b) (4)	DAYS		
				FLIGHT		
A3.db	Flight Hours	FT		HOURS		
A3.dc	Additional Days - Availability	AV		DAYS		
				LUMP		
A3.dd	Mobilization to McMurdo Station	SC		SUM		
				LUMP		
A3.de	Demobilization from McMurdo Station	SC		SUM		
		OI	TION YEAR 3	- ESTIMATED		

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A3.ea	Daily Availability	AV	(b) (4)	DAYS		
A3.eb	Flight Hours	FT		FLIGHT HOURS		
A3.ec	Additional Days - Availability	AV		DAYS		
A3.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

ESTIMATED ION IEAK 4

# TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A3





### **CLIN A4 PRICING**

CLIN	DESCRIPTION 2011-2012 Field Season	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A4.aa	Daily Availability	AV	(b) (4)	DAYS		
A4.ab	Flight Hours	FT		FLIGHT HOURS		
A4.ac	Additional Days - Availability	AV		DAYS		
A4.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

# BASE YEAR - ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A4.ba	Daily Availability	AV	(b) (4)	DAYS		
A4.bb	Flight Hours	FT		FLIGHT HOURS		
A4.bc	Additional Days - Availability	AV		DAYS		
A4.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.be	Demobilization from McMurdo Station	SC		LUMP SUM		

# **OPTION YEAR 1 – ESTIMATED TOTAL 2013**

CLIN	DESCRIPTION 2013-2014 Field Season	PAY CODE	OUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A4.ca	Daily Availability	AV	(b) (4)	DAYS	(h)	
A4.cb	Flight Hours	FT		FLIGHT HOURS		
A4.cc	Additional Days - Availability	AV		DAYS		
A4.cd	Mobilization to McMurdo Station	sc		LUMP SUM		
A4.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

# **OPTION YEAR 2 – ESTIMATED TOTAL 2014**

CLIN	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A4.da	Daily Availability	AV	(b) (4)	DAYS	(h)	
A4.db	Flight Hours	FT		FLIGHT HOURS		
A4.dc	Additional Days - Availability	AV		DAYS		
A4.dd	Mobilization to McMurdo Station	sc		LUMP SUM		
A4.de	Demobilization from McMurdo Station	SC		LUMP SUM		

#### **OPTION YEAR 3 – ESTIMATED TOTAL 2015**

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	OUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A4.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	
A4.eb	Flight Hours	FT		FLIGHT HOURS		
A4.ec	Additional Days - Availability	AV		DAYS		
	Mobilization to McMurdo Station	sc		LUMP SUM		
1	Demobilization from McMurdo Station	sc		LUMP SUM		

## **OPTION YEAR 4 – ESTIMATED TOTAL 2016**

# TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A4



# CLIN A5 -(b) (4) - "ON CALL"

CLIN	DESCRIPTION 2011-2012 Field Season	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A5.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	
A5.ab	Flight Hours	FT		FLIGHT HOURS		
A5.ac	Additional Days - Availability	AV		DAYS		
A5.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ae	Demobilization from McMurdo Station	SC	R – ESTIMATE	LUMP SUM		

CLIN	DESCRIPTION 2012-2013 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A5.ba	Daily Availability	AV	(b) (4)	DAYS	(h)	
A5.bb	Flight Hours	FT		FLIGHT HOURS		
A5.bc	Additional Days - Availability	AV		DAYS		
A5.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED		
A5.ca	Daily Availability	AV	(b) (4)	DAYS				
A5.cb	Flight Hours	FT		FLIGHT HOURS				
A5.cc	Additional Days - Availability	AV		DAYS				
A5.cd	Mobilization to McMurdo Station	sc		LUMP SUM				
A5.ce	Demobilization from McMurdo Station	sc		LUMP SUM				
	OPTION YEAR 2 - ESTIMATED TOTAL 2014							

CLIN	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED			
A5.da	Daily Availability	AV	(b) (4)	DAYS	(h)				
A5.db	Flight Hours	FT		FLIGHT HOURS					
A5.dc	Additional Days - Availability	AV		DAYS					
A5.dd	Mobilization to McMurdo Station	SC		LUMP SUM					
A5.de	Demobilization from McMurdo Station	SC		LUMP SUM					
	<b>OPTION YEAR 3 – ESTIMATED TOTAL 2015</b>								

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED		
A5.ea	Daily Availability	AV	(b) (4)	DAYS				
A5.eb	Flight Hours	FT		FLIGHT HOURS				
A5.ec	Additional Days - Availability	AV		DAYS				
A5.ed	Mobilization to McMurdo Station	SC		LUMP SUM				
A5.ee	Demobilization from McMurdo Station	SC		LUMP SUM				
	<b>OPTION YEAR 4 – ESTIMATED TOTAL 2016</b>							

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C5

.

(b) (4)

CLIN A6 - (b) (4) - "ON CALL"

CLIN	DESCRIPTION 2011-2012 Field Season	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED		
A6.aa	Daily Availability	AV	(b) (4)	DAYS				
A6.ab	Flight Hours	FT		FLIGHT HOURS				
A6.ac	Additional Days - Availability	AV		DAYS				
A6.ad	Mobilization to McMurdo Station	SC		LUMP SUM				
A6.ae	Demobilization from McMurdo Station	SC		LUMP SUM				
	BASE YEAR - ESTIMATED TOTAL 2012							

CLIN	DESCRIPTION 2012-2013 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A6.ba	Daily Availability	AV	(b) (4)	DAYS		
A6.bb	Flight Hours	FT		FLIGHT HOURS		
A6.bc	Additional Days - Availability	AV		DAYS		
A6.bd	Mobilization to McMurdo Station	sc		LUMP SUM		
A6.be	Demobilization from McMurdo Station	SC		LUMP SUM		
		<b>DN YEAR</b>	1 – ESTIMATE	D TOTAL 2013		

CLIN	DESCRIPTION 2013-2014 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A6.ca	Daily Availability	AV	(b) (4)	DAYS		
A6.cb	Flight Hours	FT		FLIGHT HOURS		
A6.cc	Additional Days - Availability	AV		DAYS		
A6.cd	Mobilization to McMurdo Station	sc		LUMP SUM		
A6.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
	OPTIC	D TOTAL 2014				

CLIN	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED	
A6.da	Daily Availability	AV	(b) (4)	DAYS	(h)		
A6.db	Flight Hours	FT		FLIGHT HOURS			
A6.dc	Additional Days - Availability	AV		DAYS			
A6.dd	Mobilization to McMurdo Station	sc		LUMP SUM			
A6.de	Demobilization from McMurdo Station	SC		LUMP SUM			
<b>OPTION YEAR 3 – ESTIMATED</b>							

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED			
A6.ea	Daily Availability	AV	(b) (4)	DAYS					
				FLIGHT					
A6.eb	Flight Hours	FT		HOURS					
	ж.								
A6.ec	Additional Days - Availability	AV		DAYS					
				LUMP					
A6.ed	Mobilization to McMurdo Station	SC		SUM					
				LUMP					
A6.ee	Demobilization from McMurdo Station	SC		SUM					
	OPTION YEAR 4 - ESTIMATED TOTAL 2016								

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C6 (b) (4)

# CLIN A7 -(b) (4) "ON CALL" – Mutual Agreement

CLIN	2011-2012 Field Season DESCRIPTION	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A7.aa	Daily Availability	AV	(b) (4)	DAYS		
A7.ab	Flight Hours	FT		FLIGHT HOURS		
A7.ac	Additional Days - Availability	AV		DAYS		
A7.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.af	Daily Availability Daily Availability	AV AV		DAYS DAYS		
	В	ASE YEA	R – ESTIMATE	D TOTAL 2012		

CLIN	2012-2013 Field Season DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A7.ba	Daily Availability	AV	(b) (4)	DAYS		
A7.bb	Flight Hours	FT		FLIGHT HOURS		
A7.bc	Additional Days - Availability	AV		DAYS		
A7.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.be	Demobilization from McMurdo Station	SC		LUMP SUM		
	Daily Availability (b) (4)	AV AV		DAYS DAYS		
	OPTIC	<b>DN YEAR</b>	1 – ESTIMATE	D TOTAL 2013		

CLIN	DESCRIPTION 2013-2014 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A7.ca	Daily Availability	AV	(b) (4)	DAYS		
A7.cb	Flight Hours	FT		FLIGHT HOURS		
A7.cc	Additional Days - Availability	AV		DAYS		
A7.cd	Mobilization to McMurdo Station	sc		LUMP SUM		
A7.ce	Demobilization fr <u>om McMurdo</u> Station	sc		LUMP SUM		
A7.cf A7.cg	Daily Availability (b) (4)	AV AV		DAYS DAYS		
			2 – ESTIMATE			

CLIN	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A7.da	Daily Availability	AV	(b) (4)	DAYS		
A7.db	Flight Hours	FT		FLIGHT HOURS		
A7.dc	Additional Days - Availability	AV		DAYS		
A7.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.df A7.dg	Daily Availability Daily Availability (b) (4)	AV AV		DAYS DAYS		
	OPTI	ON YEAR	3 – ESTIMATE	D TOTAL 2015		

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	OUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A7.ea	Daily Availability	AV	(b) (4)	DAYS		
A7.eb	Flight Hours	FT		FLIGHT HOURS		
A7.ec	Additional Days - Availability	AV		DAYS		
A7.ed	Mobilization to McMurdo Station	= SC		LUMP SUM		
A7.ee	Demobilization from McMurdo Station	SC		LUMP SUM		
	Daily Availability (D) (4)	AV AV		DAYS DAYS		

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C7



# SCHEDULE A - CONTRACT LINE ITEM NUMBERS (CLINs 8-14)

ADDITI	onal flight crew <mark>(b) (4)</mark>		2 person crew	s PIC/SIC)		
		PAY			Adjusted	Adjusted
CLIN	DESCRIPTION (9/01-8/31)	CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A8.aa	2011 Additional (b) (4) Flight Crew	P01	(b) (4)	DAYS	(h)	
A8.ab	2012 Additional Flight Crew	P01		DAYS		
A8.ac	2013 Additional Flight Crew	P01		DAYS		
A8.ad	2014 Additional Flight Crew	P01		DAYS		
A8.ae	2015 Additional Flight Crew	P01		DAYS	-	
Abiat	2015 Additional	101		DAIS		
AI	DDITIONAL FLIGHT CREWS <mark>(b) (4)</mark>	— E	ESTIMATED TO	TAL 5 YEARS		
ADDITIC	onal flight crew(b) (4)		(2 person cr	ew PIC/SIC)		
		PAY			Adjusted	Adjusted
CLIN	DESCRIPTION (9/01-8/31)	CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A9.aa	2011 Additional (D) (4) Flight Crew	P01	(b) (4)	DAYS		
	2012 Additional Flight					
A9.ab	Crew	P01		DAYS		
	2013 Additional Flight					
A9.ac		P01		DAYS		
A9.ad	2014 Additional Flight	P01		DAVE		
AJ.au	2015 Additional Flight	FVI		DAYS		
A9.ae	Crew	P01		DAYS		
	itional flight crews <mark>(d) (4)</mark> Dnal mechanic	– E	STIMATED TO			
	DESCRIPTION (9/01-8/31)	PAY			Adjusted	Adjusted
CLIN	DESCRIF 1101 (7/01-8/31)	CODE		UNIT	UNIT PRICE	EXTENDED
A10.aa	2011 Mechanic	мс	(b) (4)	DAYS		
A10.ab	2012 Mechanic	мс		DAYS		(4)
A10.ac	2013 Mechanic	MC		DAYS		
A10.ad	2014 Mechanic	_MC		DAYS		
A10.ae	2015 Mechanic	мс		DAYS		

**MECHANICS – ESTIMATED TOTAL 5 YEARS** 

#### **APPRENTICE MECHANIC**

CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A11.aa	2011 Apprentice Mechanic	мс	(b) (4)	DAYS		
A11.ab	2012 Apprentice Mechanic	мс		DAYS		
A11.ac	2013 Apprentice Mechanic	мс		DAYS		
A11.ad	2014 Apprentice Mechanic	МС		DAYS		
A11.ae	2015 Apprentice Mechanic	мс		DAYS		

**APPRENTICE MECHANICS – ESTIMATED TOTAL 5 YEARS** 

#### CARGO HANDLER

CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A12.aa	2011 Cargo Handler	P50	(b) (4)	DAYS		
A12.ab	2012 Cargo Handler	P50		DAYS		
A12.ac	2013 Cargo Handler	P50		DAYS		
A12.ad	2014 Cargo Handler	P50		DAYS		
A12.ae	2015 Cargo Handler	P50		DAYS		

CARGO HANDLERS - ESTIMATED TOTAL 5 YEARS

SHOP R	$\operatorname{ATE FOR}(b) (4)$		-			
CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A13.aa	2011 Shop Rates(b) (4)	TBD	(b) (4)	DAYS	(h)	
A13.ab	2012 Shop Rates(b) (4)	TBD		DAYS		
A13.ac	2013 Shop Rates(b) (4)	TBD		DAYS		
A13.ad	2014 Shop Rates(b) (4)	TBD		DAYS		
A13.ae	2015 Shop Rates(b) (4)	TBD		DAYS		
	$_{\text{SHOP RATE,}}(b)$ (4)	– E	STIMATED TO	TAL 5 YEARS	; (b	) (4)

	SCRIPTION	PAY			Adjusted	Adjusted
LIN DE	ESCRIPTION	CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
14.aa 201	11 Shop Rates(b) (4)	TBD	(b) (4)	DAYS		
14.ab 201	12 Shop Rates (D) (4)	TBD		DAYS		
14.ac 201	13 Shop Rates(b) (4)	TBD		DAYS		
	8					
4.ad 20	14 Shop Rates(b) (4)	TBD		DAYS		
4.ae 201	15 Shop Rates(b) (4)	TBD		DAYS		
SI	HOP RATE (b) (4)	– E	STIMATED TO	TAL 5 YEARS		
						o) (4)
HEDULE	A - ARCTIC POLAR REGIONS					
IN 15-	- Arctic and Po	lar Regions				
		DAV	r			
LIN DE	SCRIPTION	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
			(h) (4)			
5.aa Dai	ily Availability	AV		DAYS FLIGHT		
5.ab Flig	ght Hours	FT		HOURS		
		BASE YEA	R – ESTIMATEI	D TOTAL 2012		
		PAY			Adjusted	Adjusted
LIN DE	SCRIPTION	CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
.ba Dai	ily Availability	AV	(b) (4)	DAYS	(h)	
				FLIGHT		4)
5.bb Flig	ght Hours	FT		HOURS		
	0	PTION YEAR	1 – ESTIMATEI	) TOTAL 2013		
LIN DE	SCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
		CODE		UNII	UNITPRICE	EXTENDED
5.ca Dai	ly Availability	AV	(b) (4)	DAYS	(h)	
.cb Flig	ght Hours	FT		FLIGHT HOURS		
1.115	511 110013	<b>F</b> I		110010		
	0	PTION YEAR	2 – ESTIMATEI	) TOTAL 2014	<u>.</u>	

CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
15.da	Daily Availability	AV	(b) (4)	DAYS	(h)	$(\mathbf{A})$
15.db	Flight Hours	FT		FLIGHT HOURS		

# **OPTION YEAR 3 – ESTIMATED TOTAL 2015**

CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
15.ea	Daily Availability	AV	(b) (4)	DAYS	(h)	$(\mathbf{A})$
15.eb	Flight Hours	FT		FLIGHT HOURS		
		<b>OPTION YEAR</b>	4 – ESTIMATE	D TOTAL 2016		

# TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN 15

# TOTAL ESTIMATED VALUE OF CLINS A1-15

Adjusted

(b) (4)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES		
2. AMENDMENT/MODIFICATION NO.	3 EFFECTIVE DATE	4 REC	QUISITION/PURCHASE REQ. NO.	15. PROJEC	T NO. (If applicable)		
0005	01/07/2013		0070437				
6. ISSUED BY CODE	D41	7. AD	MINISTERED BY (If other than Item 6)	CODE D	41		
DOI, National Business Cente Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706		Sui Div 300	, National Business Cen te 200 ision 4/ Branch 1 East Mallard Drive se ID 83706				
8. NAME AND ADDRESS OF CONTRACTOR (No., street	t, county, State and ZIP Code)	(x) 9A	AMENDMENT OF SOLICITATION NO.				
BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH ROAD NE CALGARY AB T2E 7G5		x 10	DATED (SEE ITEM 11) A. MODIFICATION OF CONTRACT/ORDER N 12 PC00113 B. DATED (SEE ITEM 13)	10,	2 2		
CODE 0071061255	FACILITY CODE	_   c	01/05/2012				
Offers must acknowledge receipt of this amendment p Items 8 and 15, and returning cop separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF 0 virtue of this amendment you desire to change an offer to the solicitation and this amendment, and is received	pies of the amendment; (b) By acknow to the solicitation and amendment nur OFFERS PRIOR TO THE HOUR AND ar already submitted, such change may	mbers FA DATE SP be made	ceipt of this amendment on each copy of the of NLURE OF YOUR ACKNOWLEDGEMENT TO ECIFIED MAY RESULT IN REJECTION OF YO	fer submitted; BE RECEIVE OUR OFFER	; or (c) By ED AT If by		
12. ACCOUNTING AND APPROPRIATION DATA (If req 01	uirəd) Ne	et Inc	crease: \$:	1,511,8	61.63		
	ODIFICATION OF CONTRACTS/ORDI	ERS. IT M	ODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBED IN	ITEM 14.		
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMEN	CT/ORDER IS MODIFIED TO REFLEC H IN ITEM 14, PURSUANT TO THE AU IT IS ENTERED INTO PURSUANT TO		GES SET FORTH IN ITEM 14 ARE MADE IN T OMINISTRATIVE CHANGES (such as changes ( OF FA3. 103(b). HTY OF:				
D. OTHER (Specify type of modification							
X C30 Limitation of Go	and the second sec						
E. IMPORTANT: Contractor Is is not. 14. DESCRIPTION OF AMENDMENT/MODIFICATION	is required to sign this document a						
FLIGHT SERVICES PROVIDED IN WING PROGRAM The purpose of this modifica accordance with C30 Limitati service through the current Payment Terms: PP30	SUPPORT OF THE NATI tion is to obligate on of Government's	ONAL fund Oblig	SCIENCE FOUNDATION, ANT s in the amount of \$1,5 ation to the contract t	ARCTIC	.63 in		
Delivery Location Code: 0008	755407						
DOI Aviation Management - Ac							
300 E Mallard Dr, Ste 200							
Boise ID 83706 US							
Continued							
Except as provided herein, all terms and conditions of th	e document referenced in Item 9A or 1						
15A. NAME AND TITLE OF SIGNER (Type or print)	ORDS	Joł	NAME AND TITLE OF CONTRACTING OFFIC	CER (Type or			
(Signature of person authorized to sign)	TREUVINE 45C. DATE SIGNED	168.	UNITED STATES OF MERICA Significant Contracting Officer)	'n	16C. DATE SIGNED		
NSN 7540-01-152-8070 Previous edition unusable		2 D	s	TANDARD FO	DRM 30 (REV. 10-83) GSA		

Prescribed by GSA	
FAR (48 CFR) 53.243	

CONTINUATION SHEET REFERENCE NO. OF DOCUMENT BEING CONTINUED D12PC00113/0005

NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Account Assignment: K G/L Account: 6100.252L0				
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area:				
	DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center:				
	DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct				
	Assign Line: 01				
	FOB: Destination Period of Performance: 09/01/2011 to 08/31/2016				
	refibu of refiormance: 09/01/2011 to 06/51/2016				
	Add Item 00320 as follows:				
0320	(b) (4)				(b) (4)
	Obligated Amount: (b) (4)				
	Add Item 00330 as follows:				
00330	(b) (4)				(b) (1)
10330	(D) (4) Obligated Amount: (D) (4)				(b) (4)
	obligated Amount. (b) (4)				
	Add Item 00340 as follows:				
00340	(b) (4)				(b) (4)
	Obligated Amount: (b) (4)				
		-			
	Add Item 00350 as follows:				
	Add I cem 00550 as IOIIOWS:				
00350	(b) (4)				(b) (4)
	Obligated Amount: (b) (4)			· ·	
	Add Item 00360 as follows:				
	Add Item 00500 as forrows:				
00360	CARGO HANDLER				(b) (4
	Obligated Amount: (b) (4)				
				ļ	
			1 1		PTIONAL FORM 336 (4-86)

.

PAGE

2

OF

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE	PAGE OF PAGES			
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	14.6	REQUISITION/PURCHASE REQ. NO.		3			
0006	03/27/2013		40081468	S. PROJECT N	O. (if applicable)			
6. ISSUED BY CODE		7.1	ADMINISTERED BY (If other than flom 6)	CODE D41				
DOI, National Business Cente		4	DI, National Business Cent	Dat				
Division 4/ Branch 1	.,		lite 200	er, AQD				
300 East Mallard Drive		vision 4/ Branch 1						
Suite 200			00 East Mallard Drive					
Boise ID 83706		Bo	Dise ID 83706					
8. NAME AND ADDRESS OF CONTRACTOR (No., street	county, State and ZIP Code)	(x)	BA. AMENDMENT OF SOLICITATION NO.	·				
BOREK, KENN AIR LTD		Π						
Attn: ATTN GOVERNMENT POC			98. DATED (SEE ITEM 11)					
290 MCTAVISH ROAD NE								
CALGARY AB T2E 7G5		10A, MODIFICATION OF CONTRACT/ORDER NO.						
		×	D12PC00113					
·			10B. DATED (SEE ITEM 13)					
CODE 0071061255	FACILITY CODE		01/05/2012					
	11. THIS ITEN ONLY APPLIES TO 7							
The above numbered solicitation is amended as set to Offers must acknowledge receipt of this amendment p	run in item 14. The hour and date specifi for to the hour and date specified in the	ned fo	receipt of Offens la exten	ded, 🗋 is not	extended.			
items 8 and 15, and returning cop	ies of the amendment: (h) By acknowled	dependence of	receipt of this amendment on each copy of the offic	ous: (a) By com	pieurig (a) Du			
separate letter or telegram which includes a reference	to the solicitation and amendment numb		SAILLIDE OF YOUR ACKNOWN STOCKNENT TO P	TOFOTA TO	+			
THE FLACE DESIGNATED FOR THE RECEIPT OF (	JFFERS PRIOR TO THE HOUR AND D		RPECIEIED MAY REQUILT IN REJECTION OF YO	UR OFFER KI	ha.			
virtue of this amendment you desire to change an offer to the solicitation and this amendment, and is received	r amendy submitted, such change may b prior to the opening hour and date spec	e mai iSed.	de by telegram or letter, provided each talegram or	letter makes rol	stance			
12. ACCOUNTING AND APPROPRIATION DATA (# req				88,332.0	0			
01								
12. THIS ITEM ONLY APPLIES TO MA	DDIFICATION OF CONTRACTS/ORDER	а. п	MODIFIES THE CONTRACT/ORDER NO. A8 DES	CRIBED IN ITE	HE 14.			
CHECK ONE A. THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A.	URSUANT TO: (Specify authority) THE	СНА	NGES SET FORTH IN ITEM 14 ARE MADE IN TH	E CONTRACT				
B. THE ABOVE NUMBERED CONTRAC	T/ORDER IS MODIFIED TO REFLECT	THE	ADMINISTRATIVE CHANGES (such as changes in TTY OF FAR 43.103(b).	n nevina office				
appropriation date, etc.) SET FORTH	IN ITEM 14, PURSUANT TO THE AUT	HOR	ITY OF FAR 43.103(b).	, paying childe,				
C. THIS SUPPLEMENTAL AGREEMENT			DRITY OF:					
X C30 Limitation of Gov	- 10.74	n						
D. OTHER (Specify type of modification a	and suthority)							
E. EMPORTANT: Contractor la not,	Is required to sign this document and							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (	Organized by UCF section headings, inc	dudin	g solicitation/contract subject matter where feasibl	B.)				
FLIGHT SERVICES PROVIDED IN S	SUFFORI OF THE NATIO	NAL	SCIENCE FOUNDATION, ARCI	IC SUPPO	)RT,			
A. Add CLIN A16, $(b)(4)$	<b>B</b> araba							
	Arctio	са	nd Polar Region Support.	See att	ached			
Schedule A - Arctic Polar Reg	lions							
B Order corriges consisting	(b) (1)		(b) (1)					
B. Order services consisting			(b) (4)	to sup	port			
the National Science Foundati	on in the Arctic and	d P	olar Regions. Projects i	nclude t	he			
Thin-ice Arctic Acoustic Wind	low (THAAW), Ongoing	su	pport of the Switchyard P	roject a	ind			
BORNEO, the Conductivity, Tem	perature and Depth of	٥£	Seawater (CTD) testing.					
See attached Statement of Wor	k.							
Continued								
Except as provided herein, all terms and conditions of the	document referenced in Item 9A or 10A	, as t	neretofore changed, ramains unchanged and in full	force and effect	4			
15A. NAME AND TITLE OF SIGNER (Type or point)		16/	A. NAME AND TITLE OF CONTRACTING OFFICE	R (Type or prin				
JOHN HORMER PRESID	67		DAVID HESSHEY. Con	Tractin	4 OFFICER			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168	. UNITED STATES OF AMERICA		C. DATE SIGNED			
( XUIIIIN			- QIK	1	3/10/-			
		1-	Mandaure of Chillingtons Orthogen	<u> </u>	3129/2013			
NSN 7540-01-452-8070 Previous edition unusable					30 (REV. 10-83)			
				cribed by GSA (48 CFR) 53.24	13			

# CONTINUATION SHEET

### REFERENCE NO. OF DOCUMENT BEING CONTINUED D12 PC00113/0006

3

1

1

NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Primont Mermon				
	Payment Terms: PP30				
	Delivery Location Code: 0008755407				
	DOI Aviation Management - Acquisiti				
	300 E Mallard Dr, Ste 200				
	Boise ID 83706 US				
	Account Assignment: K G/L Account: 6100.252L0		11		
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68677000 Functional Area:				
	DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center:				
	DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01				
	FOB: Destination				
	Period of Performance: 09/01/2011 to 08/31/2016	1			
	Add Item 00370 as follows:				
0370	ARCTIC SUPPORT 2013 (b) (4)				(b) (4)
	Obligated Amount: (b) (4)				
	(b) (4) to support the National				
	Science Foundation in the Arctic in accordance		11		
	with B1.1.1.2. Arctic Programs and the attached				
	Statement of Work, Arctic Support 2013. The flights are planned for April 1, 2013 through May				
	15, 2013 dependent on weather and ice conditions.				
	Add Item 00380 as follows:				
0380	ARCTIC SUPPORT 2013(b) (4)				(b) (4)
	Obligated Amount: (b) (4)				
	(b) (4) to support the National				
	Science Foundation in the Arctic in accordance				
	with B1.1.1.2 Arctic Programs and the attached				
	Statement of Work, Arctic Support 2013. the		11		
	Flights are planned for April 1, 2013 through May 15, 2013 dependent on weather and ice conditions.				
	15, 2015 dependent on weather and ice conditions.				
	Add Item 00390 as follows:				
0200					(b) (1)
0390	ARCTIC SUPPORT 2013 (b) (4) Obligated Amount: (b) (4)				(b) (4)
	average of the office (1) (4)				
	Continued				
	i				
	1				
7540-01-152	-8067				
					OPTIONAL FORM 338 (4-88) Sponsored by GSA

PAGE

2

OF

# CONTINUATION SHEET D12PC00113/0006 REFERENCE NO. OF DOCUMENT BEING CONTINUED

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

EM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	(b) (4) to support the National Science Foundation in the Arctic in accordance with B1.1.1.2 Arctic Programs and the attached Statement of Work, Arctic Support 2013. the Flights are planned for April 3, 2013 through April 12, 2013 dependent on weather and ice conditions.				
	Add Item 00400 as follows:				
9400	ARCTIC SUPPORT 2013-Sea Ice Landings - All Aircraft Obligated Amount: $(b)$ (4)				(b) (4
	Sea Ice landing charges for all aircraft included on this modification. This is a not to exceed amount for the total awarded amount for this item.	1			
	-				
10					
		_			
					•
40-01-152-0					

PAGE

3

OF

		ATION OF CONTRACT	IT. CONT	LACT ID CODE	PAGE OF P	AGES
2. AMENON	ENTMODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION	URCHARE REQ. NO.	5. PROJECT NO. (	2 applicable1
0007		05/01/2013	004008710			
B, IBQUED E	CODE	D41	7. ADMINISTERE	D BY (If other than liem 6)	CODE D41	
DOI, N	ational Business Cente	r, AQD	DOI, Nati	onal Business Ce		
	on 4/ Branch 1		Suite 200		neer, ngo	
uite :	st Mallard Drive			4/ Branch 1		
	ID 83706			Mallard Drive		
			Boise ID	83706		
NAME AN	DADDRESS OF CONTRACTOR (Mo., stored	county, State and 21P Code)	(X) SA. AMENDA	INT OF SOLICITATION NO.		
OREK,	KENN AIR LTD					
	TTN GOVERNMENT POC		98. DATED (S	EE ITEM 11		
	AVISH ROAD NE					
ALGARY	AB T2E 7G5		10A MODIFIC	ATION OF CONTRACT/ORDER	NO.	
			× D12PC00	ATION OF CONTRACT/ORDER		
			108. DATED	EE ITEM 13)		
ODE D	071061255	FACILITY CODE	01/05/2			
		11. THE THE CALY APPLIES TO 7	MENDMENYS OF S	OLICHATIONS		
The above	numbered scholtzion is amended as set for	th in item 14. The hour and date speci	ed for receipt of Off	rs 🗇 is ext	ended. 🗌 is not exter	ded.
tiame 0	st adknowledge receipt of this amendment pr of 15 and returning core	for to the hour and date specified in the	solicitation or as am	ended, by one of the following me	sthods: (a) By completin	9
		ies of the amendment; (b) By acknowled	ging receipt of this a	mendment on each copy of the c	itier submitted; or (c) By	
SEPERATE R	itter or telegram which includes a reference E DESIGNATED FOR THE RECEIPT OF O	to the solicitation and umendment numb	HIL FAILURE OF Y	OUR ACKNOWLEDGEMENT TO	D BE RECEIVED AT	
	in animalitient you geste to change an other	already submitted, such channe may h	made hu felectore	T RESOLT IN REJECTION OF Y	OUR OFFER. If by or letter meters reference	-
	venous and this emenoment, and is readined	phor to the opening hour and date spec	fied.			-
	TING AND APPROPRIATION DATA (11 requ	#red) Net	Increase:	Ş	242, 394.00	
	13. THIS ITEM ONLY APPLIES TO ME	DIFICATION OF CONTRACTS/ORDER	IT MODIFIES TH			
	1					
	A THIS CHANCE ODDED IS ISSUED OF					
MEUR UNE	ORDER NO. IN ITEM 10A	URSUANT TO: (Specify authority) THE	CHANGES SET FO	RTH IN ITEM 14 ARE MADE IN T	THE CONTRACT	
	B. THE ABOVE NUMBERED CONTRACT appropriation data, etc.) SET FORTH	AORDER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUT	HE ADMINISTRAT			
	B. THE ABOVE NUMBERED CONTRACT approprision data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT	TARDER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUTO IS ENTERED INTO PURSUANT TO A	HE ADMINISTRATIONITY OF FAR 43			
X	B. THE ABOVE NUMBERED CONTRACT appropriation data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov	KORDER IS MODIFIED TO REALECT IN ITEM 14, PURSUANT TO THE AUTH IS ENTERED INTO PURSUANT TO A Pernment's Obligation	HE ADMINISTRATIONITY OF FAR 43			
	B. THE ABOVE NUMBERED CONTRACT approprision data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT	KORDER IS MODIFIED TO REALECT IN ITEM 14, PURSUANT TO THE AUTH IS ENTERED INTO PURSUANT TO A Pernment's Obligation	HE ADMINISTRATIONITY OF FAR 43			
x	B. THE ABOVE NUMBERED CONTRACT approprision date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov II OTHER (Specify type of modification of	NORDER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUT IS ENTERED INTO PURSUANT TO A rernment's Obligation and authority	THE ADMINISTRAT FORTY OF FAR 43 ITHORITY OF			
X	B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov II OYHER (Specify type of modification a TT: Contractor is not	ACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUTH IS ENTERED INYO PURSUANT TO AU rernment's Obligation and authority x is required to sign this document and	THE ADMINISTRAT FORTY OF FAR 43 THORTY OF	VE CHANGES (such as changes 103(b). 	e in peying office,	
X INFORTAN	B. THE ABOVE NUMBERED CONTRACT approprision date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov II OYHER (Specify type of modification a TT: Contractor is not TTON OF AMENDMENTANODIFICATION (C	TACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUTH IS ENTERED INYO PURSUANT TO AU rernment's Obligation and authority x is required to sign this document and Appendixed by UCF section headings, inc	HE ADNINISTRAT KORTY OF FAR 43 ITHORITY OF 1 Inthority OF	VE CHANGES (such as changes 103(b). 	e in peying office, gaffice, bie3	
X NPORTAN DESCRIP IGHT	B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov II OYHER (Specify type of modification a TT: Contractor is not	TACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUTH IS ENTERED INYO PURSUANT TO AU rernment's Obligation and authority x is required to sign this document and Appendixed by UCF section headings, inc	HE ADNINISTRAT KORTY OF FAR 43 ITHORITY OF 1 Inthority OF	VE CHANGES (such as changes 103(b). 	e in peying office, gaffice, bie3	······································
X DEFORTAN DESCREP IGHT : XED W	B. THE ABOVE NUMBERED CONTRACT approprision date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov U OTHER (Specify type of modification e TON OF AMENDMENTANODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM	TACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUTH IS ENTERED INTO PURSUANT TO AN remment's Obligation and sufficiency x is required to sign this document and Argenized by UCF socian headings, inc UPPORT OF THE NATION	HE ADNINISTRAT KORTY OF FAR 43 ITHORITY OF 1 Inthority OF	VE CHANGES (such as changes 103(b). copies to the secure other subject matter where here 2: FOUNDATION, ARC	e in paying office, ng affice. bie.} TIC SUPPORT,	
X DESCREP IGHT : XED W: Orde:	B. THE ABOVE NUMBERED CONTRACT approprision date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov U OTHER (Specify type of modification e TON OF AMENDMENTMODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM r services consisting	TACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUTH IS ENTERED INTO PURSUANT TO THE rernment's Obligation and authority) x is required to sign this document and Superited by UCF section headings, inc UPPORT OF THE NATION of (b) (4)	THE ADMINISTRAT LORITY OF FAR 42 THORITY OF A return willing solicitation/co IAL SCIENCI	VE CHANGES (such as changes 103(b). 	e in paying office, g effice. bie.) TIC SUPPORT, National Sci	
X DESCRIP IGHT : XED N: Orde: undat:	B. THE ABOVE NUMBERED CONTRACT approprision data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov IL OWNER (Specify type of modification a TT: Contractor is not THON OF AMENDMENTANODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM r services consisting ion in the Arctic and	TACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUTH IS ENTERED INTO PURSUANT TO THE rernment's Obligation and authority) x is required to sign this document and Superited by UCF section headings, inc UPPORT OF THE NATION of (b) (4)	THE ADMINISTRAT LORITY OF FAR 42 THORITY OF A return willing solicitation/co IAL SCIENCI	VE CHANGES (such as changes 103(b). copies to the secure other subject matter where here 2: FOUNDATION, ARC	e in paying office, g effice. bie.) TIC SUPPORT, National Sci	
X DEFORTAN DESCREP IGHT : XED W: Orde: sundat: yment	B. THE ABOVE NUMBERED CONTRACT approprision date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov U OTHER (Specify type of modification e TON OF AMENDMENTMODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM r services consisting	TACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUTH IS ENTERED INTO PURSUANT TO THE rernment's Obligation and authority) x is required to sign this document and Superited by UCF section headings, inc UPPORT OF THE NATION of (b) (4)	THE ADMINISTRAT LORITY OF FAR 42 THORITY OF A return willing solicitation/co IAL SCIENCI	VE CHANGES (such as changes 103(b). 	e in paying office, g effice. bie.) TIC SUPPORT, National Sci	
X DEFORTAN DESCREP IGHT : XED W: Orde: undat: yment 30	B. THE ABOVE NUMBERED CONTRACT approprision data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov I OTHER (Specify type of modification a TT: Contractor is not THON OF AMENDMENTANODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM r services consisting ion in the Arctic and Terms:	ACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUT IS ENTERED INTO PURSUANT TO THE AUT rernment's Obligation and authority) x is required to sign this document and Signatized by UCF section headings, inc UPPORT OF THE NATION of (b) (4) Polar Regions. See	THE ADMINISTRAT LORITY OF FAR 42 THORITY OF A return willing solicitation/co IAL SCIENCI	VE CHANGES (such as changes 103(b). 	e in paying office, g effice. bie.) TIC SUPPORT, National Sci	
X DESCREP IGHT : XED W: Orde: undat: yment 30 livery	B. THE ABOVE NUMBERED CONTRACT approprision data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov II OTHER (Specify type of modification a TT: Centractor is not THON OF AMENDMENTANODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM r services consisting ion in the Arctic and Terms: y Location Code: 00087.	ACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUT IS ENTERED INTO PURSUANT TO THE AUT rernment's Obligation and authority) x is required to sign this document and Sugarized by UCF section headings, inc UPPORT OF THE NATION of (b) (4) Polar Regions. See 55407	THE ADMINISTRAT LORITY OF FAR 42 THORITY OF A return willing solicitation/co IAL SCIENCI	VE CHANGES (such as changes 103(b). 	e in paying office, g effice. bie.) TIC SUPPORT, National Sci	
X DESCRET IGHT 1 XED W. Orde: Jundat: Jyment 30 livery I Avia	B. THE ABOVE NUMBERED CONTRACT appropriation data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov II OTHER (Specify type of modification a TT: Contractor is not TTON OF AMENDMENTANODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM r services consisting ion in the Arctic and Terms: y Location Code: 00087 ation Management - Acq	ACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUT IS ENTERED INTO PURSUANT TO THE AUT rernment's Obligation and authority) x is required to sign this document and Sugarized by UCF section headings, inc UPPORT OF THE NATION of (b) (4) Polar Regions. See 55407	THE ADMINISTRAT LORITY OF FAR 42 THORITY OF A return willing solicitation/co IAL SCIENCI	VE CHANGES (such as changes 103(b). 	e in paying office, g effice. bie.) TIC SUPPORT, National Sci	
X DESCREP IGHT : XED M: Order undat: yment 30 liver; I Avia 0 E Ma	B. THE ABOVE NUMBERED CONTRACT appropriation data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov II OTHER (Specify type of modification a TC Contractor is not TON OF AMENDMENTIMODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM r services consisting ion in the Arctic and Terms: y Location Code: 00087. ation Management - Acqu allard Dr, Ste 200	ACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUT IS ENTERED INTO PURSUANT TO THE AUT rernment's Obligation and authority) x is required to sign this document and Sugarized by UCF section headings, inc UPPORT OF THE NATION of (b) (4) Polar Regions. See 55407	THE ADMINISTRAT LORITY OF FAR 42 THORITY OF A return willing solicitation/co IAL SCIENCI	VE CHANGES (such as changes 103(b). 	e in paying office, g effice. bie.) TIC SUPPORT, National Sci	
X DESCREP IGHT : XED M: Order undat: yment 30 iliver; I Avia 0 E Ma	B. THE ABOVE NUMBERED CONTRACT appropriation data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov II OTHER (Specify type of modification a TT: Contractor is not TTON OF AMENDMENTANODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM r services consisting ion in the Arctic and Terms: y Location Code: 00087 ation Management - Acq	ACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUT IS ENTERED INTO PURSUANT TO THE AUT rernment's Obligation and authority) x is required to sign this document and Sugarized by UCF section headings, inc UPPORT OF THE NATION of (b) (4) Polar Regions. See 55407	THE ADMINISTRAT LORITY OF FAR 42 THORITY OF A return willing solicitation/co IAL SCIENCI	VE CHANGES (such as changes 103(b). 	e in paying office, g effice. bie.) TIC SUPPORT, National Sci	
X DESCREP JGHT : XED M2 Orde: Sundat: Syment '30 Plivery Pl Avia 0 E Ma Sise II	B. THE ABOVE NUMBERED CONTRACT approprision data, etc.) SET FORTH C. THIS SUPPLEMENTAL ACREEMENT C30 Limitation of Gov II OWNER (Spudy type of modification a TON OF AMENDMENTADODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM r services consisting ion in the Arctic and Terms: y Location Code: 00087. ation Management - Acqu allard Dr, Ste 200 D 83706 US	ACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUT IS ENTERED INTO PURSUANT TO THE AUT rernment's Obligation and authority) x is required to sign this document and Sugarized by UCF section headings, inc UPPORT OF THE NATION of (b) (4) Polar Regions. See 55407	THE ADMINISTRAT LORITY OF FAR 42 THORITY OF A return willing solicitation/co IAL SCIENCI	VE CHANGES (such as changes 103(b). 	e in paying office, g effice. bie.) TIC SUPPORT, National Sci	
X DESCREP IGHT : XED M: Order undat: yment 30 iliver; ol Avia 0 E Ma ise II ntinue	B. THE ABOVE NUMBERED CONTRACT appropriation data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov II OTHER (Specify type of modification a TC Contractor is not TON OF AMENDMENTANODHICATION (C SERVICES PROVIDED IN S ING PROGRAM r services consisting ion in the Arctic and Terms: y Location Code: 00087. ation Management - Acqu allard Dr, Ste 200 D 83706 US ad	TACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUT IS ENTERED INTO PURSUANT TO THE AUT remment's Obligation and authority) x is required to sign this document and Superited by UCF socian headings, inc UPPORT OF THE NATION of (b) (4) Polar Regions. See 55407 uisiti	THE ADMINISTRAT HORTY OF FAR 43 THORTY OF A return Wing solicitation to TAL SCIENCI The attack	VE CHANGES (such as changes 103(b). <u>1</u> copies to the assum about subject matter where faced FOUNDATION, ARC the hed statement of	e in paying office, g affice. ble.} TIC SUPPORT, National Sci work.	
X DESCREP JGHT : (XED M) (XED M) Order Jundat: Jyment 230 eliver; OI Avia 00 E Ma Dise II ontinue optas pro-	B. THE ABOVE NUMBERED CONTRACT approprision data, etc.) SET FORTH C. THIS SUPPLEMENTAL ACREEMENT C30 Limitation of Gov II OWNER (Spudy type of modification a TON OF AMENDMENTADODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM r services consisting ion in the Arctic and Terms: y Location Code: 00087. ation Management - Acqu allard Dr, Ste 200 D 83706 US	TACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUT IS ENTERED INTO PURSUANT TO THE AUT remment's Obligation and authority) x is required to sign this document and Superited by UCF socian headings, inc UPPORT OF THE NATION of (b) (4) Polar Regions. See 55407 uisiti	THE ADMINISTRAT ORTY OF FAR 43 THORTY OF a return Wing solicitation AL SCIENCE the attack	VE CHANGES (such as changes 103(b). <u>1</u> copies to the assum about subject matter where faced FOUNDATION, ARC the hed statement of	e in paying office, g affice. bie.} TIC SUPPORT, National Sci work. di force and effect.	
X IMPORTAN DESCREP LIGHT : (XED M) Order Soundat: Syment Soundat: Syment Soundat: Syment Soundat: Sound	B. THE ABOVE NUMBERED CONTRACT approprision data, etc.) SET FORTH C. THIS SUPPLEMENTAL ACREEMENT C30 Limitation of Gov I OTHER (Specify type of modification a TT: Contractor is not THON OF AMENDMENTANODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM T Services consisting ion in the Arctic and Terms: y Location Code: 00087. ation Management - Acqu allard Dr, Ste 200 D 83706 US ad We THE OF SIGNER (Type or prat)	ACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUT IS ENTERED INTO PURSUANT TO THE AUT remment's Obligation and authority) x is required to sign this document and organized by UCF sector headings, inc UPPORT OF THE NATION of (b) (4) Polar Regions. See 55407 uisiti	THE ADMINISTRAT CORTY OF FAR 43 THORITY OF a return widing solicitations AL SCIENCI the attack the attack as heretoicro chang 16A NAME AND 1	VE CHANGES (such as changes 103(b). 	e in paying office, g affice. bie.} TIC SUPPORT, National Sci work. di force and effect.	
A NAME AN	B. THE ABOVE NUMBERED CONTRACT approprision data, etc.) SET FORTH C. THIS SUPPLEMENTAL ACREEMENT C30 Limitation of Gov I OTHER (Specify type of modification a TT: Contractor is not THON OF AMENDMENTANODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM T Services consisting ion in the Arctic and Terms: y Location Code: 00087. ation Management - Acqu allard Dr, Ste 200 D 83706 US ad We THE OF SIGNER (Type or prat)	TACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUT IS ENTERED INTO PURSUANT TO THE AUT remment's Obligation and authority) x is required to sign this document and Superited by UCF socian headings, inc UPPORT OF THE NATION of (b) (4) Polar Regions. See 55407 uisiti	THE ADMINISTRAT LORTY OF FAR 43 THORITY OF a return wing collectedorates AL SCIENCI the attack the attack 16A NAME AND David Here	VE CHANGES (such as changes 103(b). 	e in paying office, g affice. bie.} TIC SUPPORT, National Sci work. al force and affect. CER (Type or print)	Lence
X DESCREP IGHT 1 XED W. Orde: Dundat: Yment 30 Divery DI Avia 0 E Ma Dise II ntinue optasprot Name Avia	B. THE ABOVE NUMBERED CONTRACT approprision data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov II OTHER (Specify type of modification a The Contractor is not THON OF AMENDMENTANODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM r services consisting ion in the Arctic and Terms: y Location Code: 00087. ation Management - Acqu allard Dr, Ste 200 D 83706 US ed Wede herein all terms and conditions of the of WD TITLE OF SIGNER (Type or prod)	ACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUTH IN TEM 14, PURSUANT TO THE AUTH IN TEM 14, PURSUANT TO THE AUTH IN TEM 14, PURSUANT TO THE AUTH Permment 's Obligation and authority) x is required to sign this document and Organized by UCF section headings, inc UPPORT OF THE NATION of (b) (4) Polar Regions. See 55407 uisiti	THE ADMINISTRAT CORTY OF FAR 43 THORITY OF a return widing solicitations AL SCIENCI the attack the attack as heretoicro chang 16A NAME AND 1	VE CHANGES (such as changes 103(b). 	e in paying office, g affice. bie.} TIC SUPPORT, National Sci work. al force and affect. CER (Type or print)	
X DESCREP IGHT 1 XED W. Orde: Dundat: Yment 30 Divery DI Avia 0 E Ma Dise II ntinue optasprot Name Avia	B. THE ABOVE NUMBERED CONTRACT approprision data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT C30 Limitation of Gov II OTHER (Specify type of modification a The Contractor is not THON OF AMENDMENTANODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM r services consisting ion in the Arctic and Terms: y Location Code: 00087. ation Management - Acqu allard Dr, Ste 200 D 83706 US ed Wede herein all terms and conditions of the of WD TITLE OF SIGNER (Type or prod)	ACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUTH IN TEM 14, PURSUANT TO THE AUTH IN TEM 14, PURSUANT TO THE AUTH IN TEM 14, PURSUANT TO THE AUTH Permment 's Obligation and authority) x is required to sign this document and Organized by UCF section headings, inc UPPORT OF THE NATION of (b) (4) Polar Regions. See 55407 uisiti	THE ADMINISTRAT LORTY OF FAR 43 THORITY OF a return wing collectedorates AL SCIENCI the attack the attack 16A NAME AND David Here	VE CHANGES (such as changes 103(b). 	e in paying office, g affice. bie.} TIC SUPPORT, National Sci work. al force and affect. CER (Type or print)	Lence
X DESCREP JIGHT : (XED W: Orde: Dundat: Dundat: Dundat: Dundat: Orde: Dundat:	B. THE ABOVE NUMBERED CONTRACT approprision data, etc.) SET FORTH C. THIS SUPPLEMENTAL ACREEMENT C30 Limitation of Gov II OTHER (Specify type of modification a The Contractor is not THON OF AMENDMENTANODIFICATION (C SERVICES PROVIDED IN S ING PROGRAM T Services consisting ion in the Arctic and Terms: y Location Code: 00087 ation Management - Acqu allard Dr, Ste 200 D 83706 US ad Med Herein all terms and conditions of the o ND THE OF SIGNER (Type or prior) Add Market Media CTORIOFFEROR Market Media CTORIOFFEROR	ACROER IS MODIFIED TO REPLECT IN ITEM 14, PURSUANT TO THE AUTH IN TEM 14, PURSUANT TO THE AUTH IN TEM 14, PURSUANT TO THE AUTH IN TEM 14, PURSUANT TO THE AUTH Permment 's Obligation and authority) x is required to sign this document and Organized by UCF section headings, inc UPPORT OF THE NATION of (b) (4) Polar Regions. See 55407 uisiti	THE ADMINISTRAT LORTY OF FAR 43 THORITY OF a return wing collectedorates AL SCIENCI the attack the attack 16A NAME AND David Here	VE CHANGES (such as changes 103(b). 	e in paying office, g affice. bie.} TIC SUPPORT, National Sci work. al force and affect. CER (Type or print)	

CONTINUE TION OVERT	REFERENCE NO. OF DOCUMENT BEING CONTINUED
CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED D12PC00113/0007

PAGE OF 2 2

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY	UNIT (D)	UNIT PRICE	AMOUNT
(11)		(C)	(1)	(E)	(F)
	Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area:				
	DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center:				
	DS68694300 Project/WBS: DR.NONFT.13NSF003 PR Acct				
	Assign Line: 01				
	FOB: Destination				
	Period of Performance: 05/01/2013 to 06/30/2013				
	Add Item 00410 as follows:				
0410	Greenland Support-(b) (4)	1			242,394.
	( <b>b</b> ) (4) Obligated Amount: \$242,394.00				
	Arctic Support 2013-(b) (4)				
	(b) (4) to support the National Science				
	Foundation Arctic programs. See the attached				
	Statement of Work, Greenland Support. The			l I	
	project is planned for May 7-9 and June 6-9 2013				
	dependent on weather conditions.				
	The awarded amount is an estimated not to exceed amount.				
			1		
			1		
1					

# STATEMENT OF WORK (SOW)

**Greenland Support 2013** 

With

# Kenn Borek Air Ltd. (KBAL)

For

National Science Foundation (NSF) & US Department of the Interior, Office of Aviation Services and Acquisition Services Directorate

> Finalized by OAS/AQD Boise 05 April, 2013

### 1.0 Scope

The following document is a statement of work encompassing a single project funded by the National Science Foundation with the work performed by Kenn Borek Air, LTD to be performed under contract D12PC0013, utilizing CLIN A16 and all terms and conditions of that contract shall apply during the support of this project.

1.1 This NSF sponsored, multi-year project will drill a 200-meter ice core at a low snow accumulation site in northeast Greenland during the period of performance. This core, along with similar archived core, will be used to obtain high resolution measurements of aerosols and methane concentrations in the ice, which, in turn, will allow a quantitative assessment of the impact of in-situ methane production on historical records of atmospheric methane in Greenland ice cores.

1.2 From Kangerlussuaq, the team of 5 researchers and 7,500 lbs of science cargo will deploy to Greenland Ice Sheet sites listed in exhibit 1. Upon completion a total of 11,000 lbs of gear and ice cores will be flown back to Kangerlussuaq.

The field campaign will involve approximately hours of logistics support time (excluding transit) on the KBAL aircraft.

### 2.0 Miscellaneous Notes

2.1 Deployment Specifics and Usage.

# 2.1.1 KBAL will provide(b) (4) (b) (4)

appropriate to properly maintain and safely operate in remote environments (See Section 3.0 for EU detail). The aircraft shall be capable of transporting all gear and people, as described herein landing off-strip on skiways and unprepared strips on the Greenland ice sheet. The flight operations will solely be used by the National Science Foundation grantee support of the listed project for the total period not to exceed the two periods 6-10 May and 5-10 June, 2013. All rates listed herein are dry rates (fuel will be supplied by NSF sources at Summit Station, however at BGSF fuel will be obtained commercially for mobilization / demobilization and any project support flights passing through due to limited resources at Summit). Receipts required for all purchased fuel, handling and parking at BGSF.

2.1.2 Deploy / Redeploy / Crew Swap. The aircraft and associated crews and support staff will deploy from Iqaluit (CYFB) direct to Kangerlussuaq, Greenland (BGSF) where the project will initiate and complete. However, once the mission begins, operations will base out of sites to include Summit station and Tunu field camp, in support of the project (See exhibit 1).

2.2 Technical Details

2.2.1 Aircraft configuration as determined by the customer will be IAW with any OPSPEC, Flight Manual or approved Transport Canada (limited) STC. Should additional modifications require approval that may exceed estimates discussed and noted in section 3.0, KBAL shall notify OAS for further clarification. The retractable ski STC will be required to successfully perform work on this project.

2.2.2 The research team requires transport of limited amounts of hazardous materials to include power equipment (generators with fuel/oil). Dangerous good shall be transported in accordance with Transport Canada regulations and KBAL existing operational procedures.

2.3 Clearances. Researchers are responsible for all applicable clearances and permits necessary for their work.

2.4 Administrative. Should an issue arise wherein there is a conflict of available assets to support a project the NSF Arctic Program Manager shall clearly prioritize the use of all assets to all parties.

This document details our best estimate of the project, however KBAL shall notify the Contracting Officer of all changes to this project scope that increase the price or period of performance prior to performing those changes. Figures are given in USD.

### 3.0 Pricing

Tracking and documentation for all services will require weekly updates to the COTR at OAS to include current FT total and operation updates. These can come from either the vendor or a designated Polar Field representative, as there will be no direct government supervision on site. FT and AV logs will be provided for each CLIN listed below to assist in the tracking. All aircraft flight logs will be scanned and forwarded to the COTR for validation of services prior to payment. The <u>COTR must be notified immediately when 75% of estimated flight time is reached</u>. Payment for the services provided under this order will be made in accordance with Contract D12PC00113 as follows:

ITEM	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
1.a	(b) (4) May 7-9, June 6-9, 2013*** Price per day for availability	AV	(b) (4)	DAYS	(b)	( <b>4</b> )
1.b.	Price per flight hour for estimated flight hours	FT		FLIGHT HOURS		
1.c.	Mob/Demob (Single Charge for both)	SC		NTE		
ESTIM	ATED TOTAL, AVAILABILITY AND FI	PAY				EVTENDED
ITEM	DESCRIPTION	ITEM	QUANTITY	UNIT	UNIT PRICE	EXTENDED
ITEM 2.a.	DESCRIPTION Total Fuel Charges (Mob/Demob/ Support in BGSF)	CODE SC	(b) (4)	GALS		AMOUNT
	Total Fuel Charges (Mob/Demob/ Support in BGSF) Per Diem (Crew of 4)	CODE				
2.a.	Total Fuel Charges (Mob/Demob/ Support in BGSF)	CODE SC		GALS		

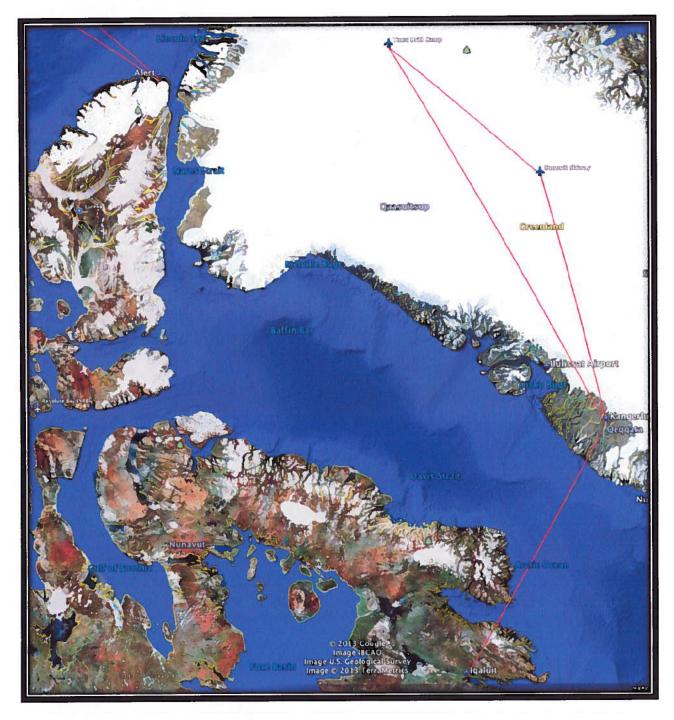


Exhibit 1 (Project Over view of Sites)

# RELEVANT COORDINATES

Site Name	Latitude	Longitude
Kangerlussuaq (SFJ)	67° 0′ 31″ N	50° 41' 21" W
Summit	72°35'46.4"N	38°25'19.1"W
TUNU	78° 00' 59" N	33° 59' 00" W

AMENDMENT OF SOLICITATION/MODIFIC	CATION OF	CONTRACT		1. CONTRACT ID CODE	٩		F PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECT	VEDATE	4.	REQUISITION/PURCHASE REQ. NO.	5 280		2 D. (If applicable)
0008	05/14/	2013					. (n oppnoallo)
6. ISSUED BY CODE		2013	7.	ADMINISTERED BY (If other than Item 6)	CODE	D41	
DOI, National Business Cent Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	er, AQD		S D 3	OI, National Business Cen uite 200 ivision 4/ Branch 1 00 East Mallard Drive oise ID 83706	ter,	AQD	
3. NAME AND ADDRESS OF CONTRACTOR (No., stre	at, county, State	and ZIP Code)	-	9A. AMENDMENT OF SOLICITATION NO.			
BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH ROAD NE 2ALGARY AB T2E 7G5			(x) x	98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER N D12PC00113	0.		
CODE 0071061255	EACILITY O	005		10B. DATED (SEE ITEM 13)			
CODE 0071061255	FACILITY C			01/05/2012			
THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an offi- to the solicitation and this amendment, and is receive 2. ACCOUNTING AND APPROPRIATION DATA (If re- )1	ar already subr d prior to the o	nitted, such change may b pening hour and date spec	e ma sified.	de by telegram or letter, provided each telegram or	s 112,	akes refe	rence
	ODIFICATION	OF CONTRACTS/ORDER	8. I	MODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBED		14.
CHECK ONE A. THIS CHANGE ORDER IS ISSUED	PURSUANT T	D: (Specify authority) THE	CH	ANGES SET FORTH IN ITEM 14 ARE MADE IN TH	HE CONT	RACT	
				ADMINISTRATIVE CHANGES (such as changes i ITY OF FAR 43.103(b).			
C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERE	D INTO PURSUANT TO A	UTH	ORITY OF:			
D. OTHER (Specify type of modification							
X FAR 52.212-4(c) Char	iges						
		to sign this document and					
4. DESCRIPTION OF AMENDMENT/MODIFICATION LIGHT SERVICES PROVIDED IN IXED WING PROGRAM IST OF CHANGES:						UPPO!	RT,
eason for Modification : Fu Yotal Amount for this Modifi New Total Amount for this Ve	cation:	-\$112,772.94					
otal Amount changed rom (b) (4) to (b) (4) ayment Terms: ontinued							
xcept as provided herein, all terms and conditions of th	e document re	ferenced in Item 9A or 10A	, as	heretofore changed, remains unchanged and in full	force an	d effect.	
5A. NAME AND TITLE OF SIGNER (Type or print)			16	A. NAME AND TITLE OF CONTRACTING OFFIC			
58. CONTRACTOR/OFFEROR		15C DATE SIGNED	-	avid Hershey B. UNITED STATES OF AMERICA		160	. DATE SIGNED
(Signature of person authorized to sign)			-	(Signature of Contracting Officer)			
SN 7540-01-152-8070		L			ANDARD	FORM 3	0 (REV. 10-83)
revious edition unusable				Pre	scribed b R (48 CFF	y GSA	. ,

CONTINUATION SHEET
--------------------

REFERENCE NO. OF DOCUMENT BEING CONTINUED D12 PC00113/0008

PAGE OF 2

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT	AMOUNT (F)
	PP30 Delivery Location Code: 0008755407 DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200 Boise ID 83706 US			
	Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 05/02/2013 to 06/30/2013 Change Item 00150 to read as follows(amount shown is the obligated amount):			
00150	Additional Funds to support the Switchyard Project April - May 2012.			-112,772.94
			_	

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (Il applicable)
0009	05/23/2013	0040091056	
6. ISSUED BY CODE	D41	7. ADMINISTERED BY (If other than Item 8)	CODE D41
DOI, National Business Cente	r, AQD	DOI, National Business (	Center, AOD
Division 4/ Branch 1		Suite 200	·····, ··· <b>·</b> ·
300 East Mallard Drive		Division 4/ Branch 1	
Suite 200		300 East Mallard Drive	
Boise ID 83706		Boise ID 83706	
8. NAME AND ADDRESS OF CONTRACTOR (No., street	, county, State and ZIP Code)	(X) SA. AMENDMENT OF SOLICITATION NO.	
BOREK, KENN AIR LTD			
Attn: ATTN GOVERNMENT POC		9B. DATED (SEE ITEM 11)	
290 MCTAVISH ROAD NE			
CALGARY AB T2E 7G5		10A. MODIFICATION OF CONTRACT/ORD	ER NO.
		× D12PC00113	
		10B. DATED (SEE ITEM 13)	
CODE 0071061255	FACILITY CODE	01/05/2012	
	11. THIS ITEM ONLY APPLIES TO	AMENDMENTS OF SOLICITATIONS	
The above numbered solicitation is amended as set fo	rth in liem 14. The hour and date spec	ified for receipt of Offers	extanded, Dis not extanded.
Items 8 and 15, and returning cop separate letter or telegram which includes a reference THE PLACE DESIGNATEO FOR THE RECEIPT OF C virtue of this amendment you desire to change an offe to the solicitation and this amendment, and is received	to the solicitation and amendment num DFFERS PRIOR TO THE HOUR AND I r already submitted, such change may	DATE SPECIFIED MAY RESULT IN REJECTION ( be made by telegram or letter, provided each teleg	IT TO BE RECEIVED AT OF YOUR OFFER. If by
12. ACCOUNTING AND APPROPRIATION DATA (If reg 01	uired) Ne	t Increase:	\$80,000.00
the second secon	ODIFICATION OF CONTRACTS/ORDE	RS. IT MODIFIES THE CONTRACT/ORDER NO. A	S DESCRIBED IN ITEM 14.
A. THIS CHANGE ORDER IS ISSUED F ORDER NO. IN ITEM 10A.	URSUANT TO. (Specify authority) TH	E CHANGES SET FORTH IN ITEM 14 ARE MADE	IN THE CONTRACT
B. THE ABOVE NUMBERED CONTRAC	TORDER IS MODIFIED TO REFLEC	T THE ADMINISTRATIVE CHANGES (such as cha THORITY OF FAR 43, 103(b).	inges in paying office,
C. THIS SUPPLEMENTAL AGREEMEN	TIS ENTERED INTO PORSOANT TO	AUTHORITY OF:	
D. OTHER (Speally type of modification	and authority)		
X FAR 52.212-4(c) Chan	ges		
E. IMPORTANT: Contractor Dis not.	is required to sign this document a	nd return1 copies to the i	ssuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION			
FLIGHT SERVICES PROVIDED IN : FIXED WING PROGRAM	SUPPORT OF THE NATIO	DNAL SCIENCE FOUNDATION, A	ARCTIC SUPPORT,
Constant Const			
Greenland Project - 2013			
LIST OF CHANGES:	nnlemental Arrosport	for work within some	Additional dave of
Reason for Modification : Sup		-	- (im)
availability and changes to		ance periods. See the at	tached Statement of
Work - Modificaton 09, dated	May 15, 2013		
Payment Terms: PP30			
Delivery Location Code: 0008	755407		
Continued	/ 5510/		
Except as provided herein, all terms and conditions of the	e document referenced in Item BA or 10	DA as heretofore changed, remains unchanged an	d in full force and affect.
15A. NAME AND TITLE OF SIGNER (Type or print)		164. NAME AND TITLE OF CONTRACTING	
BRIAN CROCKER OPERATION	NS MANAGER	John Hedeen	
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES OF AMERICA	16C. DATE SIGNED
Ginalen	_ 6/11/2013	John Nea	leen 6/11/2013
(Signaturijot person authorized to sign) NSN 7540-01-152-8070		(Signature of Contracting Officer)	STANDARD FORM 30 (REV. 10-83)
Previous edition unusable			Prescribed by GSA FAR (48 CFR) 53.243

CONTINUES		
CONTINUAT	ION :	SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED D12PC00113/0009

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/BERVICES (B)	QUANTITY (C)	ÛNIT (D)	UNIT PRICE	AMOUNT (F)
	DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200 Boise ID 83706 US				
	Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 05/02/2013 to 06/30/2013				
	Add Item 00420 as follows:				
00420	NSF-Greenland Support 2013-Additional AV Obligated Amount: \$80,000.00				80,000.00
	Arctic support for the NSF in Greenland. This modification adds additional days of availability due to weather delays during the originally planned project performance period. This project was previously awarded on line item 0410. Continue to use line item 0410 and only use line item 0420 as needed for additional daily availability days per the statement of work, section 3.0.				
N 7540-01-152-8					

PAGE OF 2

2

# STATEMENT OF WORK (SOW)

**Greenland Support 2013** 

With

# Kenn Borek Air Ltd. (KBAL)

For

National Science Foundation (NSF) & US Department of the Interior, Office of Aviation Services and Acquisition Services Directorate

> Finalized by OAS/AQD Boise 05 April, 2013 Modified May 15, 2013 (D12PC00113, Mod 09)

### 1.0 Scope

The following document is a statement of work encompassing a single project funded by the National Science Foundation with the work performed by Kenn Borek Air, LTD to be performed under contract D12PC0013, utilizing CLIN A16 and all terms and conditions of that contract shall apply during the support of this project.

1.1 This NSF sponsored, multi-year project will drill a 200-meter ice core at a low snow accumulation site in northeast Greenland during the period of performance. This core, along with similar archived core, will be used to obtain high resolution measurements of aerosols and methane concentrations in the ice, which, in turn, will allow a quantitative assessment of the impact of in-situ methane production on historical records of atmospheric methane in Greenland ice cores.

1.2 From Kangerlussuaq, the team of 5 researchers and 7,500 lbs of science cargo will deploy to Greenland Ice Sheet sites listed in exhibit 1. Upon completion a total of 11,000 lbs of gear and ice cores will be flown back to Kangerlussuaq.

The field campaign will involve approximately hours of logistics support time (excluding transit) on the KBAL aircraft.

### 2.0 Miscellaneous Notes

2.1 Deployment Specifics and Usage.

2.1.1 KBAL will provide (b) (4) (b) (4) appropriate to properly maintain and safely operate in

appropriate to property maintain and safety operate in remote environments (See Section 3.0 for EU detail). The aircraft shall be capable of transporting all gear and people, as described herein landing off-strip on skiways and unprepared strips on the Greenland ice sheet. The flight operations will solely be used by the National Science Foundation grantee support of the listed project for the total period not to exceed the two periods 6-13 May and 1-4 June, 2013 except for mutually agreed upon extension due to weather or operational delays, see section 3.0 for details. All rates listed herein are dry rates (fuel will be supplied by NSF sources at Summit Station, however at BGSF fuel will be obtained commercially for mobilization / demobilization and any project support flights passing through due to limited resources at Summit). Receipts required for all purchased fuel, handling and parking at BGSF.

2.1.2 Deploy / Redeploy / Crew Swap. The aircraft and associated crews and support staff will deploy from Iqaluit (CYFB) direct to Kangerlussuaq, Greenland (BGSF) where the project will initiate and complete. However, once the mission begins, operations will base out of sites to include Summit station and Tunu field camp, in support of the project (See exhibit 1).

### 2.2 Technical Details

2.2.1 Aircraft configuration as determined by the customer will be IAW with any OPSPEC, Flight Manual or approved Transport Canada (limited) STC. Should additional modifications require approval that may exceed estimates discussed and noted in section 3.0, KBAL shall notify OAS for further clarification. The retractable ski STC will be required to successfully perform work on this project.

2.2.2 The research team requires transport of limited amounts of hazardous materials to include power equipment (generators with fuel/oil). Dangerous good shall be transported in accordance with Transport Canada regulations and KBAL existing operational procedures.

2.3 Clearances. Researchers are responsible for all applicable clearances and permits necessary for their work.

2.4 Administrative. Should an issue arise wherein there is a conflict of available assets to support a project the NSF Arctic Program Manager shall clearly prioritize the use of all assets to all parties.

This document details our best estimate of the project, however KBAL shall notify the Contracting Officer of all changes to this project scope that increase the price or period of performance prior to performing those changes. Figures are given in USD.

## 3.0 Pricing (Modification 09)

Tracking and documentation for all services will require weekly updates to the COTR at OAS to include current FT total and operation updates. These can come from either the vendor or a designated Polar Field representative, as there will be no direct government supervision on site. FT and AV logs will be provided for each CLIN listed below to assist in the tracking. All aircraft flight logs will be scanned and forwarded to the COTR for validation of services prior to payment. The <u>COTR must be notified immediately when 75% of estimated flight time is reached</u>. Payment for the services provided under this order will be made in accordance with Contract D12PC00113 as follows:

	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
1.a	(b) (4) May 7-12, June 2-3, 2013*** Price per day for availability	AV	(b) (4)	DAYS	(h)	( <b>4</b> )
1.b.	Price per day for availability Price per flight hour for estimated flight hours	FT		FLIGHT HOURS		
1.c.	Mob/Demob (Single Charge for both)	SC		NTE		
1.d.	Additional Days of Availability**	AV		DAYS		
operatio ***Aircra unless a	ional days of availability as needed and onal delays. aft shall mob May 6, June 1 to fly missic dditional days (1.d) are required due to ATED TOTAL, AVAILABILITY AND F	ons May 7- weather/o	-12 / June 2-3 and perational delays	demob May	13, June 4,	
operatio ***Aircra unless a ESTIMA	mal delays. aft shall mob May 6, June 1 to fly missic dditional days (1.d) are required due to	ons May 7- weather/o LIGHT HO PAY ITEM	-12 / June 2-3 and perational delays	demob May	13, June 4,	EXTENDED
operatio ***Aircr unless a ESTIMA ITEM 2.a.	onal delays. aft shall mob May 6, June 1 to fly mission additional days (1.d) are required due to ATED TOTAL, AVAILABILITY AND Fl	ons May 7- weather/o LIGHT HC	-12 / June 2-3 and perational delays OURS	demob May	13, June 4,	EXTENDED AMOUNT
operatio ***Aircr. unless au ESTIMA ITEM 2.a.	onal delays. Taff shall mob May 6, June 1 to fly mission diditional days (1.d) are required due to ATED TOTAL, AVAILABILITY AND FO DESCRIPTION Total Fuel Charges (Mob/Demob/	ons May 7- weather/o LIGHT HO PAY ITEM CODE	-12 / June 2-3 and perational delays OURS QUANTITY	demob May	13, June 4,	

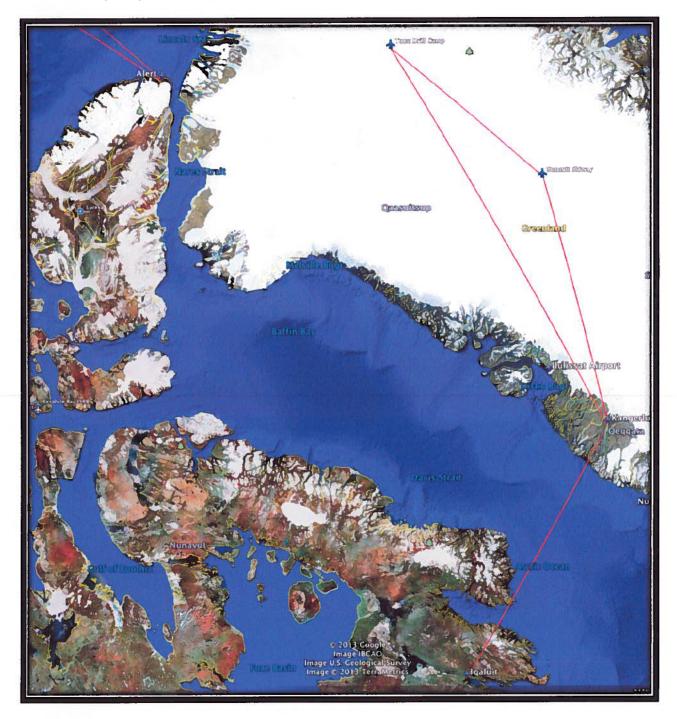


Exhibit 1 (Project Over view of Sites)

# RELEVANT COORDINATES

Site Name	Latitude	Longitude
Kangerlussuaq (SFJ)	67° 0′ 31″ N	50° 41' 21" W
Summit	72°35'46.4"N	38°25'19.1"W
TUNU	78° 00' 59" N	33° 59' 00" W

AMENDMENT OF SOLICITATION	ODIFIC/	TION OF CONTRACT		1 CONTRACT ID CODE	T	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE	4 1	EQUISITION/PURCHASE REQ. NO.	6. PRC	1 7 NECT NO. (If applicable)
0010		07/12/2013		24 A		
6. ISSUED BY	CODE	D41	7.	ADMINISTERED BY (If other than Item Q	CODE	D41
DOI, National Business Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	Cente	r, AQD	St Di 3	DI, National Business Cent hite 200 lvision 4/ Branch 1 DO East Mallard Drive bise ID 83706	er,	AQD
8. NAME AND ADDRESS OF CONTRACTOR	(No., street	county, State and 21P Code)	-	BA, AMENDMENT OF SOLICITATION NO.		
BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT P 290 MCTAVISH ROAD NE CALGARY AB T2E 7G5				8B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO D12PC00113 10B. DATED (SEE ITEM 13)	>.	
CODE 0071061255		FACILITY CODE		01/05/2012		
		11. YHIS IYEE ONLY APPLIES YO A	HIGH			
THE PLACE DESIGNATED FOR THE REC visitus of this emendment you desire to char reference to the soficiation and this emend 12 ACCOUNTING AND APPROPRIATION D. See Schedule 13. THIS ITEM ONLY APPR CHECK ONLY A THIS CHANGE ORDER IS ORDER NO IN ITEM 10A.	EIPT OF C nge an offer <u>mani, and j</u> ATA ( <i>II requ</i> LIBS TO M ISSUED P	IFFERS PRIOR TO THE HOUR AND DA already submitted, such change may be a received arter to the opening hour end (red) No t DOIPICATION OF CONTRACTS/ORDER URBUANT TO (Specify suthority) THE	date date D B. fl		IR OFF letter n 692 , ICRIBE	ER If by vakes 248 , 82 D IN ITEM 14. TRACT
C. THIS SUPPLEMENTAL AD		18 ENTERED INTO PURSUANT TO AL	ITH(	RITYOP		
X FAR 52.212-4 (c)		155				
E. IMPORTANT: Contractor	is not	I is required to sign this document and	retu	m copies to the issuing	office.	
	D IN S : Fur odific	SUPPORT OF THE NATION ding Only Action cation: -\$692,248.82	IAI	g solicitationscontrect subject meller where the subject SCIENCE FOUNDATION, ANTA	-	CA and
	n subr	nitted. With this m	100	balance on the following lification, the contractor under these items.		
CHANGES FOR LINE ITEM N	UMBER :	310				
Continued						
Except as provided herein all terms and cond ISA NAME AND TITLE OF SIGNER (Type or		document referenced in Item 9 A or 10A	-	heretofore changed, remains unchanged and in ful A. NAME AND TITLE OF CONTRACTING OFFICE	_	the second s
JOHN HARMER		15C. DATE SIGNED	-	Chael Willis		16C. DATE GIGNED
Hill Harder associated to a	<b>z</b> t/	July 29/13		Repeaters of Contracting Officer)		7/3//13
resN 7540-01-152-8070 Previous edition unuseble			,	Prés	soribed	D FORM 30 (REV. 10-83) by GSA R) 53.243

CONTINUATION SHEET REFERENCE NO. OF DOCUMENT BEING CONTINUED D12 PC00113/0010					2	Ĩ
AME OF OFF	EROR OR CONTRACTOR TENN AIR LTD		-		l	
ITEM NO.	SUPPLIES/BERVICES QUANTITY UNIT UNIT PRICE					
(A)	(B)	(C)	(D)	(E)		(F)
	Total Amount changed from(b) (4) to (b) (4) Obligated Amount for this modification: (b) (4) CHANGES FOR LINE ITEM NUMBER: 320					

CHANGES FOR LINE ITEM NUMBER: 330 Total Amount changed from(b)(4) to(b)(4) Obligated Amount for this modification: b)(4)

Obligated Amount for this modification:

Total Amount changed from (b)(4) to (b)(4)

b) (4

CHANGES FOR LINE ITEM NUMBER: 340 Total Amount changed from (b) (4) to(b) (4) Obligated Amount for this modification:

CHANGES FOR LINE ITEM NUMBER: 350 Total Amount changed from (D) (4) to (b) (4)

(D) (4) CHANGES FOR LINE ITEM NUMBER: 360 Total Amount changed from (b) (4) Obligated Amount for this modification: (b) (4)

CHANGES FOR LINE ITEM NUMBER: 370

Obligated Amount for this modification:

Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4) CHANGES FOR LINE ITEM NUMBER: 380 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)

CHANGES FOR LINE ITEM NUMBER: 390 Total Amount changed from (b) (4) to (b) (4)

Obligated Amount for this modification: (b)(4) Continued ...

> OPTIONAL FORM 338 (4-66) Spansored by GSA FAR (46 GFR) 53, 110

NEN 7540-01-182-8097

	REFERENCE NO. OF DOCUMENT BEING CONTINUED
CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED D12PC00113/0010

OF 7 MGE 3

(A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE	AMOUNT
,	(0)		,	(5)	(P)
	CHANGES FOR LINE ITEM NUMBER: 400				
	from (b) (4) to (b) (4)				
	Obligated Amount for this modification:				
	(b) (4)				
	CHANGES FOR LINE ITEM NUMBER: 410 Total Amount changed				
	from $(b)$ (4) to $(b)$ (4)				
	Obligated Amount for this modification: $(b)$ $(4)$				
		I I		1	
	Line item 420 canceled				
	Payment Terms:				
	PP30				
	Delivery Location Code: 0008755407				
	DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200				
	Boise ID 83706 US				
	FOB: Destination				
	Period of Performance: 05/02/2013 to 08/30/2013				
	Change Item 00310 to read as follows(amount shown		-		
	is the obligated amount):				
0310	ADDITIONAL CREW				(b) (4)
	Accounting Info:				
	01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68677000 Functional Area:				
	DWDCA0000.180000 Fund: XXXD4523WD Fund Center:				
	DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct				
	Assign Line: 01 Funded: (b) (4)				
	Change Item 00320 to read as follows (amount shown				
	is the obligated amount):				
1					
0320	(b) (4)				(b) (4)
Ī	Obligated Amount: (b) (4)	1			
	Accounting Info:				
	01 Account Assignment: K G/L Account: 6100.252L0				
	Business Area: D000 Commitment Item: 252L00 Cost				
	Continued				
	······································				OPTIONAL FORM 236 (1-25)
7540-01-183-8					

CONTIN	UATION SHEET REFERENCE NO. OF DOCUME D12PC00113/0010	NT BEING CONTINUED				FAGE O	7
	EROR OR CONTRACTOR						· ·
REK, I	KENN AIR LTD						
TEM NO	6UPPLIEB/SEI	WCE8	QUANTITY		UNIT PRICE	ANOUN	π
(A)	(B)		(C)	(D)	(E)	(F)	
	Center: DS68694300 Function						
	DWDAQE000.1K0000 Fund: XXXD DS68694300 Project/WBS: DR.				1		
	Assign Line: 01	NOMET.IJAJEOUT EN ACCE					
	Funded: (b) (4)				1		
	Change Item 00330 to read as	follows (amount shown					
	is the obligated amount):	S LOLIOWS (amount shown					
	(b) (4)					(b) (	<u>/</u> )
00330	Obligated Amount: (b) (4)					(b) (	4)
	Obligated Audult: (D) (4)						
	Accounting Info:						
	01 Account Assignment: K G/1						
	Business Area: D000 Commitme						
	Center: DS68694300 Function DWDAQE000.1K0000 Fund: XXXD						
	DS68694300 Project/WBS: DR.I						
	Assign Line: 01				1		
	Funded: $(b)$ (4)						
	Change Item 00340 to read as	s follows(amount shown					
	is the obligated amount):						
0340	(b) (4)					(b) (4)	
0540	Obligated Amount: (b) (4)						)
	Accounting Info:						
	01 Account Assignment: K G/I						
	Business Area: D000 Commitme Center: DS68694300 Functiona						
	DWDAQE000.1K0000 Fund: XXXD4						
	DS68694300 Project/WBS: DR.M				1		
	Assign Line: 01						
	Funded: (b) (4)						
	Change Item 00350 to read as	follows(amount shown			1		
	is the obligated amount):						
0350	(b) (4)				1	(b) (4	
	Obligated Amount: (b) (4)						
	Becounting Info.						
	Accounting Info: 01 Account Assignment: K G/I	Account: 6100.25210					
	Continued	A CONTRACTOR OF A CONTRACTOR O					
7540-01-152	6067					TIONAL FORM 338 (4-65)	
						nmoned by 65A R 148 CFR5 63, 110	

CONTINUATION SHEET

PAGE 5 OF 7

	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area:				
	DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center:				
	DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct				
	Assign Line: 01 Funded: () (4)				
	Change Item 00360 to read as follows (amount shown				
	is the obligated amount):				
00360	CARGO HANDLER				(b) (1)
00360	Obligated Amount: (b) (4)				(b) (4)
	obligated Amount:				
	Accounting Info:				
	01 Account Assignment: K G/L Account: 6100.252L0				
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area:				
	DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center:				
	DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct				
	Assign Line: 01				
	Funded: (0) (4)				
	Change Item 00370 to read as follows(amount shown				
	is the obligated amount):				5. 5
	-				
	(b) (4)				
00370	ARCTIC SUPPORT 2013-(b) (4)				(b) (4)
	Obligated Amount: (b) (4) IT Approval Num: N				
	a subrage and the				
	Accounting Info:				
	01 Account Assignment: K G/L Account: 6100.252L0			1	
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68677000 Functional Area:				
	DNDCA0000.IB0000 Fund: XXXD4523WD Fund Center:				
	DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct			1	
	Assign Line: 01				
	Funded: (b) (4)				
	(b) (4) to support the National				
	(5) (4) to support the National Science Foundation in the Arctic in accordance				
	with B1.1.1.2. Arctic Programs and the attached				
	Statement of Work, Arctic Support 2013. The				
	flights are planned for April 1, 2013 through May				
	15, 2013 dependent on weather and ice conditions.				
	Change Item 00380 to read as follows (amount shown			1	
	Continued				

CONTIN	UATION SHEET REFERENCE NO. OF DOCUMENT BEING CONTINUED D12 PC00113/0010				AGE OF
	EROR OR CONTRACTOR KENN AIR LTD				
ITEM NO. (A)	SUPPLIES/SERVICES (B) is the obligated amount):	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00380	ARCTIC SUPPORT 2013-(b) (4) Obligated Amount: (b) (4) IT Approval Num: N				<b>(b)</b> (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 Funded: (b) (4)				
	(0) (4) to support the National Science Foundation in the Arctic in accordance with B1.1.1.2 Arctic Programs and the attached Statement of Work, Arctic Support 2013. the Flights are planned for April 1, 2013 through May 15, 2013 dependent on weather and ice conditions.				
	Change Item 00390 to read as follows(amount shown is the obligated amount):	-			
0390	ARCTIC SUPPORT 2013(b) (4) Obligated Amount:(b) (4) IT Approval Num: N				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 Funded: (b) (4)				
2	b) (4) to support the National Science Foundation in the Arctic in accordance with B1.1.1.2 Arctic Programs and the attached Statement of Work, Arctic Support 2013. the Flights are planned for April 3, 2013 through April 12, 2013 dependent on weather and ice conditions.				
- 1	Change Item 00400 to read as follows(amount shown is the obligated amount): Continued				

OPTIONAL FORM 338 (4-05) Spotsoned by GBA FAR (48 CFR) 53,110

	FEROR OR CONTRACT	D12PC00113/0010				7 7
	KENN AIR LTD					
ITEM NO. (A)		SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (P)
00400	Aircraft Obligated A IT Approval					(b) (4)
	Business Ar Center: DS6 DWDCA0000.1	Assignment: K G/L Account: 6100.252L0 ea: D000 Commitment Item: 252L00 Cost 8677000 Functional Area: B0000 Fund: XXXD4523WD Fund Center: Project/WBS: DR.NONFT.12NSF739 PR Acct : 01				
	on this mod	ding charges for all aircraft included ification. This is a not to exceed the total awarded amount for this item.				
	Change Item is the obli	00410 to read as follows(amount shown gated amount):				
00410	(b) (4)	upport-(b) (4) mount:(b) (4) Num: N				(b) (4)
	Business Ar Center: DS6 DWDAQE000.1	Assignment: K G/L Account: 6100.252L0 ea: D000 Commitment Item: 252L00 Cost 8694300 Functional Area: K0000 Fund: XXXD4523WD Fund Center: Project/WBS: DR.NONFT.13NSF003 PR Acct : 01				
	Cancel Item	00420 in its entirety.				

AMENDM	ENT OF SOLICITATION/MODIFIC	ATION OF CONTRACT		1. CONTRACT ID CODE	PAG	E OF PAGES
2 AMENDMI	ENT/MODIFICATION NO	3. EFFECTIVE DATE	4. REQ	UISITION/PURCHASE REQ. NO.	6. PROJEC	T NO. (If applicable)
0011		08/09/2013	0040	109203		(
& ISSUED B	Y CODE	D41	7. AD8	INISTERED BY (If other than Itam 6)	CODE In	41
DOI, Na	ational Business Cente				- E	and the second se
	on 4/ Branch 1			National Business C e 200	enter, A	20
300 Eas	st Mallard Drive			sion 4/ Branch 1		
Suite 2	200		V .	East Mallard Drive		
Boise 1	ID 83706			e ID 83706		
S. NAME AN	DADORESS OF CONTRACTOR (No., sheet	county, State and ZIP Code)	00 84.	AMENDMENT OF SOLICITATION NO.		and the second se
OREK,	KENN AIR LTD					
Attn: A	TTN GOVERNMENT POC		90.	DATED (SEE ITEM 11)		
290 MCT.	AVISH RD NE					
ALGARY	AB T2E 7G5					
			× 121	MODIFICATION OF CONTRACT/ORDE 2PC00113	R NO.	
			108	DATED (SEE MEM 13)		
CODE 00	071061255	FACILITY CODE	_	/05/2012		
		11. THIS FIEM ONLY APPLIES		method and a second		
The above	numbered solicitation is amended as set fo				2020000000	
Offers mus	A acknowledge receipt of this emendment p	dor to the hour and data and data	Westerned FOF N		extended. 🗋 is	not extended.
tierns 8 en	d 15, and returning cov	the of the second sector of the sector	I Gie concerno	n or as emended , by one of the following	g methods: (a) By	completing
		to the solicitation and emoderate	oweoging rec	aipt of this amandment on each copy of th	ve offer submitted	or (c) By
THE PLAC	itter or telegram which includes a reference E DESIGNATED FOR THE RECEIPT OF (	DEFERS PRIOR TO THE HOUR AN	D DATE SOL	LURE OF YOUR ACKNOWLEDGEMEN	TO BE RECEIV	EDAT
ALTING OF AL	a emerciment you detaile to change an othe	r already submitted , such change m	nav be made t	v teleatern or latter, provided each teleon	TOUR OFFER	псу
Leber First A	o the solicitude and this amontment, and	le received prior to the opening hour	and data spe	cified		•
2 ACCOUN	TING AND APPROPRIATION DATA (If requ	vired) N	let Inc.	tease:	\$300,000	.00
					19	
	13. THIS ITEM ONLY APPLIES TO M	ODIFICATION OF CONTRACTS/OR	DERS. IT MO	DIFIES THE CONTRACT/ORDER NO. AS	DESCRIBED IN	ITEM 14.
CHECK ONE						
	A. THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A.	URSUANT TO: (Specify authority)	THE CHANG	S SET FORTH IN ITEM 14 ARE MADE	IN THE CONTRA	ст
	A. THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A.	URSUANT TO: (Specify authority)	THE CHANG	S SET FORTH IN ITEM 14 ARE MADE	IN THE CONTRA	ст
	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH	URSUANT TO: (Specify authority) TORDER IS MODIFIED TO REFLE IN ITEM 14, PURSUANT TO THE A	THE CHANG	INISTRATIVE CHANGES (such as change)	IN THE CONTRA	ст
CHECK ONE	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, stc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT	URGUANT TO: (Specify authority) TRORDER IS MODIFIED TO REFLE IN ITEM 14, PURSUANT TO THE A	THE CHANG	INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). Y OP	IN THE CONTRA	ст
	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang	TORDER IS MODIFIED TO REFLE IN ITEM 14, PURSUANT TO THE IS ENTERED INTO PURSUANT TO JES; C29 Increment	THE CHANG	INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). Y OP	IN THE CONTRA	ст
CHECK ONE	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, stc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT	TORDER IS MODIFIED TO REFLE IN ITEM 14, PURSUANT TO THE IS ENTERED INTO PURSUANT TO JES; C29 Increment	THE CHANG	INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). Y OP	IN THE CONTRA	ст
CHECK ONE	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang	TORDER IS MODIFIED TO REFLE IN ITEM 14, PURSUANT TO THE IS ENTERED INTO PURSUANT TO JES; C29 Increment	THE CHANG	INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). Y OP	IN THE CONTRA	ст
CHECK ONE	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of	TORDER IS MODIFIED TO REFLE IN ITEM 14, PURSUANT TO THE IS ENTERED INTO PURSUANT TO JES; C29 Increment	THE CHANG CTTHE ADM WTHORITY O AUTHORITY ally Pu	INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). Y OP	IN THE CONTRA ges in paying offic tract	ст
CHECKONE X	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modelication of T: Contractor is not.	TRANT TO: (Specify authority) TRORDER IS MODIFIED TO REFLE IN ITEM 14, PURSUANT TO THE A IS ENTERED INTO PURSUANT TO Jes; C29 Increment and authority) Is required to sign this document	THE CHANG	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). Y OP nded Fixed Price Con	IN THE CONTRA gee in paying offic tract	ст
X	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modelication of The Contractor is not. THON OF AMENDMENT/MODIFICATION (c)	URSUANT TO: (Specify authonity) TRORDER IS MODIFIED TO REFLE IN ITEM 14, PURSUANT TO THE A IS ENTERED INTO PURSUANT TO JOS; C29 Increment and authority) Is required to sign this document Organized by UCF section headings	THE CHANG	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). Y OP nded Fixed Price Con 1 copies to the lat fotation/control subject metter where R	IN THE CONTRA gee in paying offic tract suing office.	ст ж
X IMPORTAN LIGHT	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modelication of T: Contractor is not.	URSUANT TO: (Specify authonity) TRORDER IS MODIFIED TO REFLE IN ITEM 14, PURSUANT TO THE A IS ENTERED INTO PURSUANT TO TOS; C29 Increment and authority) Is required to sign this document Organized by UCF section headings	THE CHANG	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). Y OP nded Fixed Price Con 1 copies to the lat fotation/control subject metter where R	IN THE CONTRA gee in paying offic tract suing office.	ст ж
X IMPORTAN LIGHT : RCTIC,	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, stc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of T: Contractor is not THON OF AMENDMENTMODIFICATION (C) SERVICES PROVIDED IN S FY 2013.	URSUANT TO: (Specify authonity) TRORDER IS MODIFIED TO REFLE IN ITEM 14, PURSUANT TO THE A 'IS ENTERED INTO PURSUANT TO JES; C29 Increment and authority) Is required to sign this document Organized by UCF section headings SUPPORT OF THE NAT	THE CHANGE CT THE ADA AUTHORITY O AUTHORITY ally Fu ally Fu t and return a, including so IONAL S	ES SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). YOP Inded Fixed Price Con copies to the las copies to the las copies to the las copies to the las copies to the las	IN THE CONTRA gee in paying offic tract suing office.	ст ж
X IMPORTAN LIGHT S RCTIC, eason :	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, stc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modelastion of D. OTHER (Specify type of modelastion of SERVICES PROVIDED IN S FY 2013. for Modification : Sup	URSUANT TO: (Specify authonity) TRORDER IS MODIFIED TO REFLE IN ITEM 14, PURSUANT TO THE/ IS ENTERED INTO PURSUANT TO TGES; C29 Increment and authority) Is required to sign this document Organized by UCF section headings SUPPORT OF THE NAT coplemental Agreement	THE CHANGE CTTHE ADA WITHORITY O AUTHORITY ally Fu ally Fu	ES SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). YOP Inded Fixed Price Con copies to the las copies to the las copies to the las copies to the las copies to the las	IN THE CONTRA gee in paying offic tract suing office.	ст ж
X X LIMPORTAN A. DESCRIP LIGHT : RCTIC, eason : otal Ar	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) BET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of D. OTHER (Specify type of modification of SERVICES PROVIDED IN S FY 2013. for Modification : Sup Rount for this Modific	TORDER IS MODIFIED TO REFIE IN TEM 14. PURSUANT TO THE IN TEM 14. PURSUANT TO THE IS ENTERED INTO PURSUANT TO THE SCIENCE INTO PURSUANT TO THE SCIENCE INTO PURSUANT TO THE SCIENCE INTO PURSUANT TO THE SCIENCE INTO PURSUANT SUPPORT OF THE NAT Poplemental Agreement Cation: \$300,000.0	THE CHANGE CTTHE ADA WITHORITY O AUTHORITY ally Fu ally Fu	ES SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). YOP Inded Fixed Price Con copies to the las copies to the las copies to the las copies to the las copies to the las	IN THE CONTRA gee in paying offic tract suing office.	ст ж
X LIMPORTAN A. DESCRIP LIGHT : RCTIC, Geason : otal Ar	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, stc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modelastion of D. OTHER (Specify type of modelastion of SERVICES PROVIDED IN S FY 2013. for Modification : Sup	TORDER IS MODIFIED TO REFIE IN TEM 14. PURSUANT TO THE IN TEM 14. PURSUANT TO THE IS ENTERED INTO PURSUANT TO THE SCIENCE INTO PURSUANT TO THE SCIENCE INTO PURSUANT TO THE SCIENCE INTO PURSUANT TO THE SCIENCE INTO PURSUANT SUPPORT OF THE NAT Poplemental Agreement Cation: \$300,000.0	THE CHANGE CTTHE ADA WITHORITY O AUTHORITY ally Fu ally Fu	INISTRATIVE CHANGES (such as changed in the second	IN THE CONTRA gee in paying offic tract suing office.	ст ж
X LIMPORTAN A. DESCRIP LIGHT S RCTIC, Cotal Ar few Tota	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) BET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of D. OTHER (Specify type of modification of SERVICES PROVIDED IN S FY 2013. for Modification : Sup mount for this Modific al Obligated Amount for	TORDER IS MODIFIED TO REFIE IN TEM 14. PURSUANT TO THE A IN TEM 14. PURSUANT TO THE A IS ENTERED INTO PURSUANT TO THE A IS ENTERED INTO PURSUANT TO THE SET OF THE SUBJECT OF THE MAT END SUPPORT OF THE NAT Opplemental Agreement Sation: \$300,000.0 Or this Award: (D)	THE CHANGE CTTHE ADE WITHORITY O AUTHORITY O AUTHORITY ally Fu ally Fu a including so IONAL S IONAL S nt for 0 (4)	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). YOP Inded Fixed Price Con copies to the last copies to the last copie	IN THE CONTRA ges in paying offic tract tract wing office. astible.) NTARCTICF	ct A and
X LIMPORTAN A. DESCRIP LIGHT : RCTIC, eason : otal Ar ew Tota . This	A THIS CHANGE ORDER IS ISSUED P ORDER NO IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, stc.) SET FORTH C. THIS SUPPLEMENTAL ACREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of D. OTHER (Specify type of modification of SERVICES PROVIDED IN S FY 2013. for Modification : Sup mount for this Modific al Obligated Amount for modification extends	TORDER IS MODIFIED TO REFIE IN TEM 14. PURSUANT TO THE A IN TEM 14. PURSUANT TO THE A IS ENTERED INTO PURSUANT TO THE A IS ENTERED INTO PURSUANT TO THE SET OF THE SUBJECT OF THE MAT END SUPPORT OF THE NAT Opplemental Agreement Sation: \$300,000.0 Or this Award: (D)	THE CHANGE CTTHE ADE WITHORITY O AUTHORITY O AUTHORITY ally Fu ally Fu a including so IONAL S IONAL S nt for 0 (4)	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). YOP Inded Fixed Price Con copies to the last copies to the last copie	IN THE CONTRA ges in paying offic tract tract wing office. astible.) NTARCTICF	ct A and
X X LIMPORTAN A DESCRIP LIGHT : RCTIC, eason : otal Ar ew Tota . This	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) BET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of D. OTHER (Specify type of modification of SERVICES PROVIDED IN S FY 2013. for Modification : Sup mount for this Modific al Obligated Amount for	TORDER IS MODIFIED TO REFIE IN TEM 14. PURSUANT TO THE A IN TEM 14. PURSUANT TO THE A IS ENTERED INTO PURSUANT TO THE A IS ENTERED INTO PURSUANT TO THE SET OF THE SUBJECT OF THE MAT END SUPPORT OF THE NAT Opplemental Agreement Sation: \$300,000.0 Or this Award: (D)	THE CHANGE CTTHE ADE WITHORITY O AUTHORITY O AUTHORITY ally Fu ally Fu a including so IONAL S IONAL S nt for 0 (4)	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). YOP Inded Fixed Price Con copies to the last copies to the last copie	IN THE CONTRA ges in paying offic tract tract wing office. astible.) NTARCTICF	ct A and
X X LIMPORTAN A DESCRIP LIGHT : RCTIC, eason : otal Ar ew Tota . This	A THIS CHANGE ORDER IS ISSUED P ORDER NO IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, stc.) SET FORTH C. THIS SUPPLEMENTAL ACREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of D. OTHER (Specify type of modification of SERVICES PROVIDED IN S FY 2013. for Modification : Sup mount for this Modific al Obligated Amount for modification extends	TORDER IS MODIFIED TO REFIE IN TEM 14. PURSUANT TO THE A IN TEM 14. PURSUANT TO THE A IS ENTERED INTO PURSUANT TO THE A IS ENTERED INTO PURSUANT TO THE SET OF THE SUBJECT OF THE MAT END SUPPORT OF THE NAT Opplemental Agreement Sation: \$300,000.0 Or this Award: (D)	THE CHANGE CTTHE ADE WITHORITY O AUTHORITY O AUTHORITY ally Fu ally Fu a including so IONAL S IONAL S nt for 0 (4)	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). YOP Inded Fixed Price Con copies to the last copies to the last copie	IN THE CONTRA ges in paying offic tract tract wing office. astible.) NTARCTICF	ct A and
X X LIMPORTAN A. DESCRIP LIGHT : RCTIC, Cotal Ar (ew Tota A. This services	A THIS CHANGE ORDER IS ISSUED P ORDER NO IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, stc.) SET FORTH C. THIS SUPPLEMENTAL ACREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of D. OTHER (Specify type of modification of SERVICES PROVIDED IN S FY 2013. for Modification : Sup mount for this Modific al Obligated Amount for modification extends	TORDER IS MODIFIED TO REFIE IN TEM 14. PURSUANT TO THE A IN TEM 14. PURSUANT TO THE A IS ENTERED INTO PURSUANT TO THE A IS ENTERED INTO PURSUANT TO THE SET OF THE SUBJECT OF THE MAT END SUPPORT OF THE NAT Opplemental Agreement Sation: \$300,000.0 Or this Award: (D)	THE CHANGE CTTHE ADE WITHORITY O AUTHORITY O AUTHORITY ally Fu ally Fu a including so IONAL S IONAL S nt for 0 (4)	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). YOP Inded Fixed Price Con copies to the last copies to the last copie	IN THE CONTRA ges in paying offic tract wing office. wind office. wind office. wind office.	a and to Extend
X X LIMPORTAN A DESCRIP LIGHT : RCTIC, eason : otal Ar ew Tota . This ervices . Add	A THIS CHANGE ORDER IS ISSUED P ORDER NO IN ITEM 10A B. THE ABOVE NUMBERED CONTRAC approprision date, etc.) SET FORTH C. THIS SUPPLEMENTAL ACREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification to D. OTHER (Specify type of modification to TION OF AMENDMENTIMODIFICATION (C) SERVICES PROVIDED IN S FY 2013, for Modification : Sup nount for this Modific al Obligated Amount for modification extends as (48 CFR 52.217-8). Line Item 430, (b) (4)	TORDER IS MODIFIED TO REFIE IN ITEM 14, PURSUANT TO THE A IN ITEM 14, PURSUANT TO THE A IS ENTERED INTO PURSUANT TO ges; C29 Increment and authority) Is required to sign this document Organized by UCF section heredings SUPPORT OF THE NAT Oplemental Agreement cation: \$300,000.00 or this Award: (D) services to 9/30/2	THE CHANGE CTTHE ADE AUTHORITY O AUTHORITY O AUTHORITY ally Pu and return a including so IONAL S IONAL S nt for 0 (4) 2013 in	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang FFAR 43 103(b). YOP Inded Fixed Price Con copies to the last actualization contract subject method is to the last actualization for the last actual on the last of the last of the last actual on the last of the last of the last of the last actual on the last of the	IN THE CONTRA	a and to Extend contract
X A DESCRIP LIGHT S RCTIC, eason S otal An ew Tota . This ervices . Add o suppo	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC approprision date, stc.) BETFORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of D. OTHER (Specify type of modification of SERVICES PROVIDED IN S FY 2013. for Modification : Sup nount for this Modific al Obligated Amount for modification extends s (48 CFR 52.217-8). Line Item 430, (b) (4)	TORDER IS MODIFIED TO REFIE IN ITEM 14, PURSUANT TO THE A IN ITEM 14, PURSUANT TO THE A IS ENTERED INTO PURSUANT TO ges; C29 Increment and authority) Is required to sign this document Organized by UCF section heredings SUPPORT OF THE NAT Oplemental Agreement cation: \$300,000.00 or this Award: (D) services to 9/30/2	THE CHANGE CTTHE ADE AUTHORITY O AUTHORITY O AUTHORITY ally Pu and return a including so IONAL S IONAL S nt for 0 (4) 2013 in	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang FFAR 43 103(b). YOP Inded Fixed Price Con copies to the last actualization contract subject method is to the last actualization for the last actual on the last of the last of the last actual on the last of the last of the last of the last actual on the last of the	IN THE CONTRA	a and to Extend contract
X IMPORTAN A DESCRIP LIGHT S RCTIC, eason S otal An ew Tota . This ervices . Add o suppo ontinue	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC approprision date, stc.) BETFORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of D. OTHER (Specify type of modification of SERVICES PROVIDED IN S FY 2013. for Modification : Sup nount for this Modific al Obligated Amount for modification extends s (48 CFR 52.217-8). Line Item 430, (b) (4) ort the NSF and the Ce ed	CREGUANT TO: (Specify authority) TRORDER IS MODIFIED TO REFIE IN ITEM 14. PURSUANT TO THE/ IS ENTERED INTO PURSUANT TO TIGES; C29 Increment and suffority) Is required to sign this document Organized by UCF section headings SUPPORT OF THE NAT Oplemental Agreement cation: \$300,000.00 or this Award: (D) services to 9/30/2 enter for Remote Section	THE CHANGE CTTHE ADA WITHORITY O AUTHORITY ally Fu ally Fu and reham A Anducing so IONAL S IONAL S IONAL S ant for 0 (4) 2013 in ensing	S SET FORTH IN ITEM 14 ARE MADE ( INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). YOP Inded Fixed Price Com 	IN THE CONTRA	a and to Extend contract cordance
X IMPORTAN LIMPORTAN LIGHT S RCTIC, eason S otal An ew Tota . This ervices . Add o suppo ontinue Except as pro-	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC approprision date, stc.) BETFORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of D. OTHER (Specify type of modification of SERVICES PROVIDED IN S FY 2013. for Modification : Sup nount for this Modific al Obligated Amount for modification extends s (48 CFR 52.217-8). Line Item 430, (b) (4)	CREGUANT TO: (Specify authority) TRORDER IS MODIFIED TO REFIE IN ITEM 14. PURSUANT TO THE/ IS ENTERED INTO PURSUANT TO TIGES; C29 Increment and suffority) Is required to sign this document Organized by UCF section headings SUPPORT OF THE NAT Oplemental Agreement cation: \$300,000.00 or this Award: (D) services to 9/30/2 enter for Remote Section	THE CHANGE CTTHE ADE WITHORITY O AUTHORITY ally Fu a makeding so IONAL S IONAL S nt for 0 (4) 2013 in ensing	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). YOP Inded Fixed Price Con copies to the lat Comparison of the set of the lat Comparison of the set of the lat CIENCE FOUNDATION, A Work within scope  accordance with C26, Df Ice Sheets (CReSI:	IN THE CONTRA ges in paying offic tract suing office. astible.) NTARCTICA , Option to the S) in acc in full force and a	a and to Extend contract contract
X LIMPORTAN A DESCRIP LIGHT S RCTIC, eason S otal Ar lew Tota A. This ervices A Add o suppo ontinue Except as pro	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) BET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of D. OTHER (Specify type of modification of SERVICES PROVIDED IN S FY 2013. for Modification : Sup nount for this Modific al Obligated Amount for al Obligated Amount for Modification extends as (48 CFR 52.217-8). Line Item 430, (b) (4) out the NSF and the Ce ed	URSUANT TO: (Specify authority) TRORDER IS MODIFIED TO REFIE IN TEM 14. PURSUANT TO THE/ IS ENTERED INTO PURSUANT TO TIGES; C29 Increment and authority) Is required to sign this document Organized by UCF section headings SUPPORT OF THE NAT Oplemental Agreement cation: \$300,000.00 or this Award: (D) Services to 9/30/2 enter for Remote Section item 9 A or Comment referenced in item 9 A or Comment referenced in item 9 A or	THE CHANGE CTTHE ADE WITHORITY O AUTHORITY ally Fu ally Fu and robum A makedbag so IONAL S IONAL S nt for 0 (4) 2013 in ensing	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as changed in the second second second second in the second second second second second in the second s	IN THE CONTRA ges in paying offic tract suing office. astible.) NTARCTICA , Option to the S) in acc in full force and a	a and to Extend contract contract
X ELIMPORTAN ARCTIC, Reason : New Tota ARCTIC, Reason : New Tota ARCTIC, Reason : Service: ARCTIC, Reason : Cotal Ar New Tota ARCTIC: Cotal Ar	A THIS CHANGE ORDER IS ISSUED P ORDER NO IN ITEM 10A B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL ACREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification to D. OTHER (Specify type of modification to TON OF AMENDMENTIMODIFICATION (C) SERVICES PROVIDED IN S FY 2013. for Modification : Sup nount for this Modific al Obligated Amount for modification extends is (48 CFR 52.217-8). Line Item 430, (b) (4) Ort the NSF and the Ce ed	CREGUANT TO: (Specify authority) TRORDER IS MODIFIED TO REFIE IN ITEM 14. PURSUANT TO THE/ IS ENTERED INTO PURSUANT TO TIGES; C29 Increment and suffority) Is required to sign this document Organized by UCF section headings SUPPORT OF THE NAT Oplemental Agreement cation: \$300,000.00 or this Award: (D) services to 9/30/2 enter for Remote Section	THE CHANGE CTTHE ADE WITHORITY O AUTHORITY ally Fu ally Fu and robum A makedbag so IONAL S IONAL S nt for 0 (4) 2013 in ensing	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as chang IF FAR 43 103(b). YOP Inded Fixed Price Con copies to the lat Comparison of the set of the lat Comparison of the set of the lat CIENCE FOUNDATION, A Work within scope  accordance with C26, Df Ice Sheets (CReSI:	IN THE CONTRA ges in paying offic tract suing office. astible.) NTARCTICA , Option to the S) in acc in full force and a	a and to Extend contract contract
X EINPORTAN 14. DESCRIP FLIGHT S ARCTIC, Reason S Total Ar New Tota A. This Services 3. Add to support Continue Except as pro-	A THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) BET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of D. OTHER (Specify type of modification of SERVICES PROVIDED IN S FY 2013. for Modification : Sup nount for this Modific al Obligated Amount for al Obligated Amount for Modification extends as (48 CFR 52.217-8). Line Item 430, (b) (4) out the NSF and the Ce ed	URGUANT TO: (Specify authority) TORDER IS MODIFIED TO REFIE IN MEM 14, PURSUANT TO THE / TS ENTERED INTO PURSUANT TO THE SET C29 Increment and authority) Is required to sign this document organized by UCF section headings SUPPORT OF THE NAT oplemental Agreement cation: \$300,000.00 or this Award: (b) services to 9/30/20 enter for Remote Section and the section of S. Marka	THE CHANGE CTTHE ADE WITHORITY O AUTHORITY ally Fu a including so IONAL S int for 0 (4) 2013 in ensing 10A, as here (10A, as here (10A, as here (10A, as here (10A, as here (10A, as here (10A, as here	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as change of FAR 43 103(b). YOP Inded Fixed Price Con copies to the law dotation contract subject matter where a CIENCE FOUNDATION, Ai work within scope  accordance with C26, of Ice Sheets (CReSI: toloro changed, remains unchanged and WHE AND TILE OF CONTRACTING OF Hedgen	IN THE CONTRA ges in paying offic tract suing office. astible.) NTARCTICA , Option to the S) in acc in full force and a	a and to Extend contract contract
X E.INPORTAN M. DESCRIP FLIGHT : ARCTIC, Ceason : Cotal Ar New Tota A. This Services A. This Services A. Add Co suppo Continue Except as pro-	A THIS CHANGE ORDER IS ISSUED P ORDER NO IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL ACREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of D. OTHER (Specify type of modification of SERVICES PROVIDED IN S FY 2013. for Modification : Sup nount for this Modific al Obligated Amount for modification extends s (48 CFR 52.217-8). Line Item 430, (b) (4) Ort the NSF and the Ce ed Wided herein, al terms and conditions of the ND TITLE OF SIGNER (Type or print) NO TITLE OF SIGNER (Type or print)	URGUANT TO: (Specify authority) TORDER IS MODIFIED TO REFIE IN MEM 14, PURSUANT TO THE / TS ENTERED INTO PURSUANT TO THE SET C29 Increment and authority) Is required to sign this document organized by UCF section headings SUPPORT OF THE NAT oplemental Agreement cation: \$300,000.00 or this Award: (b) services to 9/30/20 enter for Remote Section and the section of S. Marka	THE CHANGE CTTHE ADE WITHORITY O AUTHORITY ally Fu a including so IONAL S int for 0 (4) 2013 in ensing 10A, as here (10A, as here (10A, as here (10A, as here (10A, as here (10A, as here (10A, as here	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as changed in the second second second second in the second second second second second in the second s	IN THE CONTRA ges in paying offic tract suing office. astible.) NTARCTICA , Option to the S) in acc in full force and a	a and to Extend contract cordance
X EINPORTAN A DESCRIP TLIGHT S ARCTIC, Ceason S Notal Ar New Tota Services A This Services A Add co suppo continue Except as pro SA NAME A BR A	A THIS CHANGE ORDER IS ISSUED P ORDER NO IN ITEM 10A B. THE ABOVE NUMBERED CONTRAC approprision date, etc.) SET FORTH C. THIS SUPPLEMENTAL ACREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modeleculor of D. OTHER (Specify type of modeleculor of SERVICES PROVIDED IN S FY 2013. for Modification : Sup nount for this Modific al Obligated Amount for al Obligated Amount for modification extends as (48 CFR 52.217-8). Line Item 430, (D) (4) Ort the NSF and the Ce ed Wood herein, all terms and conditions of the ND TITLE OF SIGNER (Type or print) C. ROCKER ( CTORIOFIEROR	TORDER IS MODIFIED TO REFIE IN THEM 14, PURSUANT TO THE A IN THEM 14, PURSUANT TO THE A IS ENTERED INTO PURSUANT TO ges; C29 Increment and authority) Is required to sign this document Organized by UCF section heredings SUPPORT OF THE NAT. Organized by UCF section heredings SUPPORT OF THE NAT. Opplemental Agreement cation: \$300,000.00 or this Award: (D) services to 9/30/2 enter for Remote Section item 9 A or OKS. Market	THE CHANGE CTTHE ADE WITHORITY O AUTHORITY ally Fu a including so IONAL S int for 0 (4) 2013 in ensing 10A, as here (10A, as here (10A, as here (10A, as here (10A, as here (10A, as here (10A, as here	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as changed IF FAR 43 103(b). YOP Inded Fixed Price Com 	IN THE CONTRA ges in paying offic tract suing office. astible.) NTARCTICA , Option to the S) in acc in full force and a	a and to Extend contract cordance
X EINPORTAN A DESCRIP TLIGHT S ARCTIC, Ceason S Notal Ar New Tota Services A This Services A Add co suppo continue Except as pro SA NAME A BR A	A THIS CHANGE ORDER IS ISSUED P ORDER NO IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL ACREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification to D. OTHER (Specify type of modification to SERVICES PROVIDED IN S FY 2013. for Modification : Sup nount for this Modific al Obligated Amount for al Obligated Amount for modification extends is (48 CFR 52.217-8). Line Item 430, (b) (4) Ort the NSF and the Ce ed Wood haven, all terms and conditions of the ND TIFLE OF SIGNER (Type or print) C. ROCKER (Control of the ND TIFLE OF SIGNER (Type or print) C. ROCKER (C) CORVOCEROR	URGUANT TO: (Specify authority) TORDER IS MODIFIED TO REFIE IN MEM 14, PURSUANT TO THE / TS ENTERED INTO PURSUANT TO THE SET C29 Increment and authority) Is required to sign this document organized by UCF section headings SUPPORT OF THE NAT oplemental Agreement cation: \$300,000.00 or this Award: (b) services to 9/30/20 enter for Remote Section and the section of S. Marka	THE CHANGE CTTHE ADE WITHORITY O AUTHORITY ally Fu a including so IONAL S int for 0 (4) 2013 in ensing 10A, as here (10A, as here (10A, as here (10A, as here (10A, as here (10A, as here (10A, as here	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as change of FAR 43 103(b). YOP Inded Fixed Price Con copies to the law dotation contract subject matter where a CIENCE FOUNDATION, Ai work within scope  accordance with C26, of Ice Sheets (CReSI: toloro changed, remains unchanged and WHE AND TILE OF CONTRACTING OF Hedgen	IN THE CONTRA ges in paying offic tract suing office. astible.) NTARCTICF , Option to the S) in acc in full force and a FRCER (Type or) employment CER	a and to Extend contract contract cordance infect antiti 16C. DATE SIGNED B/13/200
X LIMPORTAM LIMPORTAM LIMPORTAM LIGHT : RCTIC, eason : otal Ar ew Tota . This ervices . Add o suppo ontinue Services . Add . A	A THIS CHANGE ORDER IS ISSUED P ORDER NO IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT FAR 52.212-4 (c) Chang D. OTHER (Specify type of modification of D. OTHER (Specify type of modification of THON OF AMENDMENTMODIFICATION (S SERVICES PROVIDED IN S FY 2013. for Modification : Sup mount for this Modific al Obligated Amount for modification extends s (48 CFR 52.217-8). Line Item 430, (b) (4 ort the NSF and the Ce ed Video Amendment (Type or print) V. CROCKER (TORNOF EROR WID TITLE OF SIGNER (Type or print) C. CORVORTEROR CTORNOF SIGNER (Type or print) C. CROCKER (CORVORTEROR C. CALL	URGUANT TO: (Specify authority) TORDER IS MODIFIED TO REFIE IN MEM 14, PURSUANT TO THE / TS ENTERED INTO PURSUANT TO THE SET C29 Increment and authority) Is required to sign this document organized by UCF section headings SUPPORT OF THE NAT oplemental Agreement cation: \$300,000.00 or this Award: (b) services to 9/30/20 enter for Remote Section and the section of S. Marka	THE CHANGE CTTHE ADE WITHORITY O AUTHORITY ally Fu a including so IONAL S int for 0 (4) 2013 in ensing 10A, as here (10A, as here (10A, as here (10A, as here (10A, as here (10A, as here (10A, as here	S SET FORTH IN ITEM 14 ARE MADE I INISTRATIVE CHANGES (such as changed IF FAR 43 103(b). YOP Inded Fixed Price Com 	IN THE CONTRA ges in paying offic tract suing office. astible.) NTARCTICF , Option to the S) in acc in full force and a FRCER (Type or) employment CER	a and to Extend contract contract cordance filect <i>B/13/20</i> RAM 30 (REV. 10-83)

CONTINUATION SHEET

PAGE OF 2

3

NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	with the attached Statement of Work, titled	1			
	Aircraft Modification, (b) (4)				
	(b) (4)				
		ł			
	Payment for the modification will be made on a	1			
	firm fixed price as detailed in the Statement of				
	Work (SOW), for Items 3.1, 3.2 and 3.3 and shall	l			
	not exceed the total stated in the SOW. Payment	•			
	for Item 4.0 will be for actual time expended and not to exceed the estimated cost.				
	not to exceed the estimated cost.				
	C. Funding for this modification in the amount of				
	\$300,000 from NSF IAA 1156664, PR 0040109203.				
i	D. Payment for items detailed in the SOW shall				
	be invoiced in IPP on the line item created by				
ĺ	this modification, Line Item 430. All items				
	identified in the SOW shall be submitted on an				
	AMD-23 and subsequently in AMS. Items 3.1, 3.2				
	and 3.3 shall be submitted in AMS as a special				
	charge (SC). Items 4 shall also be submitted in			1	
	AMS and clearly show hanger time, daily availability, flight time, fuel costs with			,	
	attached receipts.				
	accuenca recerpts.				
	E. The attached statement of work is hereby				
	incorporated into the contract and all terms and				
	conditions shall have the full force and effect				
	as the contract. In accordance with the statment				
- 1	of work, KBA will supply a complete data package				
	to include drawings, documents, engineering				
	designs, Transport Canada approval documents and				
	any other relevant items produced for this				
	modification.		1		
	Payment Terms:				
1	PP30				
	Delivery Location Code: 0008755407			ľ	
	DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200				
	Boise ID 83706 US				
	Account Assignment: K G/L Account: 6100.252L0	1			
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area:	1			
	DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center:				
	DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct				
	Assign Line: 01	- 1			
	FOB: Destination Period of Performance: 09/01/2012 to 09/30/2013				
	refrom of Ferrormance: 09/01/2012 to 09/30/2013				
	Continued				
				ļ	
		1			

CONTINUATION SHEET	REFERENCE NO. OF D	ENT BEING CONTINUED	PAGE	OF
CONTINUATION SHEET	D12PC00113/0011		3	3

.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY			AMOUNT
(,	Add Item 00430 as follows:	(C)	(D)	(E)	(F)
			Ĺ		
0430	(b) (4)				300,000
	Obligated Amount: \$300,000.00				300,000.
					1
	(b) (4) (b) (4)				
	(D) (4) to the contract to support the NSF and the Center for Remote Sensing	[			
	of Ice Sheets (CReSIS) in accordance with the attached Statement of Work, titled Aircraft				
	Modification, (b) (4)				
	(b) (4)				
	Payment for the modification will be made on a				
	firm fixed price as detailed in the Statement of Work (SOW), for Items 3.1, 3.2 and 3.3 and shall				
	not exceed the total stated in the SOW. Payment				
	for Item 4.0 will be for actual time expended and not to exceed the estimated cost.				
	the collimated cost.				
				83. 18	
				5	
				ĺ	



# STATEMENT OF WORK (SOW)

# Aircraft Modification Contract D12PC00113



# With

# Kenn Borek Air Ltd.

For

# Center for Remote Sensing of Ice Sheets (CReSIS) & National Science Foundation (NSF)





# 1.0 INTRODUCTION

This Statement of Work (SOW) is for the duplicate installation of the CReSIS supplied equipment on a (b) (4)



Kenn Borek Air Ltd. (KBAL) will supply engineering services, airworthiness approval, aircraft modification, and antenna mounts for the complete installation.

The aircraft modifications will be completed by KBAL at our facility in Calgary Alberta, Canada for the National Science Foundation (NSF).

Costs given in this Statement of Work (SOW) are estimated based on current known scope of work and information provided.

Should the scope of the installation change, pricing may need to be adjusted. Any change in pricing will be discussed with the customer prior to implementation.

KBAL will supply the customer with a data package sufficient to prove appropriate Transport Canada approvals have been obtained for all relevant aircraft modifications and equipment installed.

# 2.0 SCOPE

The installation and Certification will consist of the following items:



# 2.1 items Supplied by CreSIS

- (b) (4)
- Engineering support of the installation to aid in the Transport Canada certification process.
- Examples would be radiated frequencies, component descriptions, etcetera.

# 2.2 Items Supplied by Kenn Borek Air







### 2.3 Flight Testing & Certification

 Flight Testing scope will be a routine 1-3hr flight to confirm EMI characteristics and interactions between survey equipment and the aircraft nav/comm systems. No effects are anticipated but must be confirmed by a flight.

# 2.4 Schedule

- Aircraft modifications starting Mid August 2013.
- Airframe-Equipment integration starting September 15, 2013.
- Flight Testing to be accomplished late September 2013 following equipment integration.
- The schedule may be extended at the discretion and agreement of KBA, CReSIS, and the NSF. The absolute deadline will be determined primarily by the NSF contracted Antarctic start date and required maintenance on the subject aircraft.

# 3.0 AIRFRAME MODIFICATION & EQUIPMENT INSTALLATION COSTS

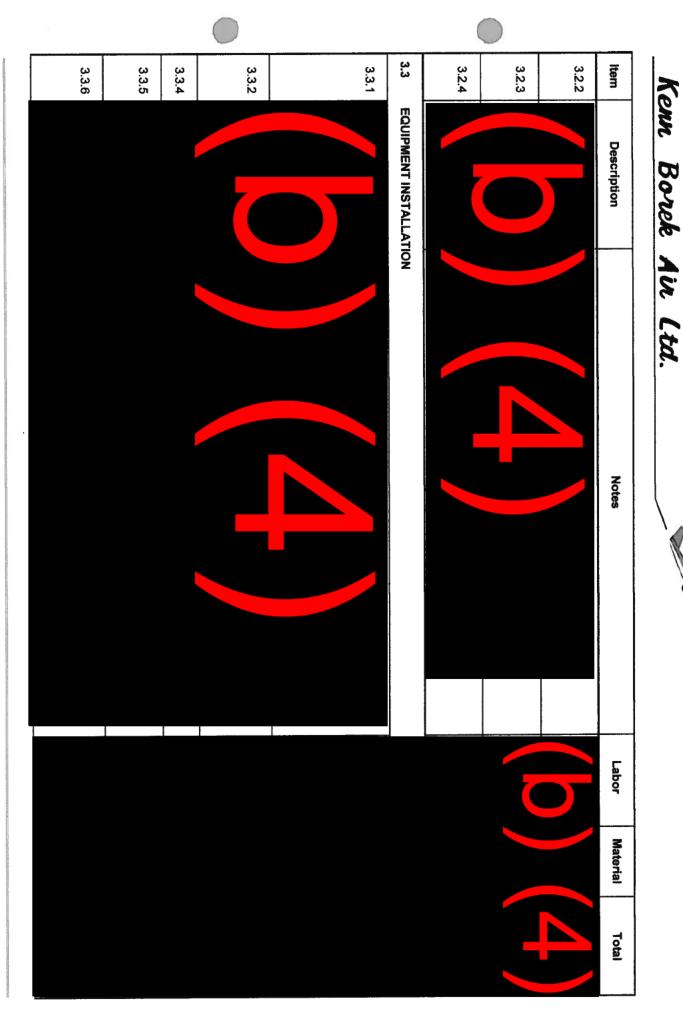
Kenn Borek Air Ltd.

		$\sim$					5			
3.2.1	3.2	3,1.5	3.1.4	3.1.3	3.1.2			3.1.1	3.1	Item
<b>(b)</b> (4)	<b>AIRFRAME MODIFICATION</b>			Project Coordination	Drafting/Design	egress, etcetera.	Overall Project: Including items such as EM characteristics, cabin	Transport Canada Certification	ENGINEERING	Description
	Ž			•	•	•	•	•		
<b>b</b> ) (4)				Liaison between KBA, customer, Transport Canada, Industry Canada (radar permits for flight testing), and other project related activities.	Installation drawing package for Transport Canada review and approval. Consists of generating drawings for cabin layout, cabin-mounted survey equipment, GPS Antenna(s), etcetera.	Scope includes all Certification Engineering associated with obtaining a Transport Canada approval.	(b) (4)	Services performed by(b) (4)		Notes
										Labor
										Material
										Total

July 4, 2013

July 4, 2013

Page 5 of 6



Kenn Borek Air Ltd.



3.3.7 Shop Supplies	ltem D
upplies	Description
<ul> <li>Basic shop supplies are Included in labor costs.</li> </ul>	Notes
(b) (4)	Labor
	Material
	Total

**Total Modification Cost:** 

# 4.0 AIRCRAFT COSTS (OPERATIONS)

		As per contract aircraft rate of (b) (4) (b) (4) + fuel, landing and Nav fees, crew accommodations (if applicable) and per diems. Fuel Burn (b) (4)	Ghost Lake, Alberta (Near Calgary, generally a location requirement for transmitting radar frequencies)	Flight Tests	4.3.2
		As per contract aircraft rate of (b) (4) and fuel used if engines started.	Calgary Hangar	Ground Tests	4.3.1
As per customer requirements				CALIBRATION AND/OR SURVEY TEST FLIGHTS	4.3
		Fuel Burn: (b) (4)			
		As per contract aircraft rate or <b>b</b> (4) ( <b>b</b> ) (4) + fuel, landing and Nav tees, crew accommodations(if applicable) and per diems.	Calgary Area	CERTIFICATION FLIGHT TESTS	4.2
		As per contract aircraft rate of (b) (4)	KBAL Hangar	MODIFICATION	4.1
Cost	Time	Notes	Location	Description	Item

OPS-13-05-SOW2 Issue 1



United States Department of the Interior Office of the Secretary



Mr. John Harmer, President Kenn Borek Air, Ltd. 290 McTavish Road, N.E. Calgary, Alberta Canada T2E 7G5

Subject: Contract D12PC00113, Modification 12, Fixed Wing Services in Support of the National Science Foundation, Antarctica

Dear Mr. Harmer:

In our letter dated July 31, we exercised our option pursuant to paragraph C25 Option to Extend the Term of the Contract for the second option, third contract year, September 1, 2013 through August 31, 2014 and stated that a modification would follow. A subsequent modification, Mod 11 issued on August 9, 2013 extended the current services to September 30, 2013. This letter transmits the executed modification to exercise the option for the period of October 1, 2013 to August 31, 2014.

In addition, this modification, Pursuant to paragraph C29 Incrementally Funded Fixed Price Contract, obligates \$1,037,928.62 funding for flight services through approximately November 23, 2013 and incorporates the revised contract prices pursuant to C31.2 Economic Price Adjustment.

If you have questions, please contact Mike Willis at the above address or 208-433-5019.

Sincerely,

Jedeen

John Hedeen Contracting Officer

AMENDME	ENT OF SOLICITATION/MODIFIC/	ATION OF CONTRACT		1. CONTRACT ID CODE	P	AGE OF	PAGES
2. AMENDME	ENT/MODIFICATION NO.	3. EFFECTIVE DATE	4	REQUISITION/PURCHASE REQ. NO.	15,000	1	2 (If applicable)
0012		09/16/2013		40116127	jo. PRO	JECT NO.	(паррисарю)
6. ISSUED B	Y CODE	D41	7.	ADMINISTERED BY (If other than Item 6)	CODE	D41	
Divisic 300 Eas Suite 2	ational Business Cente on 4/ Branch 1 st Mallard Drive 200 ID 83706		D( S) D: 3(	OI, National Business Cent uite 200 ivision 4/ Branch 1 00 East Mallard Drive pise ID 83706	ter,		
8. NAME AND	ADDRESS OF CONTRACTOR (No., street,	county, State and ZIP Code)		9A. AMENDMENT OF SOLICITATION NO.			
BOREK, H Attn: A 290 MCT/	KENN AIR LTD TTN GOVERNMENT POC AVISH RD NE AB T2E 7G5			9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO D12PC00113 10B. DATED (SEE ITEM 13)	0,		
CODE 00	071061255	FACILITY CODE		01/05/2012			
		11. THIS ITEM ONLY APPLIES TO A	MEN	IDMENTS OF SOLICITATIONS			
separate let THE PLACE virtue of this reference to	tter or telegram which includes a reference is E DESIGNATED FOR THE RECEIPT OF O s amendment you desire to change an offer the solicitation and this amendment, and is TING AND APPROPRIATION DATA (If require	to the solicitation and amendment numb FFERS PRIOR TO THE HOUR AND DA already submitted, such change may b s received prior to the opening hour and red) Net	ers. TE S e ma date In	ncrease: \$1	BE RECE UR OFFE r letter ma	EIVED AT R If by akes , 928.	62
	13. THIS ITEM ONLY APPLIES TO MC	DIFICATION OF CONTRACTS/ORDER	s. It	MODIFIES THE CONTRACT/ORDER NO. AS DES	CRIBED	IN ITEM 1	14.
CHECK ONE				NGES SET FORTH IN ITEM 14 ARE MADE IN TH			
	B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH	NORDER IS MODIFIED TO REFLECT TO IN ITEM 14, PURSUANT TO THE AUTH	iori	ADMINISTRATIVE CHANGES (such as changes in TY OF FAR 43.103(b).	i paying c	office,	
	C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT TO AU	THC	RITY OF			
	D. OTHER (Specify type of modification a						
<u> </u>	C25 Option to Extend, C29	Incrementally Funded Fix	ed	Price Contract, C31.2 Economic	Price	Adjust	tment
E. IMPORTANT	T: Contractor 🗵 is not	is required to sign this document and	retu	m Copies to the issuing	office.		
FIXED WI ANTARCTI The purp A. This	ING FLIGHT SERVICES PR ICA and ARCTIC, 2013-2 pose of this modificat	OVIDED IN SUPPORT OF 014. ion is as follows: es the option to ext	T	g soliditation/contract subject matter where feasible THE NATIONAL SCIENCE FOUND d the term of the contrac	ATIO		Year
the atta	ched schedule of item	s.		C31.2 Economic Price Adju of funding for Contract			See
Continue		wire out the		Lunaring for contract	rear	5, 0	PETON
Except as prov	ided herein, all terms and conditions of the	document referenced in Item 9 A or 10A	asl	heretofore changed, remains unchanged and in full	I force an	d effect.	
15A. NAME AN		ORDS	16/	A NAME AND TITLE OF CONTRACTING OFFICE			
15B. CONTRA	SIGNATURE & RETORICION	EQUIRED 15C. DATE SIGNED	-	Dunited STATES OF AMERICA Hedge	n	16C	DATE SIGNED
(4 NSN 7540-01-1	Signature of person authorized to sign)			(Signature of Contracting Officer)			1110013
Previous edition				Pres	NDARD I scribed by (48 CFR	y GSA	(REV. 10-83)

CONTINUATION SHEET REFERENCE NO. OF DOCUMENT BEING CONTINUED

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	2, 2013 to 2014 in accordance with C29				
	Incrementally Funded Fixed Price Contract.			1	
	Payment Terms:				
	PP30				
	Delivery Location Code: 0008755407				
	DOI Aviation Management - Acquisiti				
	300 E Mallard Dr, Ste 200				
	Boise ID 83706 US				
	Account Assignment: K G/L Account: 6100.252L0				
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area:				
	DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center:		1 1		
	DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct				
	Assign Line: 01				
	FOB: Destination				
	Period of Performance: 09/30/2013 to 08/31/2014				
	Add Item 00440 as follows:				
00440	NCE Beterret in (2) bit bit bit and				
0440	NSF-Antarctica/Arctic Fixed Wing Flight				1,037,928.
	Services-1st Funding Installment 2013-2014				
	Obligated Amount: \$1,037,928.62				
	The Contractor shall provide fixed wing flight				
	services for the National Science Foundation				
	(NSF) in support of the research activities of				
	the United States Antarctic Program (USAP) and NSF;s Arctic Program.				
	NSE25 AICCIC Program.				
	The contractor shall submit flight data (Daily				
	Availability, Flight Time, Unavailability, etc.)			(	
	on separate OAS-23's, Aircraft Use Reports, for				
	each aircraft. The flight data will be uploaded				
	to the Aviation Management System (AMS) by the				
	contractor no sooner than every 14 days. See the				
	attached pricing/funding schedule for the				
	corresponding aircraft type, registration number				
	and AMS pay item codes.			1	
			Í		
540-01-152-8	2067				

PAGE

2

OF

2

						(1) (1)	(U) (4)							(b) (4)							(P) (7)								(1) (4)				
	To be funded		(b) (4)													100 - 100 -																	
August <b>31</b> , 2014	3rd Installment Funding	D12PC00113/Mod 7	Line Item # ??																														
September 1, 2013 to August 31, 2014	Znd Installment Funding	D12PC00113/Mod 12 D12PC00113/Mod 7 D12PC00113/Mod 7	Line frem # ??						(b) (4)								(P) (4)																
	First Installment Contract Funding	D12PC00113/Mod 12	Line Item # 440						Line Item # 440									Line Item # 440						Line Item # 440									(b) (4)
ation (NSF) ograms Ltd. sort	nents Total							(b) (4)								(b) (4)							(b) (d)								(P) (Y)		
National Science Foundation (NSF) Antarctica/Arctic Programs Kenn Borek Air, Ltd. Fixed Wing Support Contract Year 3	FY14 Requirements Rate							Total All								Total All				e.			Total All								Total All	d ž	Total
Nat	AD			(p) (d		l																							l			Total With Total Witho	
Contract 12PC00113 ONFT 13N5F664	Item			Daily Availability Flight Time	Mobilization Demobilization	Unavailabilty	Daily Availability	Options Total		Contraction of the state	Uaily Availability Flight Time	Mobilization	Unavailability	Without Options Total Daily Availability	Options Total			Daily Availability	Flight Time	Demobilization	Without Options Total	Daily Avaitability Options Total			Daily Availability	Mobilization	Demobilization Inscritability	Crew Swap	Cargo Handler Without Ontions Total	Daily Availability	Options Total		
56664 DR. MC	Pay item			40 C	អ អ		AV							AV						594		AV					P62			AV (			
A Number AlL 11	Tall								(b) (4)	Unit	Hourty	Lump Sum	VileO	Daily			()	Daily	Hourly	Lump Sum	Aripo	Daily		(b) (4)	Daily	Lump Sum	Lump Sum Daily	Lump Sum	Daily	Vieg			
Ken Borek NSF-Fixed Wing-Antarctica FY 2014 First Installment: NSF-ADD Foed Wing Funding: IAA Number Alt 1156664 DR. NONFT 313NSF664	Description		(D) (4)	Start Date: 11/20/13			Option Item			Served Dudon 10(132/132	Start Late: 10/23/13			Option Item				(b) (4)	Start Date: 11/20/13			Option item			(L) (D) 400 400 400 400 400 400 400 400 400 40	celes los sion une				Option item			
ken Borek NSF-Fixed ' Trst Installment. NSF-	Contract	Schedule/Line #		A2.cb	A2.cd A2.ce		A2.cc		CUN A1/440	A1 co	Al.cb	A1.cd A1.ce	8	A1.cc			CIN A3/440	A3.ca	A3.cb A3.cd	A3.ce		A3.cc		CUN AA/440	A4.ca	A4.cd	A4.ce		A12,ac	A4.cc			
_ 4	AMS Line	Number	1						10								ç	2						20									-11

AMENINGENTALOUTING	DDIFICATION OF CONTRACT	CONTRACT ID CODE	PAGE OF PAGES				
AMENDMENTMODIFICATION NO	3 EFFECTIVE DATE	4 REQUISITION/PURCHASE REQ NO	1 3				
1013 ISSUED BY	09/23/2013	0040117447	5 PROJECT NO (# applicable				
	CODE D47	7 ADMINISTERED BY (If other than item 6)					
nterior Business Center	· AQD		CODE 041				
ivision 4/ Branch 1 00 East Mallard Drive		DOI, Interior Business (	encer, AQD				
uite 200		Division 4/ Branch 1 300 East Mallard Drive					
oise ID 83706		Suite 200					
		Boise ID 83706					
NAME AND ADDRESS OF CONTRACTOR IN	b street county State and Life Count						
REK, KENN AIR LTD		(N) SA AMENDMENT OF SOLICITATION NO.					
TA: ATTN GOVERNMENT POC	-						
O MCTAVISH RD NE	-	SB DATED (SEE ITEM 13)					
LGARY AB T2E 7G5							
		X IGA MODIFICATION OF CONTRACTORDE					
		DISPOOLIS	RND				
0071061255	FACILITY CODE	108 DATED ISEE ITEM 13					
	14 7014 10000	01/05/2012					
he above numbered solicitation is emended all Mars must acknowledge receipt of this amende	Set faith in from the	O AMENOMENTS OF SOLICITATIONS					
There must acknowledge receipt of this amend			lended is not entended				
ems 8 and 15, and returning	copies of the omendment (b) By acknow	me Soliciation or as amunded, by one of the todowing a Wadging receipt of this amendment on each copy of the mbers FAILURE OF YOUR ACKNOWS SO SO	mathads (a) By completing				
HE PLACE DESIGNATED FOR THE SECOND	alling to the solicitation and attendment ou	mbers fall upp of wown	oner submitted or (c) By				
the of this amendment you deare to change a	n offer abandy subvisited and	mbers FAILURE OF YOUR ACKNOWLEDGEMENT 1 DATE SPECIFIED MAY RESULT IN REJECTION OF 1 9 de made by leborem of letter pricedent actions of 1	OUR DEEER HAN				
ference to the solicitation and their amendment ACCOUNTING AND APPROPRIATION DATA	and is received prior to the opening hour a	DATE SPECIFIED MAY RESULT IN REJECTION OF 1 y do made by leborar or letter provided each telepton int date specified	n of letter makes				
A A A A A A A A A A A A A A A A A A A		T Tecrosoft					
13. THIS ITEM ONLY ADDI INC.			\$179,488.83				
A THIS CHANGE ORDER IS ISSU ORDER NO IN ITEM 10A B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FC	IED PURSUANT TO (Specify puttonly) () RACTIORDER IS MODIFIED TO REFLEC IRTH IN ITEN 14, PURSUANT TO THE AU	RS. IT MODIFIES THE CONTRACTIORDER HQ. AS D IE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE ADMINISTRATIVE CHANGES (such as changes HORTITY OF FAR 40 103(a).	THE CONTRACT				
A THE SOURCE NO IN THE MOA B. THE ABOVE NUMBERED CONT appropriation date, etc.) SETFC C. THIS SUPPLEMENTAL AGREEN C. 27 Unilateral Ext	IED PURSUANT TO (Specify Burtionty) () RACTIORDER IS MODIFIED TO REFLEC RITH IN ITEM 14, PURSUANT TO THE AU AENT IS ENTERED INTO PURSUANT TO ) EDS 1 OD . Of	IE CHANGES SET FORTH IN ITEM 14 ARE MADE IN T THE ADMINISTRATIVE CHANGES (such as changes THORITY OF FAR 40 103(b).	THE CONTRACT				
A. IMUS CHANGE ORDER IS ISSU ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL ACCEPTE	IED PURSUANT TO (Specify Burtionty) () RACTIORDER IS MODIFIED TO REFLEC RITH IN ITEM 14, PURSUANT TO THE AU AENT IS ENTERED INTO PURSUANT TO ) EDS 1 OD . Of	IE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE ADMINISTRATIVE CHANGES (such as changes	THE CONTRACT				
A THE SOURCE IN THE MOA B. THE ABOVE HUMBERED COM Appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN C. C. THIS SUPPLEMENTAL AGREEN C. C. THIS SUPPLEMENTAL AGREEN C. THIS SUP	HED PURSUANT TO (Specify Burthony) () RACTIONDER IS MODIFIED TO REFLEC RATH IN ITEM 14, PURSUANT TO THE AU AENY IS ENTERED INTO PURSUANT TO ) AENY IS ENTERED INTO PURSUANT TO ) ension of Exclusive Us non and eucromy)	IE CHANGES SET FORTH IN ITEM 14 ARE MADE IN IT THE ADMINISTRATIVE CHANGES (such as changes THORITY OF FAR 45 103(b). NUTHORITY OF THE PERIOD and FAR 52.212-4 (c	THE CONTRACT				
A THE ABOVE NUMBERED CON ADDER NO IN ITEM 10A B. THE ABOVE NUMBERED CON ADDROBADON date, etc.) SETFO C. THIS SUPPLEMENTAL AGREED C. THIS SUPPLEMENTAL AGREED	IED PURSUANT TO (Specky Burtonty) () RAC TORDER IS MODIFIED TO REFLEC DRTH IN ITEN 14, PURSUANT TO THE AU MENT IS ENTERED ENTO PURSUANT TO/ ENSION OF Exclusive Us ton and automny	THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN T THE ADMINISTRATIVE CHANGES (such as changes THORITY OF FAR 40 103(6) NUTHORITY OF SE PERIOD and FAR 52.212-4 (constrained and for the source of the	THE CONTRACT				
A THE ABOVE NUMBERED COM ORDER NO IN ITEM 10A B. THE ABOVE NUMBERED COM appropriation date, etc.) SETFO C. THIS SUPPLEMENTAL AGREEN C. THIS SUPPLEMENTAL AGR	HED PURSUANT TO (Speak) Buttonty) (I) RACTIONDER IS MODIFIED TO REFLEC BRTH IN ITEN 14, PURSUANT TO THE AU ANY IS ENTERED INTO PURSUANT TO/ ension of Exclusive Us tion and automay A is required to sign line document and DN (Organized by UCF section needings in PROV LDED The Support	THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN T THE ADMINISTRATIVE CHANGES (such as changes THORITY OF FAR 40 103(6) NUTHORITY OF SE PERIOD and FAR 52.212-4 (constrained and for the source of the	THE CONTRACT				
A THE ABOVE NUMBERED CONT ACTOR NO IN ITEM 10A B. THE ABOVE NUMBERED CONT Appropriation date, etc.) SETFO C. THIS SUPPLEMENTAL AGREEN C. THIS SUPPLEMENTAL AGREEN SCRIPTION OF AMENDAMENTAL AGREEN SCRIPTION OF AMENDAMENTAL SERVICES RCTICA AGR ARCTIC, 2013	HED PURSUANT TO (Specky burnonty) (I) RAC TORDER IS MODIFIED TO REFLEC BRTH IN ITEN 14, PURSUANT TO THE AU ANY IS ENTERED INTO PURSUANT TO Ension of Exclusive Us ton and automny) A is required to sign line document or DN (Organized by UCF section nesarings in PROVIDED IN SUPPORT C 1-2014.	THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN T THE ADMINISTRATIVE CHANGES (such as changes THORITY OF FAR 40 103(6) NUTHORITY OF SE PERIOD and FAR 52.212-4 (constrained and for the source of the	THE CONTRACT				
A THE ABOVE NUMBERED CON CROCK NO IN ITEM 10A. B THE ABOVE NUMBERED CON Appropriation date, etc.) SETFO C THIS SUPPLEMENTAL AGREEN C 27 Unilateral Ext D OTHER (Specify type of modifice CRITANT: Contractor is not SECRETION OF AMENDMENTAMODIFICATION CD WING FLIGHT SERVICES RCTICA and ARCTIC, 2013 purpose of this modific	HED PURSUANT TO (Specky burnonty) (I) RAC TORDER IS MODIFIED TO REFLEC RRTH IN ITEN 14, PURSUANT TO THE AU ANY IS ENTERED INTO PURSUANT TO ension of Exclusive Us ton and automny) A a required to sign line document of IN (Organized or VGF section needings in PROVIDED IN SUPPORT O )-2014.	THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN TTHE ADMINISTRATIVE CHANGES (such as changes THORITY OF FAR 40 103(c) NUTHORITY OF SE PERIOD and FAR 52.212-4 (c)	THE CONTRACT				
A THE ABOVE NUMBERED COM CROCEN NO IN ITEM 10A B. THE ABOVE NUMBERED COM appropriation date, etc.) SETFO C. THIS SUPPLEMENTAL AGREEN C. THIS SUPPLEMENTAL AGREEN SCRIPTION OF AMENDAMENTAL AGREEN SCRIPTION OF AMENDAMENTAL SUPPLEMENTAL SCRIPTION OF AMENDAMENTAL SUPPLEMENTAL SCRIPTION OF AMENDAMENTAL SUPPLEMENTAL SCRIPTION OF AMENDAMENTAL SUPPLEMENTAL SCRIPTION OF AMENDAMENTAL SUPPLEMENTAL SUPPLEM	HED PURSUANT TO (Speak) Buttonty) (I) REACTIONDER IS MODIFIED TO REFLEC RRTH IN ITEN 14, PURSUANT TO THE AU ANY IS ENTERED INTO PURSUANT TO/ ension of Exclusive Us tion and automny) A a required to sign line document at DN (Organized of UCF section needings in PROVIDED IN SUPPORT O )-2014. Sation is as follows:	RE CHANGES SET FORTH IN ITEM 14 ARE MADE IN T THE ADMINISTRATIVE CHANGES (such as changes THORITY OF FAR 40 103(b). NUTHORITY OF SE PERIOD and FAR 52.212-6 (c) In the result of the source of th	THE CONTRACT in poung office :) Changes goffice de) DATION,				
A THE ABOVE NUMBERED CON ADDER NO IN ITEM 10A B THE ABOVE NUMBERED CON ADDIVIDUAL OF A STATE C THIS SUPPLEMENTAL AGREEN C C C THIS SUPPLEMENTAL AGREEN C C C THIS SUPPLEMENTAL AGREEN C C C C C C C C C C C C C C C C C C C	HED PURSUANT TO (Spechy buttonty) (I) RAC TORDER IS MODIFIED TO REFLEC RRTH IN ITEN 14, PURSUANT TO THE AU ANY IS ENTERED INTO PURSUANT TO ension of Exclusive Us ton and eutronty) A is required to sign this document of NO (Organicad or UCF section mesoargs in PROVIDED IN SUPPORT O D=2014. Sation is as follows: d for the (b) (4)	THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN T THE ADMINISTRATIVE CHANGES (such as changes) THORITY OF FAR 40 103(b) NUTHORITY OF THE PERIOD and FAR 52.212-4 (c) In the	THE CONTRACT in pointg office :) Changes goffice de) DATION,				
A THE ABOVE NUMBERED CON ACTOR NO IN ITEM 10A B THE ABOVE NUMBERED CON Appropriation date, etc) SETFO C THIS SUPPLEMENTAL ACREEN C C THIS SUPPLEMENTAL ACREEN S C C THIS SUPPLEMENTAL ACREEN C C THIS SUPPLEMENTAL ACREEN S C C THIS SUPPLEMENTAL ACREEN C C THIS SUPPLEMENTAL ACREEN C C THIS SUPPLEMENTAL ACREEN C C THIS SUPPLEMENTAL ACREEN C C THIS SUPPLEMENTAL ACREEN S C C THIS SUPPLEMENTAL ACREEN S C C THIS SUPPLEMENTAL ACREENT S C C THIS SUPPLEMENTAL ACREENT S C C THIS SUPPLEMENTAL ACREENT S C C THIS S C	HED PURSUANT TO (Spechy buttonty) (I) RAC TORDER IS MODIFIED TO REFLEC RRTH IN ITEN 14, PURSUANT TO THE AU ANY IS ENTERED INTO PURSUANT TO ension of Exclusive Us ton and eutronty) A is required to sign this document of NO (Organicad or UCF section mesoargs in PROVIDED IN SUPPORT O D=2014. Sation is as follows: d for the (b) (4)	THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN T THE ADMINISTRATIVE CHANGES (such as changes) THORITY OF FAR 40 103(b) NUTHORITY OF THE PERIOD and FAR 52.212-4 (c) In the	THE CONTRACT in pointg office :) Changes goffice de) DATION,				
A THE ABOVE NUMBERED CONT ADDORNAL NUMBERED CONT ADDORNAL ADDORNAL ADDORNAL ADDORNAL ADDORNAL ADDORNAL C THIS SUPPLEMENTAL ADDREES C THIS SUPPLEMENTAL ADDRESS C THIS SUPPLEMENTAL ADDRE	HED PURSUANT TO (Spechy buttonty) (I) RAC TORDER IS MODIFIED TO REFLEC RRTH IN ITEN 14, PURSUANT TO THE AU ANY IS ENTERED INTO PURSUANT TO ension of Exclusive Us ton and eutronty) A is required to sign this document of NO (Organicad or UCF section mesoargs in PROVIDED IN SUPPORT O D=2014. Sation is as follows: d for the (b) (4)	THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN T THE ADMINISTRATIVE CHANGES (such as changes) THORITY OF FAR 40 103(b) NUTHORITY OF THE PERIOD and FAR 52.212-4 (c) In the	THE CONTRACT in pointg office :) Changes goffice de) DATION,				
A THIS CHARGE ORDER IS ISSU ORDER NO IN ITEM 10A B THE ABOVE NUMBERED CONT appropriation date, etc) SETFO C. THIS SUPPLEMENTAL AGREEN C. THIS SUPPLEMENTAL AGREEN SCREEN C. THIS SUPPLEMENTAL AGREEN SCREEN C. THIS SUPPLEMENTAL AGREEN SCREEN C. THIS SUPPLEMENTAL AGREEN SCREEN SCREEN C. THIS SUPPLEMENTAL AGREEN SCREEN S	HED PURSUANT TO (Spechy Buttonty) (A RAC TOORDER IS MODIFIED TO REFLEC RITH IN ITEN 14, PURSUANT TO THE AU AENT IS ENTERED ENTO PURSUANT TO J ENSION OF EXClusive Us toon and autonity A is required to sign Disk documents of PROVIDED TN SUPPORT OF 2-2014. Cation is as follows: d for the (b) (4) De start date is change 1 Cays of Availabilit	RE CHANGES SET FORTH IN ITEM 14 ARE MADE IN T THE ADMINISTRATIVE CHANCIES (such as changes THORITY OF FAR 40 103(b). WITHORITY OF THE PERIOD and FAR 52.212-4 (c) In the main state of the source	THE CONTRACT in pointg office :) Changes goffice de) DATION,				
A THE ABOVE NUMBERED CONT ADDORNAL NUMBERED CONT ADDORNAL ADDORNAL ADDORNAL ADDORNAL ADDORNAL ADDORNAL C THIS SUPPLEMENTAL ADDREES C THIS SUPPLEMENTAL ADDRE	HED PURSUANT TO (Spechy summary) (A RAC TOORDER IS MODIFIED TO REFLEC RATH IN TEN 14, PURSUANT TO THE AU ANY IS ENTERED INTO PURSUANT TO J ENSION OF Exclusive Us too and automay A is required to sign this document of DN (Organized or UCF section neberings in PROVIDED IN SUPPORT O 0-2014. Cation is as follows: d for the (b) (4) He start date is change 1 Cays of Availability	THE ADAMMESTRATIVE CHANCIES (such as changes THEADAMMESTRATIVE CHANCIES (such as changes THORITY OF FAR 40 103(b). WITHORITY OF THE PERIOD and FAR 52.212-4 (c) In a successor of the source of the source of the the successor of the source of the source of the the NATIONAL SCIENCE FOUND F THE NATIONAL SCIENCE FOUND F THE NATIONAL SCIENCE FOUND F THE NATIONAL SCIENCE FOUND	THE CONTRACT In pound affice ) Changes goffice de; DATION, is extended October 1, will be				
A THIS CHARGE ORDER IS ISSU ORDER NO IN ITEM 10A B THE ABOVE NUMBERED CONT Appropriation date, etc) SETFO C THIS SUPPLEMENTAL AGREEN C 27 Unilateral Ext D OTHER (Specty type of modifica- ISCRIPTION OF AMENDMENTAMODIFICATION D WING FLIGHT SERVICES RCTICA and ARCTIC, 2013 purpose of this modific The exclusive use period a total of 20 days. Th , CLIN Al.cc, Additional In additional (D) (4) ided by the Contractor	HED PURSUANT TO (Spechy Buttonty) (I) RAC TOORDER IS MODIFIED TO REFLEC RITH IN TEN 14, PURSUANT TO THE AU ANY IS ENTERED ENTO PURSUANT TO J ension of Exclusive Us toon and autonity A is required to sign this document of DN (Organized or UCF sciences nearings in PROVIDED IN SUPPORT O 0-2014. Cation is as follows: d for the (b) (4) the start date is change 1 Cays of Availabilitie CL and shall deploy with	THE ADMINISTRATIVE CHANCIES (such as changes THE ADMINISTRATIVE CHANCIES (such as changes THORITY OF FAR 40 103(b). WITHORITY OF THE PERIOD and FAR 52.212-4 (c Induction calles to the sturk counting subcration/contract subject metter where Aesso F THE NATIONAL SCIENCE FOUND F THE NATIONAL SCIENCE FOUND F THE NATIONAL SCIENCE FOUND F THE NATIONAL SCIENCE FOUND (b) (4) The start of	THE CONTRACT in pointg office :) Changes goffice de) DATION, is extended October 1, will be date will be				
A THIS CHARGE ORDER IS ISSU ORDER NO IN ITEM 10A B THE ABOVE NUMBERED CONT Appropriation date, etc) SETFO C THIS SUPPLEMENTAL AGREEN C 27 Unilateral Ext D OTHER (Specty type of modifica- ISCRIPTION OF AMENDMENTAMODIFICATION D WING FLIGHT SERVICES RCTICA and ARCTIC, 2013 purpose of this modific The exclusive use period a total of 20 days. Th , CLIN Al.cc, Additional In additional (D) (4) ided by the Contractor	HED PURSUANT TO (Spechy Buttonty) (I) RAC TOORDER IS MODIFIED TO REFLEC RITH IN TEN 14, PURSUANT TO THE AU ANY IS ENTERED ENTO PURSUANT TO J ension of Exclusive Us toon and autonity A is required to sign this document of DN (Organized or UCF sciences nearings in PROVIDED IN SUPPORT O 0-2014. Cation is as follows: d for the (b) (4) the start date is change 1 Cays of Availabilitie CL and shall deploy with	THE ADMINISTRATIVE CHANCIES (such as changes THE ADMINISTRATIVE CHANCIES (such as changes THORITY OF FAR 40 103(b). WITHORITY OF THE PERIOD and FAR 52.212-4 (c Induction calles to the source codies	THE CONTRACT in pointg office :) Changes goffice de) DATION, is extended October 1, will be date will be				
A THE ABOVE NUMBERED CONT ADDOR NO IN ITEM 10A B THE ABOVE NUMBERED CONT ADDORDAND AND ALL ADDOR C THIS SUPPLEMENTAL AGREEN C THIS SUPPLEMENTAL AGREENT C THIS SUPPLEMENTAL C THIS SUPPLEMENTAL AGREENT C THIS SUPPLEMENTAL C THIS	HED PURSUANT TO (Speak) suitonly) (A RAC TOORDER IS MODIFIED TO REFLEC RITH IN TEN 14, PURSUANT TO THE AU AENT IS ENTERED ENTO PURSUANT TO J ension of Exclusive Us non and autonity) A is required to sign this document of DN (Organical av UCF section nearings in PROVIDED IN SUPPORT O 0-2014. Cation is as follows: d for the (b) (4) the start date is changed and shall deploy with ough October 11, 2013, greed to by both the O	THE ADAMMUSTRATIVE CHANCIES (such as changes THE ADAMMUSTRATIVE CHANCIES (such as changes THORITY OF FAR 40 103(b). WITHORITY OF SE PERIOD and FAR 52.212-4 (c adretum	THE CONTRACT in pointg affice :) Changes goffice He) DATION, is extended October 1, Will be Date will be This aircraft r.				
A THE ABOVE NUMBERED CONT ACTOR NO IN ITEM 10A. B THE ABOVE NUMBERED CONT appropriation date, ec:) SETFO C THIS SUPPLEMENTAL AGREEN C THIS SUPPLEMENTAL AGREENT C THIS SUPPLEMEN	HED PURSUANT TO (Speak) suitonly) (A RAC TOORDER IS MODIFIED TO REFLEC RITH IN TEN 14, PURSUANT TO THE AU AENT IS ENTERED ENTO PURSUANT TO J ension of Exclusive Us non and autonity) A is required to sign this document of DN (Organical av UCF section nearings in PROVIDED IN SUPPORT O 0-2014. Cation is as follows: d for the (b) (4) the start date is changed and shall deploy with ough October 11, 2013, greed to by both the O	THE ADAMMUSTRATIVE CHANCIES (such as changes THE ADAMMUSTRATIVE CHANCIES (such as changes THORITY OF FAR 40 103(b). WITHORITY OF SE PERIOD and FAR 52.212-4 (c adretum	THE CONTRACT in pointg affice :) Changes goffice He) DATION, is extended October 1, Will be Date will be This aircraft r.				
A THE ABOVE NUMBERED CONT ACTOR NO IN ITEM 10A. B THE ABOVE NUMBERED CONT appropriation date, ec:) SETFO C THIS SUPPLEMENTAL AGREEN C THIS SUPPLEMENTAL AGREENT C THIS SUPPLEMEN	HED PURSUANT TO (Speak) summary) (A RAC TORDER IS MODIFIED TO REFLEC RATH IN TEN 14, PURSUANT TO THE AU ANY IS ENTERED INTO PURSUANT TO ension of Exclusive Us ton and automny A is required to sign this document of PROVIDED IN SUPPORT O 0-2014. Cation is as follows: d for the (b) (4) He start date is change 1 Cays of Availability CL and shall deploy with ough October 11, 2013, greed to by both the follows:	THE ADAMMESTRATIVE CHANGES (such as changes THEADAMMESTRATIVE CHANGES (such as changes THORITY OF FAR 40 103(b). WITHORITY OF THE PERIOD and FAR 52.212-4 (c dream	THE CONTRACT in poung office ) Changes goffice de) DATION, is extended October 1, will be Nate will be This aircraft r.				
A THE ABOVE NUMBERED CONT ACTOR NO IN ITEM 10A. B THE ABOVE NUMBERED CONT appropriation date, ec:) SETFO C THIS SUPPLEMENTAL AGREEN C THIS SUPPLEMENTAL AGREENT C THIS SUPPLEMEN	HED PURSUANT TO (Speak) summary) (A RAC TORDER IS MODIFIED TO REFLEC RATH IN TEN 14, PURSUANT TO THE AU ANY IS ENTERED INTO PURSUANT TO ension of Exclusive Us ton and automny A is required to sign this document of PROVIDED IN SUPPORT O 0-2014. Cation is as follows: d for the (b) (4) He start date is change 1 Cays of Availability CL and shall deploy with ough October 11, 2013, greed to by both the follows:	RE CHANGES SET FORTH IN ITEM 14 ARE MADE IN T THE ADMINISTRATIVE CHANGES (such as changes THORITY OF FAR 40 103(b). WITHORITY OF SE PERIOD and FAR 52.212-6 (c) direturn copies to DR - south coding sourcenonhonizer subject indeter where lesson F THE NATIONAL SCIENCE FOUND RE FOR Detober 23, 2013 to y IM A5.cd On Call (D) (4) The start of 11 days of Availability. Sovernment and the Contractor as heretofore changed remains unchanged and in the TAMAE AND TITLE OF CONTRACTING OFFICE	THE CONTRACT in poung office ) Changes goffice de) DATION, is extended October 1, will be Nate will be This aircraft r.				
A THE ABOVE NUMBER OF ORDER IS ISSUE ORDER NO IN ITEM 10A. B. THE ABOVE NUMBER OF COMMAND DEPENDENTIAL AGREEN C. THIS SUPPLEMENTAL AGREEN STORED AGREENT AGREENT C. THIS SUPPLEMENTAL AGREENT STORE C. THIS SUPPLEMENTAL AGREENT C. THIS SUPPLEMENTAL AGREENT STORE C. THIS SUPPLEMENTAL AGREENT CORTANT: Contractor us no STORE C. THIS SUPPLEMENTAL C. THIS SUPPLEMENTAL AGREENT STORE C. THIS SUPPLEMENTAL C. THIS SUPPLEMENTAL CORTANT: Contractor us no STORE C. THIS SUPPLEMENTAL CORTANT: CONTRACT US TO THE CONTRACTOR THE AGAL TO THE OF SIGNER (Type or pant)	HED PURSUANT TO (Speak) suitonty) (A REACTORDER IS MODIFIED TO REFLEC RRTH IN ITEN 14, PURSUANT TO THE AU ANY IS ENTERED ENTO PURSUANT TO/ ension of Exclusive Us hon and automay A a required to sign this document at the originated of UCF sector newards in PROVIDED IN SUPPORT O -2014. Sation is as follows: d for the (b) (4) the start date is changed and shall deploy with ough October 11, 2013, greed to by both the o the document inferenced in them 9 A or 10A	THE ADAMMESTRATIVE CHANGES (such as changes THEADAMMESTRATIVE CHANGES (such as changes THORITY OF FAR 40 103(b). WITHORITY OF THE PERIOD and FAR 52.212-4 (c dream	THE CONTRACT in poung office ) Changes goffice de) DATION, is extended October 1, will be Nate will be This aircraft r.				
A THE ABOVE NUMBER OF ORDER IS ISSUE ORDER NO IN ITEM 10A. B. THE ABOVE NUMBER OF COMMAND DEPENDENTIAL AGREEN C. THIS SUPPLEMENTAL AGREEN STORED AGREENT AGREENT C. THIS SUPPLEMENTAL AGREENT STORE C. THIS SUPPLEMENTAL AGREENT C. THIS SUPPLEMENTAL AGREENT STORE C. THIS SUPPLEMENTAL AGREENT CORTANT: Contractor us no STORE C. THIS SUPPLEMENTAL C. THIS SUPPLEMENTAL AGREENT STORE C. THIS SUPPLEMENTAL C. THIS SUPPLEMENTAL CORTANT: Contractor us no STORE C. THIS SUPPLEMENTAL CORTANT: CONTRACT US TO THE CONTRACTOR THE AGAL TO THE OF SIGNER (Type or pant)	HED PURSUANT TO (Speak) summary) (A RAC TORDER IS MODIFIED TO REFLEC RATH IN TEN 14, PURSUANT TO THE AU ANY IS ENTERED INTO PURSUANT TO ension of Exclusive Us ton and automny A is required to sign this document of PROVIDED IN SUPPORT O 0-2014. Cation is as follows: d for the (b) (4) He start date is change 1 Cays of Availability CL and shall deploy with ough October 11, 2013, greed to by both the follows:	RE CHANGES SET FORTH IN ITEM 14 ARE MADE IN T THE ADMINISTRATIVE CHANGES (such as changes THORITY OF FAR 40 103(b). WITHORITY OF SE PERIOD and FAR 52.212-6 (c) direturn copies to DR - south coding sourcenonhonizer subject indeter where lesson F THE NATIONAL SCIENCE FOUND RE FOR Detober 23, 2013 to y IM A5.cd On Call (D) (4) The start of 11 days of Availability. Sovernment and the Contractor as heretofore changed remains unchanged and in the TAMAE AND TITLE OF CONTRACTING OFFICE	THE CONTRACT in pointg addies :) Changes godfice He) DATION, is extended October 1, will be Date will be This aircraft r. Knoo and effect R(T) po or prid)				
A THE ABOVE NUMBERED CONT ORDER NO IN ITEM 10A. B THE ABOVE NUMBERED CONT appropriation date, etc) SETFO C THIS SUPPLEMENTAL AGREEN C THIS SUPPLEMENTAL AGREEN SCRIPTION OF AMENDMENTAMODIFICATION CD WING FLIGHT SERVICES INCOMPOSE of this modific The exclusive use period a total of 20 days. The C CLIN AL.CC, Additional In additional D (1) (4) ided by the CONTRACTOR De released sooner as additional In used a provided heres, all terms and conditions of ME AND THLE OF SIGNER (Type of pane) THACTOROFFEROR	HED PURSUANT TO (Speak) suitonty) (A REACTORDER IS MODIFIED TO REFLEC RRTH IN ITEN 14, PURSUANT TO THE AU ANY IS ENTERED ENTO PURSUANT TO/ ension of Exclusive Us hon and automay A a required to sign this document at the originated of UCF sector newards in PROVIDED IN SUPPORT O -2014. Sation is as follows: d for the (b) (4) the start date is changed and shall deploy with ough October 11, 2013, greed to by both the o the document inferenced in them 9 A or 10A	THE ADAMMESTRATINE CHANGES (Such as changes THORITY OF FAR 40 TO(10). AUTHORITY OF THE PERIOD and FAR 52.212-4 (c) d return copies to De -sturn codies to De -sturn	THE CONTRACT in poung affice ) Changes goffice de) DATION, is extended October 1, will be Nate will be This aircraft r.				
A THE ABOVE NO IN ITEM 10A B THE ABOVE NUMBERED CONT appropriation date, etc) SETFO C THIS SUPPLEMENTAL AGREEN C THIS SUPPLEMENTAL AGREENT C THIS SUPPLEMENTAL C THIS SUPPLEMENT	HED PURSUANT TO (Speak) suitonty) (A REACTORDER IS MODIFIED TO REFLEC RRTH IN ITEN 14, PURSUANT TO THE AU ANY IS ENTERED ENTO PURSUANT TO/ ension of Exclusive Us hon and automay A a required to sign this document at the originated of UCF sector newards in PROVIDED IN SUPPORT O -2014. Sation is as follows: d for the (b) (4) the start date is changed and shall deploy with ough October 11, 2013, greed to by both the o the document inferenced in them 9 A or 10A	THE ADAMMESTRATINE CHANGES (Such as changes THORITY OF FAR 40 TO(10). AUTHORITY OF THE PERIOD and FAR 52.212-4 (c) d return copies to De -sturn codies to De -sturn	THE CONTRACT in pointg addies :) Changes godfice He) DATION, is extended October 1, will be Date will be This aircraft r. Knoo and effect R(T) po or prid)				
A THE ABOVE NUMBER OF ON THEM TOA. B. THE ABOVE NUMBER OF COMPARISON OF THE ABOVE NUMBER OF COMPARISON OF AN ENDINER (SPECIAL CONTRACT) IS TO THE SUPPLEMENTAL AGREER C. THIS SUPPLEMENTAL AGREER STORAGE OF A AGREER SUPPLEMENTAL AGREER SUP	HED PURSUANT TO (Speak) suitonty) (A REACTORDER IS MODIFIED TO REFLEC RRTH IN ITEN 14, PURSUANT TO THE AU ANY IS ENTERED ENTO PURSUANT TO/ ension of Exclusive Us hon and automay A a required to sign this document at the originated of UCF sector newards in PROVIDED IN SUPPORT O -2014. Sation is as follows: d for the (b) (4) the start date is changed and shall deploy with ough October 11, 2013, greed to by both the o the document inferenced in them 9 A or 10A	THE ADAMMESTRATIVE CHANGES (Such as changes THE ADAMMESTRATIVE CHANGES (Such as changes THORITY OF FAR 40 103(6). WITHORITY OF THE PERIOD and FAR 52.212-4 (co dream	THE CONTRACT in pointg addies :) Changes godfice He) DATION, is extended October 1, will be Date will be This aircraft r. Knoo and effect R(T) po or prid)				

	UATION SHEET REFERENCE NO. OF VENT BEING CONTINUED D12PC00113/0013				PAGE OF 2 3			
	KENN AIR LTD							
ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT			
(A)	(B)	(C)	(D)	(E)	(F)			
	The On-Call aircraft (b) (4) will perform mainly as a SAR back-up aircraft to (b) (4) and possibly utilized in cargo only missions, such as fuel cache setup and reconnaissance. Due to the nature and short duration of this mission, this modification provides a one-time deviation from the following technical specifications for the on call aircraft (b) (4) only: B4.2 Equipment Requirements B4.2.14 (b) (4)				2			
	(D) (4) B5.3 Navigational Systems							
	B5.3.1 (b) (4)							
	(b) (4)	20						
	Pricing/Funding							
	See the attached pricing schedule for line item details. All flight time and crew swap costs are estimates and will be paid upon actual service provided and transportation receipts for crew swap, not to exceed the estimated totals.							
	Amount for this Modification: \$179,488.83 Payment Terms: Continued							

CONTINUATION SUFET	REFERENCE NO. OF		VENT BEING CONTINUED	1	5
CONTINUATION SHEET	D12PC00113/0	013	1		7
distance of the local					

TEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	PP30	l			
	Delivery Location Code: 0008755407				
	DOI Aviation Management - Acquisiti				
	300 E Mallard Dr, Ste 200				
	Boise ID 83706 US				,
	Account Assignment: K G/L Account: 6100.252L0				
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area:				
	DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center:				
	DS68694300 Project/WBS: DR.NONFT.13NSF102 PR Acct				
	Assign Line: 01				
	FOB: Destination				
	Period of Performance: 09/25/2013 to 08/31/2014				
	Add Item 00450 as follows:				
0450	KBA-FIXED WING FLIGHT SVS TRANSPORT PERSONNEL				179,488.
	Obligated Amount: \$179,488.83				
	The contractor shall provide fixed wing flight				
	services in support of the NSF-Antarctica to				
	transport personnel from the South Pole to		- 1		
	McMurdo Station. The services include (b) (4)				
	b) (4) The aircraft will				
•	depart Calgary on or about September 27, 2013 and				
	arrive McMurdo Station Antarctica on or about				
	October 5, 2013. The aircraft will fly to the				
	South Pole on October 6 and extract required				
	passengers and return to McMurdo Station. See the				
	attached Pricing/Funding Schedule for details.				
Į					
Í					
			1		
Ì					2
			<ul> <li>1</li> </ul>		
				=	
		1			
		a			

PAGE

3

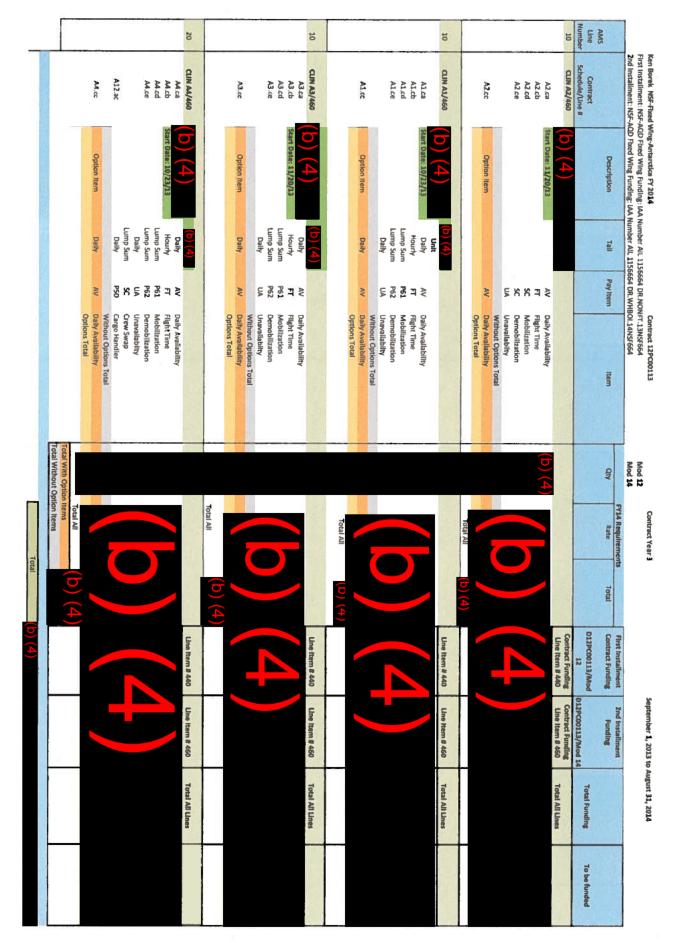
OF

	- d		
AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
0014	11/13/2013	0040119713	
6. ISSUED BY CODE	D41	7. ADMINISTERED BY (If other than Item 6)	CODE D41
Interior Business Center, AQ Division 4/ Branch 1 300 East Mallard Drive	2D	DOI, Interior Business Ce Division 4/ Branch 1 300 East Mallard Drive	nter, AQD
Suite 200		Suite 200	
Boise ID 83706		Boise ID 83706	
8. NAME AND ADDRESS OF CONTRACTOR (No., street	, county, State and ZIP Code)	(X) 9A. AMENDMENT OF SOLICITATION NO.	· · · · · · · · · · · · · · · · · · ·
BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC		9B. DATED (SEE ITEM 11)	
290 MCTAVISH RD NE			
CALGARY AB T2E 7G5		X 10A. MODIFICATION OF CONTRACT/ORDER D12PC00113	NO.
		10B. DATED (SEE ITEM 13)	
CODE 0071061255	FACILITY CODE	01/05/2012	
	11. THIS ITEM ONLY APPLIES TO	AMENDMENTS OF SOLICITATIONS	
reference to the solicitation and this amendment, and 12. ACCOUNTING AND APPROPRIATION DATA (If req 01 13. THIS ITEM ONLY APPLIES TO M	wired) Net		\$2, 676, 561.21 DESCRIBED IN ITEM 14.
		E CHANGES SET FORTH IN ITEM 14 ARE MADE IN	
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH	TIORDER IS MODIFIED TO REFLECT	THE ADMINISTRATIVE CHANGES (such as change THORITY OF FAR 43.103(b).	is in paying office,
C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PURSUANT TO A	UTHORITY OF	· · · · · · · · · · · · · · · · · · ·
D. OTHER (Specify type of modification	and authority)		
X C29 Incrementally Fu	nded Fixed Price Con	ntra <b>ct</b>	
E. IMPORTANT: Contractor X is not.	is required to sign this document an		· · · · · · · · · · · · · · · · · · ·
14 DESCRIPTION OF AMENDMENT/MODIFICATION FIXED WING FLIGHT SERVICES P ANTARCTICA and ARCTIC, 2013-	ROVIDED IN SUPPORT C		
The purpose of this modifica		d installment of funding f	or Contract Year
3, Option 2 in accordance wi	-	_	
Amount for this Modification is (b) (4)		-	
Payment Terms: PP30			
Delivery Location Code: 0009	836858		
ACQ Aviation			
300 East Mallard Drive			
Continued			
Except as provided herein, all terms and conditions of th 15A. NAME AND TITLE OF SIGNER (Type or print)	e document referenced in Item 9 A or 10	DA, as heretofore changed, remains unchanged and a 16A. NAME AND TITLE OF CONTRACTING OFI	
		John Hedeer	is a company of printy
15B. CONTRACTOR OF PERCENTION UR RECO	PDS 15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	n 16C. DATE SIGNED
(Signature of person authorized to sign) NSN 7540-01-152-8070		(Signature of Contracting Officer)	STANDARD FORM 30 (REV. 10-83)
Previous edition unusable			Prescribed by GSA FAR (48 CFR) 53.243

PAGE OF 2 2

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Boise ID 83706 US				
	Account Assignment: K G/L Account: 6100.252L0				
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area:				
	DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center:	J			
	DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct	1			
	Assign Line: 01				
	FOB: Destination				
	Period of Performance: 09/25/2013 to 08/31/2014				
	101100 01 ferformance. 03/25/2015 to 08/51/2014				
	Add Item 00460 as follows:				
00460	NSF-Fixed Wing Flt Services-2nd Funding			(A	
	Installment 2013-2014				2,676,561.2
	Obligated Amount: \$2,676,561.21				
				±	
	The Contractor shall provide fixed wing flight				
	services for the National Science Foundation				
	(NSF) in support of the research activities of			1	
	the United States Antarctic Program (USAP) and			1	
	NSF's Arctic Program.				
	The contractor shall submit flight data (Daily				
	Availability, Flight Time, Unavailability, etc.)				
	on separate OAS-23's, Aircraft Use Reports, for				
	each aircraft. The flight data will be uploaded			1	
	to the Aviation Management System (AMS) by the				
	contractor no sooner than every 14 days. See the		_ I	1	
	attached pricing/funding schedule for the				
	corresponding aircraft type, registration number and AMS pay item codes.				
	and And pay frem codes.				
	Line item 460 funding shall not be used until				
	line item 440 funding has \$0.00 remaining.				
	2			8	3
		Í			
		1			
7540-01-152-8					



MENDMENT OF SOLICITATION/MOD	FICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE	OF PAGES
AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PROJECT	NO (If applicable)
015	04/01/2014	0040	141737		
SSUED BY C	ODE D41	7. AD	AINISTERED BY (If other than Item 8)	CODE D4	1
nterior Business Center, vision 4/ Branch 1 00 East Mallard Drive hite 200 bise ID 83706	AQD	Div: 300 Suit	, Interior Business ( ision 4/ Branch 1 East Mallard Drive te 200 se ID 83706	Center, AQI	)
AME AND ADDRESS OF CONTRACTOR (No.	, street, county, State and ZiP Code)	(x) 9A	AMENDMENT OF SOLICITATION NO		
REK, KENN AIR LTD tn: ATTN GOVERNMENT POC 0 MCTAVISH RD NE LGARY AB T2E 7G5		98 x 10/ D	DATED (SEE ITEM 11) A MODIFICATION OF CONTRACT/ORD 2 PC00113	DER NO.	
05	FACILITY CODE		B. DATED (SEE ITEM 13)		
DE 0071061255	11. THIS ITEM ONLY APPLIES		1/05/2012		
expense letter or telegram which includes a ref THE PLACE DESIGNATED FOR THE RECEIP write of this amendment you desire to change reference to the acticitation and this amendment ACCOUNTING AND APPROPRIATION DATA are Schedule	T OF OFFERS PRIOR TO THE HOUR AI an offer stready submitted , such change in the and is received prior to the opening hou	ND DATE SPE may be made	CIFIED MAY RESULT IN REJECTION C by telegram or letter, provided each teleg ecified.	OF YOUR OFFER If	by
	TO MODIFICATION OF CONTRACTS/OF	RDERS. IT M	DIFIES THE CONTRACT/ORDER NO. /	AS DESCRIBED IN IT	宦師 14.
ORDER NO. IN ITEM 10A.	UED PURSUANT TO: (Specify authority) NTRACT/ORDER IS MODIFIED TO REFL FORTH IN ITEM 14, PURSUANT TO THE	LECT THE AD	MINISTRATIVE CHANGES (such as cha		
	EMENT IS ENTERED INTO PURSUANT	TO AUTHORI	TY OP		
X C30 Limitation of	<i>ication and authonity)</i> E Government's Obliga	tion			
MPORTANT: Contractor		-	1 copies to the	issuing office	
DESCRIPTION OF AMENDMENTMODIFICA (XED WING FLIGHT SERVICE GION SUPPORT 2014. cason for Modification :	S IN SUPPORT OF THE	NATIONA	L SCIENCE FOUNDATION		ND POLAR
he contractor shall prov )(4) olar Regions in accordan ork, Arctic Flight Servi 014 through April 25, 20	to support the Nation nee with B1.1.1.2. Are nees 2014. The service	ctic Pr e perfo	rmance period is pla	the Arctic hed Statem	ent of
11 Daily Availability, E ontinued xcept as provided herein, all terms and condition SA. NAME AND TITLE OF SIGNER (Type or print	ns of the document referenced in Item 9 A	or 10A, as he		nd in full force and e	fact
DHA HARMER SE CONSTRACTORIOFFERDR	15C. DATE SIGN	-	Did Hershey		18C. DATE SIGNED
Soldiure of person suthorized to sign)	04/04/2	014 -	Signature of Contracting Officer)		7/0/14
stv 7548-01-152-8070 Tavious edition unusable	/			STANDARD FOI Prescribed by G FAR (48 CFR) 5	

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED D12PC00113/0015

PAGE OF 3

2

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

ITEM NO.	SUPPLIES/SERVICES	QUANTIT		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values.				
	Obligated Amount for this Modification: \$429,000.00 New Total Obligated Amount for this Award:				
	(b) (4)				
	Payment Terms: PP30				
	Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive				
	Boise ID 83706 US				
	FOB: Destination Period of Performance: 04/01/2014 to 08/31/2014				
	Add Item 00470 as follows:				
0470	NSF-Fixed Wing Flt Services Arctic Region 2014 Obligated Amount: (b) (4)				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 Funded: (D) (4)				
	The COR will provide the contractor with the Office of Aircraft Services (OAS) status report template to list the work accomplished each day throughout the period of performance. The contractor shall complete and forward the report weekly to the COR. The contractor shall notify the CO or COR when 75% of the estimated total is reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and parking based on actual receipts. The COR must be notified if the actual cost would exceed the authorized per diem for any location.				
	All Daily Availability, Flight Time and other line items are based on Government estimates to Continued				

CONTINU	IATION	SHEET
CONTINU		SHEEL

REFERENCE NO. OF DOCUMENT BEING CONTINUED D12PC00113/0015 PAGE OF 3 3

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

(m)					AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	complete each project. The contractor shall be				
	paid for actual services performed, not to exceed				
	the estimated values.				
	Add Item 00480 as follows:				
0480	NSF-Fixed Wing Flt Services Arctic Region 2014				(b) (4)
	Obligated Amount: (b) (4)				-
	IT Approval Num: N				
	Decouption Tofo				
	Accounting Info:				
	01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost				
1	Center: DS68694300 Functional Area:				
	DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center:				
	DS68694300 Project/WBS: DR.WHBOI.14NSF739 PR Acct Assign Line: 01			[	
	Funded: $(b)$ (4)				
	runded; (D) (4)				
I					
ļ					
				D	
1				1	
1					
			+ E	1	
				1	



# 1.0 Objectives

CH2M Hill, Polar Field Services, SRI, and UMIAQ form the CPS team that provides support services for Arctic research activities that are funded by the National Science Foundation (NSF), Division of Polar Programs (PLR). The NSF is a U.S. government agency that promotes scientific research.

On behalf of the NSF, CPS will acquire fixed wing aircraft flight services from Kenn Borek Air, Ltd. (KBA), under Contract D12PC00113.

The 2014 support requirements include:

- (b) (4) working at Ice Station Barneo near the geographic North Pole arriving 11 April and departing 21 April. The work will include multiple landings on virgin sea ice. The end date may be extended by two to four days for work between Barneo and CFS Alert contingent on NSF approval to maintain the Switchyard time-series. The possible extension is included in the attached project estimate.
- 2. (b) (4) working at Station Nord for approximately one week arriving 14 April and departing 18 April. The aircraft will perform grid surveys over the sea ice in search of an experiment with possible landing(s) on virgin sea ice.
- 3. (b) (4) operating between Kangerlussuaq and Summit Station, Greenland arriving on 16 April departing 18 April to open the station for Spring/Summer operations.

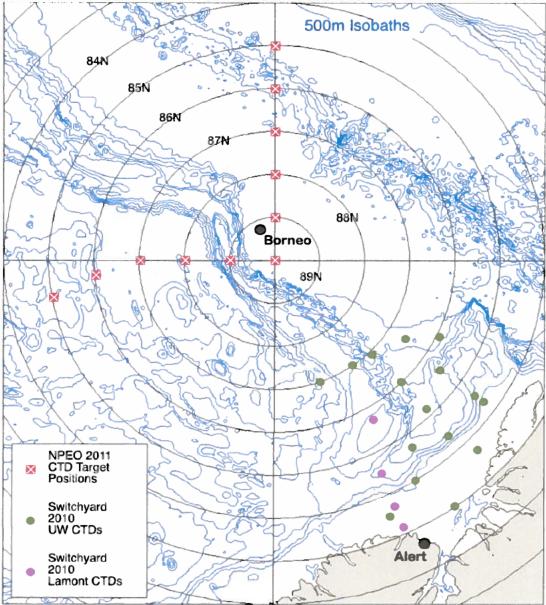
# 2.0 Scope

#### 2.1 Sea Ice work in Barneo Region: 11 April -> 21 April

An Ice Station is created at ~89° North each April by a Russian organization in support of research and tourism. Ice Station "Barneo" consists of berthing, kitchen facilities, and a runway maintained for jet aircraft that arrive from Russia and Longyearbyen, Norway. Two MI-8 helicopters are also based at the facility primarily to support tourism with the occasional science support mission.

The Barneo aviation support will consist of Conductivity, Temperature and Depth of seawater (CTD) casts made from a ski-equipped Twin Otter landing on the sea ice at multiple sites along 90° E and 180° (see below). CTD is an essential oceanographic tool used to measure seawater. The instrument has a number of bottles that can be selectively closed to collect isolated water samples at different depths. The casts are made through a hole drilled next to the parked aircraft by a team of two. A tent-like vestibule attached to the plane and a portable heater allows the team to conduct the hydrocasts from the heated interior of the plane using multiple sensors. Water samples are obtained at up to six depths with Niskin bottles attached to the Kevlar winch line. An internal auxiliary fuel tank is required to support extended range flight operations. CPS will provide accommodation for the crew through a contract with Polar Expeditions. KBA has supported this effort since 2004.





Target sites in the Barneo Region are indicated with red squares.

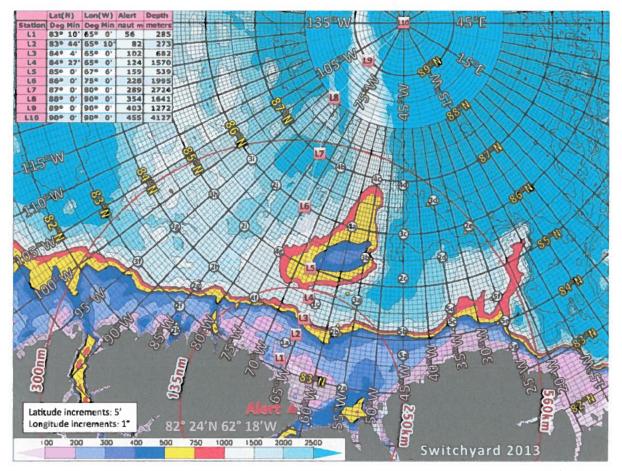


#### 2.2 Sea Ice work between Barneo and CFS Alert: 21 April -> ~24 April

To continue the Switchyard time-series, the Barneo aircraft will perform a lighter version of the work above with one researcher using a CTD mounted on a downrigger to capture measurements at 500 and 1000-meter depths. This support will occur over two days at 89°, 88°, 87° on the southbound leg from Barneo, and 86°, 85°, and

84° on the next day north from CFS Alert. The 24 April finish date includes contingency for potential weather delays at Alert, but it is conceivable this project could be finished by 22 April if the weather permits. An internal auxiliary fuel tank is required to support extended range flight operations. CPS will provide fuel and accommodation for the crew through a contract at Alert with Canadian Defence. KBA has supported this project since 2004.

Pink squares L1 – L10 are targets for water sampling. The objection is to reach one site at each degree of latitude south from the pole at 89°, 88°, 87°, 86°, 85°, 84°, and 83°. Weather may not permit the aircraft to visit each site, as this will be a short duration campaign.





#### 2.3 Sea Ice work from Station Nord NE Greenland 14 April - ~18 April \*

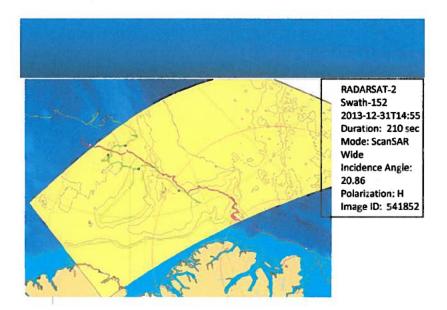
Station Nord is a military and scientific station in northeastern Greenland 1700 km north of the Arctic Circle at 81°36'N, 16°40'W.

In 2013 Kenn Borek provided air support for a DARPA project that deployed a transmitter (Tx) and receiver (Rx) array west of the North Pole. The Tx has drifted south and is approaching the Atlantic Ocean. The Rx experienced a battery failure and stopped reporting in mid-December approximately 230 nautical miles northwest of Station Nord. The DARPA team believes they have identified the ice floe where the Rx was deployed and are monitoring its movement using RadarSat imagery. Sea ice model projections indicate the Rx may be well within 150 miles of Nord by April.

A team of two will meet Kenn Borek personnel in Resolute and fly to Station Nord. They intend to fly up to four days worth of grid surveys over the sea ice in an attempt to locate the Rx. They will solicit the aircrew's advice on appropriate altitudes and patterns for this type of search. If the Rx is located, and the aircraft can land in the vicinity, the team will recover 8 SDHC cards from the instrument and place a tracking beacon on it for potential recovery at sea later in the year. The team of two will then return to locate with the  $\binom{b}{4}$  An internal auxiliary fuel tank is desired, but not required to support extended range flight operations.



Grid survey area north of Station Nord. RadarSat swath from 2013.12.31





#### 2.4 Summit Station Spring Opening 16 April Kangerlussuag, GL

Summit Station is located at the peak of the Greenland ice cap at 72°35'46"N 38°25'19"W, 10,530 feet (mean sea level) elevation. Summit is a scientific research station sponsored by the National Science Foundation.

On 16 April a(b) (4) will be used to open Summit Station for the 2014 season. Summit has an existing skiway that is maintained for LC-130s and other aircraft. Five personnel are currently at the station and will provide weather observations as well as other flight support and fuel as necessary.

The flight will originate in Kangerlussuaq, GL. There will be a maximum of 18 passengers and we will optimize available cabin load with personal gear, scientific equipment, and operational resupply.

CPS has an operational hub in Kangerlussuaq with staff to assist the aircrew. Kangerlussuaq is a commercial airport with aviation support services. CPS will provide accommodation for the aircrew in Kangerlussuaq.



Project Estimate High Arctic (DARPA-Nord, Barneo & Possible Swyd)

Deployment Calency - Paralista	Nert (2100 NM)	9 April, 2014	Quantity Date	7	Tatal
Deployment Calgary - Resolute - A	neir (5100 MM)	5 April, 2014	Quantity Rate		Total
AV - Availability			(b) (4) <sup>(b) (e</sup>	· · · · · · · · · · · · · · · · · · ·	(b) (
FT - Flight Time		the second se			
PD - Per Diem	(b) (4				
SC -Fuel					
SC - En route landing / handling fe	es			(b) (1)	
Redeployment Alert-Resolute (60	0 NM(b) (4)	25 April, 2014		(D) (4) Deploy Sub-Total	
AV - Availability			(h) (1) (h) (4)		
FT - Flight Time	(b) (4)				$(\mathbf{b})$
PD - Per Diem					
SC -Fuel					
SC - En route landing / handling fe					
ou chroace initiality initiality is				(b) (4) Redploy Sub-Total	1
Redeployment Alert-Resolute-Cal		25 April, 2014	(b) (4) m		_
AV - Availability	(b) (4		(D)(4) (D)(4	1	
FT - Flight Time	(b) (4				(b) (
PD - Per Diem					
SC -Fuel					
SC - En route landing / handling fe	es				
				(b) (4) Redploy Sub-Total	
ect Support	Darlad of Darlamana	4/44 Page 4 4/94 Page 4	(b) (d) (b) (d		
(b) (4) (AV)	Period of Performance:	4/11/2014 - 4/24/2014			
(Barneo) (FT)	Hours Estimate:	(Assumption 100% Barneo)			
(b) (4) (AV)	Period of Performance:	4/11/2014 - 4/24/2014			
(FT)	Hours Estimate:	(Assumption 100% SAR, SWYD, Nord)			
Eureka	4/11-4/14, 4/18-4/24				
SC - Fuel	(b) (1)	(b) (1)			
SC - En route landing / handling fer	s(D)(4)	(b) (4)			
SC - Daily Eureka Wx Station Fees					_
(b) (4)				Project Support Sub-Total	_
SC - Sea Ice Landings			(b) (4) (b) (4)		
Sea the containings				Sea Ice Sub-Total	-(())(4
				Grand Sub Total	(b) (4)
stimate Summit Greenland 2014					
4)					
Deploy Resolute - Iqalult - Kangeriussua	eq 15 April, 2014 1340 NM En	Route	Quantity	Rate	Tota
Deploy Resolute - Iqalult - Kangeriussus AV - Availability		Route	Quantity (b) (4)	Rate c) (4)	
) Deploy Resolute - Iqalult - Kangeriussu AV - Avallability FT - Filght Time	aq 15 April, 2014 1340 NM En	Route	Quantity (b) (4)	D) (4)	(b)
Deploy Resolute - Igalult - Kangerlussus AV - Availability F1 - Right Time PD - Per Diem		Route	Quantity (D) (4)	Rate <b>(4)</b>	(b)
Deploy Resolute - Igalult - Kangerlussus AV - Availability FT - Right Time PO - Per Diem Sc - Fuel		Route	Quantity (5) (4)	Rate D) (4)	
Deploy Resolute - Iqalult - Kangerlussus AV - Availability FT - Right Time PO - Per Diem SC - Fuel SC - En route landing / handling fees	(b) (4)		Quantity (b) (4)	Rate D) (4) (5) (4) Deploy Sub-Tota	
Deploy Resolute - Igalult - Kangerlussus AV - Availability FT - Right Time PD - Per Diem SC -Fuel SC - En route landing / handling fees Redeploy Kangerlussuag - Igalult			Quantity (b) (4) (	o) (4)	(b)
Deploy Resolute - Igalult - Kangerlussus AV - Availability FT - Right Time PD - Per Diem SC - Fuel SC - En route landing / handling fees Redeploy Kangerlussuaq - Igalult AV - Availability	(b) (4) 19 April 2014 490 NM En F		Quantity (b) (4) (( (b) (4)	o) (4)	(b)
Deploy Resolute - Iqaluft - Kangerlussus AV - Availability FT - Flight Time PD - Per Olem SC - Fuel SC - En route landing / handling fees Redeploy Kangerlussuaq - Iqalult AV - Availability FT - Flight Time	(b) (4)		(b) (4) (b) (4)	o) (4)	(b)
Deploy Resolute - Igaluft - Kangerlussus AV - Availability FT - Right Time PD - Per Diem SC -Fuel SC - En route landing / handling fees Redeploy Kangerlussuaq - Igaluft AV - Availability FT - Flight Time PD - Per Diem	(b) (4) 19 April 2014 490 NM En F		Quantity (b) (4) ( (b) (4)	o) (4)	(b) (b)
Deploy Resolute - Igalult - Kangerlussus AV - Availability FT - Right Time PD - Per Diem SC - Fuel SC - En route landing / handling fees SC - En route landing / handling fees Redeploy Kangerlussuaq - Igalult AV - Availability FT - Right Time PD - Per Diem SC - Fuel SC - Fuel	(b) (4) 19 April 2014 490 NM En F		Quantity (b) (4) ( (b) (4)	o) (4)	(b) (b)
Deploy Resolute - Igaluft - Kangerlussus AV - Availability FT - Right Time PD - Per Diem SC -Fuel SC - En route landing / handling fees Redeploy Kangerlussuaq - Igaluft AV - Availability FT - Flight Time PD - Per Diem	(b) (4) 19 April 2014 490 NM En F		Quantity (b) (4) (( (b) (4) (	b) (4)	(b)
Deploy Resolute - Igaluft - Kangerlussus AV - Availability FT - Right Time Po - Per Diem SC - Fuel SC - En route landing / handling fees Redeploy Kangerlussuaq - Igaluit AV - Availability FT - Right Time PD - Per Diem SC - Fuel SC - Fuel SC - En route landing / handling fees	(b) (4) 19 April 2014 490 NM En F		(b) (4) ((b) (4)	o) (4)	(b)
Deploy Resolute - Igalult - Kangerlussus AV - Availability FT - Right Time PD - Per Olem SC - Fuel SC - En route landing / handling fees Redeploy Kangerlussuaq - Igalult AV - Availability FT - Filight Time PD - Per Diem SC -Fuel SC - Fuel SC - En route landing / handling fees Ct Support	(b) (4) 19 April 2014 490 NM En F		(b) (4) ((b) (4) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b	b) (4)	(b)
Deploy Resolute - Igaluft - Kangerlussus AV - Availability FT - Right Time Po - Per Diem SC - Fuel SC - En route landing / handling fees Redeploy Kangerlussuaq - Igaluit AV - Availability FT - Right Time PD - Per Diem SC - Fuel SC - Fuel SC - En route landing / handling fees	(b) (4) 19 April 2014 490 NM En F (b) (4)	loute	(b) (4) ((b) (4) (b) (4) (b) (4) (b) (4) (b) (4) (b) (4) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b	b) (4)	(b)
Deploy Resolute - Igalult - Kangerlussus AV - Availability FT - Right Time PD - Per Diem SC - Fuel SC - En route landing / handling fees SC - En route landing / handling fees AV - Availability FT - Right Time PD - Per Diem SC - Fuel SC - Fuel SC - En route landing / handling fees SC - En route landing / handling fees	(b) (4) 19 April 2014 490 NM En F (b) (4) Period of Performance:	loute	(b) (4) ((b) ((b	b) (4) b) (4) b) (4) b) (4) b) (4)	(b) tai
Deploy Resolute - Igalult - Kangerlussuu AV - Availability FT - Right Time PD - Per Diem SC - Fuel SC - En route landing / handling fees SC - En route landing / handling fees SC - En route landing / handling fees PD - Per Diem SC - Fuel SC - En route landing / handling fees SC - Fuel SC - Fuel S	(b) (4) 19 April, 2014 490 NM En F (b) (4) Period of Performance: Hours Estimate:	loute	Quantity (b) (4) ( (b) (b) (b) (b) (b) (b) (b) (b) (b) (b)	b) (4)	(b) ( tal (b) (
Deploy Resolute - Igaluft - Kangerlussus AV - Availability FT - Filght Time PD - Per Olem SC - Fuel SC - En route landing / handling fees Redeploy Kangerlussuaq - Igaluft AV - Availability FT - Filght Time PD - Per Diem SC - En route landing / handling fees ct Support D (4) FT - Right Time PD - Per Diem FT - Right Time PD - Per Diem	(b) (4) 19 April, 2014 490 NM En F (b) (4) Period of Performance: Hours Estimate: (b) (4)	18-18 April, 2014	(b) (4) ((b) (4) (b) (4) (b) (4) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	b) (4) b) (4) b) (4) b) (4) b) (4)	(b) ( tal (b) (
Deploy Resolute - Igalult - Kangerlussus AV - Availability FT - Right Time PD - Per Diem SC -Fuel SC - En route landing / handling fees Redeploy Kangerlussuaq - Igalult AV - Availability FT - Flight Time PD - Per Diem SC - Fuel SC - En route landing / handling fees Ct Support DI (4) AV - Availability FT - Right Time PD - Per Diem PD - Per Diem PD - Per Diem	(b) (4) 19 April, 2014 490 NM En F (b) (4) Period of Performance: Houri Estimate: (b) (4) Multiple takoff/landing/handling	18-18 April, 2014	(b) (4) (c) (4) ((c) (4) (c) (4) (c) (4) (c) (4) (4)	b) (4) b) (4) b) (4) b) (4) b) (4)	(b) tal (b)
Deploy Resolute - Igaluft - Kangerlussus AV - Availability FT - Filght Time PD - Per Olem SC - Fuel SC - En route landing / handling fees Redeploy Kangerlussuaq - Igaluft AV - Availability FT - Filght Time PD - Per Diem SC - En route landing / handling fees ct Support D (4) FT - Right Time PD - Per Diem FT - Right Time PD - Per Diem	(b) (4) 19 April, 2014 490 NM En F (b) (4) Period of Performance: Hours Estimate: (b) (4)	18-18 April, 2014	(b) (4) ((b) (4) (b) (4) (b) (4) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	b) (4) b) (4) b) (4) project Support Sub-To b) (4) Project Support Sub-To	(b) tai
Deploy Resolute - Igalult - Kangerlussus AV - Availability FT - Right Time PD - Per Diem SC -Fuel SC - En route landing / handling fees Redeploy Kangerlussuaq - Igalult AV - Availability FT - Flight Time PD - Per Diem SC - Fuel SC - En route landing / handling fees Ct Support DI (4) AV - Availability FT - Right Time PD - Per Diem PD - Per Diem PD - Per Diem	(b) (4) 19 April, 2014 490 NM En F (b) (4) Period of Performance: Houri Estimate: (b) (4) Multiple takoff/landing/handling	18-18 April, 2014	(b) (4) ((b) (4) (b) (4) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	b) (4) b) (4) b) (4) b) (4) b) (4)	(b) tal (b)
Deploy Resolute - Igalult - Kangerlussus AV - Availability FT - Right Time PD - Per Diem SC -Fuel SC - En route landing / handling fees Redeploy Kangerlussuaq - Igalult AV - Availability FT - Flight Time PD - Per Diem SC - Fuel SC - En route landing / handling fees Ct Support DI (4) AV - Availability FT - Right Time PD - Per Diem PD - Per Diem PD - Per Diem	(b) (4) 19 April, 2014 490 NM En F (b) (4) Period of Performance: Houri Estimate: (b) (4) Multiple takoff/landing/handling	18-18 April, 2014	(b) (4) (c) (4) (c) (4) (c) (4)	b) (4) b) (4) b) (4) project Support Sub-To b) (4) Project Support Sub-To	(b)



The COR will provide the contractor with the Office of Aircraft Services (OAS) status report template to list the work accomplished each day throughout the period of performance. The contractor shall complete and forward the report weekly to the COR. The contractor shall notify the CO or COR when 75% of the estimated total is reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and parking based on actual receipts. The COR must be notified if the actual cost would exceed the authorized per diem for any location.

All Daily Availability, Flight Time and other line items are based on Government estimates to complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values.

AMENDMENT OF SOLICITATION/MODIFIC	CATION OF CONTRACT		1 CONTRACT ID CODE		PAGE OF PAGES
2 AMENDMENT/MODIFICATION NO	3. EFFECTIVE DATE	A BEC			1 1
0016	06/02/2014		UISITION/PURCHASE REQ. NO. 153390	5 PR	ROJECT NO. (Il applicable)
6. ISSUED BY CODE	D41				11
Interior Business Center, A	1041		AINISTERED BY (If other than item (		
Division 4/ Branch 1	QD	DOI	Interior Busines:	s Center,	AUD
300 East Mallard Drive		Div:	ision 4/ Branch 1		-
Suite 200			East Mallard Drive	e	
Boise ID 83706			te 200		
		B013	se ID 83706		
8 NAME AND ADDRESS OF CONTRACTOR (No. 2000) BOREK, KENN AIR LTD	n, county, State and ZIP Code)	(1) BA	AMENDMENT OF SOLICITATION N	10	
Attn: ATTN GOVERNMENT POC		98.	DATED (SEE ITEM 11)		
290 MCTAVISH RD NE					
CALGARY AB T2E 7G5					
		X D1	MODIFICATION OF CONTRACT/O 2PC00113	RDER NO	
		108	DATED (SEE ITEM 13)		
CODE 0071061255	FACILITY CODE	- 1	/05/2012		
	11 THIS ITEM COLUMN AND LOTA				
The above numbered solicitation is emended as set to OBars must actionulate amount of the	11. THISTTEN ONLY APPLIES T				
Offers must acknowledge receipt of this amendment p items 8 and 16, and returning cop	for to the hour and date coecified in t	to appeilation		Is extended.	is not extended
items 8 and 16, and returning cop	hes of the amendment; (b) By acknow	nodging /isce	of the amendment on each come	wing methods (a	) By completing
separate letter or tologram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF O	to the solicitation and amandment nu	mbers FAR	URE OF YOUR ACKNOWLEDGEM		stand : or (c) By
THE PLACE DESIGNATED FOR THE RECEIPT OF O virtue of this amendment you desire to change an offer	FFERS PRIOR TO THE HOUR AND	DATE SPEC	FIED MAY REGULT IN REJECTION	OF YOUR OFFI	ERICA
reference to the solicitation and this emerationent and it	monhant a day to m	y be made by	talogram or letter, provided each tel	egram or latter m	lakes
2 ACCOUNTING AND APPROPRIATION DATA (# regu	tradi	IN CASES SPEC	THE CONTRACT OF A CONTRACT		
01	Ne	at Incr	ease:	\$178,3	62.00
13. THIS ITEM ONLY APPLIES TO MO	DIFICATION OF CONTRACTERORDE	RB IT MOD	FILE THE CONTRACTIONOR NO.	48.05000000	
CHECK ONE A THIS CHANGE ORDER IS ISSUED PO ORDER NO IN ITEM 10A	JREUANT TO (Specify authority) Th	E CHANGE	SET FORTH IN ITEM 14 ARE MAD	E IN THE CONT	PACT
B THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH (	ORDER IS MODIFIED TO REFLECT	THE ADMIN	ISTRATIVE CHANGES (auch at ch		
	N THEM 14, PURSUANT TO THE AU	THORITY OF	FAR 43 103(b)	angas in boying i	omca
C THIS SUPPLEMENTAL AGREEMENT	SENTERED INTO PURSUANT TO	UTHORITY	OF		
O OTHER (Specify type of modification at	nd authomy)				
X C30 Limitation of Gov			(D)D 50 010 1		
IMPORTANT: Contractor is not	the second of the second	011, 01		Changes	
is that	× is required to sign this document as	nd return	Copies to the	issuing office	
EDESCRIPTION OF AMENDMENT/MODIFICATION (O	genzed by UCF section headings, in	cluding satia	tation/contract subject matter where	foasuble )	
EXED WING FLIGHT SERVICES IN EGION SUPPORT 2014.	SUPPORT OF THE NAT	TONAL	SCIENCE FOUNDATION	, ARCTIC	AND POLAR
LOIN,					
e purpose of this modificati	ion is as follows:				
Change contract language, p	paragraph B4.2.7				
Provide funding for Arctic	Programs, SCARF Pr	onect.	Line 490		
		-jeer,	ALDE 450		
Remove paragraph B4.2.7 thr	ough B4 2 7 2 and				
	ough 04.2.7.2 and	replace	with the following	ng:	
.2.7 Landing Gear					
Landing Gear					
2 7 1 2 2					
.2.7.1 For Arctic operation	s aircraft shall be	e equip	ped with either so		or
it and out a state					
ept as provided herein, all terms and conditions of the do	cument referenced in item 9 A or 10/	A as heretof	Changed remains unstances of	dan b. it for	
NAME AND TITLE OF SIGNER (Type or print)		16A NAM	AND TITLE OF CONTRACTING C	o in itili force and	I effect
Tour llas in D		1		TPICER (Type a	r pnnt)
JOHN HARMER IN	ES IDENT	1	el Willis		
CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITE	DETAILES OF TRERICA		18C DATE SIGNED
Sharen	1		1141/2/2		IST OFFE COMED
The tage of the sufform of to supp)	_ Just 3 Dan	1 7	Signature of Centracting Officer)	1	916/201
7640-01-152-8070	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			GTANDADD -	0001000000
ous other unusable		5		Proscribed by (	ORM 30 (REV 10-83) GSA
				- resumption by (	work .

Proscribed by GSA FAR (48 CFR) 53 243

ЕМ NO. (A)	(B)	QUANTITY	F 1	UNIT PRICE	AMOUNT
		(C)	(D)	(E)	(F)
	<pre>wheel/ski landing gear (as required by mission). B4.2.7.2 For Antarctic operations (with the exception of deploying and redeploying via Rothera Research Station) aircraft shall be equipped with spring skis. B4.2.7.3 For all other off-strip operations, aircraft shall be equipped with landing gear appropriate for wheeled operations sometimes called "Hi Flotation". Transport Canada/FAA STC, TC or 337 approved for (b) (4) is acceptable. B. The contractor shall provide (b) (4) b) (4) capable of off-strip operations in support of the National Science Foundation in the Arctic and Polar Regions in accordance with B1.1.1.2. Arctic Programs, Schedule A CLIN 15 and the attached Statement of Work, Flight Services, Arctic Region, Small Canadian Arctic River Flows (SCARFS) project, 2014. The performance period is planned for June</pre>				
	23, 2014 through July 8, 2014, dependent on weather conditions. All Daily Availability, Flight Time and other items are based on Government estimates to complete this project. The contractor shall be paid for actual services performed, not to exceed the estimated values stated in the pricing schedule.				
	Payment Terms: PP30 Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive Boise ID 83706 US				
	Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF739 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 04/01/2014 to 08/31/2014				
	Add Item 00490 as follows: Continued				

PAGE

2

OF

CONTINUATION SHEET	REFERENCE NO. OF	4	MENT BEING CONTINUED
	D12PC00113/0	0016	

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
0.400	NCE Fined Hiss Blt Complete Design CODEC				170 200
0490	NSF-Fixed Wing Flt Services Arctic Region, SCARFS 2014				178,362.
	Obligated Amount: \$178,362.00				
	The COR will provide the contractor with the				
	Office of Aircraft Services (OAS) status report template to list the work accomplished each day				
	throughout the period of performance. The				
	contractor shall complete and forward the report				
	weekly to the COR. The contractor shall notify				
	the CO or COR when 75% of the estimated total is				
	reached for any item. The contractor shall be				
	reimbursed for fuel, aircraft handling and				
	parking based on actual receipts. The COR must be notified if the actual cost would exceed the				
	authorized per diem for any location.				
	All Daily Availability, Flight Time and other line items are based on Government estimates to				
	complete each project. The contractor shall be				
	paid for actual services performed, not to exceed				
	the estimated values stated on the attached				
	pricing schedule.				

PAGE

3

OF

Interior Business Center, Division 4/ Branch 1 300 East Mallard Drive Suite 200 30 Soise ID 83706 NAME AND ADDRESS OF CONTRACTOR (No. a DREK, KENN AIR LTD ttn: ATTN GOVERNMENT POC 90 MCTAVISH RD NE ALGARY AB T2E 7G5 DDE 0071061255 The above numbered solicitation is amended as sel Offers must ecknowledge receipt of this amendment lems 8 and 15, and returning separate letter or telegram which includes a reform THE PLACE DESIGNATED FOR THE RECEIPT OF its amendment you destre to charge an of separate letter or telegram which includes a reform ACCOUNTING AND APPROPRIATION DATA (// re e Schedule 13. THIS ITEM ONLY APPLIES TO I ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRA appropriation dete, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN	S. EFFECTIVE DATE     06/11/2014     041     AQD     AQD     AQD     AQD     AQD     ADD     AQD     ADD     AQD     AQD     ADD     AQD     AQD     AQD     AQD     ADD     AQD     AD     AQD	4. REAL	oreign of Offens is exten in or as amended, by one of the following mu- high of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO SIFIED MAY RESULT IN REJECTION OF YOU y talegram or letter, provided each telegram or stifled.	NO.
0017         6.ISSUED BY         CONTRACTOR BUSINESS Center,         Division 4/ Branch 1         300 East Mallard Drive         Suite 200         Boise ID 83706         NAME AND ADDRESS OF CONTRACTOR (Mo. a         DREK, KENN AIR LTD         Ctn: ATTN GOVERNMENT POC         POREK, KENN AIR LTD         CLGARY AB T2E 7G5         DOE       0071061255         The above numbered solicitation is amended as seconflore must ecknowledge receipt of this amendmentiates and 15, and returning       0         DOE       0071061255         The above numbered solicitation is amended as seconflore must ecknowledge receipt of this amendmentiates and returning       0         DOE       0071061255         The above numbered solicitation and this amendmentiates a referen THE PLACE DESIGNATED FOR THE RECEIPT OF the ACCOUNTING AND APPROPRIATION DATA (// role is Schedule         13. THIS ITEM ONLY APPLIES TO I         ECK ONE       A. THIS CHANGE ORDER IS ISSUED         ORDER NO. IN ITEM 10A.         B. THE ABOVE NUMBERED CONTRA appropriation deta, etc.) SET FORT         C. THIS SUPPLEMENTAL AGREEMEN	O 6/11/2014      ODE     D41      AQD      AQD      FACILITY CODE      14. THIS ITEM ONLY APPLI      toth in Item 14. The hour and data     profit to the hour and data specifie     copies of the amendment; (b) By ac     copies of the solicitation and amendment     FOFFERS PRIOR TO THE HOUR; 10     PURSUANT TO: (Specify authority)	7. AD DOI Div 300 Sui Boi. (x) 8A. (x)	DMINISTERED BY (# other than horn 6) ., Interior Business Centrision 4/ Branch 1 Peast Mallard Drive te 200 se ID 83706 . AMENDMENT OF SOLICITATION NO. . DATED (SEE ITEM 11) . MODIFICATION OF CONTRACTIORDER . DATED (SEE ITEM 13) 1/05/2012 ENTS OF SOLICITATIONS colpt of Offers is exten nor as amended, by one of the following multiple of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO SRIED MAY RESULT IN REJECTION OF YOUR stated, . ease :	NO.
ISSUED BY     CO     Interior Business Center,     Division 4/ Branch 1     300 East Mallard Drive     Suite 200     30 ise ID 83706     NAME AND ADDRESS OF CONTRACTOR (Mo. 4     OREK, KENN AIR LTD     ttn: ATTN GOVERNMENT POC     90 MCTAVISH RD NE     ALGARY AB T2E 7G5     DOE 0071061255     The above numbered solicitation is amended as se     Offers must ecknowledge receipt of this amendment     Items 8 and 15, and returning     THE PLACE DESIGNATED FOR THE RECEIPT OF     thus of this amendment you desite to change an of     separate letter or telegram which includes a referen     THE PLACE DESIGNATED FOR THE RECEIPT OF     interions to the solicitation and this amendment, an     ACCOUNTING AND APPROPRIATION DATA (// ro     e Schedule	ODE D41     AQD	7. AD DOI Div 300 Sui Boi. (x) 8A. (x)	DMINISTERED BY (# other than horn 6) ., Interior Business Centrision 4/ Branch 1 Peast Mallard Drive te 200 se ID 83706 . AMENDMENT OF SOLICITATION NO. . DATED (SEE ITEM 11) . MODIFICATION OF CONTRACTIORDER . DATED (SEE ITEM 13) 1/05/2012 ENTS OF SOLICITATIONS colpt of Offers is exten nor as amended, by one of the following multiple of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO SRIED MAY RESULT IN REJECTION OF YOUR stated, . ease :	NO.
Interior Business Center, Division 4/ Branch 1 300 East Mallard Drive Suite 200 30 Soise ID 83706 NAME AND ADDRESS OF CONTRACTOR (No. a DREK, KENN AIR LTD ttn: ATTN GOVERNMENT POC 90 MCTAVISH RD NE ALGARY AB T2E 7G5 DDE 0071061255 The above numbered solicitation is amended as sel Offers must ecknowledge receipt of this amendment lems 8 and 15, and returning separate letter or telegram which includes a reform THE PLACE DESIGNATED FOR THE RECEIPT OF its amendment you destre to charge an of separate letter or telegram which includes a reform THE PLACE DESIGNATED FOR THE RECEIPT OF its of this amendment you destre to charge an of separate letter or telegram which includes a reform ACCOUNTING AND APPROPRIATION DATA ( <i>If re</i> e Schedule 13. THIS ITEM ONLY APPLIES TO I ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRA <i>appropriation deta, etc.</i> ) SET FORT C. THIS SUPPLEMENTAL AGREEMEN	AQD AQD AQD ADD ADD AQD ADD AQD ADD AQD ADD AD	DOI Div 300 Sui Boi. (x) 8A 98. (x) 98. (x) 98.	, Interior Business Ce ision 4/ Branch 1 East Mallard Drive te 200 se ID 83706 AMENDMENT OF SOLICITATION NO. DATED (SEE ITEM 11) C. MODIFICATION OF CONTRACT/ORDER DATED (SEE ITEM 13) 1/05/2012 ENTS OF SOLICITATIONS celpt of Offers is exten n or as amended, by one of the following music hold of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO SHED MAY RESULT IN REJECTION OF YOU y biogram or latter, provided each telegram of affed. "Case :	NO.
Division 4/ Branch 1         300 East Mallard Drive         Suite 200         Boise ID 83706         NAME AND ADDRESS OF CONTRACTOR (Me. 4         DREK, KENN AIR LTD         ttn: ATTN GOVERNMENT POC         90 MCTAVISH RD NE         ALGARY AB T2E 7G5         DDE 0071061255         The above numbered solicitation is amended as seconferent must ecknowledge receipt of this amendmentiates and 15, and returning         DDE 0071061255         The above numbered solicitation is amended as seconferent must ecknowledge receipt of this amendmentiates and 15, and returning         DDE 0071061255         The above numbered solicitation is amended as seconferent must ecknowledge receipt of this amendment and this amendment.         THE PLACE DESIGNATED FOR THE RECEIPT Of fitue of this amendment you desite to change an of stemmos to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// role Schedule         13. THIS ITEM ONLY APPLIES TO I ORDER NO. IN ITEM ONLY APPLIES TO I ORDER NO. IN ITEM 10A.         B. THE ABOVE NUMBERED CONTRA appropriation dete, etc.) SET FORT         C. THIS SUPPLEMENTAL AGREEMEN	FACILITY CODE 11. THIS ITEM ONLY APPLI 11. THIS ITEM ONLY APPLI 11. THIS ITEM ONLY APPLI at forth in Item 14. The hour and data rip prior to the hour and data specifies copies of the amendment; (b) By ac nea to the solicitation and amendment of OFFERS PRIOR TO THE HOUR / after atready submitted , such change nd in received prior to the opening he squired/ MODIFICATION OF CONTRACTB/O D PURSUANT TO: (Specify authority)	AND DATE SPEC and date spec NET DECT	ISION 4/ Branch 1 East Mallard Drive te 200 se ID 83706 AMENDMENT OF SOLICITATION NO. DATED (SEE ITEM 11) MODIFICATION OF CONTRACT/ORDER 22PC00113 DATED (SEE ITEM 13) DATED (SEE ITEM 13	NO.
300 East Mallard Drive         Suite 200         Soise ID 83706         NAME AND ADDRESS OF CONTRACTOR (Me. a         DREK, KENN AIR LTD         ttn: ATTN GOVERNMENT POC         90 MCTAVISH RD NE         ALGARY AB T2E 7G5         DDE 0071061255         The above numbered solicitation is amended as an offerer must ecknowledge receipt of this amendment items 8 and 15, and returning         Baparate letter or telegreen which includes a reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and the amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and the amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and the amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and the amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and the amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and the amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and the amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and the amendment, an ACCOUNTING AND APPROPRIMENT AND APPLIES TO ITAL ACCOUNTING AND APPROPRIMENT AND APPLIES TO ITAL ACCOUNTING AND APPL	FACILITY CODE 11. THIS ITEM ONLY APPLI at forth in Item 14. The hour and data nt prior to the hour and data specifies copies of the amendment; (b) By ac nos to the solicitation and amendment FOFFERS PRIOR TO THE HOUR / offer already submitted , such change nd in received prior to the opening ho squired/ MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	AND DATE SPEC and date spec NET DECT	ISION 4/ Branch 1 East Mallard Drive te 200 se ID 83706 AMENDMENT OF SOLICITATION NO. DATED (SEE ITEM 11) MODIFICATION OF CONTRACT/ORDER 22PC00113 DATED (SEE ITEM 13) DATED (SEE ITEM 13	NO.
Suite 200         Boise ID 83706         INAME AND ADDRESS OF CONTRACTOR (No. a         DREK, KENN AIR LTD         UT: ATTN GOVERNMENT POC         90 MCTAVISH RD NE         ALGARY AB T2E 7G5         DDE 0071061255         The above numbered solicitation is amended as an         Offere must ecknowledge receipt of this amendmen         Itams 8 and 15, and returning         Beparate letter or telegrem which includes a referen         THE PLACE DESIGNATED FOR THE RECEIPT OF         Itams 6 and 15, and returning         Separate letter or telegrem which includes a referen         THE PLACE DESIGNATED FOR THE RECEIPT OF         Itams 6 and 15, and returning         Separate letter or telegrem which includes a referen         THE PLACE DESIGNATED FOR THE RECEIPT OF         ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and the amendment, an         ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and the amendment of the amendment of the solicitation and the amendment an         ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and the amendment of the amendment	FACILITY CODE 11. THIS ITEM ONLY APPLI at forth in Item 14. The hour and data nt prior to the hour and data specifies copies of the amendment; (b) By ac nos to the solicitation and amendment FOFFERS PRIOR TO THE HOUR / offer already submitted , such change nd in received prior to the opening ho squired/ MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	300 Sui Boi. (x) 8A. 98. 98. 98. x 10A 108 01 108 01 ES TO AMENDME to specified for re- d in the solicitation knowledging re- cent numbers. FAIL AND DATE SPEC 5 may be made by pur and date spec Net Decr	East Mallard Drive te 200 se ID 83706 AMENDMENT OF SOLICITATION NO. DATED (SEE ITEM 11) AMODIFICATION OF CONTRACT/ORDER 2PC00113 DATED (SEE ITEM 13) 1/05/2012 ENTS OF SOLICITATIONS Delpt of Offers Is exten nor as amended , by one of the following on hipt of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO XIFIED MAY RESULT IN REJECTION OF YOU y biogram or letter, provided each telegram of affed.	Inded. Is not extended, bithode: (a) By completing ffer submitted ; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567 741 56
NAME AND ADDRESS OF CONTRACTOR (Ma, a OREK, KENN AIR LTD Ltn: ATTN GOVERNMENT POC 90 MCTAVISH RD NE ALGARY AB T2E 7G5 DDE 0071061255 The above numbered solicitation is smended as set Offere must ecknowledge receipt of this amendment lams 8 and 15, and returning Baparate letter or telegrem which includes a referen Item 8 and 15, and returning Baparate letter or telegrem which includes a referen THE PLACE DESIGNATED FOR THE RECEIPT OF intue of this amendment you destre to charge an of defence to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// re e Schedule 13. THIS ITEM ONLY APPLIES TO I ECK ONE A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRA appropriation dete, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN	FACILITY CODE 11. THIS ITEM ONLY APPLI at forth in Item 14. The hour and data nt prior to the hour and data specifies copies of the amendment; (b) By ac nos to the solicitation and amendment FOFFERS PRIOR TO THE HOUR / offer already submitted , such change nd in received prior to the opening ho squired/ MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	Boi. (x) 8A. 98. 98. 98. 98. 98. 98. 98. 98	SE ID 83706 AMENDMENT OF SOLICITATION NO. DATED (SEE ITEM 11) AMODIFICATION OF CONTRACT/ORDER 2PC00113 ADATED (SEE ITEM 13) ADATED (SEE	Inded. Is not extended, bithode: (a) By completing ffer submitted ; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567 741 56
OREK, KENN AIR LTD         DUREK, KENN AIR LTD         Ltn: ATTN GOVERNMENT POC         90 MCTAVISH RD NE         ALGARY AB T2E 7G5         DDE       0071061255         DDE       0071061255         The above numbered solicitation is amended as see         Offere must ecknowledge receipt of this amendmentisms 8 and 15, and returning         Item above numbered solicitation is amended as see         Offere must ecknowledge receipt of this amendmentisms 8 and 15, and returning         Item above numbered solicitation is amended as see         Offere must ecknowledge receipt of this amendmentism         Item above numbered solicitation is amended as reforen         The above numbered solicitation is amended as reforen         The back of this amendment you desite to change an of seterators to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// role)         Is. THIS ITEM ONLY APPLIES TO 1         ECK ONE       A. THIS CHANGE ORDER IS ISSUED         ORDER NO. IN ITEM 10A.       B. THE ABOVE NUMBERED CONTRA appropriation dete, etc.) SET FORT         C. THIS SUPPLEMENTAL AGREEMEN       C. THIS SUPPLEMENTAL AGREEMEN	FACILITY CODE 11. THIS ITEM ONLY APPLI at forth in Item 14. The hour and data nt prior to the hour and data specifies copies of the amendment; (b) By ac nos to the solicitation and amendment FOFFERS PRIOR TO THE HOUR / offer already submitted , such change nd in received prior to the opening ho squired/ MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	(x) 8A. 9B. 9B. 9B. 9B. 9B. 9B. 9B. 9B	AMENDMENT OF SOLICITATION NO. DATED (SEE ITEM 11) AMODIFICATION OF CONTRACT/ORDER 2PC00113 DATED (SEE ITEM 13) 1/05/2012 ENTS OF SOLICITATIONS celpt of Offers is extended is extended by one of the following maintened in the samendard is by one of the following maintened in the samendard is excluded by one of the following maintened in the samendard is provided each telegram of the samendard is provided each telegram of the same is extended and the same is the sa	Inded. Is not extended, bithode: (a) By completing ffer submitted ; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567 741 56
OREK, KENN AIR LTD         DUREK, KENN AIR LTD         Ltn: ATTN GOVERNMENT POC         90 MCTAVISH RD NE         ALGARY AB T2E 7G5         DDE       0071061255         DDE       0071061255         The above numbered solicitation is amended as see         Offere must ecknowledge receipt of this amendmentisms 8 and 15, and returning         Item above numbered solicitation is amended as see         Offere must ecknowledge receipt of this amendmentisms 8 and 15, and returning         Item above numbered solicitation is amended as see         Offere must ecknowledge receipt of this amendmentism         Item above numbered solicitation is amended as reforen         The above numbered solicitation is amended as reforen         The back of this amendment you desite to change an of seterators to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// role)         Is. THIS ITEM ONLY APPLIES TO 1         ECK ONE       A. THIS CHANGE ORDER IS ISSUED         ORDER NO. IN ITEM 10A.       B. THE ABOVE NUMBERED CONTRA appropriation dete, etc.) SET FORT         C. THIS SUPPLEMENTAL AGREEMEN       C. THIS SUPPLEMENTAL AGREEMEN	FACILITY CODE 11. THIS ITEM ONLY APPLI at forth in Item 14. The hour and data nt prior to the hour and data specifies copies of the amendment; (b) By ac nos to the solicitation and amendment FOFFERS PRIOR TO THE HOUR / offer already submitted , such change nd in received prior to the opening ho squired/ MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	28. 28. 29. 29. 20. 20. 20. 20. 20. 20. 20. 20	DATED (SEE ITEM 11) MODIFICATION OF CONTRACT/ORDER 2PC00113 DATED (SEE ITEM 13) 1/05/2012 ENTS OF SOLICITATIONS output of Offers Is extended n or as amended, by one of the following me hipt of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO XFIED MAY RESULT IN REJECTION OF YOU y Integram or Letter, provided each telegram of affed.	Inded. Is not extended, bithode: (a) By completing ffer submitted ; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567 741 56
Constraints       ATTN GOVERNMENT POC         POMCTAVISH RD NE         ALGARY AB T2E 7G5         ALGARY AB T2E 7G5         DOE       0071061255         The above numbered solicitation is amended as an Offere must ecknowledge receipt of this amendmentiations and its, and returning         Lemms 8 and 16, and returning       0         Supparate letter or telegrem which includes a referent referent the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// reference to the solicitation and this amendment, an Account (// reference to the solicitation and this amendment, an Account (// reference to the solicitation and this amendment, an Account (// reference to the solicitation and this ame	11. THIS ITEM ONLY APPLE at forth in Item 14. The hour and data rat prior to the hour and date specifie copies of the amendment; (b) By ac- nee to the solicitation and amendment IF OFFERS PRIOR TO THE HOUR J offer already submitted, such change nd is received prior to the opening ho sequired) MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	28. 28. 29. 29. 20. 20. 20. 20. 20. 20. 20. 20	DATED (SEE ITEM 11) MODIFICATION OF CONTRACT/ORDER 2PC00113 DATED (SEE ITEM 13) 1/05/2012 ENTS OF SOLICITATIONS output of Offers Is extended n or as amended, by one of the following me hipt of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO XFIED MAY RESULT IN REJECTION OF YOU y Integram or Letter, provided each telegram of affed.	Inded. Is not extended, bithode: (a) By completing ffer submitted ; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567 741 56
90 MCTAVISH RD NE         ALGARY AB T2E 7G5         DDE 0071061255         The above numbered solicitation is amended as second form must exchange receipt of this amendment lemms 8 and 15, and returning         Barate letter or telegreen which includes a reform of this amendment you destre to charge an of strate of this amendment, and ACCOUNTING AND APPROPRIATION DATA (// rescuper)         13. THIS ITEM ONLY APPLIES TO INCLUDE NO. IN ITEM 10A.         ECK ONE       A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A.         B. THE ABOVE NUMBERED CONTRA appropriation deta, etc.) SET FORT         C. THIS SUPPLEMENTAL AGREEMEN	11. THIS ITEM ONLY APPLE at forth in Item 14. The hour and data rat prior to the hour and date specifie copies of the amendment; (b) By ac- nee to the solicitation and amendment IF OFFERS PRIOR TO THE HOUR J offer already submitted, such change nd is received prior to the opening ho sequired) MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	x 10A x D1 10B 03 ES TO AMENOME to specified for red d in the solicitation knowledging rece nt numbers. FAIL AND DATE SPEC omy be made by our and date spec Net Decr Net Decr	A MODIFICATION OF CONTRACT/ORDER 22PC00113 DATED (SEE ITEM 13) 1/05/2012 ENTS OF SOLICITATIONS celpt of Offers is exten in or as amended , by one of the following mu hipt of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO SHED MAY RESULT IN REJECTION OF YOU y balegram or latter, provided each telegram of affed.	Inded. Is not extended, bithode: (a) By completing ffer submitted ; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567 741 56
ALGARY AB T2E 7G5 DDE 0071061255 The above numbered solicitation is emended as ae Offere must ecknowledge receipt of this amendmen leams 8 and 15, and returning	11. THIS ITEM ONLY APPLE at forth in Item 14. The hour and data rat prior to the hour and date specifie copies of the amendment; (b) By ac- nee to the solicitation and amendment IF OFFERS PRIOR TO THE HOUR J offer already submitted, such change nd is received prior to the opening ho sequired) MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	x 10A x D1 10B 03 ES TO AMENOME to specified for red d in the solicitation knowledging rece nt numbers. FAIL AND DATE SPEC omy be made by our and date spec Net Decr Net Decr	A MODIFICATION OF CONTRACT/ORDER 22PC00113 DATED (SEE ITEM 13) 1/05/2012 ENTS OF SOLICITATIONS celpt of Offers is exten in or as amended , by one of the following mu hipt of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO SHED MAY RESULT IN REJECTION OF YOU y balegram or latter, provided each telegram of affed.	Inded. Is not extended, bithode: (a) By completing ffer submitted ; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567 741 56
DDE         0071061255           The above numbered solicitation is emended as sel           Offers must ecknowledge receipt of this amendment           Items 8 and 15, and returning           Items 9 and 15, and 16, and 15, and 16, and 16, and 17, and 16, and 17, and 16, and 18,	11. THIS ITEM ONLY APPLE at forth in Item 14. The hour and data rat prior to the hour and date specifie copies of the amendment; (b) By ac- nee to the solicitation and amendment IF OFFERS PRIOR TO THE HOUR J offer already submitted, such change nd is received prior to the opening ho sequired) MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	108 0 3 ES TO AMENDME to specified for re- d in the solicitation knowledging result famowledging re- knowledging re- knowledging re- knowledging re- knowledging re- knowledging re- solicitation famowledging re- product and the product and	A DATED (SEE ITEM 13) A / 05 / 2012 ENTS OF SOLICITATIONS Celpt of Offens In or as amended, by one of the following mainter of this amendment on each copy of the of LURE OF YOUR ACKNOWLEDGEMENT TO SAFED MAY RESULT IN REJECTION OF YOU Votingment or letter, provided each telegram a diffed, Cease:	Inded. Is not extended, bithode: (a) By completing ffer submitted ; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567 741 56
The above numbered solicitation is amended as see Offere must ecknowledge receipt of this amendmentisms 8 and 15, and returning	11. THIS ITEM ONLY APPLE at forth in Item 14. The hour and data rat prior to the hour and date specifie copies of the amendment; (b) By ac- nee to the solicitation and amendment IF OFFERS PRIOR TO THE HOUR J offer already submitted, such change nd is received prior to the opening ho sequired) MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	108 0 3 ES TO AMENDME to specified for re- d in the solicitation knowledging result famowledging re- knowledging re- knowledging re- knowledging re- knowledging re- knowledging re- solicitation famowledging re- product and the product and	A DATED (SEE ITEM 13) A / 05 / 2012 ENTS OF SOLICITATIONS Celpt of Offens In or as amended, by one of the following mainter of this amendment on each copy of the of LURE OF YOUR ACKNOWLEDGEMENT TO SAFED MAY RESULT IN REJECTION OF YOU Votingment or letter, provided each telegram a diffed, Cease:	Inded. Is not extended, bithode: (a) By completing ffer submitted ; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567 741 56
The above numbered solicitation is amended as see Offere must ecknowledge receipt of this amendmen terms 8 and 15, and returning	11. THIS ITEM ONLY APPLE at forth in Item 14. The hour and data rat prior to the hour and date specifie copies of the amendment; (b) By ac- nee to the solicitation and amendment IF OFFERS PRIOR TO THE HOUR J offer already submitted, such change nd is received prior to the opening ho sequired) MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	01 ES TO AMENDINE te specified for re- d in the solicitation knowledging re- ce th numbers. FAIL AND DATE SPEC o may be made by our and date spec Net Decr DRDERS. IT MOD	1/05/2012 ENTS OF SOLICITATIONS celpt of Offers is extended in or as amended, by one of the following ma hipt of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO SIFED MAY RESULT IN REJECTION OF YOU y tologram or letter, provided each telegram of affed.	Ner Bubmitted; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567, 741, 56
The above numbered solicitation is amended as see Offere must ecknowledge receipt of this amendmen terms 8 and 15, and returning	11. THIS ITEM ONLY APPLE at forth in Item 14. The hour and data rat prior to the hour and date specifie copies of the amendment; (b) By ac- nee to the solicitation and amendment IF OFFERS PRIOR TO THE HOUR J offer already submitted, such change nd is received prior to the opening ho sequired) MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	01 ES TO AMENDINE te specified for re- d in the solicitation knowledging re- ce th numbers. FAIL AND DATE SPEC o may be made by our and date spec Net Decr DRDERS. IT MOD	1/05/2012 ENTS OF SOLICITATIONS celpt of Offers is extended in or as amended, by one of the following ma hipt of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO SIFED MAY RESULT IN REJECTION OF YOU y tologram or letter, provided each telegram of affed.	Ner Bubmitted; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567, 741, 56
Items 6 and 15, and returning  separate letter or telegreen which includes a referen THE PLACE DESIGNATED FOR THE RECEIPT OF ritue of this emendment you desire to change an of seferance to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// re e Schedule  13. THIS ITEM ONLY APPLIES TO I ECK ONE A. THIS CHANGE ORDER IS ISSUED ORDER NO, IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN	11. THIS ITEM ONLY APPLE at forth in Item 14. The hour and data rat prior to the hour and date specifie copies of the amendment; (b) By ac- nee to the solicitation and amendment IF OFFERS PRIOR TO THE HOUR J offer already submitted, such change nd is received prior to the opening ho sequired) MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	ES TO AMENDIAZ te specified for rea d in the solicitation knowledging rece nt numbers. FAIL AND DATE SPEC o may be made by sur and date spec Net. Decr. DRDERS. IT MOD	ENTS OF SOLICITATIONS celpt of Offens is exten in or as amended, by one of the following mu kipt of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO XFIED MAY RESULT IN REJECTION OF YOU Valegreen or latter, provided each telegreen affed.	Ner Bubmitted; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567, 741, 56
Items 6 and 15, and returning  separate letter or telegreen which includes a referen THE PLACE DESIGNATED FOR THE RECEIPT OF ritue of this emendment you desire to change an of seferance to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (// re e Schedule  13. THIS ITEM ONLY APPLIES TO I ECK ONE A. THIS CHANGE ORDER IS ISSUED ORDER NO, IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN	at torth in Item 14. The hour and dat nt prior to the hour and date specifie copies of the amendment; (b) By ac nose to the solicitation and amendment IF OFFERS PRIOR TO THE HOUR, offer already submitted, such change nd is neceived prior to the opening he sequired) MODIFICATION OF CONTRACTS/C D PURSUANT TO: (Specify authority)	te specified for rec d in the solicitation introviedging rece nt numbers. FALL AND DATE SPEC 5 may be made by <u>our and date spec</u> Net Decr RDERS. IT MOD	oreign of Offens is exten in or as amended, by one of the following mu- high of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO SIFIED MAY RESULT IN REJECTION OF YOU y talegram or letter, provided each telegram or stifled.	Ner Bubmitted; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567, 741, 56
tems 6 and 15, and returning	copies of the amendment; (b) By ac nos to the solicitation and amendment IF OFFERS PRIOR TO THE HOUR I offer already submitted , such change and a received prior to the opening ho equired) MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	d in the solicitation knowledging rece nt numbers. FAIL AND DATE SPEC a may be made by our and date spec Net Decr DRDERS. IT MOD	n or as amended , by one of the following mu hipt of this amendment on each copy of the or LURE OF YOUR ACKNOWLEDGEMENT TO SIFIED MAY RESULT IN REJECTION OF YO y biogram or latter, provided each telegram of stifled.	Ner Bubmitted; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567, 741, 56
HE PLACE DESIGNATED FOR THE RECEIPT OF the PLACE DESIGNATED FOR THE RECEIPT of thus of this amandment you desite to change an of the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (if ro e Schedule 13. THIS ITEM ONLY APPLIES TO I ECK ONE A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN	nce to the solicitation and amendment IF OFFERS PRIOR TO THE HOUR / after already submitted, such change diameterized prior to the opening ho solution applied in received prior to the opening ho solution applied in the opening hours applied in the opening hours appli	nt numbers, FAIL AND DATE SPEC a may be made by bur and date spec Net Decr DRDERS. IT MOD	LURE OF YOUR ACKNOWLEDGEMENT TO XFIED MAY RESULT IN REJECTION OF YO y bategram or latter, provided each talegram of affied.	Ner Bubmitted; or (c) By BE RECEIVED AT UR OFFER If by or letter makes 5567, 741, 56
A THIS CHARGE ORDER IS ISSUED CREATED FOR THE RECEIPT OF Intrue of this amendment you destre to charge an of afferance to the solicitation and this amendment, an ACCOUNTING AND APPROPRIATION DATA (I/ ro COUNTING AND APPROPRIATION AND APPROPRICAL (I/ ro APPROPRIATION AND APPROPRIN	F OFFERS PRIOR TO THE HOUR / Ifter already submitted , such change and is received prior to the opening ho sequired) MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	AND DATE SPEC a may be made by aur and date spec Net Decr ORDERS. (T MOD	ARED MAY RESULT IN REJECTION OF YOU water and the second s	BE RECEIVED AT UR OFFER If by or letter makes
ECK ONE     A. THIS CHANGE ORDER IS ISSUED     ORDER NO, IN THE ABOVE NUMBERED CONTRA     appropriation date, etc.) SET FORT     C. THIS SUPPLEMENTAL AGREEMEN	offer already submitted , such change nd <u>a received prior to the opening ho</u> <i>equired</i> ) MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	o may be made by our and date space Net Decr ORDERS. IT MOD	v balegram or latter, provided each talegram of affed.	UR OFFER If by prietter makes
E Schedule     13. THIS ITEM ONLY APPLIES TO I     CONE     A. THIS CHANGE ORDER IS ISSUED     ORDER NO. IN ITEM 10A.     B. THE ABOVE NUMBERED CONTRA     appropriation date, etc.) SET FORT     C. THIS SUPPLEMENTAL AGREEMEN	equired) MODIFICATION OF CONTRACTS(C D PURSUANT TO: (Specify authority)	Net Decr	ease: -:	567 741 56
e         SCHEdule           13. THIS ITEM ONLY APPLIES TO I           13. THIS CHANGE ORDER IS ISSUED           ORDER NO. IN ITEM 10A.           B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORT           C. THIS SUPPLEMENTAL AGREEMEN	MODIFICATION OF CONTRACTS/O D PURSUANT TO: (Specify authority)	RDERS. IT MOD		5567,741.56
A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN	PURSUANT TO: (Specify authority	THE CHANCE	FIER THE CONTRACTOR	
A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN	PURSUANT TO: (Specify authority		THE WURLEAST THERE WAS A	
appropriation date, etc.) SET FORT	ACT/ORDER IS MODIFIED TO	THE CHANCES	AS DE	SCRIBED IN ITEM 14.
appropriation date, etc.) SET FORT	ACT/ORDER IS MODIFIED TO	, and onwides	S SET FORTH IN ITEM 14 ARE MADE IN T	E CONTRACT
S. THIS SOFFLEMENTAL AGREEMEN				
S. THIS SOFFLEMENTAL AGREEMEN	TH IN ITEM 14, PURSUANT TO THE	LECT THE ADMIN	NISTRATIVE CHANGES (such as changes in FFAR 43.103(b).	n paying office,
	NT IS ENTERED INTO PURSUALT	TOAUTUONE	An	
		CADINORITY	UP,	
D. OTHER (Specify type of modification	n and authority)			
X FAR 52.212-4(c) Chan	nges			
PORTANT: Contractor	is required to sign this docume	nt and return	1 contes to the leaving	· · · · · · · · · · · · · · · · · · ·
ESCRIPTION OF AMENDMENT/MODIFICATION ( ED WING FLIGHT SERVICES II	10		Buineer are no as an and	office.
ED WING FLIGHT SERVICES IN ION SUPPORT 2014.	N SUPPORT OF THE N	ATIONAL	SCIENCE FOUNDATION	(PTC AND BOAT
ION SUPPORT 2014.			AR AR	CITC AND POLAR
son for Modification : Fur	nding Only Action			
purpose of this modificat 460 from the 2013-2014 Ar	tion is to de-obli	gate rema	aining funds on line in	teme 430 450
460 from the 2013-2014 Ar bices have been paid and t	ntarctica Season.	All deli	verables have been re	cieved. =11
bices have been paid and t	the contractor her	eby provi	ides release of claims	on these line
			Gaulino	en enege TIDE
gated Amount for the				
gated Amount for this Mod Total Obligated Amount for	lification: -\$567,	741.56		
Total Obligated Amount fo	or this Award: (b)	(4)		
as provided herein, all terms and conditions of the AME AND TITLE OF SIGNER (Type or print)	document referenced in Item 9 A or	10A, as heretofor	re changed, remains unchanged and in full f	orce and affect
100.00		16A. NAME	AND TITLE OF CONTRACTING OFFICER	(Type or print)
HARMER RESID				
NTERNINGIATTERA	ENT	richae	al Willis	
DNTROTOWOFFEROR	16C. DATE SIGNED			100 8
IN JANOTOR/OFFEROR			P STORES OF AMERICA	16C. DATE SIGNED
DNTPODTOFUCFFEROR				16C. DATE SIGNED

ET REFERENCE NO. OF JMENT BEING CONTINUED D12PC00113/0017

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

(A)	SUPPLIES/SERVICES	QUANTIT	UNIT	UNIT PRICE	AMOUNT
	(B)	(C)	(D)	(E)	
	1		1 1		AMOUNT (F)
	<pre>b) (4) obligated Amount: (b) (4) Delivery Location Code: 0008755407 DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200 Boise ID 83706 US Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: D568694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: D568694300 Project/WBS: DR.NONFT.13NSF664 PR Acct Assign Line: 01 Funded: (b) (4) (b) (4) (b) (4) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c)</pre>				(b) (4

PAGE

2

OF

ITEM NO. (A)	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Payment for the modification will be made on a firm fixed price as detailed in the Statement of Work (SOW), for Items 3.1, 3.2 and 3.3 and shall not exceed the total stated in the SOW. Payment for Item 4.0 will be for actual time expended and not to exceed the estimated cost.				
	Change Item 00450 to read as follows(amount shown is the obligated amount):				
00450	KBA-FIXED WING FLIGHT SVS TRANSPORT PERSONNEL Obligated Amount: (b) (4)				(b) (4)
	Delivery Location Code: 0008755407 DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200 Boise ID 83706 US Amount: (b) (4) Accounting Info:				
	01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF102 PR Acct Assign Line: 01				
	Funded: (b) (4)				
1	The contractor shall provide fixed wing flight services in support of the NSF-Antarctica to transport personnel from the South Pole to McMurdo Station. The services include (b) (4) (4) The aircraft will				
2 2 9	depart Calgary on or about September 27, 2013 and arrive McMurdo Station Antarctica on or about October 5, 2013. The aircraft will fly to the South Pole on October 6 and extract required bassengers and return to McMurdo Station. See the				
с	Attached Pricing/Funding Schedule for details. Change Item 00460 to read as follows(amount shown is the obligated amount):				
11	SF-Fixed Wing Flt Services-2nd Funding nstallment 2013-2014 bligated Amount: (b) (4)				(b) (4)
De	elivery Location Code: 0009836858 ontinued				

PAGE

3

OF 4 CONTINUATION SHEET

REFERENCE NO. C UMENT BEING CONTINUED D12PC00113/0017

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	≅ (E)	(F)
	ACQ Aviation				
	300 East Mallard Drive				
	Boise ID 83706 US				
	Amount: (b) (4)		[ i		
	Accounting Info:				
	01 Account Assignment: K G/L Account: 6100.252L0				
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area:				
	DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center:				
	DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct				
	Assign Line: 01				
	Funded: (b) (4)				
	The Contractor shall provide fixed wing flight				
	services for the National Science Foundation				
	(NSF) in support of the research activities of				
	the United States Antarctic Program (USAP) and				
	NSF's Arctic Program.				
	int o neoclo riogram.				
	The contractor shall submit flight data (Daily				
	Availability, Flight Time, Unavailability, etc.)				
	on separate OAS-23's, Aircraft Use Reports, for				
	each aircraft. The flight data will be uploaded				
	to the Aviation Management System (AMS) by the				
	contractor no sooner than every 14 days. See the				
	attached pricing/funding schedule for the				
	corresponding aircraft type, registration number				
	and AMS pay item codes.				
	Line item 460 funding shall not be used until				
	line item 440 funding has \$0.00 remaining.				
		8			
0-01-152-					

PAGE

4

OF

AMENDME	NT OF SOLICITATION/MODIFIC	ATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDME	NT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (W appliciable)
0018		07/30/2014	0040169563	a ricordo rico (a apparate)
6. ISSUED BY	CODE	D41	7. ADMINISTERED BY (If other then item 6)	CODE D41
Interio	r Business Center, A(	0	DOI, Interior Business Co	Charles and the second se
	n 4/ Branch 1		Division 4/ Branch 1	
300 Eas	t Mallard Drive		300 East Mallard Drive	
Suite 2			Suite 200	
Boise I	D 83706		Boise ID 83706	
	ADDRESS OF CONTRACTOR (No., atres	t, countly, State and ZIP Code)	00 SA, AMENDMENT OF SOLICITATION NO.	
•	KENN AIR LTD		93. DATED (SEE /TEM 11)	
	ITN GOVERNMENT POC AVISH RD NE		as. United (dee frem fry	
	AB T2E 7G5			
			* D12PC00113	ir no.
			108. DATED (SEE ITEM 13)	
CODE 00	71061255	FACILITY CODE	01/05/2012	
		HI. WHIS ITEM ONLY APPLIES YO	AN NORMANYS OF ESCICINATIONS	
	numbered solicitation is amended as set		afied for receipt of Offers	extended. 🗇 is not extended.
			s spectration of the amendment on each copy of the	
separate ta	tter or telegram which includes a reference	to the exticitation and anventment num	bors. FAILURE OF YOUR ACKNOWLEDGEMENT	T TO BE RECEIVED AT
			NATE SPECIFIED MAY RESULT IN REJECTION OF be made by telegram or lotter, provided each talogr	
	a the solicitation and this emendment, and			
	TING AND APPROPRIATION DATA (# /80	nutred) Ne	t Increase:	\$334,890.00
01			RS. IT MODIFIES THE CONTRACT/ORDER NO. A	
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A.	PURSUANT TO: (Specify authority) TH	e changeb bet forth in item 14 are made	IN THE CONTRACT
	B. THE ABOVE NUMBERED CONTRA appropriation data, etc.) SET FORT	CTYORDER IS MODIFIED TO REFLECT IN ITEM 14, PURSUANT TO THE AU	THE ADMINISTRATIVE CHANGES (Such as char Incrity of FAR 43.103(b).	iges in poying diffice,
		IT IS ENTERED INTO PURSUANT TO		
<u> </u>	where the second s		tation of Government's Obl	ligation
0	D. OTHER (Speally type of modification	n and authority)	ä.	
E. INPORTAL	I Contractor Dis not.	E) is required to sign this document a	nd return 1. copies to the la	suino office.
			naturing soliciteiten/contract subject matter where it	and the second se
			OF THE NATIONAL SCIENCE FO	
ANTARCT	ICA and ARCTIC, 2014-	-2015.	à	
			t for work within scope	
A. Add	Line Item 500, (b) (4	4)		contract to support
			ce with the attached State	ement of Work
(SOW),	titled Aircraft Modi:	fication, (b) (4)		
(b) (4)				
		ation in the amount of	of \$334,890, IAA: AIL-1150	5664.
Continu				
		the document referenced in them 9 A or 1	KA, as heretofore changed, remains unchanged at	
15A. HAME	AND TITLE OF BIGNER (Type or print)		18A. NAME AND TITLE OF CONTRACTING	
JOH	w Horman		Michael Willis	/
	ACTODOFFEROR	15C. DATE SIGNED	108. UNITED STATES OF AMERICA	18C. DATE SIGNER
1	SHIMM	-41	11/1ala	1/3//201
-12	Same Artif Januar Scheland In sign)	7/3//20	(Signature of Contracting Officer)	1/01/001
NSN 7540				STANDARD FORM 30 (REV. 10-85) Prescribed by GSA
Previous edit	SON WASHEDD			FAR (48 CFR) 53.243

CONTINUATION OUTET	REFERENCE NO. OF DOCUMENT BEING CONTINUED D12PC00113/0018
CONTINUATION SHEET	D12PC00113/0018

PAGE OF 2

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

TEM NO. (A)	SUPPLIEB/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE	AMOUNT
(П)	(B)		(D)	(E)	(F)
	C. The attached statement of work is hereby				
	incorporated into the contract and all terms and	1			
	conditions shall have the full force and effect	1			
	as the contract. In accordance with the				
	statement of work, KBA will supply a complete data package to include drawings, documents,	l I			-
	engineering designs, Transport Canada approval	[			
	documents and any other relevant items produced				
	for this modification.				
	Payment Terms:	1			
	PP30				
	Delivery Location Code: 0009836858	1			
	ACQ Aviation		1		
	300 East Mallard Drive	1			
	Boise ID 83706 US				
	Account Assignment: K G/L Account: 6100.252L0	1			
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area:	1			
	DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center:				
	DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct				
	Assign Line: 01				
	FOB: Unknown	1			
	Add Item 00500 as follows:				
500	(b) (4) Mod				334,890
	Obligated Amount: \$334,890.00	i i			
		1			
	(b) (4) KEA shall				
	perform the (b) (4) to support the				
	NSF and the University of Texas in accordance				
	with the attached Statement of Work, titled Aircraft Modification, (b) (4)				
	(b) (1)				×
	All pay items identified in the SOW shall be			1	
	submitted on an AMD-23 and subsequently in AMS.	1			
	Items 3.1, 3.2 shall be submitted in AMS as a	1			
	special charge (SC). Item 4 shall also be	1			
	submitted in AMS and clearly identify hanger				1
	time, daily availability, flight time, and other				
	allowable costs with attached receipts.				
			1		
		·			1
7540-01-18	2-4067		-	L	OPTIONAL FORM 336 (4-65)
					Sponsored by GBA FAR (48 CFR) 58,110

- Star Kenn Borek Air Ltd.

# STATEMENT OF WORK (SOW)

# **Aircraft Modification**



With

#### Kenn Borek Air Ltd.

For

### University of Texas (GIMBLE program) & National Science Foundation (NSF)

73-1405-SOW1 Issue 2

Page 1 of 7

June 27, 2014

Kenn Borek Air Ltd.



#### 1.0 INTRODUCTION

This Statement of Work (SOW) is for the installation of U Texas supplied survey equipment on a

Costs given in this Statement of Work (SOW) are estimated based on current known scope of work, information provided, and U Texas provided list of aircraft requirements.

#### 2.0 SCOPE

The installation and Certification will consist of the Items listed in Section 3 and 4.

Should the scope of the installation change, pricing may need to be adjusted. Any change in pricing will be discussed with the customer prior to implementation.

KBA will supply engineering services, airworthiness approval, and aircraft modification for the installation.

The aircraft modifications will be completed by KBA in Calgary Alberta, Canada for the National Science Foundation (NSF).

KBA will supply the customer with a data package sufficient to prove appropriate Transport Canada approvals have been obtained for all relevant aircraft modifications and equipment installed.

#### 2.1 Item supplied by KBA

(b) (4) modified to suit U Texas equipment requirements to fly the installation previously flown on (b) (4)

Certification and installation of new components: pilot display, wing conduits.

#### 2.2 Items Supplied by U Texas

- All Survey equipment with associated hardware and cabling to arrive in Calgary
  up aircraft modifications being started to aid in aircraft modifications with
  equipment dependent details (radar antennas, equipment racks, etc.).
- Survey specific parts/materials required for equipment installation if other than standard aircraft specification – such as coax cables for radar antennas and GPS antennas, magnetometer data cable, etcetera.

#### 2.3 Flight Test and Transport Canada Certification

 A short, single flight test will be performed upon installation of all U Texas equipment in the aircraft.

#### 2.4 Schedule (Approximate, to be further defined)

- Aircraft arrives in Calgary for modifications around August 4<sup>th</sup>.
- KBA to perform modifications August through first week of September.

73-1405-SOW1 Issue 2

Page 2 of 7

June 27, 2014

- etc Kenn Borek Air Ltd.

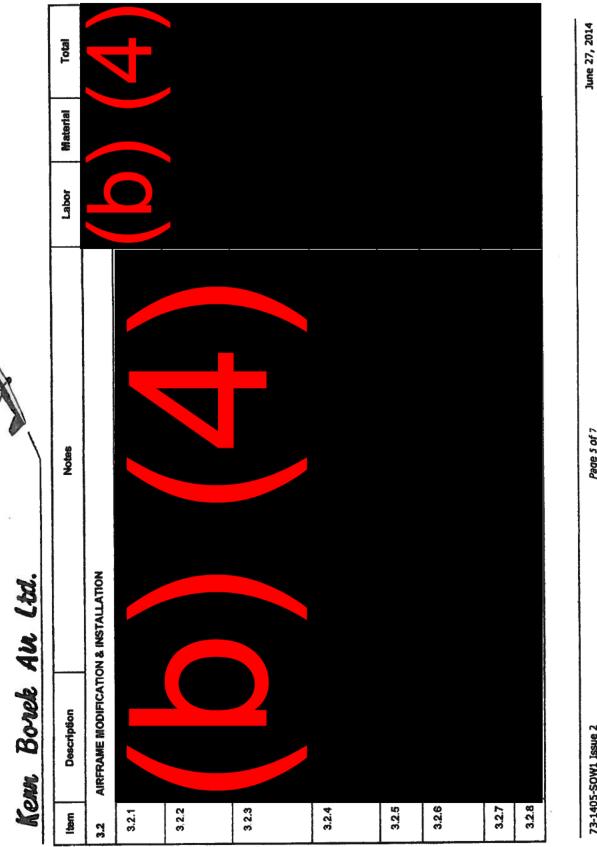
Installation/testing of equipment 2<sup>nd</sup> and 3ed weeks of September.





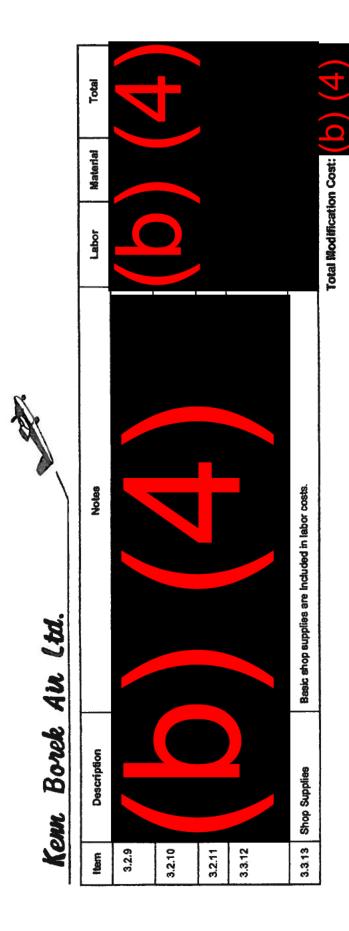
# Kenn Borek Air Ltd. 3.0 AIRFRAME MODIFICATION & EQUIPMENT INSTALLATION COSTS

ltem	Description	Notes	Labor	Material	Total
3.1	ENGINEERING				
1.1.8	Transport Canada Certification Overal Project: Inchuding items Inchuding items and excelera. end excelera.	Services performed by (b) (4) (b) (4) The cabin equipment approval will require the addition of (b) (4) to the allowed aircraft list (b) (4) The existing approvals for the wing hardpoints, anterna installation already list (b) (4) so no new certification required.			
3.1.2 3.1.5 3.1.5 3.1.6 3.1.6					
73-14	73-1405-SOW1 Issue 2	Page 4 of 7			June 27, 2014



Page 5 of 7

73-1405-SOW1 Issue 2



73-1405-SOW1 Issue 2

Page 6 of 7

Ltd.	
Air	
Borek	
Kenn	



# AIRCRAFT COSTS (OPERATIONS) **K** 0.4

ttem	Description	Location	Notes	Time	Cost
41	MODIFICATION	KBA Hangar (Calgary)	As per contract aircraft rate of (b) (4)		
24	CERTIFICATION FLIGHT TESTS	Calgary Area	As per contract aircraft rate of (D) (4) + fuel, landing and Nav fees, crew accommodations (if applicable) and per diems. Fuel Burn: (D) (4)		
3	CALIBRATION AND/OR SURVEY TEST	WEY TEST FLIGHTS			
4.3,1	4.3.1 Ground Tests	Calgary Hangar	As per contract aircraft rate of (D) (4) and fuel used if engines started.		
4.3.2	Fight Tests	Ghost Lake, Alberta (Near Calgary, generalty a location raquirement for transmitting radar frequencies)	As per contract aircraft rate of (b) (4) + fuel, landing and Nav fees, crew eccommodations (if applicable) and per diems. Fuel Burn: (b) (4)		

Total Estimated Aincraft Cost:

73-1405-SOW1 Issue 2

Page 7 of 7

AMENDMENT OF SOLICITATION/MODIFI	CATION OF CONTRACT		1. CONTRACT ID CODE	- 201	PAGE O	PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. Ri	EQUISITION/PURCHASE REQ. NO.	5. Pf		2 . (If applicable)
0019	08/28/2014	004	0177135			
6. ISSUED BY CODE	D41	7. A	DMINISTERED BY (If other than Item 6)	COD	E D41	
Interior Business Center, A	QD	DO	I, Interior Business	Center	AQD	
Division 4/ Branch 1 300 East Mallard Drive		Di	vision 4/ Branch 1			
Suite 200			0 East Mallard Drive ite 200			
Boise ID 83706			ise ID 83706			
. NAME AND ADDRESS OF CONTRACTOR (No., stre	e, county, State and ZIP Code)	-	A AMENDMENT OF SOLICITATION NO			
OREK, KENN AIR LTD		(x) <sup>8</sup>	A PAREND RENT OF SOLICITATION NO.	-		
ttn: ATTN GOVERNMENT POC		9	B. DATED (SEE ITEM 11)			
90 MCTAVISH RD NE						
ALGARY AB T2E 7G5						
		×Ë	0A. MODIFICATION OF CONTRACT/ORI 012 PC00113	DER NO,		
005			OB. DATED (SEE ITEM 13)			
ODE 0071061255	FACILITY CODE	1 1	01/05/2012			
The above numbered solicitation is amended as set	11. THIS ITEM ONLY APPLIES TO			s extended.	is not ex	
Items 8 and 15, and returning co separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an off reference to the solicitation and this amendment, and 2. ACCOUNTING AND APPROPRIATION DATA ( <i>It reg</i>	e to the solicitation and amendment num OFFERS PRIOR TO THE HOUR AND D, er already submitted, such change may b is received prior to the opening hour and	nbers. F DATE SP be made id date sp	ECIFIED MAY RESULT IN REJECTION C by telegram or letter, provided each teleg pecified	NT TO BE RE	CEIVED AT	Ву
1	Net	t Ind	crease:	\$1,45	6,596.	13
			GES SET FORTH IN ITEM 14 ARE MADE MINISTRATIVE CHANGES (such as cha ( OF FAR 43.103(b).			
C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PURSUANT TO AU	UTHOR	ITY OF			
D. OTHER (Specify type of modification	and authority					
		30 Lin	mitation of Government's O	blightio		
IMPORTANT: Contractor X is not.	is required to sign this document and				<u>.</u>	
DESCRIPTION OF AMENDMENT/MODIFICATION	Organized by UCF section headings, inc	cluding s	solicitation/contract subject matter where i	feasible )		
XED WING FLIGHT SERVICES P	ROVIDED IN SUPPORT OF	OF TH	E NATIONAL SCIENCE FO	DUNDATI	ON,	
TARCTICA and ARCTIC, 2014-						
ne purpose of this modifica	tion is as follows:					
This modification exerci	con the entire to and					
This modification exercise Contract Year 4 in accorded	ance with C25	tena	the term of the cont	cract, (	Option	Year
The rates are hereby change and attached schedule of iter	ged in accordance wit ns.	th C	31.2 Economic Price P	Adjustme	ent.	See
This modifies 1	19. al					
This modification provides ntinued	; the first installme	ent (	of funding for Contra	ict Year	4, O <sub>I</sub>	tion
cept as provided herein, all terms and conditions of the	document referenced in Item 9 A or 104	A. as her	retofore changed, remains unchanged and	d in full former	and all	
A. NAME AND TITLE OF SIGNER (Type or print)			NAME AND TITLE OF CONTRACTING O			
	CODDC		hael Willis	/		
B. CONTRACTOR OF OUT THE	ALC. DATE SIGNED	16B. U	UNITED STATES OF MUERICA		16C.	
SIGNATURE & RETURN NO	TREQUIRED		MAL		0	shelp
(Signature of person authorized to sign)			(Signature of Contracting Officer)			120/4019
N 7540-01-152-8070 vious edition unusable		1	( /	STANDARD Prescribed   FAR (48 CF	oy GSA	REV. 10-83)

M NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	(B)	(C)	(D)	(E)	(F)
A) (A) (A) (A) (A) (A) (A) (A) (		1	1	1000	1

PAGE

	FICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES					
AMENDMENTANODIFICATION NO	3 EFFECTIVE DATE	4. REQUISITION PURCHASE REQ. NO.	1 2					
020	69/04/2014	0040177956	5 PROJECT NO. (V BODELEN)					
	DE D41	7 ADMINISTERED BY MARY AND THE A						
Aterior Business Center,	AQD		IVEL IVEL					
ivision 4/ Branch 1		Division 4/ Branch 1	DOI, Interior Business Center, AQD					
00 East Mallard Drive		300 East Mallard Drive						
bise ID 83706		Suite 200						
10 02700		Boise ID 83706						
NAME AND ADDRESS OF CONTRACTOR MIL, 4	dreat oversty Shees and 22th Code1	THA AMENDMENT OF SOLICITATION NO						
DREK, KENN AIR LTD		01 WY ARRENDEEDL OF SOLICITYLICH NO						
LA: ATTN GOVERNMENT POC								
D MCTAVISH RD NE		98 DATED (SEE ITEN 11)	SB DATED (SEE /TEW 11)					
LGARY AS TZE 765								
		x 10A MODIFICATION OF CONTRACT/ORDER	NO.					
		DIEPCOVII3						
		100. DATED (SEE ITEM 13)						
0071061255	PACILITY CODE	01/05/2012						
	H. THIS ITEM ONLY APPLICA TO	DAMENDMENTS OF SOLICITATIONS						
The above mumbered scitchation is amonded as a	the location them the The locate and data and	wheel her marked at this	andrei Die and Annale					
Country and the second statement of the production	In prior to the hour and data spectred in a	we excepted and in own we behindred as to maintable w	anthrough ( a) the summation of					
esperate light of telagram which includes a referen	100 to the anticipation and anomalication	receipt of the emendment on each copy of the o	after substated ; or (c) By					
Eferition to the anticitation and the emergenced	and a second of one is to a superiord of the		Of hatter readope					
A DATA ALL ALL TOTAL TOTAL DATA TA		A Tananaa	C7 000 00					
1			67,000.00					
13. THIS ITTIL OIQY APPLIES TO	NODFICATION OF CONTRACTS/ORDE	TRB. IT MODIFIES THE CONTRACTIONDER NO. AS D	ESCREED IN FTEM 14.					
ILCK ONE A THIS CHANCE ORDER IS ISSUED								
DADER NO. IN ITEM TOA	TAL HISTORY LTC (Shech, Statious) IN	IE CHANGEB SET FORTH IN ITEM 14 ARE MADE IN T	THE CONTRACT					
B THE ABOVE NUMBERED CONTR	AT MERGER IS MODIFIED TO DECLAS							
Approximation (BRE, MR.) BET FOR	TH IN ITEM 14, PURSLAWIT TO THE AU	THE ADMINISTRATINE CMANGES (such as changes THORITY DF FAR 43.103b).	AI (MANA) SUBCO					
C THIS SUPPLEMENTAL AGREEME	NT IS ENTERED INTO PURSUANT TO	N/THOROTY OF						
X Bi.1.1 Aircraft Modifics	tions. C29 incrementally	Funded, C30 Luritation of Governme	it's dbligation					
D OTHER (Specty type of modelcare)	in and Authority!							
EPCHETANT: Contributor D'in mot	El tramutad and right of berturner at	nd ridum1 copies to the issuin						
DESCRIPTION OF AMENDAUCH UMODIFICATION	N (Orpanized by UCP sector headings &	The second and a start water water and an and						
TTD WIND THYONI SERVICES	PROVINED IN SUPPORT (	OF THE NATIONAL SCIENCE FOUN	DATION.					
PARCTICA and ARCTIC, 2014	-2015.							
sson for Medification : Se	upplemental Agreement	for work within scope.						
Add Line item 520, DHC-0	5 Twin Otter Antarcti	ca Mapping Project, Aircraf	t modification.					
Funding for this modifie	cation in the amount	of \$67,000, IAA-1156664, NC	ALM Project					
ig 7 u d								
ment Terms:								
10								
ivery Location Code: 0003	1836859							
tinuød								
pi es provided harain, al terras and conditions of th	he document returning in them 0 A or 10	A, as heretologe changed, nervers unchanged and in t	the state of the state of the state is the state is the state is the state is the state of the s					
NAME AND TITLE OF SIGNER (7) pp or print		16A HAVE AND TITLE OF CONTRACTING OFFIC	ER (Type or bong					
	A ARAMALIA	Michael Willis						
IAN CROCKER, OPPRATION	O / NAMOET							
AN CROCKER, OPPRATION	LSC. DATE BIGNED	161 UNITED STATES OF MERICA	10C. DATE AUGUNT					
	15C. DATE BIGNED		10C. DATE RIGHED					
	and the second se		106. DATE &ICHED 9/12/2019					

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	AMOUNT (F)
	ACQ Aviation 300 East Mallard Drive Boise ID 83706 US			(
	Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct Assign Line: 01			
	FOB: Destination Period of Performance: 09/01/2014 to 08/31/2015			
	Add Item 00520 as follows:			
00520	Aircraft Modification - NCALM Project Antarctica Obligated Amount: \$67,000.00		55	67,000.0
	DHC-6 Twin Otter Antarctica Mapping Project, Aircraft modification. KBA shall perform the NCALM installation in support of National Center for Airborne Laser Mapping and the NSF in accordance with the attached Statement of Work.			
	All pay items identified in the SOW shall be submitted on an AMD-23 and subsequently in AMS. Items 3.1, 3.3 shall be submitted in AMS as a special charge (SC). Item 4 shall also be submitted in AMS and clearly identify hanger time, daily availability, flight time, and other allowable costs with attached receipts			

# STATEMENT OF WORK (SOW)

- State

# Aircraft Modification Contract D12PC00113

# DHC-6 TWIN OTTER Antarctic Mapping Project

With

Kenn Borek Air Ltd.

For

# National Center for Airborne Laser Mapping (NCALM)

&

# National Science Foundation (NSF)





#### 1.0 INTRODUCTION

This Statement of Work (SOW) is for the installation of the NCALM supplied equipment on a Kenn Borek Air DHC-6 Twin Otter. Installation will be applicable and transferable to any KBA DHC-6 Twin Otter with a camera port under contract to the NSF.

Kenn Borek Air Ltd. (KBA) will supply engineering services, airworthiness approval, aircraft modification, and equipment installation for the complete installation.

The aircraft modifications will be completed by KBA at our facility in Calgary Alberta, Canada for the National Science Foundation (NSF).

Costs given in this Statement of Work (SOW) are estimated based on current known scope of work and information provided.

Should the scope of the installation change, pricing may need to be adjusted. Any change in pricing will be discussed with the Contracting Officer prior to implementation.

KBA will supply the customer with a data package sufficient to prove appropriate Transport Canada approvals have been obtained for all relevant aircraft modifications and equipment installed.

#### 2.0 SCOPE

The installation and Certification will consist of the following items:

- 2 camera port mounted LIDAR systems to be certified one primary system, and one backup system. Only one to be installed at any given time. Includes 1 equipment rack in cabin.
- Certification Flight Testing (EMI only no external components, aerodynamic not required).

#### 2.1 Items Supplied by NCALM

- All survey specific equipment, sensors, antennas, cabling, and racks.
- Any power condition equipment required (b) (4)
- Engineering support of the installation to aid in the Transport Canada certification process. Examples would be radiated frequencies, component descriptions, etc.

#### 2.2 Items Supplied by Kenn Borek Air

- DHC-6 Twin Otter aircraft with camera port and O
- Equipment interface mounts (for camera port sensor and cabin equipment).
- Personnel as required to install equipment and/or modify aircraft.
- Certification approval of equipment installation and Certification Flight Testing.

#### 2.3 Flight Testing & Certification

 Flight Testing scope will be a routine 2-3hr flight to confirm EMI characteristics and interactions between survey equipment and the aircraft nav/comm systems. No effects are anticipated but must be confirmed by a flight.

#### 2.4 Schedule

• Begin installation on or about September 10, 2014.

Kenn Borek Air Ltd.

# 3.0 **AIRFRAME MODIFICATION & EQUIPMENT INSTALLATION COSTS**

3.1 Stem	Description ENGINEERING	Notes	Labor	Material	Total
3.1.1	Transport Canada Certification	Services performed by KBA (b) (4) Estimate is based past projects of similar scope to that currently defined. Scope includes all Certification Engineering associated with obtaining a Transport Canada approval.			1
3.1.2	Drafting/Design	Installation drawing package for Transport Canada review and approval. Consists of generating drawings for cabin layout, cabin-mounted survey equipment, GPS Antenna(s), etcetera.			
3.1.3	Project Coordination	Liaison between KBA, customer, Transport Canada (LIDAR permits for flight testing), and other project related activities.			
3.2	AIRFRAME MODIFICATION	ATION			
3.2.1	None Anticipated				
3.3	EQUIPMENT INSTALLATION	LATION			
3.3.1					
3.3.2					
3.3.5					

76-1401-SOW1 Issue 1

May 29, 2014

Page 4 of 4



P

	ion Cost:	<b>Total Modification Cost:</b>	10		
			applies Basic shop supplies are included in labor costs.	3.3.7 Shop Supplies	3.3.7
				<b>b</b>	3.3.6
Total	Material	Labor	Description Notes	Des	Item

# 4.0 AIRCRAFT COSTS (OPERATIONS)

	Total Estimated Aircraft Cost:	Total Esti			
		As per contract aircraft rate of (D) (4) + fuel, landing and Nav fees, crew accommodations (if applicable), and per diems. Fuel Bum: (D) (4)	Calgary Hangar and Ghost Lake, Alberta (Near Calgary, generally a location requirement if transmitting light or radar)	Ground / Flight Tests	4.3.2
			CALIBRATION AND/OR SURVEY TEST FLIGHTS	CALIBRATION AND	4.3
		As per contract aircraft rate of (D) (4) + fuel, landing and Nav fees, crew accommodations (if applicable), and per diems. Fuel Burn (D) (4)	Calgary Area	CERTIFICATION FLIGHT TESTS	4.2
		As per contract aircraft rate of (0) (4)	KBA Hangar	MODIFICATION	4.1 =
Cost	Time	Notes	Location	Description	Item

# **TABLE OF CONTENTS**

A1	SCHEDULE OF ITEMS	4
A2	CONTRACTOR'S OPERATING BASES / DELIVERY POINTS	7

B1 GENERAL REQUIREMENTS	
B2 OPERATIONS	
B3 PERSONNEL REQUIREMENTS	
B4 AIRCRAFT REQUIREMENTS	
B5 AVIONICS REQUIREMENTS	
B6 MAINTENANCE REQUIREMENTS	43
<b>B7 FUEL AND SERVICING REQUIREMENTS</b>	45
<b>B8 CONSERVATION OF ANTARCTIC ANIMALS AND PLANTS</b>	
<b>B9 ANTARCTIC WASTE MANAGEMENT</b>	
B10 ANTARCTIC METEORITES	
B11 REQUIRED MEETINGS	
B12 POST AWARD CONFERENCE	
B13 PACKAGING AND SHIPPING	
B14 SHIPPING TO McMURDO STATION, ANTARCTICA	50
C1 CONTRACT TERMS AND CONDITIONS – COMMERCIAL ITEMS . C2 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMI	
EXECUTIVE ORDERS – COMMERCIAL ITEMS	54
ADDENDA TO CONTRACT TERMS AND CONDITIONS	
C3 INSPECTIONS / ACCEPTANCE	57
C4 DESIGNATED BASES	59
C5 EXCLUSIVE USE PERIOD	59
C6 UNAVAILABILITY, DAMAGES, AND FAILURE TO PERFORM	60
C7 MEASUREMENT, PAYMENT AND GUARANTEE	60
C8 GOVERNMENT-FURNISHED PROPERTY	61
C9 GOVERNMENT-FURNISHED OFFICE SPACE, FURNISHINGS AND	SERVICES62
C10 AFTER-OPERATIONS REPORT	63
C11 CONTRACTOR DATA REQUIREMENTS	64
C12 FAR CLAUSES INCORPORATED BY REFERENCE	
C13 CONTRACTS	65
C14 AUTHORITY OF GOVERNMENT PERSONNEL	65
Contract D12PC00113 Mod 20 EPA Rate Revision- NSF 2	10/8//2014

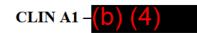
# **TABLE OF CONTENTS**

C15 CONTRACTOR'S ON-SITE MANAGER
C16 CHOICE OF LAW
C17 SAFETY AND ACCIDENT PREVENTION
C18 MISHAPS
C19 REPLACEMENT OF PERSONNEL - CONTRACTOR PERSONNEL CONDUCT
C20 BILLING AND PAYMENT REQUIREMENTS
C21 HOLIDAYS AND LEAVE
C22 PERSONNEL SECURITY REQUIREMENTS
C23 MEDICAL AND DENTAL QUALIFICATION OF CONTRACTOR PERSONNEL
C24 CONTRACT PERIOD
C25 OPTION TO EXTEND THE TERM OF THE CONTRACT
C26 OPTION TO EXTEND SERVICES
C27 UNILATERAL EXTENSION OF EXCLUSIVE USE PERIOD
C28 AVAILABILITY OF FUNDS
C29 INCREMENTALLY-FUNDED FIXED-PRICE CONTRACT
C30 LIMITATION OF GOVERNMENT'S OBLIGATION (
C31 INSURANCE AND ECONOMIC PRICE ADJUSTMENT
C32 ADDITIONAL PAY ITEMS
C33 NOTICE OF CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM 76
C34 IDENTIFICATION OF CONTRACT EXHIBITS AND ATTACHMENTS

# A1 SCHEDULE OF ITEMS

#### SCHEDULE A - CONTRACT LINE ITEM NUMBERS (A-CLINs)

(b) (4)



#### DESCRIPTION

Designated Base:

All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

(b) (4) Aircraft will be ordered each year beginning on or about 15 Oct each year and ending on or about February 15 the following year.

Aircraft Requirement:

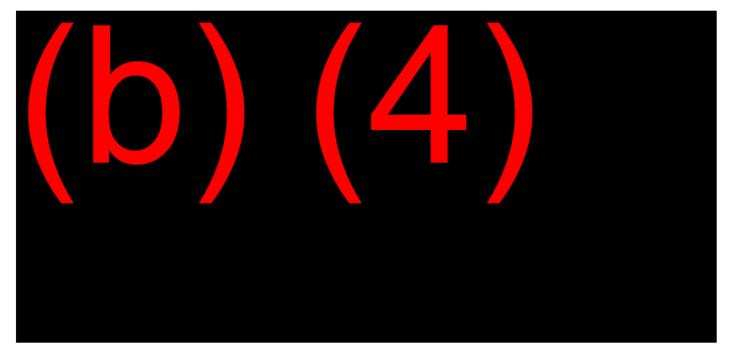
Exclusive Use Period:

equipped as specified in Section B.

Crew Requirements:

One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

#### Minimum Aircraft Requirements



#### **CLIN A1 PRICING YEAR 1**

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.aa	Daily Availability	AV	(b) (4)	DAYS		
A1.ab	Flight Hours	FT		FLIGHT HOURS		
A1.ac	Additional Days – Availability	AV		DAYS		
A1.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012

\*Can be ordered-up in one day increments, in accordance with paragraph C27. Contract D12PC00113 Mod 20 EPA Rate Revision- NSF 4

YEAR	2					
CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	OUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ba	Daily Availability	AV	(b) (4)	DAYS		
A1.bb	Flight Hours	FT		FLIGHT HOURS		
A1.bc	Additional Days – Availability	AV		DAYS		
A1.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

YEAR	3					
<b>CT D</b>	DESCRIPTION	PAY ITEM				EXTENDED AMOUNT
CLIN	2013-2014 Field Season	CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ca	Daily Availability	AV	(b) (4)	DAYS		
A1.cb	Flight Hours	FT		FLIGHT HOURS		
A1.cc	Additional Days – Availability	AV		DAYS		
				LUMP		
A1.cd	Mobilization to McMurdo Station	SC		SUM		
	Demobilization from McMurdo			LUMP		
A1.ce	Station	SC		SUM		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

YEAR	4					
CLINA	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.da	Daily Availability	AV	(b) (4)	DAYS		
A1.db	Flight Hours	FT		FLIGHT HOURS		
A1.dc	Additional Days – Availability	AV		DAYS		
A1.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.de	Demobilization from McMurdo Station	SC		LUMP SUM		

# **OPTION YEAR 3 - ESTIMATED TOTAL 2015**

YEAR	5				-	
CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ea	Daily Availability	AV	(b) (4)	DAYS		
A1.eb	Flight Hours	FT		FLIGHT HOURS		
A1.ec	Additional Days – Availability	AV		DAYS		
A1.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A1

# CLIN A2 - (b) (4)

#### DESCRIPTION

Designated Base:All equipment, facilities, and personnel required under this contract shall be delivered<br/>to and removed from McMurdo Station, AntarcticaExclusive Use Period:(b) (4)Aircraft will be ordered each year between the<br/>dates of 15 Oct and 15 Feb the following year.Aircraft Requirement:(b) (4)equipped as specified in Section B.Crew Requirements:One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1)

Mechanic.

#### Minimum Aircraft Requirements



#### CLIN A2 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.aa	Daily Availability	AV	(b) (4)	DAYS		
A2.ab	Flight Hours	FT		FLIGHT HOURS		
A2.ac	Additional Days – Availability	AV		DAYS		
A2.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	OUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ba	Daily Availability	AV	(b) (4)	DAYS		
A2.bb	Flight Hours	FT		FLIGHT HOURS		
A2.bc	Additional Days – Availability	AV		DAYS		
A2.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ca	Daily Availability	AV	(b) (4)	DAYS		
A2.cb	Flight Hours	FT		FLIGHT HOURS		
A2.cc	Additional Days – Availability	AV		DAYS		
A2.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

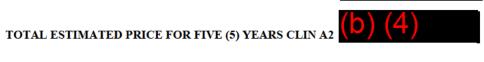
**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.da	Daily Availability	AV	(b) (4)	DAYS		
A2.db	Flight Hours	FT		FLIGHT HOURS		
A2.dc	Additional Days – Availability	AV		DAYS		
A2.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.de	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 3 – ESTIMATED TOTAL 2015** 

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ea	Daily Availability	AV	(b) (4)	DAYS		
A2.eb	Flight Hours	FT		FLIGHT HOURS		
A2.ec	Additional Days – Availability	AV		DAYS		
A2.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 





#### DESCRIPTION

 Designated Base:
 All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

 Exclusive Use Period:
 (b) (4)

 Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following mean. Additional Days can be ordered up

(b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year. Additional Days can be ordered-up in one-day increments.



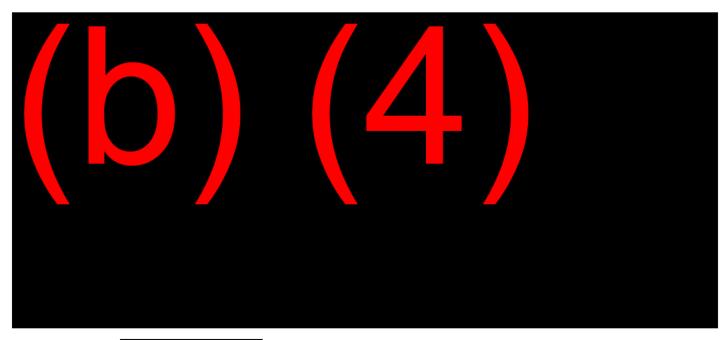
equipped as specified in Section B.

One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One Mechanic.

#### Minimum Aircraft Requirements

Aircraft Requirement:

Crew Requirements:



# CLIN A3 PRICING (b) (4

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.aa	Daily Availability	AV	(b) (4)	DAYS		
A3.ab	Flight Hours	FT		FLIGHT HOURS		
A3.ac	Additional Days – Availability	AV		DAYS		
A3.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ba	Daily Availability	AV	(b) (4)	DAYS		
A3.bb	Flight Hours	FT		FLIGHT HOURS		
A3.bc	Additional Days - Availability	AV		DAYS		
A3.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION *2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ca	Daily Availability	AV	(b) (4)	DAYS		
A3.cb	Flight Hours	FT		FLIGHT HOURS		
A3.cc	Additional Days - Availability	AV		DAYS		
A3.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.da	Daily Availability	AV	(b) (4)	DAYS		
A3.db	Flight Hours	FT	(/	FLIGHT HOURS		
A3.dc	Additional Days - Availability	AV		DAYS		
A3.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.de	Demobilization from McMurdo Station	SC		LUMP SUM		

		0	PTION YEAR 3	- ESTIMAT	ED TOTAL 2015	
CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ea	Daily Availability	AV	(b) (4)	DAYS		
A3.eb	Flight Hours	FT		FLIGHT HOURS		
A3.ec	Additional Days - Availability	AV		DAYS		
A3.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 

# TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A3



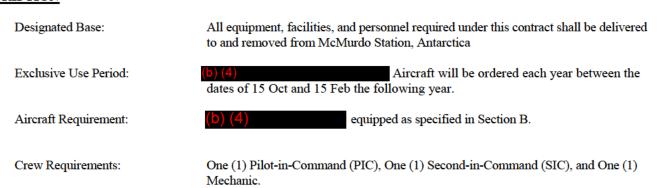
(4)

 $\left( \begin{array}{c} 0 \end{array} \right)$ 

# DESCRIPTION

CLIN A4 -(b)

(4)



#### Minimum Aircraft Requirements



#### CLIN A4 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.aa	Daily Availability	AV	(b) (4)	DAYS		
A4.ab	Flight Hours	FT		FLIGHT HOURS		
A4.ac	Additional Days - Availability	AV		DAYS		
A4.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ba	Daily Availability	AV	(b) (4)	DAYS		
A4.bb	Flight Hours	FT		FLIGHT HOURS		
A4.bc	Additional Days - Availability	AV		DAYS		
A4.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ca	Daily Availability	AV	(b) (4)	DAYS		
A4.cb	Flight Hours	FT		FLIGHT HOURS		
A4.cc	Additional Days - Availability	AV		DAYS		
A4.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.da	Daily Availability	AV	(b) (4)	DAYS		
A4.db	Flight Hours	FT		FLIGHT HOURS		
A4.dc	Additional Days - Availability	AV		DAYS		
A4.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.de	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 3 – ESTIMATED TOTAL 2015** 

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ea	Daily Availability	AV	(b) (4)	DAYS		
A4.eb	Flight Hours	FT		FLIGHT HOURS		
A4.ec	Additional Days - Availability	AV		DAYS		
A4.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 4 - ESTIMATED TOTAL 2016** 

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A4 (b) (4)

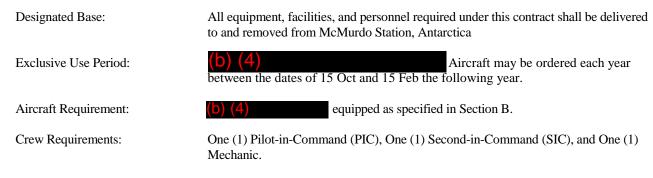
CLIN A5 - (b) (4)

SECTION A – REQUIREMENTS AND PRICING - "ON CALL"

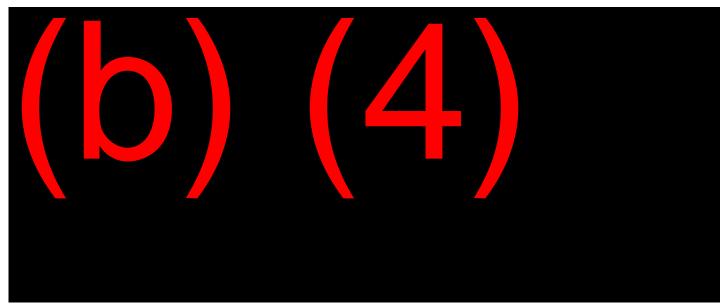
#### **DESCRIPTION**

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.



#### **Minimum Aircraft Requirements**



CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.aa	Daily Availability	AV	(b) (4)	DAYS		
A5.ab	Flight Hours	FT		FLIGHT HOURS		
A5.ac	Additional Days - Availability	AV		DAYS		
A5.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ba	Daily Availability	AV	(b) (4)	DAYS		
A5.bb	Flight Hours	FT		FLIGHT HOURS		
A5.bc	Additional Days - Availability	AV		DAYS		
A5.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ca	Daily Availability	AV	(b) (4)	DAYS		
A5.cb	Flight Hours	FT		FLIGHT HOURS		
A5.cc	Additional Days - Availability	AV		DAYS		
A5.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.da	Daily Availability	AV	(b) (4)	DAYS		
A5.db	Flight Hours	FT		FLIGHT HOURS		
A5.dc	Additional Days - Availability	AV		DAYS		
A5.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.de	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 3 – ESTIMATED TOTAL 2015** 

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT	
A5.ea	Daily Availability	AV	(b) (4)	DAYS			
A5.eb	Flight Hours	FT	()	FLIGHT HOURS			
A5.ec	Additional Days - Availability	AV		DAYS			
A5.ed	Mobilization to McMurdo Station	SC		LUMP SUM			
A5.ee	Demobilization from McMurdo Station	SC		LUMP SUM			
<b>OPTION YEAR 4 – ESTIMATED TOTAL 2016</b>							

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C5

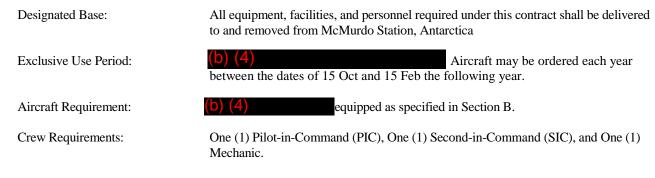
SECTION A – REQUIREMENTS AND PRICING - "ON CALL"



#### **DESCRIPTION**

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.



#### Minimum Aircraft Requirements



CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.aa	Daily Availability	AV	(b) (4)	DAYS		
A6.ab	Flight Hours	FT		FLIGHT HOURS		
A6.ac	Additional Days - Availability	AV		DAYS		
A6.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ae	Demobilization from McMurdo Station	SC		LUMP SUM		_

BASE YEAR - ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ba	Daily Availability	AV	(b) (4)	DAYS		
A6.bb	Flight Hours	FT	\ / \ - /	FLIGHT HOURS		
A6.bc	Additional Days - Availability	AV		DAYS		
A6.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ca	Daily Availability	AV	(b) (4)	DAYS		
A6.cb	Flight Hours	FT	( / ( - /	FLIGHT HOURS		
A6.cc	Additional Days - Availability	AV		DAYS		
A6.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** PAY ITEM CODE QUANTITY UNIT UNIT PRICE EXTENDED AMOUNT 

CLIN	2014-2015 Field Season	CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.da	Daily Availability	AV	(b) (4)	DAYS		
A6.db	Flight Hours	FT		FLIGHT HOURS		
A6.dc	Additional Days - Availability	AV		DAYS		
A6.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.de	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 3 – ESTIMATED TOTAL 2015** 



DESCRIPTION

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ea	Daily Availability	AV	(b) (4)	DAYS		
A6.eb	Flight Hours	FT		FLIGHT HOURS		
A6.ec	Additional Days - Availability	AV		DAYS		
A6.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ee	Demobilization from McMurdo Station	SC		LUMP SUM		
			OPTION YEAR	4 – ESTIMA	TED TOTAL 2016	

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C6

# CLIN A7 - (b) (4) "ON CALL" – Mutual Agreement

#### DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft. The Contractor may accept orders for service when orders have been issued for services. Acceptance of orders placed shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein. The Government and Contractor agree that (b) (4) being used under other contracts in the Antarctic may be utilized as available under this contract and the rates for aircraft ordered under these situations shall be negotiated at the time of order.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

Designated Base:	All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
Exclusive Use Period:	(b) (4) beginning on or about 15 October each year and ending on or about 12 Feb the following year.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.





CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT			
A7.aa	Daily Availability	AV	(b) (4)	DAYS					
A7.ab	Flight Hours	FT		FLIGHT HOURS					
A7.ac	Additional Days - Availability	AV		DAYS					
A7.ad	Mobilization to McMurdo Station	SC		LUMP SUM					
A7.ae	Demobilization from McMurdo Station	SC		LUMP SUM					
A7.af	Daily Availability () (4)	AV		DAYS					
A7.ag	Daily Availability	AV		DAYS					
	BASE YEAR – ESTIMATED TOTAL 2012								

			BASE YE	AK – ESTIMA	ATED TOTAL 2012	
CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ba	Daily Availability	AV	(b) (4)	DAYS		
A7.bb	Flight Hours	FT		FLIGHT HOURS		
A7.bc	Additional Days - Availability	AV		DAYS		
A7.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.be	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.bf	Daily Availability	AV		DAYS		
A7.bg	Daily Availability	AV		DAYS		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ca	Daily Availability	AV	(b) (4)	DAYS		
A7.cb	Flight Hours	FT	( / ( - /	FLIGHT HOURS		
A7.cc	Additional Days - Availability	AV		DAYS		
A7.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.cf	Daily Availability (b) (4)	AV		DAYS		
A7.cg	Daily Availability	AV		DAYS		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

	SECTION A - REQUIREMENTS AND I RICHNO								
CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT			
A7.da	Daily Availability	AV	(b) (4)	DAYS					
A7.db	Flight Hours	FT		FLIGHT HOURS					
A7.dc	Additional Days - Availability	AV		DAYS					
A7.dd	Mobilization to McMurdo Station	SC		LUMP SUM					
A7.de	Demobilization from McMurdo Station	SC		LUMP SUM					
A7.df	Daily Availability (b) (4)	AV		DAYS					
A7.dg	Daily Availability	AV		DAYS					
	OPTION YEAR 3 – ESTIMATED TOTAL 2015								
CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT			
A7.ea	Daily Availability	AV	(b) (4)	DAYS					
A7.eb	Flight Hours	FT		FLIGHT HOURS					
A7.ec	Additional Days - Availability	AV		DAYS					
A7.ed	Mobilization to McMurdo Station	SC		LUMP SUM					
A7.ee	Demobilization from McMurdo Station	SC		LUMP SUM					
A7.ef	Daily Availability (b) (4)	AV		DAYS					
A7.eg	Daily Availability	AV		DAYS					
	OPTION YEAR 4 – ESTIMATED TOTAL 2016								
	TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A7								

#### SCHEDULE A - CONTRACT LINE ITEM NUMBERS (CLINs 8-15)

Additional Personnel – Fixed rate for additional personnel. The Government may require the Contractor to deploy cargo handlers, flight crews, mechanics, and apprentice mechanics to supplement operational capabilities, or some other purpose. The Contracting Officer may order additional work in a minimum quantity of one (1) individual for one (1) day at <u>anytime</u> during the term of this contract by giving written notice to the contractor at least ten (10) days prior to the date the additional work is required. The Contracting Officer may make multiple orders. The Government will provide air transportation between the Contractor's home base or other location, and Antarctica. The Government will reimburse the Contractor at cost for lodging and per diem expenses while in transit. This shall be a unilateral action on the part of the Government.



		PAY ITEM CODE	OUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT			
CLIN A8.aa	DESCRIPTION (9/01-8/31) 2011 Additional (b) (4) Crew	P01	(b) (4)	DAYS					
A8.ab	2012 Additional Flight Crew	P01		DAYS					
A8.ac	2013 Additional Flight Crew	P01		DAYS					
A8.ad	2014 Additional Flight Crew	P01		DAYS					
A8.ae	2015 Additional Flight Crew	P01		DAYS					
ADDIT	ADDITIONAL FLIGHT CREWS (b) (4) - ESTIMATED TOTAL 5 YEARS ADDITIONAL FLIGHT CREW (b) (4) AIRCRAFT (2 person crew PIC/SIC)								
		PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT			
CLIN A9.aa	DESCRIPTION (9/01-8/31) 2011 Additional Flight Crew	P01	(b) (4)	DAYS					
A9.ab	2012 Additional Flight Crew	P01		DAYS					
A9.ac	2013 Additional Flight Crew	P01		DAYS					
A9.ad	2014 Additional Flight Crew	P01		DAYS					
	right citw								
A9.ae	2015 Additional Flight Crew	P01		DAYS					

#### ADDITIONAL MECHANIC

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A10.aa	2011 Mechanic	МС	(b) (4)	DAYS		
A10.ab	2012 Mechanic	MC		DAYS		
A10.ac	2013 Mechanic	МС		DAYS		
A10.ad	2014 Mechanic	МС		DAYS		
A10.ae	2015 Mechanic	МС		DAYS		
					TOTAL 5 VEADS	

MECHANICS - ESTIMATED TOTAL 5 YEARS

#### APPRENTICE MECHANIC

A11.aa2011 Apprentice MechanicMC(b) (4)DAYSA11.ab2012 Apprentice MechanicMCDAYSA11.ac2013 Apprentice MechanicMCDAYSA11.ad2014 Apprentice MechanicMCDAYSA11.ae2015 Apprentice MechanicMCDAYS	CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A11.ac     2013 Apprentice Mechanic     MC     DAYS       A11.ad     2014 Apprentice Mechanic     MC     DAYS	A11.aa	2011 Apprentice Mechanic	МС	(b) (4)	DAYS		
A11.ad     2014 Apprentice Mechanic     MC     DAYS	A11.ab	2012 Apprentice Mechanic	МС		DAYS		
	A11.ac	2013 Apprentice Mechanic	МС		DAYS		
A11.ae2015 Apprentice MechanicMCDAYS	A11.ad	2014 Apprentice Mechanic	МС		DAYS		
	A11.ae	2015 Apprentice Mechanic	МС		DAYS		

APPRENTICE MECHANICS – ESTIMATED TOTAL 5 YEARS

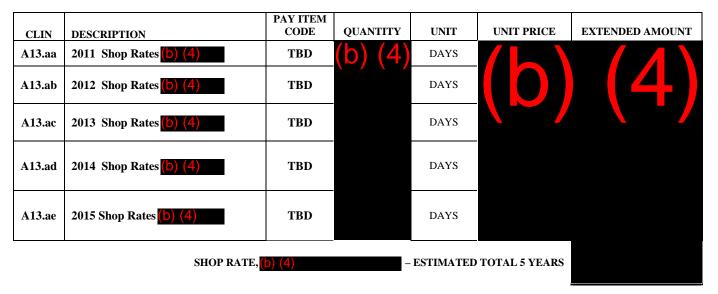
# CARGO HANDLER

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A12.aa	2011 Cargo Handler	P50	(b) (4)	DAYS		
A12.ab	2012 Cargo Handler	P50		DAYS		
A12.ac	2013 Cargo Handler	P50		DAYS		
A12.ad	2014 Cargo Handler	P50		DAYS		
A12.ae	2015 Cargo Handler	P50		DAYS		

CARGO HANDLERS – ESTIMATED TOTAL 5 YEARS

**Shop Rates for Aircraft in Maintenance -** The following rates shall be used for shop time when the Government requires modifications to the airframe and the contractor is required to ground the aircraft from flight to work on the modification to the aircraft. These rates will be used for all quotes for work to be completed on the aircraft during the performance of the contract.





# SHOP RATE FOR (b) (4) AIRCRAFT

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A14.aa	2011 Shop Rates (b) (4)	TBD	(b) (4)	DAYS		
A14.ab	2012 Shop Rates (b) (4)	TBD		DAYS		
A14.ac	2013 Shop Rates (b) (4)	TBD		DAYS		
A14.ad	2014 Shop Rates (b) (4)	TBD		DAYS		
A14.ae	2015 Shop Rates (b) (4)	TBD		DAYS		
	SHOP RATE, (b)	– ESTIMATED	TOTAL 5 YEARS			

# **SCHEDULE A - ARCTIC POLAR REGIONS**

#### CLIN 15-(b) (4)

- Arctic and Polar Regions

#### **DESCRIPTION**

All airplanes required by this contract line item are referred to as *On Call* aircraft *with no guaranteed use*. The Contractor must accept orders for service when orders have been issued at least seven (7) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein.

For work performed in the Arctic, the delivery point will be specified on each order and is generally anticipated to be the Contractor's home base. All costs necessary to move the items to the delivery point, and prepare them for shipment are the Contractor's responsibility. The Contractor is responsible for redeploying all aircraft and other items required for contract performance to its home base or other location. Costs necessary to prepare the items for shipment, and return them to the Contractor's home base are the Contractor's responsibility. For work performed in the Arctic, aircraft will be released from service at the location specified on each order, generally expected to be the Contractor's home base. The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

Days of unavailability will be counted towards the guaranteed days of availability under this CLIN. In addition, failure of the Contractor to provide an aircraft under this CLIN for the Arctic work when ordered in accordance with the above timelines, will result in loss of guaranteed availability for the period of work that was ordered.

Designated Base:	Determined by each order
Exclusive Use Period:	Off season of Antarctic Aircraft. The Contractor may use Antarctic aircraft to support this Item.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

#### **Minimum Aircraft Requirements**



# Section A--Requirements and Prices

		PAY ITEM						
CLIN	DESCRIPTION	CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
<b>15.</b> aa	Daily Availability	AV	(b) (4)	DAYS	(h) (a)	1)		
15.ab	Flight Hours	FT		FLIGHT HOURS		<b>T</b> /		
CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
15.ba	Daily Availability	AV	(b) (4)	DAYS	(h)	$(\mathbf{A})$		
15.bb	Flight Hours	FT		FLIGHT HOURS				
		C	PTION YEAR 1	- ESTIMAT	ED TOTAL 2013			
CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
15.ca	Daily Availability	AV	(b) (4)	DAYS	(h)	$(\mathbf{A})$		
15.cb	Flight Hours	FT		FLIGHT HOURS				
		C	PTION YEAR 2	- ESTIMAT	ED TOTAL 2014			
CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
15.da	Daily Availability	AV	(b) (4)	DAYS	(h) ()	1)		
15.db	Flight Hours	FT		FLIGHT HOURS		<b>T</b> )		
		C	PTION YEAR 3	- ESTIMAT	ED TOTAL 2015			
CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
15.ea	Daily Availability	AV	(b) (4)	DAYS	(h) (			
15.eb	Flight Hours	FT		FLIGHT HOURS		<b>T</b> /		
	OPTION YEAR 4 – ESTIMATED TOTAL 2016							
	TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN 15							

#### CLIN 16-(b) (4)

#### - Arctic and Polar Regions

#### **DESCRIPTION**

All airplanes required by this contract line item are referred to as *On Call* aircraft *with no guaranteed use*. The Contractor must accept orders for service when orders have been issued at least seven (7) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein.

For work performed in the Arctic, the delivery point will be specified on each order and is generally anticipated to be the Contractor's home base. All costs necessary to move the items to the delivery point, and prepare them for shipment are the Contractor's responsibility. The Contractor is responsible for redeploying all aircraft and other items required for contract performance to its home base or other location. Costs necessary to prepare the items for shipment, and return them to the Contractor's home base are the Contractor's responsibility. For work performed in the Arctic, aircraft will be released from service at the location specified on each order, generally expected to be the Contractor's home base. The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

Days of unavailability will be counted towards the guaranteed days of availability under this CLIN. In addition, failure of the Contractor to provide an aircraft under this CLIN for the Arctic work when ordered in accordance with the above timelines, will result in loss of guaranteed availability for the period of work that was ordered.

#### **DESCRIPTION**

Designated Base:	Determined by each order				
Exclusive Use Period:	Off season of Antarctic Aircraft. The Contractor may use Antarctic aircraft to support this Item.				
Aircraft Requirement:	(b) (4) equipped as specified in Section B.				
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.				
Alinene ft De entirente					

#### Minimum Aircraft Requirements



Contract D12PC00113 Mod 19 EPA- NSF

#### Section A--Requirements and Prices

#### CLIN A16 PRICING

CLIN	DESCRIPTION 2013-2014 Arctic Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A16.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	( <b>4</b> )
A16.bb	Flight Hours	FT		FLIGHT HOURS		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION 2014-2015 Arctic Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A16.ca	Daily Availability	AV	(b) (4)	DAYS	(h)	( <b>4</b> )
A16.cb	Flight Hours	FT		FLIGHT HOURS		

**OPTION YEAR 3 – ESTIMATED TOTAL 2015** 

CLIN	DESCRIPTION 2015-2016 Arctic Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A16.da	Daily Availability	AV	(b) (4)	DAYS	(h)	$(\mathbf{A})$
A16.db	Flight Hours	FT		FLIGHT HOURS		

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 

TOTAL ESTIMATED PRICE FOR THREE (3) YEARS CLIN A16 (b) (4)



TOTAL ESTIMATED VALUE OF THE CLINS A1-16

# A2 CONTRACTOR'S OPERATING BASES / DELIVERY POINTS

All aircraft required for CLINs 1-7 shall be delivered to the Government in accordance with the provisions in Section B of this contract. The delivery point and release point shall be McMurdo Station, Antarctica, unless otherwise specified by the Contracting Officer.

Replacement parts, materials and other consumables destined for McMurdo Station and other locations in Antarctica, not carried onboard the Contractor's aircraft, will be transported by the Government via the USAP's logistics system from Point Hueneme, CA. All costs necessary to prepare and move these items to Point Hueneme are the Contractor's responsibility. The Government will transport items not carried on-board the Contractor's aircraft that are redeployed from Antarctica to the Contractor home base via the USAP's logistics system to Point Hueneme. All costs necessary to prepare and move these items from Point Hueneme are the Contractor's responsibility. Transportation will be provided by either air or surface vessel.

# **B1 GENERAL REQUIREMENTS**

#### **B1.1** Scope of Contract

#### B1.1.1 Intent

The intent of this contract is to obtain flight services utilizing fully-functional aircraft equipped to meet specifications, operated and maintained by qualified personnel, for the National Science Foundation (NSF) in support of the research activities of the United States Antarctic Program (USAP), and NSF's Arctic Program. The primary role for the aircraft in both theaters of operation will be for utility transportation services, ferrying personnel and materials to remote, often unprepared, field locations. Periodically, at least one of the aircraft will be configured with a downward-looking port, wing hard-points and in-wing cable raceways to allow the aircraft to be used for remote sensing activities to include aerogeophysical surveys, aerial photography, light detection and ranging (LIDAR) and remote digital mapping, and the operation of ice-penetrating radar systems. The Contractor will be required to modify contract aircraft to meet the needs of the program. Modifications will be requested at various levels from simple modifications to major modifications.

#### B1.1.1.1 United States Antarctic Program

NSF is the executive agency for the USAP. The USAP is this nation's national program of scientific research in Antarctica, and includes the activities of NSF and other U.S. Government agencies, including NASA and NOAA. As the executive agent for the USAP, NSF also has cooperative agreements with other foreign nations and will dispatch aircraft under this contract for cooperative use. The type of services required to be performed include, but are not limited to, transportation of personnel and cargo in support of the scientific projects, related administrative and infrastructural activities, and Search and Rescue (SAR), as directed by the NSF.

#### B1.1.1.2 National Science Foundation's Arctic Program

NSF is one of many U.S. Government agencies conducting scientific research in the Arctic regions. NSF-sponsored researchers have conducted research activities in Alaska, Canada, Greenland, Russia, and within Scandinavia, often in cooperation with institutions and researchers located in the aforementioned countries and regions. The types of services required include, but are not limited to, transportation of personnel and cargo in support of the scientific projects, related administrative and infrastructural activities, and search and rescue (SAR), as directed by the NSF. The Interagency Arctic Research Policy Committee, which NSF chairs, coordinates U.S. Government Arctic research activities. To fulfill agency obligations to provide logistic and operational support to projects sponsored by the US Government, foreign governments, and other parties, NSF may dispatch aircraft under this contract for cooperative use.

#### B1.1.2 Antarctic Aircraft Deployment

Deployment to and from Antarctica shall be conducted on an annual basis. Aircraft are flown from the Contractor's home base or other locations, through South America, and delivered to McMurdo Station, Antarctica. Aircraft redeploy from McMurdo Station, Antarctica during the first or second week of February at the end of the austral summer season.

During mobilization to McMurdo Station, the aircraft normally fly to Rothera Research Station (located at Rothera Point on Adelaide Island [67°34'S, 68°08W]), a permanent station operated by the British Antarctic Survey (BAS) under the auspices of the United Kingdom.

Rothera Station is the BAS logistics center for the Antarctic Peninsula. The station is situated on a rock and raised beach promontory at the southern extremity of Wormald Ice Piedmont, southeastern Adelaide Island. The station has a 900-meter crushed rock runway, an associated hangar and bulk fuel storage facility, and a wharf for the discharge of cargo from supply ships. There is a transitory summer population of scientists and support staff who reach Rothera either by ship or through use of an intercontinental Dash-7 aircraft flying from the Falkland Islands. Fuel, lodging, flight-following and other in-transit support is provided by BAS through an agreement with NSF at no cost to the Contractor.

From Rothera Station, the aircraft fly directly to McMurdo Station at Ross Island, Antarctica. A refueling stop is normally provided in West Antarctica (at field camp(s)), or the USAP's South Pole Station, from which the aircraft can refuel either from bulk storage containers or drums. Aircraft redeployment is accomplished in reverse order.

All coordination (including country clearances and fuel) for deployment to and redeployment from McMurdo Station, Antarctica, is the responsibility of the contractor. Contractor must submit Deployment and ReDeployment Schedules for each season (including anticipated dates of flights in and out of Rothera) to NSF **no later than September 1** each year. Upon request, the NSF will assist with international support coordination of redeployment and deployment through the continent of Antarctica.

#### B1.1.3 Support Sites

#### B1.1.3.1 Antarctic Sites

Typically, research project personnel camp at or close to their work sites. The required aircraft support for these "camp" projects will involve establishment of a campsite from McMurdo, may involve several camp moves over a period of weeks or months, full or half days of close support, moving rapidly between ground sampling sites, resupply from McMurdo and the de-establishment of the campsite. Some large projects will split their activities between the field locations and McMurdo, where there is a fully-capable scientific laboratory (Crary Lab). These camp projects will require frequent, dependable shuttles of personnel, camp supplies, and research samples between the field and the laboratory or inland stations.

The majority of the work in the field is in the following Antarctic locations: Trans-Antarctic Mountains, Western Antarctica Ice Sheet (WAIS) and glaciers, South Pole Station, the Antarctic Eastern Plateau and various deep field camps. Therefore, it is anticipated that frequently the aircraft and crew will stay overnight at locations other than McMurdo to minimize travel time to and from the work sites. Accommodation at these sites will vary between small tents to semi-permanent structures. Cook and galley facilities may be available. The contractor may have to be self-sufficient at some field locations, i.e., "camping" in austere conditions should be anticipated. Occasionally, high altitude sites must be accessed; some of these sites can experience effective pressure altitudes exceeding 14,000 feet EPA. Hence, contractor should be prepared to acclimatize for several days at lesser EPA camps/stations before proceeding to the higher EPA sites.

The terrain will vary from Ross Island (where McMurdo Station is located), which is dominated by the active 13,000-foot volcano, Mount Erebus, to fast-moving sea-ice in McMurdo Sound, to mountainous terrain of the mostly-glaciated Trans-Antarctic Mountains, the relatively-featureless Ross Ice Shelf to the southeast, and to the Polar Ice Cap, where landing elevations can reach over 11,000 feet MSL and 14,000 feet EPA (e.g., Vostok Station).

#### B1.1.3.2 Arctic Sites

Each year the Office of Polar Programs (OPP) supports approximately 150 projects throughout the Arctic. About half the projects are in Alaska, but the remainder is spread throughout the Arctic, including the Arctic Ocean. Light Utility aircraft are used occasionally in Alaska, but more often in Nunavut, Canada, with springtime operations in the Arctic Ocean and in Greenland. The most concentrated effort, normally supported by Light Utility aircraft, is in support of ocean sampling sites in a broad region between the Canadian Forces Station Alert and the North Pole. This work occurs for several weeks between March and May of each year and involves transport of science teams and their equipment between sea-ice field sites. In Greenland, the work occurs throughout the year but mostly between May and August, and involves ferrying field teams to and around the Greenland Ice Cap.

#### B1.1.4 Aircraft Scheduling

#### B1.1.4.1 Antarctica

Aircraft scheduling will occur in McMurdo Station on a weekly and daily basis. The NSF's Prime Logistics Contractor coordinates the various research parties' requirements and writes the aircrafts' daily schedules. Unless otherwise directed by the Government, the Contractor shall execute the schedules provided by the Prime Contractor. Should there be any disagreement regarding the schedules provided, the matter shall be referred to the NSF Representative ("NSF Rep") in McMurdo Station for resolution.

#### B1.1.4.2 Arctic Polar Regions

Aircraft may be scheduled in locally, from an off-site location, or as otherwise directed by NSF on a weekly and daily basis. The NSF has contracted with an Arctic Prime Logistics Contractor, to coordinate the various parties' requirements and prepare aircraft schedules. Services ordered under this contract must be ordered via Task Order to this contract. Services ordered directly by the Arctic Prime Logistics Contractor are not ordered under and will not be paid through this contract. However, should an order be placed under this contract to support Arctic operations, the Arctic Prime Logistics Contractor

Contract D12PC00113 Mod 19 EPA- NSF

may be involved with the coordination and scheduling of aircraft operations. Should there be any disagreement regarding the schedules provided, the matter shall be referred to the appropriate Government personnel for resolution.

B1.1.5 Cargo Preparation

#### B1.1.5.1 Antarctica

The NSF has contracted with its Prime Logistics Contractor to prepare large and/or heavy cargo for transport on the contract aircraft. However, the fixed-wing aviation contractor is expected to load light cargo. In some cases, no trained personnel will be available at remote locations to prepare cargo. In these instances, the aviation contractor will provide direction to personnel at that location, who will prepare the cargo accordingly.

#### B1.1.5.2 Arctic Polar Regions

The Contractor will provide direction to personnel on location who will prepare the cargo accordingly.

#### **B1.2** Certification

#### B1.2.1 Responsibility of the Contractor

The Contractor is responsible for and shall comply with all laws and regulations, and otherwise have or obtain all needed licenses, permits, and certifications, including, but not limited to, those necessary for the carriage of persons or property for hire within the United States, Canada, and Greenland. Likewise, the Contractor is also responsible for obtaining all country clearances necessary to deploy its airplanes to Antarctica.

#### B1.2.2 Minimum Certification Requirement

The Contractor must maintain certification for the carriage of persons and property for hire by the United States or other foreign country for the duration of this contract. For the purpose of describing certification under this contract, the United States Department of Transportation, Federal Aviation Administration (FAA), and its 14 CFR regulations shall be used as a baseline for all determinations. In the event that the contractor is certified by another country's commercial aviation regulations, the contractor shall prove to the Contracting Officer's (CO's) satisfaction that the intent of the Federal Aviation Regulations has been met. (For the purpose of this section only, the acronym "FAR" means Federal Aviation Regulation -- 14 CFR. All other references to "FAR" shall mean Federal Acquisition Regulation -- 48 CFR Chapter 1). Where a higher standard exists in the contractor's country's aviation regulations or is required by certification by that country, the Contractor shall comply with the higher standard unless authorized in writing by the CO.

#### NOTE

All references to 14 CFR or to the Federal Aviation Administration (FAA) shall be construed to mean: "or foreign equivalency."

#### B1.2.3 Operating Certificate(s)

The Contractor shall hold a current FAA Air Carrier Certificate. Furthermore, the Contractor's Operations Specifications shall authorize operation of the category and class of aircraft, the number of passengers or carriage of cargo offered, and conditions of flight required under this contract, which include conduct of flight operations under both visual flight rules (day and night) and instrument flight rules.

#### B1.2.4 Aircraft

Aircraft used on this contract will be operated and maintained under the provisions of 14 CFR Part 135 or 121 as appropriate. These aircraft shall be identified as required by 14 CFR Part 121.135(7) or Part 135.63 or Operations Specifications Part D, "Aircraft Listing," as appropriate. The aircraft offered for this contract shall have a Standard Airworthiness Certificate.

#### NOTE

The installation of any equipment required by this contract must be FAA approved.

#### B1.2.5 Passenger Carriage

Aircraft shall be fully equipped to carry the number of passengers offered in accordance with the standards of 14 CFR Part 121 or 135, as appropriate.

### **B2 OPERATIONS**

#### **B2.1 Flight Operations**

Notwithstanding any public aircraft status, the Contractor shall operate in accordance with their approved FAA Operating Specifications and all portions of 14 CFR 91 (including those portions applicable to civil aircraft) and each certification. Some exceptions are specified below:

B2.1.1 In Antarctica, transportation of hazardous materials or dangerous goods shall be performed in accordance with the company's air operator certificate. It is the aviation contractor's responsibility to ensure that each employee that may transport hazardous materials attends their FAA-approved hazardous materials program certification training.

B2.1.2 The long-range fuel tanks used for deployment, redeployment, and extended flights take from are exempted from certification requirements of 14 CFR.

B2.1.3 Low-level flight (below 500 feet AGL) may be required, 14 CFR 135.203 notwithstanding. The minimum safe altitude requirements of 14 CFR 91.119 will be adhered to at all times.

**NOTE** Fly-by's are strictly prohibited under this contract.

B2.1.4 On all missions, the aircraft shall have a two-pilot crew consisting of a pilot-in-command (PIC or Captain) and a second-in-command (SIC or First Officer).

B2.1.4.1 On all missions, prior to flight, the contractor shall designate in writing one PIC as the aircraft's Mission Commander.

B2.1.4.2 Both pilots shall be at their designated flight positions during all takeoffs, landings, instrument flight rules (IFR), low-level (below 500'), and any inherently-risky evolutions.

#### **B2.2 PIC** Authority and Responsibilities

B2.2.1 The PIC is responsible for the safe operation of the aircraft and the safety of its occupants and cargo. The PIC shall comply with the directions of the Government, except, when in his judgment, such compliance will be a violation of applicable Federal or State regulations or contracting provisions. The PIC shall refuse any flight or landing which the pilot considers hazardous or unsafe. The Contractor's on-site Station Supervisor shall report such refusal to the NSF Rep or the AMD on-site project inspector if the NSF Rep is unavailable..

B2.2.2 The PIC shall not permit any passenger to ride in the aircraft or any cargo to be loaded therein unless authorized by the CO or his authorized representative(s).

#### NOTE

No passengers shall be permitted to ride in the cockpit area of the aircraft.

B2.2.3 The PIC is responsible for computing the weight and balance for all flights and for assuring that the gross weight and center of gravity do not exceed the aircraft manufacturer's limitations.

B2.2.4 Before each takeoff, the PIC must ensure that all passengers have been briefed in accordance with 14 CFR 135. Briefings for short flights do not need to be repeated unless new passengers come aboard. The briefing must describe the location/use of the following:

a. Emergency locator transmitter

b. First aid/survival kits

Contract D12PC00113 Mod 19 EPA- NSF

- c. Personal protective equipment to include survival bags, suits, life vests and rafts for over-water evolutions
- d. Emergency Exits
- e. Fire extinguishers

B2.2.5 Pilots assigned to primary duty as pilot may function as a mechanic when the aircraft is not available due to maintenance provided the following requirements are met:

B2.2.5.1 The pilot holds a valid FAA mechanic certificate with airframe or power plant ratings as appropriate and meets the currency requirements of 14 CFR 65.83.

B2.2.5.2 The pilot's duty limitations shall apply when the pilot is functioning as a mechanic.

B2.2.5.3 The pilot shall not accomplish <u>scheduled</u> maintenance and inspections, other than daily inspections.

B2.2.6 The PIC is responsible for ensuring that any aircraft functional discrepancy is promptly reported and corrected, and that the aircraft is inspected and maintained in accordance with the contractor's operating certificate.

B2.2.7 The contractor may substitute aircraft or personnel during performance of the contract provided each substitution is inspected and accepted in accordance with paragraph C3. Substitutions shall be requested from the NSF or its designated representative 7days in advance.

B2.2.8 Day, night and IFR flights may be required by this contract.

#### **B2.3** Personal Protective Equipment

The following items will be furnished by the contractor, and inspected for condition at the start of the contract.

B2.3.1 P shall at all times, have available for use, the items identified at Exhibit 1 unless otherwise directed by the Government. Contractor personnel shall wear the items identified in Exhibit 1 as conditions warrant and shall ensure that they are adequately dressed for the current conditions.

B2.3.2 Overwater flights and extended overwater flights shall comply with 14 CFR 135.167. The contractor shall furnish the equipment required by 14 CFR 135.167.

B2.3.2.1 For overwater flights the contractor shall furnish six (6) "Fitz Wright" dry flight survival suits, or equal, for use by the Government (not including the contractor's PIC/SIC requirement). Sizes shall be one small, one medium, three extra large, and one XXXL (U.S. sizes).

B2.3.2.2 Life preservers, required for overwater flights, must meet TSO C13d or equivalent, with approved water-activated lights. The life preservers shall be readily available and accessible to each occupant in the aircraft.

B2.3.2.3 For flights over water the contractor shall furnish a life raft(s) rated for the total number of occupants (not overloaded). The raft(s) shall meet TSO C-70 Type II standards and shall provide a full canopy system. The raft(s) location shall be readily accessible for deployment from the main cabin door.

# **B3 PERSONNEL REQUIREMENTS**

[New sub-topics to incorporate:

- TRAINING: FSTP training, required within 6 weeks of arrival. Done below
- TRAINING: Try to pair non-completed FSTP-trained crew member with a crew member that has
- MEDICAL: Flight surgeon remove from duty/return to duty requirement see below
- DUTY: Crew expectations re: general labor] Done below

#### **B3.1** Pilot Requirements

B3.1.1 All pilots shall have at least an FAA Commercial Pilot Certificate with instrument rating and appropriate category and class ratings.

B3.1.2 All pilots shall hold at least a current Second-Class Medical Certificate issued under provisions of 14 CFR 67.

Contract D12PC00113 Mod 19 EPA- NSF

B3.1.3 PICs shall provide evidence of satisfactorily passing an FAA Competency (14 CFR 135.293) and Instrument Proficiency Check (14 CFR 135.297) in the make and model offered for this contract. This flight check must be valid for the contract Exclusive Use period.

B3.1.4 All pilot flying hours shall be verified from a certified pilot log. Further verification of flying hours may be required at the discretion of the CO.

B3.1.5 Each PIC shall, at the discretion of the Contracting Officer's Technical Representative (COTR), pass a Department of Interior (DOI) Agency Flight Evaluation in make and model of aircraft to be flown on this contract. The flight evaluation will be in an aircraft supplied by the Contractor, at no expense to the Government. The satisfactory completion of the evaluation flight will not substitute for any of the total flight hour requirements listed in this contract.

B3.1.5.1 Services provided under this contract require DOI Special Use Flight Activities as identified below. Pilots must have satisfactorily completed an agency Initial and/or Periodic Flight Evaluation(s) for these activities before being approved for use under the contract, unless otherwise indicated in the contract. The COTR will provide detailed information concerning the types and frequency of special use pilot flight evaluations when requested.

- Low-level Flight (within 500' of the surface)
- Off Airport Landings
- Ski Operations

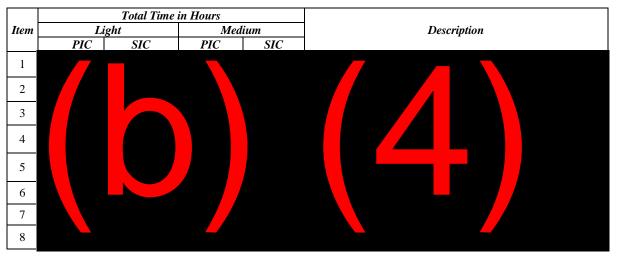
B3.1.6 PICs shall display evidence of experience in using all equipment specifically identified in Section C for performance of contract work (HF radio, global positioning system [GPS], AFF, etc.). This includes programming of the GPS to get equipment-compatible GPS data output to the DB-9 data port. Pilots may be required to demonstrate proficiency during the agency evaluation flight. Pilots may use an abbreviated checklist in the performance of this evaluation.

B3.1.6.1 Pilots shall demonstrate their ability to perform the following functions with the required GPS, and other equipment outlined in the avionics section. The pilot may use only an abbreviated checklist in the performance of this evaluation.

- B3.1.6.1.1 Determine the geographic coordinates of a destination identified on a sectional aeronautical chart.
- B3.1.6.1.2 Install destination coordinates.
- B3.1.6.1.3 Acquire distance/bearing information to a destination.
- B3.1.6.1.4 Record as a waypoint, coordinates of various locations while en route to a primary destination.

B3.1.6.1.5 Navigate from a present position to a selected recorded waypoint or between two recorded waypoints.

- B3.1.6.1.6 Operate the GPS unit in a transect type (offset) program if required.
- B3.1.7 PICs and SICs shall have logged minimum flying time as follows:





B3.1.8 The Contractor shall submit for approval an experience resume for each pilot offered on the contract. The resume shall include names and addresses of past employers, substantiation of related type and typical terrain flying, and must show any and all accidents involving aircraft. The information shall be submitted on form AMD-64A, with supplements if requested (See Section C3.2.1, C11.1 and Section C Exhibits), "Airplane Pilot Qualifications and Approval" no later than **August 15 each year**.

B3.1.9 Pilot's shall perform general labor during the performance of this contract; however, the extent of the general labor shall be at the discretion of the contractor.

### **B3.2** Flight Crew Members Flight and Duty Limitations

### B3.2.1 Flight Limitations

Flight crews shall not exceed the following flight time and crew duty limitations except as permitted by 14 CFR 135.267.

B3.2.1.1 During routine missions, a maximum of ten (10) hours flight time per duty period for two-pilot crews (PIC and SIC). For extended flights, Contractor shall comply with their Air Carrier Certificate and Civil Aviation Authority.

B3.2.1.2 At no time will a pilot exceed the maximum of 50 hours flight time during any consecutive six-day period. At the end of the rest period, a new six-day cycle will begin.

B3.2.1.3 Pilot flight time computations will be in accordance with 14 CFR Part 1.1: Pilot time commences when an aircraft moves under its own power for the purposes of flight and ends when the aircraft comes to rest after landing.

B3.2.1.4 All flight time, regardless of how or where performed (except for personal pleasure flying), will be recorded in the aircraft log and monitored by both the Contractor's Chief Pilot and each flight crew member pursuant to company policy and used to administer flight time and duty time limitations. Flight time to and from a duty station as a flight crewmember (commuting) will be reported and counted toward limitations if it is flown on a duty day. Flight time includes but is not limited to military, charter, flight instruction, biennial flight review, flight examinations by FAA designees, or any other flight time of a commercial nature, whether compensated or not.

B3.2.1.5 Pilot's total flying time per quarter, half, and full year shall not exceed the limits established by 14 CFR 135.

B3.2.2 Duty Time

B3.2.2.1 Duty includes flight time, ground duty of any kind, checking weather, and standby or alert status at any job site.

B3.2.2.2 During routine missions, a maximum crew duty period including flight and standby time is 14-hours in any 24-hour period. The Contractor may exceed the 14-hour duty day to perform extended duty, provided the Contractor is authorized in accordance with their Air Carrier Certificate or civil aviation authority.

### B3.2.3 Mandatory Rest Period

B3.2.3.1 At least ten (10) consecutive hours of rest shall be required immediately prior to each duty period. (Rest is defined as the time spent between duty periods characterized by inactivity or ease and is free from labor or disturbance).

B3.2.3.2 Pilots shall have two (2) 24-hour periods off duty during any 14-day period during the performance of this contract. Off duty days need not be consecutive.

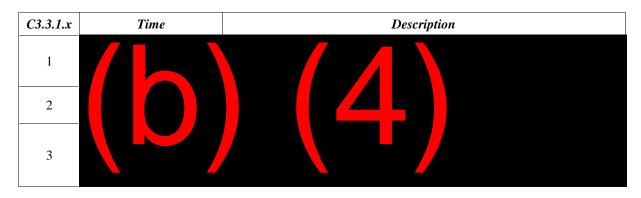
B3.2.3.3 The Government may further restrict daily flight hour limitations. Pilots may also be removed by the CO, or their delegated representative, from duty for fatigue or other causes before reaching their flight hour or duty limitations.

**B3.2.4 Medical Release** 

B3.2.4.1 Flight crews requiring medical attention during their performance in Antarctica shall visit the on call Flight Surgeon / Aviation Medical Examiner (AME) when available to determine their flight status. Once removed from flight status for any medical reason, all flight crews shall be returned to flight status by the onsite AME prior to returning to flight status. When AME's are not available to perform this function, the local medical doctor shall perform this function.

### **B3.3** Mechanic Requirements

B3.3.1 The mechanic shall be the holder of a valid FAA mechanic certificate with airframe and power plant ratings, must have held the certificate with both ratings for a period of 24 months, and meet the following experience requirements:



### B3.3.2 Mechanic Duty Limitations

Mechanics shall not exceed the following duty time limitations:

B3.3.2.1 Within any 24-hour period, mechanics shall have a minimum of eight (8) consecutive hours off duty immediately prior to the beginning of any duty day. Travel, not local in nature, may be counted as duty time.B3.3.2.2 Mechanics will have two (2) full days off during any 14-day period during the performance of this contract. Off duty days need not be consecutive.

B3.3.2.3 Duty time includes availability and work or alert status at any job site, including time in transport to and from the airfield.

### B3.3.3 Availability of Mechanic

A mechanic shall be available at the designated or alternate station(s)/camp(s) during the periods in which the aircraft is operating in the performance of this contract. A mechanic shall be present to service, inspect and repair the aircraft. The mechanic is considered a required crewmember during deployment/redeployment flights.

### B3.4 All Contractor Personnel

B3.4.1 All contractor personnel are required to meet the specific training requirements of the NSF as required for operations in Antarctica. The contractor's personnel shall attend this mandatory training at no additional cost to the Government within six (6) weeks of arrival at McMurdo Station. The training will be considered duty time and unavailability shall not be assessed for the time required to meet the NSF training requirements.

### **B4 AIRCRAFT REQUIREMENTS**

### **B4.1** Condition of Equipment

B4.1.1 Contractor-furnished aircraft and equipment shall be operable, free of damage, and in good repair. Aircraft systems and components shall be free of leaks except where specified by the manufacturer. Any non-deferrable system degredation requiring unplanned maintenance, placing the aircraft in a non-airworthy status or when any one item/system identified below does not meet the specified standards listed herein will impact payment of daily availability (DA) in accordance with Section C7.2.1.

B4.1.2 All windows and windshields shall be clean and free of scratches, cracks, crazing, distortion or repairs that hinder visibility. Repairs such as safety wire lacing and stop drilling of cracks are not acceptable permanent repairs. Prior to acceptance, all temporarily-repaired windows and windshields shall have permanent repairs completed or shall be replaced.

B4.1.3 The aircraft interior shall be clean and neat. There shall be no unrepaired tears, rips or other damage in the upholstery or headliner. Broken interior trim with sharp points or edges is not acceptable.

B4.1.4 The exterior finish and paint shall be clean and in good condition. The airplane fuselage shall be painted in high-visibility color differing from the typical white or gray terrain. Upper wing surfaces shall be painted in high-contrast colors that distinguish them from a white snow surface.

B4.1.5 These conditions of equipment concerns are in addition to airworthiness requirements.

### **B4.2 Equipment Requirements**

B4.2.1 Current navigational publications are required for the area(s) of operations, to include VFR sectional aeronautical charts, current IFR charts, and current approach plates and shall be carried on board the airplane at all times.

B4.2.2 A first aid kit containing the items specified at Section C Exhibits shall be furnished by the Contractor and carried aboard the aircraft on all flights.

B4.2.3 A flight-crew survival kit containing items specified in Section C Exhibits shall be furnished by the Contractor and carried aboard the aircraft on all flights.

B4.2.4 Fire extinguisher(s), required by 14 CFR Part 135, for the purposes of this contract, must be a handheld bottle, minimum 2-B-C rating, mounted and accessible to the flight crew while seated. The fire extinguisher must be maintained in accordance with *National Fire Protection Association (NFPA) Manual 10, Standards for Portable Fire Extinguishers* or the Contractor's 135 operations manual.

B4.2.5 The Contractor shall provide aircraft ground support equipment and mission essential accessories to operate in areas with minimal support, including at a minimum: ice anchors and tie-down lines for all aircraft, ladders, barrel ramp, fuel pumps, and other cargo loading gear.

B4.2.6 The aircraft shall be equipped with individual lap belts for each occupant and FAA-approved shoulder harness with inertia reel for both front seat positions. Shoulder harness and lap belt shall fasten with metal-to-metal, single-point, quick-release mechanism. Harness and belts are to be fastened during all flight evolutions. See Section C Exhibits, "Unacceptable Lap Belt and Shoulder Harness Conditions."

B4.2.7 Skis

B4.2.7.1 For Arctic operations aircraft shall be equipped with wheel/ski landing gear.

B4.2.7.2 For Antarctic operations aircraft shall be equipped with spring skis.

B4.2.8 Cabin heater with windshield defogger.

B4.2.9 The aircraft shall be equipped in accordance with 14 CFR 135 for IFR and known icing conditions

NOTE

Alcohol windshield de-ice system is NOT acceptable.

B4.2.10 Lights

B4.2.10.1 Two high visibility strobe lights (one above and one below the fuselage) or a wingtip strobe system

B4.2.10.2 The aircraft shall have approved lighting for night operation in accordance with 14 CFR 91 including instrument lights.

B4.2.10.3 The aircraft shall be equipped with a pulse type light system to enhance recognition of the aircraft. A Pulselite model 1220/2410-2 or equal will meet this requirement.

B4.2.11 RESERVED

B4.2.12 RESERVED

B4.2.13 Cargo Provisions

B4.2.13.1 The aircraft shall be equipped with FAA-approved cargo tie-down provisions, cargo straps and cargo tie-downs for cargo operations.

B4.2.13.2 Cargo restraint installation shall secure cargo from shifting, or slipping through or underneath restraint.

B4.2.13.3 Cargo tie-down provisions shall conform to FAA Advisory Circular AC 43.13-2A or other approved data.

B4.2.13.4 Cargo nets and straps shall not be attached to pilot and/or passenger seat structures.

B4.2.14 (b) (4)

B4.2.15 RESERVED

B4.2.16 Oxygen

B4.2.16.1 For (b) (4) : Minimum six (6) hour oxygen system for flight crew. Passenger oxygen equipment shall be installed at each seating position. System shall have sufficient capacity for six (6) person hours at 15,000 feet MSL.

B4.2.16.2 For (b) (4) : Minimum eight (8) hour oxygen system for flight crew. The oxygen system must be permanently-installed and accessible to the pilot, copilot, and all passenger seats while seated. System shall have sufficient capacity for eight (8) person hours at 15,000 feet MSL.

B4.2.17 Aircraft seats, other than the pilot and copilot, should be foldable or removable to allow for the carrying of cargo.

### **B5 AVIONICS REQUIREMENTS**

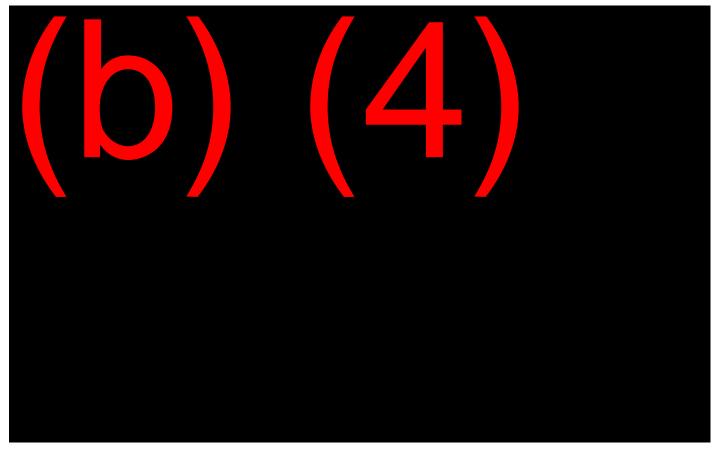
#### **B5.1 General**

The following systems shall be furnished, installed, and maintained in each aircraft by the Contractor in accordance with the manufacturer's specifications and the installation and maintenance standards of Section B5.6. Detailed avionics systems performance requirements are listed in *Avionics Operational Test Standards*, as detailed in Section C Exhibits. (Copies also available upon request from DOI NBC Aviation Management Directorate or at http://amd.nbc.gov/library/handbooks/aots/pdf).

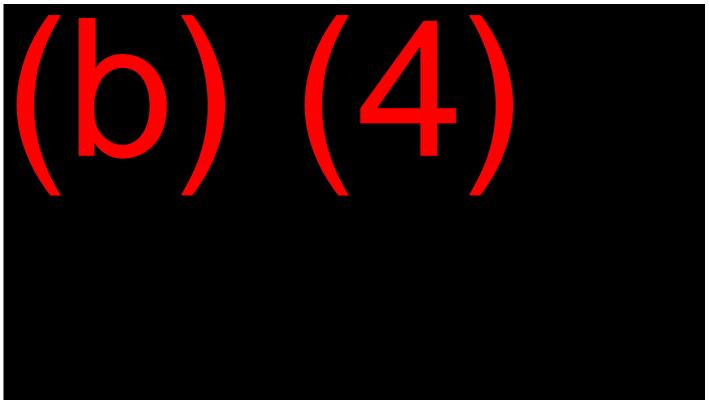
#### **B5.2** Communications Systems



### **B5.3** Navigational Systems

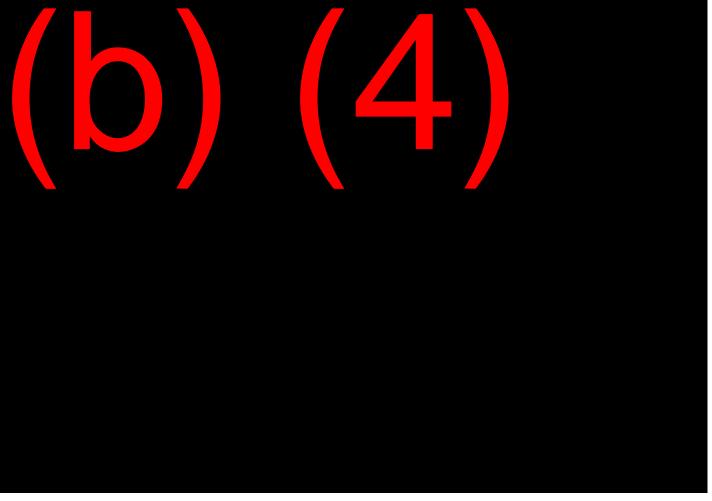


### **B5.4** Audio Systems





**B5.5** Other Avionics

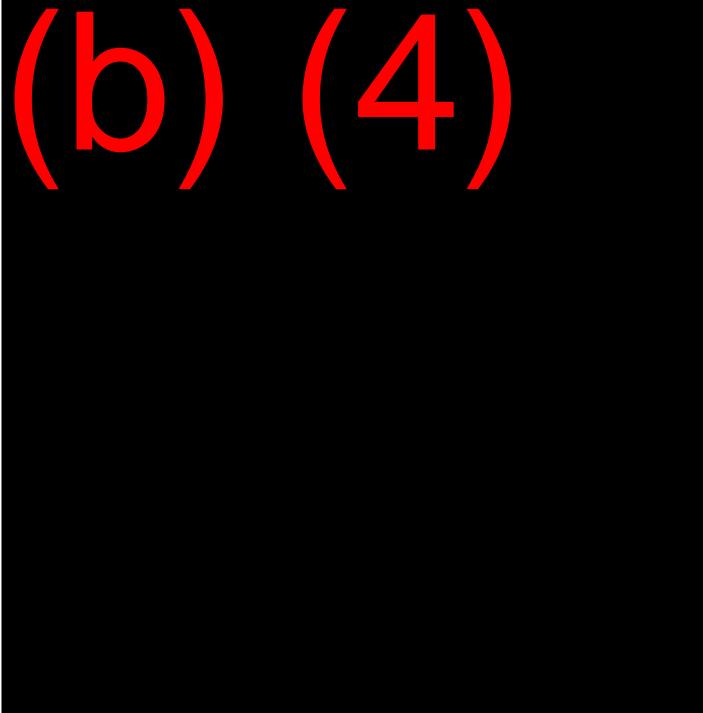


**B5.6** Avionics Installation and Maintenance Standards

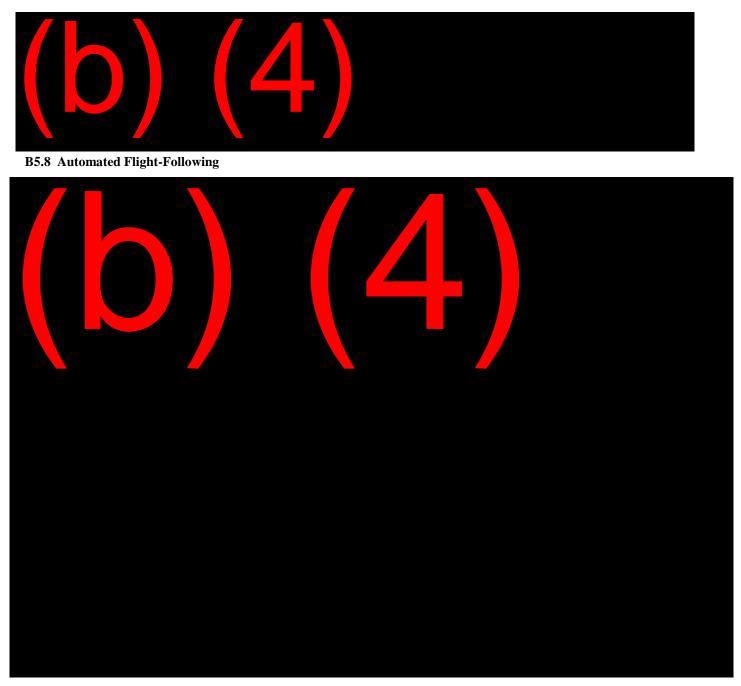




**B5.7** Additional Aircraft-Specific Avionics



\*\*Subject to change seasonally



### **B6 MAINTENANCE REQUIREMENTS**

### **B6.1** General

The aircraft shall be operated and maintained in accordance with the manufacturer's specifications and applicable portions of 14 CFR.

### B6.2 Maintenance

B6.2.1 Aircraft shall be maintained in accordance with the Contractor's 14 CFR Part 135 certificate.

B6.2.2 All maintenance, including inspection, rebuilding, alteration, and installation shall be accomplished by a person authorized to perform maintenance in accordance with 14 CFR Part 43.

B6.2.3 Field Maintenance: The Contractor's maintenance organization shall be capable of providing field maintenance support for each aircraft during extended periods of heavy use. The Contractor may have arrangements with other appropriately rated facilities to perform maintenance for which the Contractor is not qualified.

B6.2.4 50-Hour Inspection: A mechanic meeting the contract qualifications shall inspect the aircraft each 50 hours of flight. The 50-hour inspection shall be accomplished in accordance with the procedures outlined in the Contractor's approved/accepted maintenance program or, if not covered by the maintenance program, it shall include, but not be limited to, the following: lubrications, if applicable, and a thorough visual inspection of power plant, control systems, and airframe instruments. A record of this inspection shall be entered in the aircraft maintenance records in accordance with 14 CFR Part 43.9. Such entry shall also include the aircraft time in service.

### **B6.3** Preventive Maintenance

B6.3.1 The pilot, under the terms of this contract, may perform preventive maintenance in accordance with 14 CFR Part 43.3(h). All maintenance performed will be recorded in accordance with 14 CFR Part 43.9.

B6.3.2 Routine maintenance shall be performed before or after the daily use or as approved by the CO or designated representative.

### **B6.4** Post Maintenance Check Flight

B6.4.1 Check Flight: A functional maintenance check flight shall be performed, at the Contractor's expense, following installation, overhaul, major repair, major inspection or removal/replacement of any engine, power train, propeller system, or flight control rigging or system. This shall be accomplished before the aircraft resumes service under the contract. The pilot shall enter the result of this check flight in the aircraft records.

B6.4.2 The Contractor shall immediately notify the CO or designated representative of any change to any engine, power train, flight control, propeller, or major airframe component, or of any major repair following an incident or accident, including the circumstances involved.

### B6.5 Time Between Overhaul (TBO) and Life-Limited Parts

B6.5.1 All components, including engines and props shall be replaced upon reaching the factory recommended Time Between Overhaul (TBO) or FAA-approved extension. Life-limited Parts (LLP) shall be replaced at the specified time in service hours or cycles. At the time of the initial agency inspection, the aircraft will have a fresh phase inspection and a minimum of 750 hours remaining on the turbine engines until the next "hot section" or major overhaul.

B6.5.2 Aircraft operated with components or accessories on approved TBO extension programs are acceptable provided, (1) the Contractor is the holder of the approved extension authorization (not the owner if the aircraft is leased), and (2) the Contractor operates in accordance with the extension authorization.

B6.5.3 The Contractor shall supply, at the time of the initial agency inspection, a list of all items installed on the aircraft that are required to be overhauled or replaced on a specified time basis. This list shall include the components name, part number, serial number, total time, service life (or inspection/overhaul time interval), and time and date when component was overhauled, replaced, or inspected.

### **B6.6** Airworthiness Directives and Manufacturer's Mandatory Service Bulletins

All applicable FAA Airworthiness Directives (ADs) and required Manufacturer's Mandatory Service Bulletins (MMSBs) shall be complied with prior to the performance of this contract. A list of FAA ADs and required MMSBs on the make and model of aircraft offered shall be made available upon request by the Government. The list will be similar to that in Advisory Circular AC 43-9C. Signature of persons verifying accuracy of the list is required. All applicable ADs and required MMSBs issued during the contract shall be complied with.

### **B6.7** Weight and Balance

B6.7.1 The aircraft's required weight and balance data shall be determined by actual weighing of the aircraft within twentyfour (24) months of the contract's effective date, and following any major repair, major alteration, or change to the equipment list which significantly affects the center of gravity of the aircraft (i.e., per AC-43-13, any piece of equipment weighing more than 1 pound ( $\frac{1}{2}$  Kg)).

B6.7.2 All weighing of aircraft shall be performed on scales that have been certified as accurate within the preceding twenty-four (24) calendar months. The certifying agency may be any accredited weights and measures laboratory.

B6.7.3 A list of equipment installed in the aircraft at the time of weighing must be compiled. The equipment list will include the name and location of each item installed. Items that may be easily removed or installed for aircraft configuration changes (seats, radios, special mission equipment, etc.) shall also be listed including the name, the weight and arm of each item. Each page of the equipment list must identify the specific aircraft by at least serial number or registration number of the aircraft. Each page of the equipment list will be dated indicating the last date of weighing or computation. The weight and balance must be revised each time new equipment is installed or old equipment is removed. Weight and balance procedures under 14 CFR Parts 135.23(b) and 135.185 are acceptable, except where exceeded by this contract.

### **B6.8 Manuals and Records**

B6.8.1 The Contractor shall ensure that all maintenance performed on contract aircraft is recorded in the affected aircraft's maintenance record in accordance with 14 CFR Parts 43 and 91 (reference 14 CFR Parts 43.9, 43.11, and 91.417.

B6.8.2 A copy of the contract aircraft's current maintenance record, containing, as a minimum, the information required by 14 CFR Part 91.417, shall be kept at the designated base of operations. The Contractor shall have a current set of maintenance / parts manuals that will accompany each aircraft at all times.

B6.8.3 If requested by the Government, a copy of the Contractor's procedures manuals, as outlined in 14 CFR Part 135.21, shall be furnished to the CO or designated representative. Revisions made during the period of this contract shall be forwarded to the CO.

B6.8.4 Fifteen (15) days before the start date of the contract, all maintenance deficiencies shall be corrected or deferred in accordance with the operator's Accepted/Approved Maintenance Program. Deferred discrepancies will be evaluated by the DOI AMD Technical Services Division and the aircraft approved for contract use on a case-by-case basis. The CO or his designated representative shall be supplied with a listing of all deferred discrepancies prior to the start of the Antarctic/Arctic season. Those deficiencies occurring during performance under the contract shall be corrected in accordance with the appropriate portions of 14 CFR or the Approved Maintenance Program. Items deferred by use of an FAA-approved minimum equipment list, shall not be mission essential.

### **B7 FUEL AND SERVICING REQUIREMENTS**

### **B7.1** General

B7.1.1 Antarctica: The Government will supply all aircraft fuel for use by the Contractor in Antarctica. The Contractor shall supply oil and other lubricating fluids and grease. The pilot-in-command (PIC) shall keep careful record of fuel withdrawals by airplane tail number for all remote fuel caches and airfield fuel stations (fuel pit), except at McMurdo Station or South Pole.

B7.1.2 Arctic: The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

B7.1.3 All fuel shall be commercial or military grade aviation fuel approved for use by the airframe and engine manufacturer. Only fuels meeting American Society for Testing and Material (ASTM) or military specifications are authorized for use; e.g., ASTM D-1655 (Jet A, A-1, or B), Mil T-5624 (JP-4, JP-5, JP-8), ASTM-D-910 or MIL T-910 (Grade 80, 100, or 100LL), or AN8.

B7.1.4 THE CONTRACTOR SHALL BE RESPONSIBLE FOR AIRCRAFT REFUELING. Fueling operations, including storage and handling, shall comply with the airframe and engine manufacturer's recommendations and all applicable FAA standards. The Contractor shall have and apply a fuel quality assurance program – including but not limited to visual inspection for the proper type and grade, that the fuel is clean, bright and free from contamination. The National Fire Protection Association's fuel-handling handbook shall be used as a guide.

#### NOTE

No passengers shall be on board the aircraft during fueling operations. Smoking is prohibited within 50 feet of the aircraft.

Copies of *NFPA 407: Aircraft Fuel Servicing* can be obtained from the National Fire Protection Association, Batterymarch Park, Quincy, MA 02269.

### **B7.2 Fuel Servicing Equipment**

B7.2.1 PORTABLE PUMPS: One portable fuel pump, barrel stem, and hoses shall be carried onboard the aircraft at all times for servicing the aircraft from 55-gallon barrels. The filter manufacturer's operating, installation, and service manual shall be followed. At least one spare filter, seals, and other spare components shall be carried with the portable fuel pump.

### **B7.3 NSF Antarctic Fuel Filtering Systems**

B7.3.1 The NSF fuel filtration systems provided in the Antarctic are designed to provide pressures of 200 psi and flow rates of 300 gpm. Normal pressures/flow rates should be expected in the range of 90 psi and 230 gpm, respectively.

B7.3.2 The NSF filtration will meet one of the following qualifications: Institute of Petroleum (IP), API 1581, or MIL-F-8901E. Some examples of IP qualified elements are Velcon CDF 210K, CDF 220K, ACO 51201K, ACO 21201K, ACO 40501SPK, and ACO 40901SPK.

B7.3.3 The filter vessels will be placarded indicating the filter change date. Spare filters shall be available to allow periodic and emergency filter changes.

B7.3.4 Three-Stage (filter, water separator, monitor) Systems (API 1581 or MIL-F-8901E qualified). Fueling systems utilize a three-stage system such as a Facet Part Number 050970 M2 for 20 gallons per minute pump, or equal. A Facet Part Number 050971-M2 for a 10 gallon per minute pump, or equal. An acceptable third stage (monitor) unit is Velcon CDF 220K for 20-gpm flow or Velcon CDF 210K for 10-gpm systems.

B7.3.5 Single-Stage System or Three-In-One Filter Canister Systems (IP qualified) utilize a single element system such as a Velcon filter canister with Aquacon cartridge of a size compatible with pumps flow rate (e.g., Velcon VF-61 canister with an ACO-51201K cartridge for 50 to 60 GPM flow rate or ACO-40501SPK for 10 to 15 GPM flow rate).

### **B8 CONSERVATION OF ANTARCTIC ANIMALS AND PLANTS**

#### **B8.1** Definitions

The following definitions apply for the purposes of this section only.

B8.1.1 Antarctica means the area south of 60 degrees south latitude.

B8.1.2 Antarctic Specially Protected Area means any area designated by the Antarctic Treaty Parties to protect outstanding environmental, scientific, historic, aesthetic, or wilderness values or to protect ongoing or planned scientific research, designated at 45 CFR §670.29. Antarctic Treaty Parties also designate areas where activities are being conducted or may be conducted in the future as an Antarctic Specially Managed Area, to assist in the planning and co-ordination of activities, avoid possible conflicts, improve co-operation between Parties or minimize environmental impacts.

B8.1.3 *Harmful interference* means: (a) flying or landing helicopters or other aircraft in a manner that disturbs concentrations of birds or seals; (b) using vehicles or vessels, including hovercraft and small boats, in a manner that disturbs concentrations of birds or seals; (c) using explosives or firearms in a manner that disturbs concentrations of birds or seals; (d) willfully disturbing breeding or molting birds or concentrations of birds or seals by persons on foot; (e) significantly damaging concentrations of native terrestrial plants by landing aircraft, driving vehicles, or walking on them, or by other means; and (f) any activity that results in the significant adverse modification of habitats of any species or population of native mammal, native bird, native plant, or native invertebrate.

B8.1.4 *Management plan* means a plan to manage the activities and protect the special value or values in an Antarctic Specially Protected Area designated by the United States as such a site in 45 CFR §670.29 or by the Antarctic Treaty Parties in the "Status of Antarctic Specially Protected Area and Antarctic Specially Managed Area Management Plans" Please note that the Antarctic Treaty Parties also designate management plans for Antarctic Specially Managed Areas and Historic Sites and Monuments.

B8.1.5 *Native bird Native bird* means any member, at any stage of its life cycle, of any species of the class Aves which is indigenous to Antarctica or occurs there seasonally through natural migrations, designated in 45 CFR §670.20. . It includes any part, product, egg, or offspring of or the dead body or parts thereof but excludes fossils.

B8.1.6 *Native invertebrate* means any terrestrial or freshwater invertebrate, at any stage of its life cycle, which is indigenous to Antarctica. It includes any part thereof but excludes fossils.

B8.1.7 *Native mammal* means any member, at any stage of its life cycle, of any species of the class Mammalia, which is indigenous to Antarctica or occurs there seasonally through natural migrations, that is designated in 45 CFR §670.19. It includes any part, product, or offspring of or the dead body or parts thereof but excludes fossils.

B8.1.8 *Native plant* means any terrestrial or freshwater vegetation, including bryophytes, lichens, fungi, and algae, at any stage of its life cycle which is indigenous to Antarctica that is designated at 45 CFR §670.21. It includes seeds and other propagules or parts of such vegetation but excludes fossils.

B8.1.9 *Protocol* means the Protocol on Environmental Protection to the Antarctic Treaty, signed October 4, 1991, in Madrid, and all annexes thereto, including any future amendments to which the United States is a Party.

B8.1.10 *Take or taking* means to kill, injure, capture, handle, or molest a native mammal or bird, or to remove or damage such quantities of native plants that their local distribution or abundance would be significantly affected or to attempt to engage in such conduct.

B8.1.11 *Treaty* means the Antarctic Treaty signed in Washington, D.C. on December 1, 1959.

### **B8.2** Prohibited Acts

The Contractor and its personnel are prohibited from committing any of the following acts, unless a permit has been issued pursuant to NSF Regulation. Failure to abide by this section shall result in the removal of the Contractor's personnel from assignment to this contract, and may constitute grounds for a default termination.

B8.2.1 Taking any native mammal or native bird, or native plant.

B8.2.2 Engaging in harmful interference.

B8.2.3 Entry into any Antarctic Specially Protected Area (ASPA) except in accordance with the relevant ASPA Management Plan.

B8.2.4 Possess, sell, offer for sale, deliver, receive, transport, or ship by means any native mammals, plants, or birds. It is unlawful for any person to receive, acquire, transport, offer for sale, sell, purchase, export, import, or have custody, control, or possession of, any native bird, native mammal, or native plant which the person knows, or in the exercise of due care should have known, was taken in violation of the Act.

B8.2.5 Import or export any native mammals, plants, or birds collected in Antarctica to or from the United States and its possessions and jurisdictions, or any third country.

B8.2.6 Introduce any non-indigenous animals or plants into Antarctica.

B8.2.7. Violate regulations or permit conditions that are in violation of the Act.

### **B8.3** Exceptions

The following acts constitute allowable exceptions to the prohibited acts described in B8.2.

B8.3.1 Acts committed under emergency circumstances to prevent the loss of human life or of ships, aircraft, or other equipment and facilities of high value, or protection of the environment.

B8.3.2 Acts committed to aid or salvage native mammals or birds if such action is necessary to aid a sick, injured, or orphaned specimen; to dispose of a dead specimen; or salvage a dead specimen which may be useful for scientific study.

B8.3.3 Any acts taken per B8.3.1 or B8.3.2 shall be reported immediately to the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B8.3.4 Transport of native birds, mammals or plants, or any non-indigenous animals or plants within Antarctica in the normal course of work, provided a permit has been issued in accordance with 45 CFR Part 670 by the United States or other third country in accordance with the Protocol.

### **B9 ANTARCTIC WASTE MANAGEMENT**

### **B9.1 Definitions**

The following definitions apply for the purposes of this section only.

B9.1.1 Antarctic hazardous waste means any waste containing one or more designated pollutants.

B9.1.2 Antarctica has the same meaning as stated in C8.1.1.

B9.1.3 *Banned substance* means any polychlorinated biphenyls (PCBs); non-sterile soil; polystyrene beads, plastic chips or similar loose polystyrene packing material; pesticides (other than those required for scientific, medical, or hygiene purposes) or other substances as designated in accordance with 45 CFR §671.14.

B9.1.4 *Designated pollutant* means any substance designated in accordance with 45 CFR §671.14; any pesticide, radioactive substance, or substance consisting of or containing any chemical listed by source, generic or chemical name at 40 CFR 61.01, Table 116.4A of 40 CFR 116.4, subpart D of 40 CFR Part 261, 40 CFR 302.4, part 355, and part 372; and any substance which exhibits a hazardous waste characteristic as defined in subparts B and C of 40 CFR part 261; but shall not include any banned substance.

B9.1.5 Permit means a permit issued pursuant to 45 CFR Part 671, Subpart C.

B9.1.6 *Release* means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, leaching, dumping, burying, or disposing of a substance whether intentionally or accidentally.

B9.1.7 Substance means any gas, liquid, or solid, or mixture thereof, including biological material.

B9.1.8 *Use* means to use, generate or create a substance, or to import a substance into Antarctica, but does not include the shipboard use of a substance, provided that substance is not released or removed from the vessel.

B9.1.9 *Waste* means any substance that will no longer be used for any useful purpose, but does not include substances to be recycled in Antarctica, or substances to be reused in a manner different than their initial use, provided such substances are stored in a manner that will prevent their dispersal in to the environment, and further provided that they are recycled, reused, or disposed of in accordance with this contract within three years. Recycling includes, but is not limited to, the reuse, further use, reclamation or extraction of a waste through a process or activity that is separate from the process or activity that produced the waste.

### **B9.2** Prohibited Acts

The Contractor and its personnel are prohibited from committing any of the following acts. Failure to abide by this section shall result in the removal of the Contractor's personnel from assignment to this contract, and may constitute grounds for a default termination.

B9.2.1 Use or release of any banned substance in Antarctica.

B9.2.2 Use or release of any designated pollutant in Antarctica without the prior approval of the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B9.2.3 Use or release of any waste in Antarctic without the prior approval of the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B9.2.4 Violate the terms and conditions of any prior approval granted per C9.2.2 or C9.2.3.

### **B9.3** Exceptions

The following acts constitute allowable exceptions to the prohibited acts described in C9.2.

B9.3.1 Any use or release of designated pollutants or waste allowed under the Act to Prevent Marine Pollution from Ships (33 U.S.C. 1901 et seq.) as amended, or any shipboard use of banned substances or designated pollutants, provided such substances are not removed from the vessel in Antarctica.

B9.3.2 Acts committed in cases of emergency relating to the safety of human life or of ships, aircraft or other equipment and facilities of high value, or the protection of the environment. Any acts taken per this exception shall be reported immediately to the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

### **B9.4** Prior Approval Requirements

The Contractor shall submit the following information to the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director (dated and signed) when seeking prior approval in accordance with C9.2.2 or C9.2.3. This information shall be submitted at least 120 calendar days prior to the desired effective date of such prior approval.

B9.4.1 The Contractor's name, address, telephone number, and identification of the president, principal officer or managing partner submitting the information.

B9.4.2 A description of the types, expected concentrations and volumes of wastes and designated pollutants to be released in Antarctica; the nature and timing of such releases; arrangements for waste management, including without limitation, plans for waste reduction, minimization, treatment and processing, recycling, storage, transportation and disposal; arrangements for training and educating personnel to comply with these waste management requirements and procedures; and other arrangements for minimizing and monitoring the environmental impacts of proposed operations and activities.

B9.4.3 A description of the types, expected concentrations and volumes of designated pollutants to be used in Antarctica; the nature and timing of such uses; the method of storage of designated pollutants; and a contingency plan for controlling releases in a manner designed to minimize any resulting hazards to health and the environment.

B9.4.4 The desired effective date and duration of such prior approval

B9.4.5 The sufficiency of the information submitted shall be determined by the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director. The Director may waive any request for information, or require such additional information as necessary to the processing and evaluation of the request for prior approval.

### **B9.5** Waste Disposal

The Contractor shall dispose of all wastes generated in the performance of work under this contract and comply in all respects with the USAP Standard Operating Procedures titled *Solid Waste Standard Operating Procedure* (see Section C Exhibits) and *Hazardous Waste Standard Operating Procedure* (see Section C Exhibits).

### **B9.6** Permits

The Contractor, at the sole discretion of the Government, may be required to apply for a permit pursuant to 45 CFR Part 671. Pricing, work and delivery requirements shall be specified in accordance with this contract's "Changes" clause.

### **B10 ANTARCTIC METEORITES**

### **B10.1** Definition

Antarctica has the same meaning as set forth at B8.1.1.

### **B10.2** Prohibited Acts

The Contractor and its personnel shall not collect nor transport meteorites in Antarctica unless the transportation of meteorites is in support of the USAP, NSF science groups, or Grantee programs that have written authorization to transport meteorites. Failure to abide by this section shall result in the removal of the Contractor's personnel from assignment to this contract, and may constitute grounds for a default termination.

### **B11 REQUIRED MEETINGS**

The Contractor shall be responsible for attending up to three conferences per year at various locations in the contiguous United States at no additional cost to the Government. Each conference will typically last two days exclusive of travel. The Contractor's participation at these conferences is required.

### **B12 POST AWARD CONFERENCE**

Contractor will be required to attend a Post Award meeting after award of the contract. This meeting shall be held at the Contractor's facility and will be to review the contract in detail, discuss operational issues associated with Antarctica, identify Points of Contact, and to answer questions.

### **B13 PACKAGING AND SHIPPING**

Unless otherwise specified, all items shall be packaged and marked in accordance with normal commercial practices. If magnetic media is involved, packaging shall be clearly marked identifying the contents as such and with a warning for protection against exposure to magnetic fields or temperature extremes. For greater detail refer to USAP document "INSTRUCTIONS ON PACKAGING AND SHIPPING 2002-2003" on the USAP web site.

### **B14 SHIPPING TO McMURDO STATION, ANTARCTICA**

Items shipped to McMurdo Station (other than personal items) shall be packaged and shipped in accordance with the USAP publication titled *Instructions on Packaging and Shipping* (see Section C Exhibits).

### NOTE

Styrofoam "peanuts" packaging material is prohibited in all packages bound for McMurdo

# C1 CONTRACT TERMS AND CONDITIONS – COMMERCIAL ITEMS (52.212-4 Jun 2010) [Tailored Sept 2005]

### (SEE ADDENDA WHICH FOLLOWS IMMEDIATELY AFTER CLAUSE 52.212-5)

(a) *Inspection/Acceptance*. The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no expense to the government. If repair/replacement or re-performance will not correct the defects or is not possible, the Government may seek an equitable price reduction or adequate consideration for acceptance of nonconforming supplies or services. The Government must exercise its post-acceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(b) *Assignment*. The Contractor or its assignee's may assign its rights to receive payment due as a result of performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency in accordance with the Assignment of Claims Act (31 U.S.C. 3727). However, when a third party makes payment (e.g., use of the Government-wide commercial purchase card), the Contractor may not assign its rights to receive payment under this contract.

(c) *Changes*. Changes in the terms and conditions of this contract may be made only by written agreement of the parties.

(d) *Disputes*. This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 601-613). Failure of the parties to this contract to reach agreement on any request for equitable adjustment, claim, appeal or action arising under or relating to this contract shall be a dispute to be resolved in accordance with the clause at FAR 52.233-1, Disputes, which is incorporated herein by reference. The Contractor shall proceed diligently with performance of this contract, pending final resolution of any dispute arising under the contract.

(e) Definitions. The clause at FAR 52.202-1, Definitions, is incorporated herein by reference.

(f) *Excusable delays.* The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as, acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the CO in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the CO of the cessation of such occurrence.

(g) Invoice.

(1) The Contractor shall submit an original invoice and three copies (or electronic invoice, if authorized,) to the address designated in the contract to receive invoices. An invoice must include--

- (i) Name and address of the Contractor
- (ii) Invoice date and number
- (iii) Contract number, contract line item number and, if applicable, the order number
- (iv) Description, quantity, unit of measure, unit price and extended price of the items delivered

(v) Shipping number and date of shipment, including the bill of lading number and weight of shipment if shipped on Government bill of lading

(vi) Terms of any discount for prompt payment offered

(vii) Name and address of official to whom payment is to be sent;

(viii) Name, title, and phone number of person to notify in event of defective invoice, and

(ix) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.

(x) Electronic funds transfer (EFT) banking information.

(A) The Contractor shall include EFT banking information on the invoice only if required elsewhere in this contract

(B) If EFT banking information is not required to be on the invoice, in order for the invoice to be a proper invoice, the Contractor shall have submitted correct EFT banking information in accordance with the applicable solicitation provision, contract clause (e.g., 52.232-33, Payment by EFT -Central Contractor Registration, or 52.232-34, Payment by EFT-Other Than Central Contractor Registration), or applicable agency procedures

(C) EFT banking information is not required if the Government waived the requirement to pay by EFT.(2) Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and Office of Management and Budget (OMB) prompt payment regulations at 5 CFR part 1315.

(h) *Patent indemnity*. The Contractor shall indemnify the Government and its officers, employees and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark or copyright, arising out of the performance of this contract, provided the Contractor is reasonably notified of such claims and proceedings.

#### (i) Payment

(1) *Items accepted*. Payment shall be made for items accepted by the Government that have been delivered to the delivery destinations set forth in this contract.

(2) *Prompt Payment*. The Government will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR part 1315.

(3) *Electronic funds transfer (EFT)*. If the Government makes payment by EFT, see 52.212-5(b) for the appropriate EFT clause.

(4) *Discount*. In connection with any discount offered for early payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date which appears on the payment check or the specified payment date if an electronic funds transfer payment is made.

(5) *Over-payments*. If the Contractor becomes aware of a duplicate contract financing or invoice payment or that the Government has otherwise overpaid on a contract financing or invoice payment, the Contractor shall --

(i) Remit the overpayment amount to the payment office cited in the contract along with a description of the overpayment including:

(A) Circumstances of the overpayment (e.g., duplicate payment, erroneous payment, liquidation errors, date(s) of overpayment);

(B) Affected contract number and delivery order number, if applicable;

(C) Affected contract line item or sub-line item, if applicable; and

(D) Contractor point of contact.

(ii) Provide a copy of the remittance and supporting documentation to the CO.

(6) *Interest.* (i) All amounts that become payable by the Contractor to the Government under this contract shall bear simple interest from the date due until paid unless paid within 30 days of becoming due. The interest rate shall be the interest rate established by the Secretary of the Treasury as provided in Section 611 of the Contract Disputes Act of 1978 (Public Law 95-563), which is applicable to the period in which the amount becomes due, as provided in (i)(6)(V) of this clause, and then at the rate applicable for each six-month period as fixed by the Secretary until the amount is paid.

(ii) The Government may issue a demand for payment to the Contractor upon finding a debt is due under the contract. (iii) *Final decisions*. The CO will issue a final decision as required by 33.211 if –

(A) The CO and the Contractor are unable to reach agreement on the existence or amount of a debt within 30 days;(B) The Contractor fails to liquidate a debt previously specified in the demand for payment unless the amounts

were not repaid because the Contractor has requested an installment payment agreement; or

(C) The Contractor requests a deferment of collection on a debt previously demanded by the CO (see 32.607-2). (iv) If a demand for payment was previously issued for the debt, the demand for payment included in the final decision shall identify the same due date as the original demand for payment.

(v) Amounts shall be due at the earliest of the following dates:

(A) The date fixed under this contract.

(B) The date of the first written demand for payment, including any demand for payment resulting from a default termination.

(vi) The interest charge shall be computed for the actual number of calendar days involved beginning on the due date and ending on—

(A)The date on which the designated office receives payment from the Contractor;

(B) The date of issuance of a Government check to the Contractor from which an amount otherwise payable has been withheld as a credit against the contract debt; or

(C) The date on which an amount withheld and applied to the contract debt would otherwise have become payable to the Contractor.

(vii) The interest charge made under this clause may be reduced under the procedures prescribed in 32.608-2 of the Federal Acquisition Regulation in effect on the date of this contract.

(j) *Risk of loss*. Unless the contract specifically provides otherwise, risk of loss or damage to the supplies provided under this contract shall remain with the Contractor until, and shall pass to the Government upon:

(1) Delivery of the supplies to a carrier, if transportation is FOB origin; or

(2) Delivery of the supplies to the Government at the destination specified in the contract, if transportation is FOB destination.

(k) Taxes. The contract price includes all applicable Federal, State, and local taxes and duties.

(1) *Termination for the Government's convenience*. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges the Contractor can demonstrate to the satisfaction of the Government using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid or costs incurred which reasonably could have been avoided.

(m) *Termination for cause*. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(n) *Title*. Unless specified elsewhere in this contract, title to items furnished under this contract shall pass to the Government upon acceptance, regardless of when or where the Government takes physical possession.

(o) *Warranty*. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(p) *Limitation of liability*. Except as otherwise provided by an express warranty, the Contractor will not be liable to the Government for consequential damages resulting from any defect or deficiencies in accepted items.

(q) *Other compliances.* The Contractor shall comply with all applicable Federal, State and local laws, executive orders, rules and regulations applicable to its performance under this contract.

(r) *Compliance with laws unique to Government contracts.* The Contractor agrees to comply with 31 U.S.C. 1352 relating to limitations on the use of appropriated funds to influence certain Federal contracts; 18 U.S.C. 431 relating to officials not to benefit; 40 U.S.C 3701, *et seq.*, Contract Work Hours and Safety Standards Act; 41 U.S.C. 51-58, Anti-Kickback Act of 1986; 41 U.S.C. 265 and 10 U.S.C. 2409 relating to whistleblower protections; 49 U.S.C 40118, Fly American; and 41 U.S.C. 423 relating to procurement integrity.

(s) *Order of precedence.* Any inconsistencies in this solicitation or contract shall be resolved by giving precedence in the following order: (1) the schedule of supplies/services; (2) the Assignments, Disputes, Payments, Invoice, Other Compliances, and Compliance with Laws Unique to Government Contracts paragraphs of this clause; (3) the clause at 52.212-5; (4) addenda to this solicitation or contract, including any license agreements for computer software; (5) solicitation provisions if this is a solicitation; (6) other paragraphs of this clause; (7) the Standard Form 1449; (8) other documents, exhibits, and attachments; and (9) the specification.

(t) Central Contractor Registration (CCR)

(1) Unless exempted by an addendum to this contract, the Contractor is responsible during performance and through final payment of any contract for the accuracy and completeness of the data within the CCR database, and for any

liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(2)(i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in FAR Subpart 42.12, the Contractor shall provide the responsible CO a minimum of one business day's written notification of its intention to (A) change the name in the CCR database; (B) comply with the requirements of Subpart 42.12; and (C) agree in writing to the timeline and procedures specified by the responsible CO. The Contractor must provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (q)(2)(i) of this clause, or fails to perform the agreement at paragraph (q)(2)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

(3) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.

(4) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at *http://www.ccr.gov* or by calling 1-888-227-2423 or 269-961-5757.

### C2 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS – COMMERCIAL ITEMS (52.212-5 Jul 2010)

(a) The Contractor shall comply with the following Federal Acquisition Regulations (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

(2) 52.233-3, Protest after Award (AUG 1996) (31 U.S.C. 3553).

(3) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) Public L. 108-77, 108-78)

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the CO has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.203-6, Restrictions on Subcontractor Sales to the Government (SEPT 2006), with Alternate I (SEPT 2006) (41 U.S.C. 253g and 10 U.S.C. 2402).

(2) 52.203-13, Code of Business Ethics and Conduct (APR 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

[(3) 52.203-15, Whistleblower Protections Under the American Recovery and Reinvestment Act of 2009 (JUN 2010) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

(4) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Jul 2010) (Pub. L. 109-282) (31 U.S.C. 6101 Note).

[(5) 52.204-11, American Recovery and Reinvestment Act-Reporting Requirements (JUL 2010) (Pub.L. 111-5).

(6) 52.219-3, Notice of Total HUBZone Small Business Set-Aside (JAN 1999) (15 U.S.C 657a).

[(7) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (JULY

2005) (if the Offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a). [(8) [Reserved]

(9) (i)52.219-6, Notice of Total Small Business Set-Aside (JUNE 2003)(15 U.S.C. 644).

(ii) Alternate I (OCT 1995) of 52.219-6.

(iii) Alternate II (MAR 2004) of 52.219-6.

(10) (i) 52.219-7, Notice of Partial Small Business Set-Aside (JUNE 2003)(15 U.S.C. 644).

(ii) Alternate I (OCT 1995) of 52.219-7.

(iii) Alternate II (MAR 2004 of 52.219-7.

⊠(11) 52.219-8, Utilization of Small Business Concerns (MAY 2004)(15 U.S.C. 637 (d)(2) and (3)).

(12)(i) 52.219-9, Small Business Subcontracting Plan (NOV 2007)(15 U.S.C. 637(d)(4).

(ii)Alternate I (OCT 2001) of 52.219-9.

(iii) Alternate II (OCT 2001) of 52.219-9.

(13) 52.219-14, Limitations on Subcontracting (DEC 1996) (15 U.S.C. 637(a)(14).

(14)(i) 52.219-16, Liquidated Damages – Subcontracting Plan (JAN 1999) (15U.S.C. 637(d)(4)(F)(i).

(15)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns

(OCT 2008)(10 U.S.C. 2323) (if the Offeror elects to waive the adjustment, it shall so indicate in its offer). [(ii) Alternate I (JUNE 2003)of 52.219-23.

[(16) 52.219-25, Small Disadvantaged Business Participation Program-Disadvantaged Status and Reporting (OCT 1999)(Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).

[(17) 52.219-26, Small Disadvantaged Business Participation Program-Incentive Subcontracting (OCT 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).

[(18) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (MAY 2004) (15 U.S.C. 657f).

 $\square$  (19) 52.219-28, Post Award Small Business Program Representation (APR 2009) (15 U.S.C. 632(a)(2).  $\square$  (20) 52.222-3, Convict Labor (JUNE 2003)(E.O. 11755).

(21) 52.222-19, Child Labor-Cooperation with Authorities and Remedies (JUL 2010) (E.O. 13126).

(22) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).

(23) 52.222-26, Equal Opportunity (MAR 2007)(E.O. 11246).

(24) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006)(38 U.S.C. 4212).

⊠(25) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998) (29 U.S.C. 793).

(26) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006)(38 U.S.C. 4212).

(27) 52.222-54, Employment Eligibility Verification (JAN 2009). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)

(28)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (MAY 2008)(42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

[(ii) Alternate I (MAY 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

(29) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007)(42 U.S.C. 8259b).

(30)(i) 52.223-16, IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (DEC 2007)(E.O. 13423).

(ii) Alternate I (DEC 2007) of 52.223-16.

(31) 52.225-1, Buy American Act-Supplies (FEB 2009)(41 U.S.C. 10a - 10d).

(32)(i) 52.225-3, Buy American Act - Free Trade Agreements-Israeli Trade Act (JUN 2009) (41U.S.C.

10a - 10d, 19U.S.C. 3301 note, 19U.S.C. 2112 note, 19U.S.C. 3805 note, Pub. L. 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, and 110-138).

(ii) Alternate I (JAN 2004) of 52.225-3.

(iii) Alternate II (JAN 2004) of 52.225-3.

(33) 52.225-5, Trade Agreements (JUN 2009)(19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).

(34) 52.225-13, Restriction on Certain Foreign Purchases (JUNE 2008) (E.O's, proclamations and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

(35) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (NOV 2007) (42 U.S.C. 5150).

(36) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (NOV 2007) (42.U.S.C. 5150)

(37) 52.232-29, Terms for Financing of Purchases of Commercial Items (FEB 2002)(41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

(38) 52.232-30, Installment Payments for Commercial Items (OCT 1995)(41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

⊠(39) 52.232-33, Payment by Electronic Funds Transfer-Central Contractor Registration (OCT 2003)(31 U.S.C. 3332).

(40) 52.232-34, Payment by Electronic Funds Transfer-Other than Central Contractor Registration (MAY 1999)(31 U.S.C. 3332).

(41) 52.232-36, Payment by Third Party (FEB 2010)(31 U.S.C. 3332).

(42) 52.239-1, Privacy or Security Safeguards (AUG 1996)(5 U.S.C. 552a).

 $\Box$ (43)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006)(46 U.S.C. Appx 1241 and 10 U.S.C. 2631).

(ii) Alternate I (APR 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, which the CO has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-41, Service Contract Act of 1965 (NOV 2007)(41 U.S.C. 351, et seq.).

 $\Box$ (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (MAY 1989)(29 U.S.C. 206 and 41 U.S.C. 351, *et seq.*). (See Exhibits)

(3) 52.222-43, Fair Labor Standards Act and Service Contract Act-Price Adjustment (Multiple Year and Option Contracts) (SEP 2009) (29 U.S.C. 206 and 41 U.S.C. 351, *et seq.*).

(4) 52.222-44, Fair Labor Standards Act and Service Contract Act-Price Adjustment (SEP 2009) (29 U.S.C. 206 and 41 U.S.C. 351, *et seq.*).

(5) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment – Requirements (NOV 2007) (41 U.S.C. 351, *et seq.*).

(6) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services – Requirements (FEB 2009) (41U.S.C. 351, *et seq.*).

[(7) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (MAR 2009) (Pub. L. 110-247).

(8) 52.237-11, Accepting and Dispensing of \$1 Coin (SEPT 2008) (31U.S.C. 5112(p)(1)).

(d) *Comptroller General Examination of Record.* The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records-Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e)(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c) and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause –

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (APR 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

(ii) 52.219-8, Utilization of Small Business Concerns (MAY 2004)(15 U.S.C. 637 (d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small

business concerns) exceeds \$550,000 (\$1,000,000 for construction of any public facility), the sub-contractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iii) [Reserved.]

(iv) 52.222-26, Equal Opportunity (MAR 2007)(E.O. 11246);

(v) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006)(38 U.S.C. 4212);

(vi) 52.222-36, Affirmative Action for Workers with Disabilities (JUNE 1998)(29 U.S.C. 793);

(vii) [Reserved]

(viii) 52.222-41, Service Contract Act of 1965 (NOV 2007) (41 U.S.C. 351, et seq.).

(ix) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)). Flow down required in accordance with paragraph (f) of FAR clause 52.222-50.

(x) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment – Requirements (NOV 2007) (41U.S.C. 351, *et seq.*).

(xi) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services – Requirements (FEB 2009) (41U.S.C. 351, *et seq.*).

(xii) 52.222-54, Employment Eligibility Verification (JAN 2009).

(xiii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (MAR 2009) (Pub. L. 110-247). Flow down required in accordance with paragraph (e) of FAR clauses 52.226-6.

(xiv) 52.247-64, Preference for Privately Owned U.S.- Flag Commercial Vessels (FEB 2006)(46 U.S.C. Appx 1241 and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64).

(2) While not required, the Contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

### ADDENDA TO CONTRACT TERMS AND CONDITIONS

### C3 INSPECTIONS / ACCEPTANCE (52.212-4(a)), the following is added:

### **C3.1** Scheduling Inspections

C 3.1.1 The Contracting Officer's Technical Representative (COTR) will schedule, in writing (email is acceptable), all initial inspections prior to the aircraft's delivery to the Government. Hours for inspection are 0730 to 1630 local time, Monday through Friday (Government holidays excluded) unless otherwise scheduled by the Government. The Contractor may request rescheduling of any inspection; such request must be in writing to the COTR and no later than 20 days prior to the date of the scheduled inspection. The COTR will attempt to accommodate the request, if it does not interfere with other scheduled inspections.

C3.1.2 The inspection will be conducted at the designated base or other location acceptable to the Government at a mutually agreed upon time and date subject to the following: The inspection shall commence not later than 24 days prior to the established date set for deployment, unless a later inspection is mutually agreed upon.

C3.1.3 Location and time of pilot evaluation flights may be the same as established for equipment inspections.

### C3.2 Personnel

C3.2.1 The Contractor's Chief Pilot shall submit annually on Form AMD-64A **no later than August 15** each year, and in no case later than 24 days prior to the delivery date, completed pilot (and mechanic, if applicable) information forms for all personnel that may be utilized under the contract. Information from these forms will assist in evaluating the pilot's and mechanic's qualifications. Only those individuals whose experience/credentials comply with Section B3 of this Contract and whose past experience can be verified from log books, employment records, etc. will be considered for use on this contract. It is the Chief Pilot's responsibility to ensure offered personnel meet the contract's requirements. Concurrent with the Form AMD-64 submission, the Chief Pilot shall state in writing to the CO or his designated representative that all offered personnel records have been screened and comply with Section B3 of this contract.

#### NOTE

Submission by the Chief Pilot of non-qualified personnel to the government shall negatively impact the Past Performance Evaluation for the year in which the submission was submitted. The Contractor shall be assessed unavailability should the submission of non-qualified personnel cause delays to the approval process that ultimately effect the availability of the aircraft on the start date of the season.

C3.2.2 Pilot flight performance evaluation shall be conducted when determined necessary by the COTR to further verify the pilot's ability to perform on this contract. The aircraft used for this evaluation will be the same make, model, and series as offered for this contract, shall be equipped with dual controls, and shall be provided by the Contractor for the evaluation flight(s) at the Contractor's expense. Location of the evaluation flight(s) may include access to terrain similar to that to be flown during the contract period. The determination as to the ability of the pilot, through an evaluation flight, to successfully meet the requirements of this contract, will rest solely with the Government.

C3.2.3 Upon determination that the proposed personnel meet all contract requirements, an Aviation Management Division (AMD) Pilot Qualification Card will be issued. The pilot qualification card shall be in the possession of the pilot and available for inspection at all times during the performance of this contract.

### C3.3 Equipment

If the aircraft and supporting equipment meet all requirements of the contract, the COTR will issue an aircraft data card authorizing use of the aircraft. The aircraft data card must be clearly displayed in the aircraft's cockpit at all times during the contract period.

#### C3.4 Substitute Personnel or Equipment

C3.4.1 Inspection of substitute personnel or equipment shall be requested in writing by the Contractor not later than twenty (20) days prior to deployment to any location unless approved at the initial inspection. The Government will, at no cost to the Contractor, inspect substitute personnel and/or equipment on a basis of one additional inspection per quarter (after the first 60 calendar days).

C3.4.2 Notwithstanding the clause titled *Government-Furnished Office Space, Furnishings and Services*, transportation of substitute aircraft and/or personnel to any location will be at the Contractor's expense. When pilots are exchanged or replaced after the initial pilot approval, any training or familiarization flight time, up to three hours for each replacement pilot as deemed necessary by the Government, shall be accomplished at the Contractor's expense.

### C3.5 Inspection Expenses

C3.5.1 The Contractor shall be responsible for all costs incurred per the following:

C3.5.1.1 Re-inspection of personnel or equipment that did not comply with contract specifications upon initial inspection.

C3.5.1.2 Inspection of substitute personnel or equipment, except as otherwise provided herein.

C3.5.2 Costs may include, but are not limited to, inspector(s) time, transportation, and subsistence computed as follows:

C3.5.2.1 Inspector time at \$75.00 per hour per inspector, for all re-inspection hours including travel time from Boise, Idaho.

C3.5.2.2 Transportation and Subsistence. Actual cost for required personnel.

C3.5.3 Re-inspection costs may be deducted from payments due the Contractor.

### C4 DESIGNATED BASES

C4.1.1 All equipment, facilities, and personnel required under this contract shall be delivered (report) to, and shall be removed (released) from McMurdo Station, Antarctica.

C4.1.2 Aircraft may be required to operate from bases other than those stipulated in the Schedule of Items at the discretion of the Government. Additional allowances specified elsewhere in Section C32 may apply under such circumstances.

### **C5 EXCLUSIVE USE PERIOD**

C5.1 Aircraft furnished under this contract shall be subject to the exclusive use and control of the Government 24 hours per day, seven (7) days per week throughout the exclusive use period and any ordered period of use. The anticipated exclusive use period is set forth in CLINs 1-7. In the event the Government chooses to extend the exclusive use period beyond the anticipated period, payment shall be at the rates set forth in the schedule for additional days of availability.

C5.1.1 Release of aircraft for other use. The contract aircraft are for the exclusive use of the Government 24 hours per day, during the exclusive use period. However, the Government may not use the aircraft each day. At times that the Government may not require the aircraft, the Contractor is encouraged to utilize the aircraft for other uses as long as such use will not adversely impact performance of this contract. Accordingly, the Government will provide the Contractor with advance notice of potential days the aircraft will not be required. The Contractor may request and the Government may agree to release the aircraft for non-Government uses. When released, no payment for availability or flight hours will accrue for the period released.

### C5.2 Availability

F5.2.1 Availability is the period of each day that the aircraft, crew, and all equipment are contractually compliant and available for service as scheduled by the Government.

C5.2.1 The Government will establish the availability period that will not exceed the maximum crew duty limitations as set forth below. The Government may order service beyond the basic twelve (12) hours, however, the total availability period will not exceed the maximum crew duty limitations as follows:

Pilots/Co-Pilots:Maximum of 14 hours per dayMechanic:Maximum of 16 hours per day

### C5.3 Schedule of Operations and Reaction Time

The Government will coordinate daily scheduled operations with the Contractor's designated on-ice representative. The Contractor shall provide availability of service, as directed by the Government, at the times specified in the daily flight schedule.

C5.3.1Should an unscheduled event occur, flight crews shall initiate preflight preparations within 30 minutes of notification of that event.

C5.3.2During weather delays, crews shall maintain continued communications with Government Representatives until conditions improve and flight resumes, until the conclusion of the duty day, or official release from duty as specified below.

C5.3.3 Release From Duty. The Contractor's personnel may be released and be considered off duty. Once released, they cannot be required to return to duty status that day. Service shall be recorded as available provided the Government has approved release of the Contractor's personnel in advance.

#### C5.4 Mechanic Availability

A mechanic shall be available at the base of operations during the periods in which the aircraft is operating in performance of this contract. A mechanic shall be present to service and inspect the aircraft.

C5.4.1 Maintenance During Availability Period

The COTR may approve removal of the aircraft from service to permit the Contractor to perform scheduled or unscheduled maintenance. Approval to remove the aircraft from service shall be wholly discretionary by the Government. Availability shall continue to be measured and paid throughout periods approved for maintenance, PROVIDED:

C5.4.1.1 The Contractor requests permission to remove the aircraft from service well in advance of the maintenance.

C5.4.1.2 The Government, at its discretion, shall have the right to require the Contractor to resume service at any time within the period specified under the schedule of operations.

C5.4.1.3 The aircraft and crew are ready to take off within 60 minutes of any order to resume service.

### C6 UNAVAILABILITY, DAMAGES, AND FAILURE TO PERFORM

### C6.1 Unavailability

C6.1.1 Services shall be recorded as unavailable whenever the Contractor fails to comply with the requirements specified in this contract. Service will continue as unavailable, throughout the period scheduled above, until the failure is corrected, as determined by the Contracting Officer or their designated representative.

C6.1.2 Service shall be recorded as unavailable whenever the aircraft is removed from service for use in inspecting pilots under C3. The Contractor shall notify the COR/COTR of the exact date and time the aircraft is requested to be removed from service. Service shall be recorded as unavailable throughout the entire period, including preparation for inspection and return to service.

C6.1.3 The Contractor shall notify the COR/COTR when the service is again available.

### **C7 MEASUREMENT, PAYMENT AND GUARANTEE**

### C7.1 Measurement of Daily Availability

Availability of service will be measured and recorded in days for the period service is ordered by the CO or COR and performed by the Contractor in accordance with contract specifications. The daily availability rate shall include all fixed and variable costs (depreciation, salaries, overhead, annual inspections, permanent shop facilities, etc.) incurred in providing continuous service, exclusive of those costs directly attributable to actual flight.

### C7.2 Payment for Daily Availability

C7.2.1 Payment will be made for daily availability at the rates set forth in the Schedule of Items except that availability will be reduced for each hour or portion thereof service is listed as unavailable as follows:

SINGLE CREW: 1/14 per hour not to exceed 14/14 per day DOUBLE CREW: 1/20 per hour not to exceed 20/20 per day

C7.2.2 The Government will pay for daily availability for each airplane ordered during the exclusive use period from the date that the Contractor is required to deliver the airplane to the delivery point until it is released from service. Payment for daily availability shall not begin if the airplane is not properly prepared, as determined by the COTR.

### NOTE

The Government shall notify the Contractor of the required actual aircraft delivery date not later than forty-five (45) calendar days prior to the time the aircraft are required at the delivery point.

ARRIVAL AT DELIVERY POINT: Upon arrival at the required delivery point, the Contractor shall ensure that the flight crews receive two days rest prior to beginning services as ordered. <u>Availability will not be paid for the two days of rest</u>. Contractor will be allocated one paid day of Availability per aircraft ordered for unloading and reconfiguration of the aircraft for Antarctic work upon arrival at the required delivery point.

RETURN TO HOME BASE: The Contractor shall prepare the aircraft for return shipment/redeployment. The Contractor will be permitted one day of availability per aircraft to prepare the aircraft for shipment/redeployment prior to its scheduled release time. The airplane shall be considered unavailable if not properly prepared for return shipment/redeployment as determined by the COTR. In the event the Contractor requests that an aircraft be removed from service in sequence that would exceed the allotted period per aircraft, daily availability payments will be suspended for the excess time.

### C7.3 Measurement and Payment for Flight Time

C7.3.1 Flight time shall be defined and reported as the time from the moment an aircraft first moves under its own power for the purpose of taking off until the moment it comes to rest at the end of the flight

C7.3.2 Payment will be made at the rates set forth in the Schedule of Items for all flights ordered by the Government and flown by the Contractor.

### C7.4 Flights for Contractor's Benefit

Payment will not be made for flights for the benefit of the Contractor, such as maintenance test flights, ferrying to and from maintenance facilities, training or familiarization flights (as described in Section C3.4.2), flights required following an engine change, or transportation of Contractor's support personnel.

### **C8 GOVERNMENT-FURNISHED PROPERTY**

#### **C8.1** Ownership and Control

C8.1.1 The Government will retain full ownership and control of all property furnished by the Government. Government-furnished property not consumed in performance shall be surrendered upon demand (i.e., during performance or end of the exclusive use period).

C8.1.2 The Contractor shall execute receipt of property documents for any property furnished by the Government.

C8.1.3 During the term of the contract, certain Government-owned equipment may be assigned to the Contractor. If the equipment is lost, damaged or totally destroyed as a result of the Contractor's negligence or as a result of any accident, the fair market value of the equipment will be charged to the Contractor and withheld from payments due under this contract.

### C8.2 Government-Furnished Property\Equipment For Use

The Government will provide the following equipment for use by the Contractor while deployed to Antarctica. However, notwithstanding the clause **52.245-01 Government Furnished Property**, the Contractor shall not be responsible for its maintenance. The Government will not provide any equipment for the performance of work in the Arctic Polar Regions.

C8.2.1 Common ground servicing equipment; e.g., ladders, work stands, and other general, non-powered equipment,

- C8.2.2 Heated spare parts storage at McMurdo Station and South Pole.
- C8.2.3 Fueling equipment (except as otherwise identified herein)
- C8.2.4 Heaters (Herman-Nelson)
- C8.2.5 Auxiliary Power Units

#### C8.3 Government-Furnished Property\Equipment For Installation

The Government may provide scientific equipment for installation in the Contractor's airplanes to partially satisfy the requirement set forth at Table B5.7.1.4. If approved by the government, the Contractor may temporarily remove this equipment, however, the Contractor is responsible for all cost associated with removal and reinstallation, as well as re-certifying this equipment prior to its reinstallation. The Contractor is also responsible for maintenance and care of this equipment at all times (even while temporarily removed) as required by the clause **52.245-01 Government Furnished Property**.

### **C9** GOVERNMENT-FURNISHED OFFICE SPACE, FURNISHINGS AND SERVICES

#### **C9.1 Government-Furnished For Antarctica**

The Government will furnish at no cost to the Contractor:

C9.1.1 Deploy/Redeployment Transportation

C9.1.1.1 Air transportation (one time) from Pt. Hueneme, CA to Government sites in Antarctica for replacement and/or other equipment and materials not deployed via the Contractor's aircraft

C9.1.1.2 Either surface or air transportation between Government sites in Antarctica and the Pt. Hueneme, CA for equipment and materials not demobilized by the Contractor's aircraft

C9.1.2 Facilities as necessary for personnel assigned to work under this contract in Antarctica

C9.1.2.1 Office Facilities

C9.1.2.1.1 Office space (including maintenance and housekeeping)

C9.1.2.1.2 Utilities, including telephone service

C9.1.2.1.3 General-purpose office equipment and office furniture

C9.1.2.2 Maintenance Facilities

C9.1.2.3 Lodging

C9.1.2.3.1 Food and lodging (double occupancy) for the Contractor's personnel while performing work in Antarctica

C9.1.2.4 Services

C9.1.2.4.1 Meteorology

C9.1.2.4.2 Air traffic control

C9.1.2.4.3 Waste disposal and spill clean-up

C9.1.2.4.4 Access to the USAP Medical Clinics

C9.1.2.4.5 Oxygen shall be available to flight crews at South Pole Station upon request, unless not available due to higher priority medical requirements.

C9.1.2.5 Vehicle: the Government shall provide, <u>from a pool of vehicles</u>, a vehicle to be used to transport Contractor staff to and from McMurdo and airfields

C9.1.3 Personal Gear

C9.1.3.1 Extreme cold weather gear for use in Antarctica (other than that required elsewhere by this contract)

C9.1.3.2 Other items required per the USAP Personnel Manual, such as sunglasses and personal toiletry items, are the responsibility of the Contractor.

C9.1.4 Airport facilities: The Government shall provide office space to include work desk, phone, and computer with internet and storage area for reference manuals. Space will be provided for Do Not Freeze (DNF) and hazmat items. Maintenance facilities shall be provided to the Contractor while in McMurdo.

#### **C9.2** Government-Furnished For Arctic

For work in the Arctic, any transportation, facilities, lodging, services or personal gear provided by the Government will be identified on each order; however, the Contractor shall be prepared to provide their own services for Arctic work.

### C10 AFTER-OPERATIONS REPORT

The Contractor shall annually prepare and furnish copies of an After-Operations Report, detailing for the period from each March through the following February:

(a) status of all <u>major</u> events and activities identified in this contract, and other correspondence from the CO;

(b) a summary of all NSF-approved changes to the contract since the beginning of the contract;

(c) a concise summary of all work performed during the reporting period, including

1. flight hours by airplane by day, segregated by location (i.e., Arctic or Antarctic);

2. days of no flight or partial flight, with explanation as to why (e.g., weather; maintenance; etc)

3. days detached to other sites (e.g., deployed to CTAM; WAIS; etc), inclusive of data per items 1 and 2

above

- 4. and any problems encountered;
- (d) a summary of all unscheduled heavy maintenance performed on aircraft used in the performance of the contract;
- (e) a summary and detail of any and all aircraft Incidents or Mishaps;
- (f) a financial report for the period;

(g) a cumulative financial report for the contract; and

(h) future plans and actions required of the Government.

The After Operations Report shall be submitted to the NSF NLT 1 May following the conclusion of each season.

### C11 CONTRACTOR DATA REQUIREMENTS

#### C11.1 Contractor-Provided Data

The Contractor shall provide the Government the following data at the intervals indicated:

C11.1.x	Description	Interval	Contract Ref	Notes
1	List of installed items required to be overhauled or replaced on a specified time basis	Prior to initial aircraft inspection	B6.5.3	(3)
2	List of FAA ADs and required MMSBs on the make and model of aircraft offered	Upon request	B6.6	(3)
3	Contractor's 14 CFR 135.21 procedures manual	Upon request	B6.8.3	(3)(7)(8)
4	Report concerning allowable exceptions to the prohibited acts described at Section B8.2	W/in five calendar days of event	<b>B</b> 8.3.4	(1)
5	Report concerning allowable exception to the prohibited acts described at Section B9.2	W/in five calendar days of event	<b>B</b> 9.3.2	(1)
6	Prior approval to use or release designated pollutants in Antarctica	120 calendar days prior to desired approval	B9.4	(1)
7	Prior approval to use or release waste in Antarctica	120 calendar days prior to desired approval	B9.4	(1)
8	Form AMD-64A – Airplane Pilot Qualifications and Approval	Annually; No later than August 15	C3.2.1	(2)(3)
9	After-Operations Report	Annually, NLT 1 May	C10	(5)(6)(11)
10	Copies of reports submitted to the FAA or other civil aviation authorities	Simultaneously with original submission	C17.1	(3)
11	Information needed to complete NTSB Form 6120.1/2	W/in one calendar day of event	C18.3.1	(9)
12	Form AMD-34 or FS 5700-14, SafeCom	W/in five calendar days of event	C18.3.2	(9)
13	Aircraft Use Report - Aviation Management System	Bi-weekly	C20	(1)
14	Security investigation form(s)	W/in seven working days of receipt	C22	(1)
15	Medical and dental examination forms	Upon completion	C23	(10)

Note (1): Submit as described per contract reference.

- Note (2): No later than 14 days prior to delivery of airplanes to the delivery point.
- Note (3): Submit to the COTR per AMD appointment.
- Note (4): Reserved for future use.
- Note (5): Submit NLT 1May, 2011 and annually thereafter.
- Note (6): Submit three copies each to the CO. Copies may be electronic.
- Note (7): Submit revisions as they are published.
- Note (8): Submit to NSF Program Manager.
- Note (9): Submit to AMD Aviation Safety Manager (ASM) with copy to NSF/OPP Health and Safety Officer.
- Note (10): Submit as described therein.
- Note (11): Contractor shall not use, release to others, reproduce, distribute or publish this without the CO's written authorization per the authority of the clause titled *Rights in Data General*, Paragraph (d)(1).

### C11.2 Addresses For Submission

Data shall be submitted as directed to the following addresses:

C11.2.1 DOI/AQD Contracting Officer:

Interior Business Center, Acquisitions Services Directorate 300 E. Mallard Dr., Ste. 200 Boise, ID 83706-3991 ATTN: Michael Willis, Contracting Officer

C11.2.2 OAS Aviation Safety Manager:

National Business Center, Aviation Management Directorate 300 E. Mallard Dr., Ste. 200 Boise, ID 83706-3991 ATTN: Keith Raley, Aviation Safety Manager

C11.2.3 NSF Program Office:

National Science Foundation Office of Polar Programs 4201 Wilson Boulevard, Room 755.17 Arlington, VA 22230 ATTN: Michael Scheuermann, Program Manager

### C12 FAR CLAUSES INCORPORATED BY REFERENCE

NOTICE LISTING CLAUSES INCORPORATED BY REFERENCE

Federal Acquisition Regulations (48 CFR Chapter 1) Clauses

52.245-01	GOVERNMENT FURNISHED PROPERTY	AUG 2010
52.242-17	GOVERNMENT DELAY OF WORK	APR 1984

### **C13 CONTRACTS**

C13.1 One conformed copy of the contract will be furnished to the Contractor.

**C13.2** The Contractor shall maintain a copy of the contract and all modifications at its base of operations throughout the contract's term.

### **C14 AUTHORITY OF GOVERNMENT PERSONNEL**

(a) The CO is the only individual authorized to enter into or terminate this contract, modify any term or condition of this contract, waive any requirement of this contract, or accept nonconforming work.

(b) The CO will designate a Contracting Officer's Representative (COR) at time of award. The COTR will be the CO's designated representative and shall be responsible for technical monitoring of the Contractor's performance and deliveries. The COR will be appointed in writing, and a copy of the appointment will be furnished to the Contractor. Changes to this delegation will be made by written changes to the existing appointment or by issuance of a new appointment. The COR for this contract will be:

Mr. Andrew Barry Office of Aviation Services 300 E. Mallard Dr. Ste 200 Boise, ID 83706

Phone: (208) 433-5080 Fax: (208) 433-5085

(c) The COR is not authorized to perform, formally or informally, any of the following actions:

- 1) Promise, award, agree to award, or execute any contract, contract modification, or notice of intent that changes or may change this contract;
- 2) Waive or agree to modification of the delivery schedule;
- 3) Make any final decision on any contract matter subject to the Disputes Clause;
- 4) Terminate, for any reason, the Contractor's right to proceed;
- 5) Obligate in any way, the payment of money by the Government.

(d) The Contractor shall comply with the written or oral direction of the CO or authorized representative(s) acting within the scope and authority of the appointment memorandum. The Contractor need not proceed with direction that it considers to have been issued without proper authority. The Contractor shall notify the CO in writing (email is acceptable), with as much detail as possible, when it is perceived the COR has taken an action or has issued direction (written or oral) that the Contractor considers to exceed the COR's appointment, within 2 days of the occurrence. Unless otherwise provided in this contract, the Contractor assumes all costs, risks, liabilities, and consequences of performing any work it is directed to perform that falls within any of the categories defined in paragraph (c) prior to receipt of the CO's response issued under paragraph (e) of this clause.

(e) The CO shall respond in writing within 30 days to any notice made under paragraph (d) of this clause. A failure of the parties to agree upon the nature of a direction, or upon the contract action to be taken with respect thereto, shall be subject to the provisions of the Disputes clause of this contract.

(f) The Contractor shall provide copies of all correspondence to the CO and the COR.

(g) Any action(s) taken by the Contractor, in response to any direction given by any person acting on behalf of the Government or any Government official other than the CO or the COR acting within his or her appointment, shall be at the Contractor's risk.

### **C15 CONTRACTOR'S ON-SITE STATION SUPERVISOR**

For work performed in Antarctica or other locations designated by the Government, the Contractor shall designate an on-site manager, with full authority to receive instruction and act on the firm's behalf. The Contractor shall provide this designation to the CO no later than 1 October 2011 and/or upon change of delegation. This authority need not include the authority to bind the firm contractually. However, the individual shall have knowledge of the duties and responsibilities of the Government personnel identified herein. This individual shall be a working manager whose collateral duties may involve flying (i.e. currency requirements, replacement of medically down pilot, etc), however not as their primary role and shall be available to manage issues promptly and effectively. In addition, the Contractor shall designate an alternate on-site manager to function in the place of the on-site manager in his/her absence. The on-site manager or his/her alternate shall supervise the execution of the fixed wing flight schedule, be available and off of the daily flight schedule at all times when the Contractor's employees are working in Antarctica. Contractor will arrange for a dedicated On Site Station Supervisor for time periods when more than three (3) Twin Otters and one (1) Basler aircraft are deployed in Antarctica under this contract.

### **C16 CHOICE OF LAW**

This contract shall be construed and interpreted in accordance with the substantive laws of the United States of America. By the execution of this contract, the Contractor expressly agrees to waive any rights to invoke the jurisdiction of local national courts where this contract is performed and agrees to accept the exclusive jurisdiction of the Interior Board of Contract Appeals and the United States Court of Federal Claims for the hearing and determination of any and all disputes that may arise under the Disputes clause of this contract. Furthermore, the Contractor expressly agrees to recognize the jurisdiction and authority of the U.S. National Transportation Safety

Board, its agents and its employees in the conduct of investigations determined to be necessary by the Board as a consequence providing flight services under this contract.

### **C17 SAFETY AND ACCIDENT PREVENTION**

### C17.1 FAA Reporting Requirements

The Contractor shall furnish to the CO a copy of all reports required to be submitted to the FAA by the Federal Aviation Regulations, or other civil aviation authority, in accordance with 14 CFR that relate to pilot and maintenance personnel performance, aircraft airworthiness or operations.

C17.1.1 Examples of these reports are paragraphs 14 CFR Part 135.415 Mechanical Reliability Reports and Part 135.417 Mechanical Interruption Summary Reports required of the Federal Aviation Regulations, 49 CFR Part 830, and FAA Form 8010-4, Malfunction or Defect Report.

### C17.2 Determination of Compliance

Following the occurrence of a mishap, the CO will evaluate whether noncompliance or violation of provisions of the contract, the Federal Aviation Regulations applicable to the Contractor's operations, company policy, procedures, practices, programs, and/or negligence on the part of the company officers or employees may have caused or contributed to the mishap. The Contractor shall fully cooperate with the CO in the fulfillment of this clause.

### C17.3 Safety Programs

The Contractor shall keep and maintain programs necessary to assure safety of ground and flight operations. The development and maintenance of these programs are a material part of the performance of the contract.

C17.3.1 Examples of such programs are:

- Personnel activities
- Maintenance
- Safety
- Compliance with regulations

### C18 MISHAPS

### C18.1 Definitions

As used throughout this contract, the following terms shall have the meaning set forth below:

C18.1.1 *Aircraft Accident* means an occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight and all such persons have disembarked, and in which any person suffers death or serious injury, or in which the aircraft receives substantial damage. For purposes of this part, the definition of "aircraft accident" includes "unmanned aircraft accident," as defined herein.

C18.1.2 Airspace Conflict means a near mid-air collision, intrusion, or violation of airspace rules.

C18.1.3 *Aviation Hazard* means any condition, act, or set of circumstances that exposes an individual to unnecessary risk or harm during aviation operations.

C18.1.4 Fatal Injury means any injury which results in death within 30 days of the accident.

C18.1.5 *Incident* means an occurrence other than an accident, associated with the operation of an aircraft, which affects or could affect the safety of operations.

C18.1.6 *Incident with Potential* means an incident that narrowly misses being an accident and in which the circumstances indicate significant potential for substantial damage or serious injury. Classification of an incident as an "Incident with Potential" is determined by the agency Aviation Safety Officer (ASO.)

C18.1.7 *Maintenance Deficiency* means an equipment defect or failure which affects or could affect the safety of operations, or that causes an interruption to the services being performed.

C18.1.8 *Operator* means any person who causes or authorizes the operation of an aircraft, such as the owner, lessee, or bailee of an aircraft.

C18.1.9 *SafeCom* means an agency Aviation Safety Communiqué used to report any condition, observance, act, maintenance problem, or circumstance that has potential to cause an aviation related accident (Form AMD-34 or FS 5700-14).

C18.1.10 *Serious Injury* means any injury which: (1) Requires hospitalization for more than 48 hours, commencing within 7 days from the date of the injury was received; (2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); (3) causes severe hemorrhages, nerve, muscle, or tendon damage; (4) involves any internal organ; or (5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

C18.1.11 *Substantial Damage* means damage or failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component. Engine failure or damage limited to an engine if only one engine fails or is damaged, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, and damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

### C18.2 Mishap Reporting

C18.2.1 The Contractor shall immediately, and by the most expeditious means available, notify the National Transportation Safety Board (NTSB), the civil aviation authority in the country that the aircraft are certificated, the Office of Aircraft Service's Aviation Safety Officer (ASO), and the NSF's Safety and Health Officer (S&HO) when an "Aircraft Accident" or NTSB reportable "Incident" occurs.

C18.2.2 The ASO and S&HO shall immediately be notified when an "Incident with Potential" occurs.

C18.2.3 The toll free 24-hour Interagency Aircraft Accident Reporting Hot Line number is: 1-888-4MISHAP (1-888-464-7427). The NSF's S&HO, Mr. James Karcher, is available at 1-703-292-7477. Cell is 703-819-0283.

### C18.3 Forms Submission

C18.3.1 Following an "Aircraft Accident" or when requested by the NTSB following the notification of a reportable "Incident," the Contractor will provide the ASO with information necessary to complete a NTSB Form 6120.1/2. A copy of this information shall be submitted to the S&HO.

C18.3.2 The NTSB Form 6120.1/2 does not replace the Contractor's responsibility, within 5 days of an event, to submit to the agency ASO a "SafeCom" to report any condition, observance, act, maintenance problem, or circumstance which has potential to cause an aviation-related mishap. Submission via the internet at <u>http://nbc.amd.gov</u> is preferred. Blank SafeComs can be obtained from agency ASMs. A copy of this information shall be submitted to the S&HO.

### C18.4 Pilot Suspension

C18.4.1 Upon classification of a mishap as an "Aircraft Accident" by the NTSB, a pilot operating under this contract <u>will</u> be suspended by the DOI Investigator in Charge (IIC) from performing pilot duties under this contract and any other activity authorized under the Interagency Pilot Qualification Card issued to the pilot.

C18.4.2 Upon classification of an incident as an "Incident with Potential" by the AMD ASM, a pilot operating under this contract <u>may</u> be suspended by the DOI IIC from performing pilot duties under this contract and any other activity authorized under the Interagency Pilot Qualification Card issued to the pilot. The AMD ASM may take suspension action if an immediate safety concern is indicated.

C18.4.2 Whenever the pilot is suspended by the DOI IIC, the pilot Qualification Card shall be surrendered to the DOI IIC. Suspension will continue until:

C18.4.3.1 Rescinded by the CO or designated technical representative, or

C18.4.3.2 Revocation action is taken by AMD in accordance with procedures contained in Interior Departmental Manual 351 DM 3. A copy of these procedures is available from AMD upon request.

### C18.5 Preservation Requirements

C18.5.1 The Contractor shall not permit removal or alteration of the aircraft, aircraft equipment or records following an Aircraft Accident, Incident, or Incident with Potential, until authorized to do so by the CO or other authorized agency representative. Exceptions are when threat to life or property exists; the aircraft is blocking an airport runway, etc. The CO or COTR shall be immediately notified when such actions take place.

C18.5.2 The NTSB's or other civil aviation authorities' release of the wreckage does not constitute a release by the CO.

#### C18.6 Mishap Investigations

The Contractor shall maintain an accurate record of all aircraft accidents, incidents, aviation hazards and injuries to Contractor or Government personnel arising in the course of performance under this contract. Further, the Contractor fully agrees to cooperate with the Government during an investigation. This includes, but is not limited to: (1) making personnel available for interviews by Government investigators; (2) making personnel available for sampling of blood and other bodily fluids for analysis; and (3) making personnel records, aircraft records, and any equipment, damaged or undamaged, deemed necessary by the agency available for inspection. Non-compliance is cause for contract termination.

### C18.7 Costs Related to Investigation

The Government will be responsible for any costs, including necessary transportation, associated with the disassembly of the aircraft or any of its components deemed necessary by the AMD and/or other Investigators-In-Charge. The Contractor will be fully responsible for any cost associated with the reassembly, approval for return-to-service, and return transportation of any items disassembled by the Government.

#### C18.8 Rescue and Salvage Responsibilities

The cost of search, rescue and salvage operations made necessary due to causes other than negligent acts of a Government employee shall be the responsibility of the Contractor.

### **C19 REPLACEMENT OF PERSONNEL - CONTRACTOR PERSONNEL CONDUCT**

### C19.1 Contractor Personnel

The Contractor shall be responsible for the furnishing of personnel fully qualified to perform the services as provided for in this contract. As a designated representative of the Contractor, Contractor personnel are expected to perform and act in a professional manner at all times. The Contractor shall be fully responsible for the actions of Contractor employees during the performance term of this contract. NSF has a zero tolerance for fisticuffs or other

pugilistic actions; such behavior will result in immediate removal of involved personnel from the ice, with concomitant replacement of such personnel at the Contractor's expense.

### C19.2 Rules of Conduct

Performance of contract services will involve work and/or residence on Federal and other national Antarctic program facilities. Contractor employees are expected to follow the rules of conduct established by the manager of such facilities that apply to all (both Government or non-Government) personnel working or residing on such facilities.

#### C19.3 Replacement of Personnel

The Contractor's employees are an integral element of the project for which the aircraft was acquired. As a team member, cooperation, within the scope of this contract, is essential to the successful completion of the effort. Personnel who perform ineffectively, refuse to cooperate in the fulfillment of the project objectives, are unable or unwilling to adapt to communal and/or field living conditions, or whose general performance is unsatisfactory or otherwise disruptive, shall be replaced by the Contractor. Pilots who fly recklessly or fail to follow safe operating practices shall be replaced by the Contractor. The Government has sole discretion as to when replacement of Contractor personnel is warranted. When conditions warrant, the Government may request immediate removal of Contractor personnel from performance under the contract. When immediate removal of the Contractor's personnel is required by the Contractor shall immediately direct the identified personnel to leave the facilities. Failure of the Contractor to fulfill their crew requirements as a result of the removal of personnel from the contract will result in the aircraft being unavailable.

#### C19.4 Unsatisfactory / Unsafe Performance

The Contractor shall be notified by the CO, or designated representative, of all unsatisfactory conduct or performance, stating the conditions of unsatisfactory or unsafe performance by his personnel. An opportunity for corrective action may be afforded when the conditions warrant. When directed by the CO, the Contractor shall replace unacceptable personnel in a time period as mutually agreed upon.

#### C19.5 Determination of Unacceptability

The decision as to unacceptability shall be at the sole discretion of the CO. Failure to replace a Contractor employee based upon the conditions set forth herein, may also constitute a basis for Termination for Cause.

### **C20 BILLING AND PAYMENT REQUIREMENTS**

#### C20.1 Designated Agency Office and Payment Office

C20.1.1 The office identified in Block 18a of the SF 1449 is the office designated by the contract to issue payments. It is the Contractor's responsibility to submit invoices as identified below.

C20.1.2 The Contractor may submit invoices every two weeks starting the first day services begin. Services provided must be shown on a daily basis.

C20.1.3 Invoicing and the issuance of payments will be accomplished through a DOI Government provided electronic payment system, the Aviation Management System (AMS). The Contractor will be required to enter/confirm electronic data on a web-based application with payment submission on intervals as stated above. The Government will provide advance information concerning the details of the system.

### C20.2 Guarantee

It is the Contractor's responsibility to compute and submit a properly detailed "Aircraft Use Report" in the Aviation Management System (AMS) for any guarantee due under the contract. Contract D12PC00113 Mod 19 EPA- NSF 70

#### C20.3 Improper Invoices

The Contractor will be notified in accordance with the provisions of the Prompt Payment Act if the invoice (Aircraft Use Report in AMS) is not properly completed. If the invoice in determined to be improper, the payment due date will then be computed from the date of receipt by the designated billing office of the properly completed Aircraft Use Report.

#### C20.4 Disputed Payments

Claims for payment of supplies or services that involve disagreements between the Government and the Contractor about quantity, quality, or Contractor compliance with contract requirements, must be submitted separately and will be processed in accordance with the Disputes clause 52.212-4 (d).

### **C21 HOLIDAYS AND LEAVE**

General administrative or holiday leave (as observed locally) may be granted by the NSF Director, by the Office of Personnel Management, by the Senior U.S. Representative in Antarctica, or other local Government authority due to inclement weather or other compelling reason. Any such leave will also apply to Contractor personnel assigned to work at an NSF site.

### **C22 PERSONNEL SECURITY REQUIREMENTS**

#### **C22.1 NSF Security Requirement**

If required by NSF, each position under this contract will be assigned a position sensitivity level based upon the criteria in Chapter IX, National Science Foundation (NSF) Personnel Manual No. 14.

The position sensitivity level will be determined by the NSF personnel Security Officer.

For each position classified as sensitive, the Contractor shall be provided appropriate security investigation forms by the NSF Personnel Security Officer and shall be responsible for furnishing them to the employee occupying, or proposed to occupy, the position under this contract. The employee must complete the forms and deliver them in person within seven (7) days from the date the forms are furnished to the Contractor to:

National Science Foundation Head, Personnel Processing Services Center Division of Human Resource Management Room 315 4201 Wilson Boulevard Arlington, VA 22230

Failure to return the completed security investigation forms in person within seven (7) working days shall be cause for making a determination that the employee may not perform, or continue to perform, in the case of contracts in effect at the date of issuance of this requirement, in any sensitive capacity under the contract, whether on-site or offsite. The employee may be eligible for reinstatement to the contract if the completed forms are submitted after the seven-day period, at the discretion of the NSF Personnel Security Officer.

Cost for conducting the required personnel investigation will be paid by NSF. Investigations will be conducted in accordance with Office of Personnel Management minimum investigative requirements.

If an investigation report contains information that is deemed significant or derogatory, a determination will be made with regard to the Employee's eligibility to serve in the subject position by the NSF Personnel Security Officer, pending adjudication or other disposition of the case.

The Contractor is required to insert terms that conform substantially to the language of this clause, including this paragraph, in all subcontracts under this contract.

#### **C22.2** Contractor Personnel Security Requirements

C22.2.1 It has been determined that Contractor personnel utilized in the support of this contract will not be allowed routine and regular unsupervised access to a federally controlled facility for more than 180 days, nor will they need unsupervised access to a Federally controlled Level 3 or 4 information system.

C22.2.2 Contractor employees utilized in support of this contract will be treated as visitors (uncredentialed Contractor) and not be required to receive background investigations and credentialing. However, uncredentialed Contractors may be subject to the screening processes utilized at each federally controlled facility where the Contractor services are required. At a minimum, Contractor employees will be issued a temporary/visitor badge and shall display it at all times during contract performance when accessing a federally controlled facility. The COTR is responsible for ensuring that all Contractor employees are issued a temporary/visitor badge.

#### C22.3 Information Technology Security

C22.3.1 The Contractor is required to take Information Security Awareness Training prior to deployment to Antarctica each year. See Section C Exhibits.

C22.3.2 The Contractor shall comply with all information technology requirements for connecting personal computers to the USAP networks. See Section C Exhibits.

### C23 MEDICAL AND DENTAL QUALIFICATION OF CONTRACTOR PERSONNEL

In addition to any other medical or dental requirements established by this contract, persons traveling to Antarctica are subject to medical evaluation to determine whether the individual is physically qualified for deployment to Antarctica (see 45 CFR 675). Medical and dental criteria are enumerated in the Medical Screening Guidelines for the United States Antarctic Program (1998). Deployment of Contractor personnel to Antarctica is contingent upon medical and dental qualification (see Section C Exhibits for USAP medical and dental examination forms).

### **C24 CONTRACT PERIOD**

The contract period will be from date of award through August 31, 2012, unless otherwise extended as allowed herein. The start date is based on the assumption that the Contractor will receive notification of contract award at least 120 days before the start date. If notice of award is not received at least 120 days in advance of the start date, the exclusive use period will start 120 calendar days after notice of award is received. With the written concurrence of both parties, service may begin prior to that date.

The contract period for option years are as follows:

Year 2: September 1, 2012 through August 31, 2013 Year 3: September 1, 2013 through August 31, 2014 Year 4: September 1, 2014 through August 31, 2015 Year 5: September 1, 2015 through August 31, 2016

# C25 OPTION TO EXTEND THE TERM OF THE CONTRACT (48 CFR 52.217-9, Mar 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor at least 30 days prior to expiration of the contract.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) Options exercised prior to the availability of funds for a new fiscal year are subject to FAR 52.232-18 Availability of Funds, which is incorporated by reference.

(d) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 66 months (5.5 years).

### C26 OPTION TO EXTEND SERVICES (48 CFR 52.217-8, Nov 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. This option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The CO may exercise the option by written notice to the Contractor prior to the expiration of the contract.

### **C27 UNILATERAL EXTENSION OF EXCLUSIVE USE PERIOD**

The Government may order additional days of service under the contract on a day-to-day basis, either prior to the established starting date or subsequent to the ending date. The contract terms, conditions, specifications and prices will apply to such extension.

### **C28 AVAILABILITY OF FUNDS**

Funds are not presently available for any award term periods earned. The Government's obligation under this contract concerning award term periods earned is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are made available to the CO for the award term periods and until the Contractor receives notice of such availability, to be confirmed in writing by the CO.

### **C29 INCREMENTALLY-FUNDED FIXED-PRICE CONTRACT**

As identified by the clause titled *Limitation of Government's Obligation*, this is an incrementally funded, fixed-price contract. Upon receipt of the Contractor's notice under paragraph (c) of the clause titled *Limitation of Government' Obligation*, the CO shall promptly provide written notice to the Contractor that the Government is:

- Allotting additional funds in a specified amount for continued performance;
- Terminating the contract; or
- Considering whether to allot additional funds; and (*i*) the Contractor is entitled to stop work in accordance with paragraph (b) of the clause; and (*ii*) any costs expended beyond the amount specified in the modification as the limitation of the Government's obligation are incurred at the Contractor's risk.

Should the Government determine that the contract will receive no further funds, the CO shall promptly give notice of the Government's decision and terminate for the convenience of the Government.

### C30 LIMITATION OF GOVERNMENT'S OBLIGATION (AUGUST 1993)

(a) All CLINs are incrementally funded. For these item(s), the sum of \$1 of the total price is presently available for payment and allotted to this contract. An allotment schedule is set forth in paragraph (i) of this clause.

- (b) For item(s) identified in paragraph (a) of this clause, the Contractor agrees to perform up to the point at which the total amount payable by the Government, including reimbursement in the event of termination of those item(s) for the Government's convenience, approximates the total amount currently allotted to the contract. The Contractor will not be obligated to continue work on those item(s) beyond that point. The Government will not be obligated in any event to reimburse the Contractor in excess of the amount allotted to the contract for those item(s) regardless of anything to the contrary in the clause entitled "Termination for Convenience of the Government." As used in this clause, the total amount payable by the Government in the event of termination of applicable contract line item(s) for convenience includes costs, profit, and estimated termination settlement costs for those item(s).
- (c) Notwithstanding the dates specified in the allotment schedule in paragraph (i) of this clause, the Contractor will notify the CO in writing at least ninety days prior to the date when, in the Contractor's best judgment, the work will reach the point at which the total amount payable by the Government, including any cost for termination for convenience, will approximate 85 percent of the total amount then allotted to the contract for performance of the applicable item(s). The notification will state (1) the estimated date when that point will be reached and (2) an estimate of additional funding, if any, needed to continue performance of applicable line items up to the next scheduled date for allotment of funds identified in paragraph (i) of this clause, or to a mutually agreed upon substitute date. The notification will also advise the CO of the estimated amount of additional funds that will be required for the timely performance of the item(s) funded pursuant to this clause, for a subsequent period as may be specified in the allotment schedule in paragraph (i) of this clause or otherwise agreed to by the parties. If after such notification additional funds are not allotted by the date identified in the Contractor's notification, or by an agreed substitute date, the CO will terminate any item(s) for which additional funds have not been allotted, pursuant to the clause of this contract entitled "Termination for Convenience of the Government."
- (d) When additional funds are allotted for continued performance of the contract line item(s) identified in paragraph (a) of this clause, the parties will agree as to the period of contract performance which will be covered by the funds. The provisions of paragraphs (b) through (d) of this clause will apply in like manner to the additional allotted funds and agreed substitute date, and the contract will be modified accordingly.
- (e) If, solely by reason of failure of the Government to allot additional funds, by the dates indicated below, in amounts sufficient for timely performance of the contract line item(s) identified in paragraph (a) of this clause, the Contractor incurs additional costs or is delayed in the performance of the work under this contract and if additional funds are allotted, an equitable adjustment will be made in the price or prices (including appropriate target, billing, and ceiling prices where applicable) of the item(s), or in the time of delivery, or both. Failure to agree to any such equitable adjustment hereunder will be a dispute concerning a question of fact within the meaning of the clause entitled "Disputes."
- (f) The Government may at any time prior to termination allot additional funds for the performance of the contract line item(s) identified in paragraph (a) of this clause.
- (g) The termination provisions of this clause do not limit the rights of the Government under the clause entitled "Default." The provisions of this clause are limited to the work and allotment of funds for the contract line item(s) set forth in paragraph (a) of this clause. This clause no longer applies once the contract is fully funded except with regard to the rights or obligations of the parties concerning equitable adjustments negotiated under paragraphs (d) and (e) of this clause.
- (h) Nothing in this clause affects the right of the Government to terminate this contract pursuant to the clause of this contract entitled "Termination for Convenience of the Government."
- (i) The parties contemplate that the Government will allot funds to this contract in accordance with the following schedule:

On execution of contract	\$1
October 15, 2011	\$TBD
October 15, 2012	\$TBD
October 15, 2013	\$TBD
October 15, 2014	\$TBD
October 15, 2015	\$TBD

### C31 INSURANCE AND ECONOMIC PRICE ADJUSTMENT

### C31.1 AIRCRAFT INSURANCE

The Contractor must maintain as a minimum, aircraft insurance coverage required by 14 CFR, Part 205, during contract performance.

### C31.2 ECONOMIC PRICE ADJUSTMENT



### C32 ADDITIONAL PAY ITEMS

Claims for additional pay items addressed herein must be documented on the invoice for payment and supported by invoice(s) and/or document(s), as required below. The Government will not pay claims submitted with incomplete or missing supporting documentation.

C32.1 <u>Subsistence Allowance</u>. A claim for a subsistence allowance (lodging and/or meals) may be made for each authorized crewmember's overnight stay, including mandatory days off, when assigned to a base away from the designated base subject to the following:

C32.1.1 The Government, at its option, may provide meals and/or lodging (which may be remote field or camp accommodations).

C32.1.1.1 No additional amount(s) shall be paid for lodging taxes, occupancy sales tax, city tax, or such taxes or other costs that may be imposed by lodging facilities at any location. No additional amount shall be paid for lodging amounts that exceed the FTR applicable standard or high rates.

NOTE: Any invoice that includes amounts in excess of the FTR specified locality rates will be rejected for payment. The Contractor will be required to re-submit payment for the appropriate FTR specified rate.

NOTE: Any invoice submission that includes amounts in excess of the FTR specified locality rates will be rejected for payment. The Contractor will be required to resubmit at the FTR allowable rate for the overnight area.

C32.1.1.2 No lodging receipts are required to support the subsistence claim.

C32.1.2 If the Contractor does not use Government provided meals and/or lodging, the Government will not pay for Contractor costs incurred for travel to alternate meal or lodging locations.

C32.1.3 Unless the Government makes three meals available to the Contractor's employees, the applicable FTR total rate for meals and incidental expenses will be paid.

C32.1.4 If partial subsistence, either three meals or lodging, is provided by the Government, the Contractor will be paid at current FTR rates for the portion that is Contractor provided. Lodging will be handled as stated above. Current rates established by the FTR are:

### **STANDARD**

Meals and Incidental Expense: (b) (4) Lodging: (b) (4) Total: (b) (4)

### HIGH RATE

For current FTR per diem rates see Internet site http://www.gsa.gov/portal/category/21287.

C32.1.5 <u>Miscellaneous Contractor Costs</u>. Miscellaneous unforeseeable costs that cannot be recovered through the contract payment rates and that are the direct result of ordered services away from the designated base may be paid at actual costs, when authorized in advance by the COR. Examples of such items are airport use costs (tie-downs) and truck permits at ports-of-entry, etc.. The Contractor must support any cost exceeding \$75.00 with an itemized, paid invoice.

C32.1.6 <u>Landing Fees</u>. The Government will pay the Contractor for all landing fees the Contractor is required to pay. The Contractor must support any cost exceeding \$75.00 with an itemized, paid invoice.

C32.1.7 Government Miscellaneous Charges

The Government will deduct payment for miscellaneous charges for goods or services furnished to the Contractor.

C32.3 Airframe Modifications

The contractor shall be reimbursed for the completion of all airframe modifications directed by the Government. All aircraft modifications performed under this contract shall be approved in advance by written modification to the contract.

# C33 NOTICE OF CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM (July 2010)

(a) FAR 42.1502 directs all Federal agencies to collect past performance information on contracts. The Department of the Interior (DOI) has implemented the Contractor Performance Assessment Reporting System (CPARS) to comply with this regulation. One or more past performance evaluations will be conducted in order to record your contract performance as required by FAR 42.15.

(b) The past performance evaluation process is a totally paperless process using CPARS. CPARS is a web-based system that allows for electronic processing of the performance evaluation report. Once the report is processed, it is available in the Past Performance Information Retrieval System (PPIRS) for Government use in evaluating past performance as part of a source selection action.

(c) We request that you furnish the Contracting Officer with the name, position title, phone number, and email address for each person designated to have access to your firm's past performance evaluation(s) for the contract no later than <u>30 days after award</u>. Each person granted access will have the ability to provide comments in the Contractor portion of the report and state whether or not the Contractor agrees with the evaluation, before returning the report to the Assessing Official. The report information must be protected as source selection sensitive information not releasable to the public.

Contract D12PC00113 Mod 19 EPA- NSF

(d) When your Contractor Representative(s) (Past Performance Points of Contact) are registered in CPARS, they will receive an automatically-generated email with detailed login instructions. Further details, systems requirements, and training information for CPARS is available at <u>http://www.cpars.csd.disa.mil/</u>. The CPARS User Manual, registration for On Line Training for Contractor Representatives, and a practice application may be found at this site.

(e) Within 60 days after the end of a performance period, the Contracting Officer will complete an interim or final past performance evaluation, and the report will be accessible at <u>http://www.cpars.csd.disa.mil/</u>. Contractor Representatives may then provide comments in response to the evaluation, or return the evaluation without comment. Comments are limited to the space provided in Block 22. Your comments should focus on objective facts in the Assessing Official's narrative and should provide your views on the causes and ramifications of the assessed performance. In addition to the ratings and supporting narratives, blocks 1 – 17 should be reviewed for accuracy, as these include key fields that will be used by the Government to identify your firm in future source selection actions. If you elect <u>not</u> to provide comments, please acknowledge receipt of the evaluation by indicating "No comment" in Block 22, and then signing and dating Block 23 of the form. Without a statement in Block 22, you will be unable to sign and submit the evaluation back to the Government. If you do not sign and submit the CPAR within 30 days, it will automatically be returned to the Government and will be annotated: "The report was delivered/received by the Contractor on (date). The Contractor neither signed nor offered comment in response to this assessment." Your response is due within <u>30</u> calendar days after receipt of the CPAR.

(f) The following guidelines apply concerning your use of the past performance evaluation:

(1) Protect the evaluation as "source selection information." After review, transmit the evaluation by completing and submitting the form through CPARS. If for some reason you are unable to view and/or submit the form through CPARS, contact the Contracting Officer for instructions.

(2) Strictly control access to the evaluation within your organization. Ensure the evaluation is never released to persons or entities outside of your control.

(3) Prohibit the use of or reference to evaluation data for advertising, promotional material, preaward surveys, responsibility determinations, production readiness reviews, or other similar purposes.

(g) If you wish to discuss a past performance evaluation, you should request a meeting in writing to the Contracting Officer no later than <u>seven</u> days following your receipt of the evaluation. The meeting will be held in person or via telephone or other means during your 30-day review period.

(h) A copy of the completed past performance evaluation will be available in CPARS for your viewing and for Government use supporting source selection actions after it has been finalized.

### C34 IDENTIFICATION OF CONTRACT EXHIBITS AND ATTACHMENTS

These documents are attached in the following Sections and are made a part of this contract, incorporated by reference, and are available at <u>www.amd.nbc.gov</u> or by the following hyperlink: <u>https://webapp2 nbc.gov/apps/oassol.nsf/7435d479f4fc9fbe882569ca0071a792/bd2cf1b330c314f9872577b100610ff</u> <u>4?OpenDocument</u>

No	Document	Date	No. of Pages	Section Ref.
1	Pilot's Personal Protective Equipment	None	1	B2.3
2	First Aid Kit and Survival Kit	16 Dec 1997	1	B4.2.2 & B4.2.3
3	Solid Waste SOP 1.0 – Generation and Generator Guidance	1 Oct 2000	14	B9.5
4	Hazardous Waste SOP 1.0 – Generation and Generator Guidance	1 Oct 2000	21	B9.5
5	Instructions on Packaging and Shipping	14 Aug 2002	37	B14
6	USAP Medical and Dental Examination Forms			C23
	a) Medical and Dental Instruction Guide, Long Form	July 2008	2	
	b) "Dear Doctor" Letter	July 2009	2	
	c) NSF Form 1422 – Medical History	April 2002	8	
	<ul> <li>d) NSF Form 1423 – Polar Physical Examination – Antarctica</li> </ul>	April 2002	2	
	<ul> <li>e) NSF Form 1424 – Medical Screening for Blood-borne Pathogens</li> </ul>	April 2002	1	
	f) "Dear Dentist" Letter	May 2010	2	
	<ul> <li>g) NSF Form 1425 – Polar Dental Examination – Antarctica</li> </ul>	April 2002	1	
	h) NSF Form 1421 – Medical Risks for NSF- Sponsored Personnel Traveling to Antarctica	April 2002	1	
	i) Important Notice for Participants in the United States Antarctic Program	May 2000	1	
	<ul> <li>Medical Examination Records for Service in the Polar Regions</li> </ul>	July 2008	1	
	k) NSF Form 1424 – Personal Information	Feb 2005	2	
7	Avionics Operational Test Standards	1 Dec 1998	3	B5.1
8	USAP deployment requirements and Information Security Training and Acknowledgement	Release 3.0 August 6, 2009	1	C22.3.1
9	Computer requirements for connecting to the USAP network	Version 5.0 March 4, 2009	3	C22.3.2
10	Unacceptable Lap Belt Conditions and Shoulder Harness Conditions		1	B4.2.6

### SECTION E – OFFEROR REPRESENTATIONS AND CERTIFICATIONS

### OFFEROR'S MISCELLANEOUS INFORMATION

Offeror's Company Name	Kenn Borek Air, Ltd.	
Offeror's DUNS Number		
Offeror's Complete E- mail Address	bcroker@borekair.com	
Offeror's Office Telephone Number	403-291-3300	
Offeror's Facsimile (FAX) Number		
Offeror Contact Representative(s)	1. Name Brian Crocker	<b>Telephone</b> 403-291-3300
	2. Name John Harmer	<b>Telephone</b> 403-291-3300

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE 0	F PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4 REO	UISITION/PURCHASE REQ. NO.	1	2
0021	09/17/2014	1	179760	5. PROJECT NO	). (If applicable)
6. ISSUED BY CODE	D41	7. ADM	MINISTERED BY (If other than Item 6)	CODE DA1	
Interior Business Center, AQ Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	DOI Div 300 Suit	, Interior Business Cen Ision 4/ Branch 1 East Mallard Drive te 200 se ID 83706	DAT		
NAME AND ADDRESS OF CONTRACTOR (No., street,	county, State and ZIP Code)	1. 194	AMENDMENT OF SOLICITATION NO.		
BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE CALGARY AB T2E 7G5		9B. X 10A	DATED (SEE ITEM 11) MODIFICATION OF CONTRACT/ORDER N 2PC00113	0.	
ODE 0071061255	EACH ITY CODE	- 10B	DATED (SEE ITEM 13)		
ODE 0071061255	FACILITY CODE 11. THIS ITEM ONLY APPLIES TO A		1/05/2012		
virtue of this amendment you desire to change an offer reference to the solicitation and this amendment, and is 2. ACCOUNTING AND APPROPRIATION DATA ( <i>if requi</i> 1 1 <b>13. THIS ITEM ONLY APPLIES TO MO</b>	ired) Net	date species Inci	cified.	20,000.00	14.
			S SET FORTH IN ITEM 14 ARE MADE IN TH		
B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH	VORDER IS MODIFIED TO REFLECT T IN ITEM 14, PURSUANT TO THE AUTH	THE ADM HORITY C	INISTRATIVE CHANGES (such as changes in FFAR 43.103(b).	n paying office,	
C. THIS SUPPLEMENTAL AGREEMENT		THORIT	Y OF:		
D. OTHER (Specify type of modification a					
X B1.1.1 Aircraft Modif		and the second se	lly Funded		
	is required to sign this document and		copies to the issuing	office.	
4 DESCRIPTION OF AMENDMENT/MODIFICATION (C IXED WING FLIGHT SERVICES PR NTARCTICA and ARCTIC, 2014-2 eason for Modification : Fun dd Line item 530 to obligate	OVIDED IN SUPPORT OF 015. ding Only Action	F THE	NATIONAL SCIENCE FOUNE	DATION,	
nese funds are in addition to roject.	o line item 500, Mod	difica	ation 18 GIMBLE Aircraf	as needed t Modific	ation
oligated Amount for this Mod w Total Obligated Amount for ayment Terms: ontinued	r the GIMBLE Project	:: <mark>(b</mark> )	(4)		2.
cept as provided herein, all terms and conditions of the	document referenced in Item 9 A or 10A,	, as heret	ofore changed, remains unchanged and in full	force and effect.	
A. NAME AND TITLE OF SIGNER (Type or print)		16A. NA	ME AND TITLE OF CONTRACTING OFFICE	R (Type or print)	
B. CONTRACTOR OFFEROR OUR REC	ORDS		ael Willis	160	DATE SIGNED
SIGNATURE & RETURN NOT F	REQUIRED	1	MN/11/	6	9/11/11
(Signature of person authorized to sign)			Signature of Contracting Officer)	_ /	11/17
SN 7540-01-152-8070 revious edition unusable		/	Pres	NDARD FORM 30 scribed by GSA (48 CFR) 53.243	(REV. 10-83)

# CONTINUATION SHEET REFERENCE NO. OF DOCUMENT BEING CONTINUED D12PC00113/0021

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

	SUPPLIES/SERVICES				
(A)	(B)	QUANTIT (C)	(D)	UNIT PRICE (E)	AMOUNT
	PP30			(1)	(F)
	Delivery Location Code: 0009836858				
	ACQ Aviation				
	300 East Mallard Drive				
	Boise ID 83706 US				
	Account Assignment: K G/L Account: 6100.252L0				
	Business Area: D000 Commitment Item: 252L00 Cost			1	
	Center: DS68694300 Functional Area:				
	DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center:				
	DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct				
	Assign Line: 01				
	FOB: Destination				
	Period of Performance: 09/01/2014 to 08/31/2015				
	Add Item 00530 as follows:				
0530	(b) (4) CIMPLE Mod Edd Fred				
0000	(D) (4) GIMBLE Mod Add Funds Obligated Amount: \$20,000.00				20,000.0
	002290000 Imiouric. 920,000.00				
	Follow on to modification 18 which added line 500				
	for the GIMBLE Aircraft Modification project.				
	Additional Funds are obligated to provide				
	required testing of installed GIMBLE equipment as				
	needed, not to exceed amount.				
	The contractor shall continue to invoice against				
	line item 500 until zero dollars remain and then				
	invoice against line item 530 for the GIMBLE				
	aircraft modification project for further testing				
	as needed.				
1					
		1		1	

NSN 7540-01-152-8067

PAGE

2

OF

2

	ICATION OF CONTRACT		PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
0022	See Block 16C	0040183983	
6. ISSUED BY COD	E D41	7. ADMINISTERED BY (If other than Item 6)	CODE D41
Interior Business Center, A Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	AQD	DOI, Interior Business C Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	
8. NAME AND ADDRESS OF CONTRACTOR (No., str	eet, county, State and ZIP Code)	(X) 9A AMENDMENT OF SOLICITATION NO.	
BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE CALGARY AB T2E 7G5		98. DATED (SEE ITEM 11) X 10A. MODIFICATION OF CONTRACT/ORDE D12PC00113	R NO,
		10B. DATED (SEE ITEM 13)	The second secon
CODE 0071061255	FACH ITY CODE		
The above numbered solicitation is amended as set	forth in Item 14. The hour and date	01/05/2012 TO AMENDMENTS OF SOLICITATIONS specified for receipt of Offers	xtended, is not extended
The above numbered solicitation is amended as set Offers must acknowledge receipt of this amendment Items 8 and 15, and returning c separate letter or telegram which includes a referemon THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an off reference to the solicitation and this amendment appr	11. THIS ITEM ONLY APPLIES forth in Item 14. The hour and date specified in opies of the amendment; (b) By acknown to the solicitation and amendment in OFFERS PRIOR TO THE HOUR AN der already submitted, such change in the society of the opening in the	TO AMENDMENTS OF SOLICITATIONS specified for receipt of Offers is en- in the solicitation or as amended , by one of the following owledging receipt of this amendment on each copy of the numbers. FAILURE OF YOUR ACKNOWLEDGEMENT ID DATE SPECIFIED MAY RESULT IN REJECTION OF Date by the date by following an interview of the following the method is the following and the following of the following the following the following and the following the following the following the following the following	offer submitted ; or (c) By TO BE RECEIVED AT
The above numbered solicitation is amended as set Offers must acknowledge receipt of this amendment Items 8 and 15, and returning c separate letter or telegram which includes a referemon THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an off reference to the solicitation and this amendment, and 2. ACCOUNTING AND APPROPRIATION DATA (If re-	11. THIS ITEM ONLY APPLIES forth in Item 14. The hour and date specified in opies of the amendment; (b) By acknown the to the solicitation and amendment in OFFERS PRIOR TO THE HOUR AN er already submitted, such change in dis received prior to the opening hour winnel.	TO AMENDMENTS OF SOLICITATIONS specified for receipt of Offers is en- in the solicitation or as amended , by one of the following owledging receipt of this amendment on each copy of the numbers. FAILURE OF YOUR ACKNOWLEDGEMENT ID DATE SPECIFIED MAY RESULT IN REJECTION OF Date by the date by following an interview of the following the method is the following and the following of the following the following the following and the following the following the following the following the following	methode: (a) By completing e offer submitted; or (c) By TO BE RECEIVED AT
The above numbered solicitation is amended as set Offers must acknowledge receipt of this amendment flems 8 and 15, and returning c separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an off reference to the solicitation and this amendment, and 2. ACCOUNTING AND APPROPRIATION DATA ( <i>If rec</i> 1]	11. THIS ITEM ONLY APPLIES forth in Item 14. The hour and date prior to the hour and date specified in opies of the amendment; (b) By ackin se to the solicitation and amendment in OFFERS PRIOR TO THE HOUR AN ier already submitted, such change in d is received prior to the opening hour quired)	TO AMENDMENTS OF SOLICITATIONS specified for receipt of Offers is e in the solicitation or as amended, by one of the following owledging receipt of this amendment on each copy of th numbers. FAILURE OF YOUR ACKNOWLEDGEMENT ID DATE SPECIFIED MAY RESULT IN REJECTION OF may be made by telegram or letter, provided each telegrar r and date specified.	methode: (a) By completing a offer submitted; or (c) By TO BE RECEIVED AT YOUR OFFER If by m or letter makes \$2,660,377.00
The above numbered solicitation is amended as set Offers must acknowledge receipt of this amendment Items 8 and 15, and returning c separate letter or telegram which includes a referenc THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an off reference to the solicitation and this amendment, and 2. ACCOUNTING AND APPROPRIATION DATA ( <i>If rec</i> )	11. THIS ITEM ONLY APPLIES forth in item 14. The hour and date prior to the hour and date specified in opies of the amendment; (b) By ackin se to the solicitation and amendment in OFFERS PRIOR TO THE HOUR AM for already submitted, such change in d is received prior to the opening hour quired)	TO AMENDMENTS OF SOLICITATIONS specified for receipt of Offers is a in the solicitation or as amended, by one of the following iowledging receipt of this amendment on each copy of th humbers. FAILURE OF YOUR ACKNOWLEDGEMENT ID DATE SPECIFIED MAY RESULT IN REJECTION OF hay be made by telegram or letter, provided each telegrar r and date specified. Net Increase:	methode: (a) By completing a offer submitted; or (c) By TO BE RECEIVED AT YOUR OFFER If by m or letter makes \$2,660,377.00 DESCRIBED IN ITEM 14.
The above numbered solicitation is amended as set Offers must acknowledge receipt of this amendment Items 8 and 15, and returning	11. THIS ITEM ONLY APPLIES forth in Item 14. The hour and date specified in opies of the hour and date specified in opies of the amendment; (b) By ackn se to the solicitation and amendment to OFFERS PRIOR TO THE HOUR AN ter already submitted, such change in d is received prior to the opening hour quired)	TO AMENDMENTS OF SOLICITATIONS specified for receipt of Offers is e in the solicitation or as amended, by one of the following towledging receipt of this amendment on each copy of the numbers. FAILURE OF YOUR ACKNOWLEDGEMENT ND DATE SPECIFIED MAY RESULT IN REJECTION OF nay be made by telegram or letter, provided each telegrar and date specified. Net Increase: DERS. IT MODIFIES THE CONTRACT/ORDER NO. AS	methode: (a) By completing a offer submitted ; or (c) By TO BE RECEIVED AT YOUR OFFER If by m or letter makes \$2,660,377.00 DESCRIBED IN ITEM 14.
The above numbered solicitation is amended as set Offers must acknowledge receipt of this amendment Items 8 and 15, and returning	11. THIS ITEM ONLY APPLIES forth in litem 14. The hour and date prior to the hour and date specified in opies of the amendment; (b) By ackn ze to the solicitation and emendment in OFFERS PRIOR TO THE HOUR AN ler already submitted, such change in d is received prior to the opening hour quired) MODIFICATION OF CONTRACTS/OR PURSUANT TO (Specify authority) CT/ORDER IS MODIFIED TO REFLE H IN ITEM 14, PURSUANT TO THE	TO AMENDMENTS OF SOLICITATIONS specified for receipt of Offers is e is e in the solicitation or as amended, by one of the following sowledging receipt of this amendment on each copy of th numbers. FAILURE OF YOUR ACKNOWLEDGEMENT ID DATE SPECIFIED MAY RESULT IN REJECTION OF hay be made by telegram or letter, provided each telegrar and date specified. Net Increase: DERS. IT MODIFIES THE CONTRACT/ORDER NO. AS THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN ECT THE ADMINISTRATIVE CHANGES (such as change AUTHORITY OF FAR 43, 103(b).	methode: (a) By completing a offer submitted ; or (c) By TO BE RECEIVED AT YOUR OFFER If by m or letter makes \$2,660,377.00 DESCRIBED IN ITEM 14.
The above numbered solicitation is amended as set Offers must acknowledge receipt of this amendment Items 8 and 15, and returning c separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF wirtue of this amendment you desire to change an off reference to the solicitation and this amendment, and 2. ACCOUNTING AND APPROPRIATION DATA ( <i>If rec</i> 1] 13. THIS ITEM ONLY APPLIES TO I CHECK ONE A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORT	11. THIS ITEM ONLY APPLIES         forth in item 14. The hour and date specified in opies of the amendment; (b) By acknown and the solicitation and amendment in OFFERS PRIOR TO THE HOUR AM er already submitted, such change in d is received prior to the opening hour quired)         MODIFICATION OF CONTRACTS/OR         PURSUANT TO (Specify authority)         CT/ORDER IS MODIFIED TO REFLEE         H IN ITEM 14, PURSUANT TO THE J	TO AMENDMENTS OF SOLICITATIONS specified for receipt of Offers is e is e in the solicitation or as amended, by one of the following sowledging receipt of this amendment on each copy of th numbers. FAILURE OF YOUR ACKNOWLEDGEMENT ID DATE SPECIFIED MAY RESULT IN REJECTION OF hay be made by telegram or letter, provided each telegrar and date specified. Net Increase: DERS. IT MODIFIES THE CONTRACT/ORDER NO. AS THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN ECT THE ADMINISTRATIVE CHANGES (such as change AUTHORITY OF FAR 43, 103(b).	methode: (a) By completing a offer submitted ; or (c) By TO BE RECEIVED AT YOUR OFFER If by m or letter makes \$2,660,377.00 DESCRIBED IN ITEM 14.
The above numbered solicitation is amended as set         Offers must acknowledge receipt of this amendment         Items 8 and 15, and returning       c         separate letter or telegram which includes a referemone         THE PLACE DESIGNATED FOR THE RECEIPT OF         virtue of this amendment you desire to change an off         reference to the solicitation and this amendment, and         2. ACCOUNTING AND APPROPRIATION DATA (If red)         1         13. THIS ITEM ONLY APPLIES TO I         CHECK ONE         A. THIS CHANGE ORDER IS ISSUED         ORDER NO. IN ITEM 10A.         B. THE ABOVE NUMBERED CONTRA         appropriation date, etc.) SET FORT         C. THIS SUPPLEMENTAL AGREEMEN         D. OTHER (Specify type of modification)	11. THIS ITEM ONLY APPLIES         forth in item 14. The hour and date specified in opies of the amendment; (b) By acknesse to the solicitation and amendment in OFFERS PRIOR TO THE HOUR AM of already submitted, such change in d is received prior to the opening hour quired)         INDIFICATION OF CONTRACTS/OR         PURSUANT TO: (Specify authority)         CT/ORDER IS MODIFIED TO REFLE         HIN ITEM 14, PURSUANT TO THE J         TI IS ENTERED INTO PURSUANT TO THE J         and authority)	TO AMENDMENTS OF SOLICITATIONS specified for receipt of Offers is e is e in the solicitation or as amended, by one of the following sowledging receipt of this amendment on each copy of th numbers. FAILURE OF YOUR ACKNOWLEDGEMENT ID DATE SPECIFIED MAY RESULT IN REJECTION OF hay be made by telegram or letter, provided each telegrar and date specified. Net Increase: DERS. IT MODIFIES THE CONTRACT/ORDER NO. AS THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN ECT THE ADMINISTRATIVE CHANGES (such as change AUTHORITY OF FAR 43, 103(b).	methode: (a) By completing a offer submitted ; or (c) By TO BE RECEIVED AT YOUR OFFER If by m or letter makes \$2,660,377.00 DESCRIBED IN ITEM 14.

FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION IN ANTARCTICA, 2014-2015 SEASON.

The purpose of this modification is to obligate the second installment of funding for the 2014-15 Antarctica Sesason in accordance with C29 Incrementally Funded and C30 Limitation of Government's Obligation. This modification also revises the rates due to a change in the economic price adjustment currency rate used in Modification 19. See the attached conformed contract, A1 Schedule of Items Pricing Pages and funding pricing schedule.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect. 15A. NAME AND TITLE OF SIGNER (Type or print) 6A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis 158. CONTRACTOR/OFFEROR 56. DATE SIGNED 6B. UNITED STATE MERICA 6C. DATE SIGNED IGNATURE & RETURN NOT REQUIRED A (Signature of person authorized to sign) ure of Contracting Officer) (Sig NSN 7540-01-152-8070 STANDARD FORM 30 (REV. 10-83) Previous edition unusable Prescribed by GSA

FAR (48 CFR) 53,243

CONTINUATION SHEET	REFERENCE NO. OF	NT BEING CONTINUED	(	)	PAGE
	D12PC00113/002	2			2

0F 29

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

(7)	SUPPLIES/SERVICES	QUANTIT	YUNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Delivery: 08/30/2015				
	Payment Terms:				
	PP30				
	Account Assignment: K G/L Account: 6100.252L0				
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area:				
	DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center:				
i	DS68694300 Project/WBS: DR.WHBOI.15NSF664 PR Acct Assign Line: 01				
	FOB: Destination				
	Period of Performance: 09/01/2014 to 08/31/2015				
	Add Item 00540 as follows:	6 6 7			
					1
0540	2nd Installment of Funding, 2014-15 Antarctica				
J	Season				2,660,377.00
	Obligated Amount: \$2,660,377.00				
	The contractor shall submit flight data into AMS				
	on line item 10 for all Light Utility Aircraft				
	and line item 20 for the Medium Utility Aircraft.				
1	The contractor shall submit invoices against				
	contract line items 510 until the mission is				
	complete or the balance is zero dollars and then line item 540 per the attached pricing schedule.				
	The read sto per the attached pricing schedule.				
	The total obligation for this modification is				
	\$2,660,377.00, The total obligated amount for				
	this award is \$18,109,215.61.				
					2
				1	
		1			
				1	

### TABLE OF CONTENTS



<b>A1</b>	SCHEDULE OF ITEMS	4
A2	CONTRACTOR'S OPERATING BASES / DELIVERY POINTS	9

B1 GENERAL REQUIREMENTS	
B2 OPERATIONS	
B3 PERSONNEL REQUIREMENTS	
B4 AIRCRAFT REQUIREMENTS	
B5 AVIONICS REQUIREMENTS	
<b>B6 MAINTENANCE REQUIREMENTS</b>	46
<b>B7 FUEL AND SERVICING REQUIREMENTS</b>	
<b>B8 CONSERVATION OF ANTARCTIC ANIMALS AND PLANTS</b>	
B9 ANTARCTIC WASTE MANAGEMENT.	
B10 ANTARCTIC METEORITES	
B11 REQUIRED MEETINGS	52
B12 POST AWARD CONFERENCE	57
B13 PACKAGING AND SHIPPING	
B14 SHIPPING TO MCMURDO STATION, ANTARCTICA	

C1 CONTRACT TERMS AND CONDITIONS - COMMERCIAL ITEMS	53
C2 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES EXECUTIVE ORDERS – COMMERCIAL ITEMS	ΩD
ADDENDA TO CONTRACT TERMS AND CONDITIONS	60
C3 INSPECTIONS / ACCEPTANCE	60
C4 DESIGNATED BASES	61
C5 EXCLUSIVE USE PERIOD	61
C6 UNAVAILABILITY, DAMAGES, AND FAILURE TO PERFORM	
C7 MEASUREMENT, PAYMENT AND GUARANTEE	
C8 GOVERNMENT-FURNISHED PROPERTY	
C9 GOVERNMENT-FURNISHED OFFICE SPACE, FURNISHINGS AND SERVICES	
C10 AFTER-OPERATIONS REPORT	.66
C11 CONTRACTOR DATA REQUIREMENTS	
C12 FAR CLAUSES INCORPORATED BY REFERENCE	
C13 CONTRACTS	.68

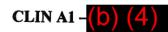
### TABLE OF CONTENTS

<b>C1</b> 4	AUTHORITY OF GOVERNMENT PERSONNEL	68
C15	5 CONTRACTOR'S ON-SITE MANAGER	<u></u>
C16	5 CHOICE OF LAW	69
<b>C</b> 17	SAFETY AND ACCIDENT PREVENTION	<u></u>
-C18	MISHAPS	70
C19	REPLACEMENT OF PERSONNEL - CONTRACTOR PERSONNEL CONDUCT	77
	BILLING AND PAYMENT REQUIREMENTS	
C21	HOLIDAYS AND LEAVE	7.4
C22	PERSONNEL SECURITY REQUIREMENTS	7.4
	MEDICAL AND DENTAL QUALIFICATION OF CONTRACTOR PERSONNEL	
C24	CONTRACT PERIOD	') 15
	OPTION TO EXTEND THE TERM OF THE CONTRACT	
C26	OPTION TO EXTEND SERVICES	5
C27	UNILATERAL EXTENSION OF EXCLUSIVE USE PERIOD	0
C28	AVAILABILITY OF FUNDS	0
C29	INCREMENTALLY-FUNDED FIXED-PRICE CONTRACT	6
	LIMITATION OF GOVERNMENT'S OBLIGATION (	
	INSURANCE AND ECONOMIC PRICE ADJUSTMENT	
C32	ADDITIONAL PAY ITEMS	8
	NOTICE OF CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM 7	
034	IDENTIFICATION OF CONTRACT EXHIBITS AND ATTACHMENTS8	1

SEC JN A - REQUIREMENTS AND PL NG

### A1 SCHEDULE OF ITEMS

### SCHEDULE A - CONTRACT LINE ITEM NUMBERS (A-CLINs)



### DESCRIPTION

Designated Base:

All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

Exclusive Use Period:

(b) (4) Aircraft will be ordered each year beginning on or about 15 Oct each year and ending on or about February 15 the following year.

Aircraft Requirement:

equipped as specified in Section B.

Crew Requirements:

One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

### Minimum Aircraft Requirements



#### **CLIN A1 PRICING YEAR 1**

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.aa	Daily Availability	AV	(b) (4)	DAYS		
A1.ab	Flight Hours	FT	()	FLIGHT HOURS		
A1.ac	Additional Days – Availability	AV		DAYS		
A1.ad	Mobilization to McMurdo Station	P61		LUMP SUM		
Al.ae	Demobilization from McMurdo Station	P62		LUMP		

BASE YEAR - ESTIMATED TOTAL 2012

SEC. ON A – REQUIREMENTS AND P. NG \*Can be ordered-up in one day increments, in accordance with paragraph C27.

# SECON A - REQUIREMENTS AND PLONG

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ba	Daily Availability	AV	(b) (4)	DAYS		
A1.bb	Flight Hours	FT		FLIGHT HOURS		
A1.bc	Additional Days – Availability	AV		DAYS		
A1.bd	Mobilization to McMurdo Station	P61		LUMP SUM		
A1.be	Demobilization from McMurdo Station	P62		LUMP		

**OPTION YEAR 1 - ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ca	Daily Availability	AV	(b) (4)	DAYS		
A1.cb	Flight Hours	FT	()	FLIGHT HOURS		
A1.cc	Additional Days – Availability	AV		DAYS		
A1.cd	Mobilization to McMurdo Station	P61		LUMP SUM		
A1.ce	Demobilization from McMurdo Station	P62		LUMP		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

CLINA	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.da	Daily Availability	AV	(b) (4)	DAYS		
Al.db	Flight Hours	FT	()	FLIGHT HOURS		
A1.dc	Additional Days – Availability	AV		DAYS		
A1.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A1.de	Demobilization from McMurdo Station	P62		LUMP		

### **OPTION YEAR 3 - ESTIMATED TOTAL 2015**

	DECODIDATION	The state second state	1	r		
CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ea	Daily Availability	AV	(b) (4)	DAYS		
A1.eb	Flight Hours	FT		FLIGHT HOURS		
A1.ec	Additional Days – Availability	AV		DAYS		
A1.ed	Mobilization to McMurdo Station	P61		LUMP SUM		
Al.ee	Demobilization from McMurdo Station	P62		LUMP		

**OPTION YEAR 4 - ESTIMATED TOTAL 2016** 



SECON A - REQUIREMENTS AND P. NG

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN AI (b) (4)

### YEAR 2

### CLIN A2 -(b)(4)

### **DESCRIPTION**

Designated Base:	All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
Exclusive Use Period:	(b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.
Minimum Aircraft Requirements	



### **CLIN A2 PRICING**

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.aa	Daily Availability	AV	(b) (4)	DAYS		
A2.ab	Flight Hours	FT		FLIGHT HOURS		
A2.ac	Additional Days – Availability	AV		DAYS		
A2.ad	Mobilization to McMurdo Station	P61		LUMP SUM		
A2.ae	Demobilization from McMurdo Station	P62		LUMP		

BASE YEAR - ESTIMATED TOTAL 2012

Contract D12PC00113 Mod 22 Rate Adjustment NSF - Fixed Wing

## SEC NA - REQUIREMENTS AND PL NG

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	OUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ba	Daily Availability	AV	(b) (4)	DAYS		
A2.bb	Flight Hours	FT		FLIGHT HOURS		
A2.bc	Additional Days – Availability	AV		DAYS		
A2.bd	Mobilization to McMurdo Station	P61		LUMP SUM		
A2.be	Demobilization from McMurdo Station	P62		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ca	Daily Availability	AV	(b) (4)	DAYS		
A2.cb	Flight Hours	FT	( ) ( )	FLIGHT HOURS		
A2.cc	Additional Days – Availability	AV		DAYS		
A2.cd	Mobilization to McMurdo Station	P61		LUMP SUM		
A2.ce	Demobilization from McMurdo Station	P62		LUMP SUM		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.da	Daily Availability	AV	(b) (4)	DAYS		
A2.db	Flight Hours	FT		FLIGHT HOURS		(4)
A2.dc	Additional Days – Availability	AV		DAYS		
A2.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A2.de	Demobilization from McMurdo Station	P62		LUMP SUM		

**OPTION YEAR 3 – ESTIMATED TOTAL 2015** 



CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ea	Daily Availability	AV	(b) (4)	DAYS		
A2.eb	Flight Hours	FT		FLIGHT HOURS	$(\mathbf{b})$	
A2.ec	Additional Days - Availability	AV		DAYS		
A2.ed	Mobilization to McMurdo Station	P61		LUMP SUM		
A2.ee	Demobilization from McMurdo Station	P62		LUMP SUM		

**OPTION YEAR 4 - ESTIMATED TOTAL 2016** 



TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A2 (b) (4)

### SECON A - REQUIREMENTS AND P. ING

### CLIN A3 - (b) (4)

### **DESCRIPTION**

Designated Base:

Exclusive Use Period:

Aircraft Requirement:

Crew Requirements:

All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

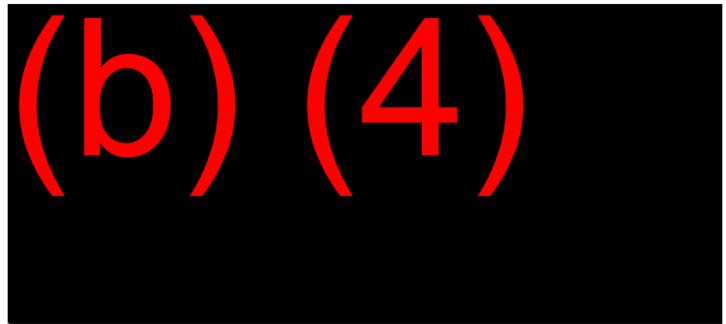
(b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year. Additional Days can be ordered-up in one-day increments.



equipped as specified in Section B.

One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One Mechanic.

### Minimum Aircraft Requirements



### CLIN A3 PRICING(b) (4)

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.aa	Daily Availability	AV	(b) (4)	DAYS		
A3.ab	Flight Hours	FT	()	FLIGHT HOURS		
A3.ac	Additional Days Availability	AV		DAYS		
A3.ad	Mobilization to McMurdo Station	P61		LUMP SUM		
A3.ae	Demobilization from McMurdo Station	P62		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012

Contract D12PC00113 Mod 22 Rate Adjustment NSF – Fixed Wing

## SEC NA - REQUIREMENTS AND PL NG

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ba	Daily Availability	AV	(b) (4)	DAYS		
A3.bb	Flight Hours	FT		FLIGHT HOURS		) (4))
A3.bc	Additional Days - Availability	AV		DAYS		
A3.bd	Mobilization to McMurdo Station	P61		LUMP SUM		
A3.be	Demobilization from McMurdo Station	P62		LUMP SUM		

### **OPTION YEAR 1 - ESTIMATED TOTAL 2013**

CLIN	DESCRIPTION *2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ca	Daily Availability	AV	(b) (4)	DAYS		
A3.cb	Flight Hours	FT		FLIGHT HOURS		) (4))
A3.cc	Additional Days - Availability	AV		DAYS		
A3.cd	Mobilization to McMurdo Station	P61		LUMP SUM		
A3.ce	Demobilization from McMurdo Station	P62		LUMP SUM		

#### **OPTION YEAR 2 – ESTIMATED TOTAL 2014**

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.da	Daily Availability	AV	(b) (4)	DAYS		
A3.db	Flight Hours	FT	(/ (-/	FLIGHT HOURS		
A3.dc	Additional Days - Availability	AV		DAYS		
A3.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A3.de	Demobilization from McMurdo Station	P62		LUMP SUM		

### **OPTION YEAR 3 – ESTIMATED TOTAL 2015**

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ea	Daily Availability	AV	(b) (4)	DAYS		
A3.eb	Flight Hours	FT		FLIGHT HOURS		
A3.ec	Additional Days - Availability	AV		DAYS		
A3.ed	Mobilization to McMurdo Station	P61		LUMP SUM		
A3.ee	Demobilization from McMurdo Station	P62		LUMP SUM		

### **OPTION YEAR 4 – ESTIMATED TOTAL 2016**

### TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A



Contract D12PC00113 Mod 22 Rate Adjustment NSF - Fixed Wing (b)

(4)

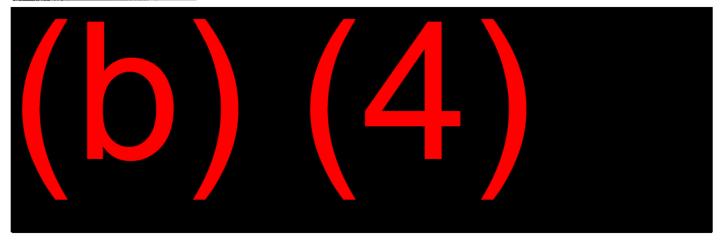
SE ON A - REQUIREMENTS AND F. ING

### CLIN A4 - (b) (4)

### **DESCRIPTION**

Designated Base:	All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
Exclusive Use Period:	(b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

### **Minimum Aircraft Requirements**



#### CLIN A4 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.aa	Daily Availability	AV	(b) (4)	DAYS		
A4.ab	Flight Hours	FT	( ) ( - )	FLIGHT HOURS		
A4.ac	Additional Days - Availability	AV		DAYS		
A4.ad	Mobilization to McMurdo Station	P61		LUMP SUM		
A4.ae	Demobilization from McMurdo Station	P62		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012

# SEC NA - REQUIREMENTS AND PL NG

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ba	Daily Availability	AV	(b) (4)	DAYS		
A4.bb	Flight Hours	FT		FLIGHT HOURS		
A4.bc	Additional Days - Availability	AV		DAYS		
A4.bd	Mobilization to McMurdo Station	P61		LUMP SUM		2
A4.be	Demobilization from McMurdo Station	P62		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ca	Daily Availability	AV	(b) (4)	DAYS		
A4.cb	Flight Hours	FT		FLIGHT HOURS		
A4.cc	Additional Days - Availability	AV		DAYS		
A4.cd	Mobilization to McMurdo Station	P61		LUMP SUM		
A4.ce	Demobilization from McMurdo Station	P62		LUMP SUM		

**OPTION YEAR 2 - ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.da	Daily Availability	AV	(b) (4)	DAYS		
A4.db	Flight Hours	FT		FLIGHT HOURS		
A4.dc	Additional Days - Availability	AV		DAYS		
A4.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A4.de	Demobilization from McMurdo Station	P62		LUMP SUM		

### **OPTION YEAR 3 – ESTIMATED TOTAL 2015**

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ea	Daily Availability	AV	(b) (4)	DAYS		
A4.eb	Flight Hours	FT	( ) ( - )	FLIGHT HOURS		
A4.ec	Additional Days - Availability	AV		DAYS		
A4.ed	Mobilization to McMurdo Station	P61		LUMP SUM		_
A4.ee	Demobilization from McMurdo Station	P62		LUMP SUM		

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A4

D

CLIN A5 -(b) (4)

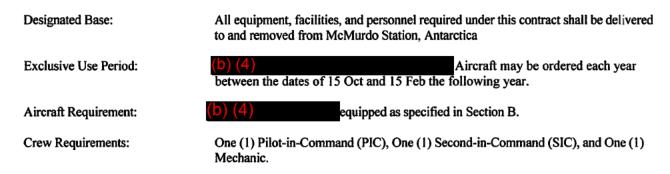
SE

ON A – REQUIREMENTS AND F ING

### DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.



#### **Minimum Aircraft Requirements**



	SEC	N A - REC	UIREMENT	rs and p	NG	
CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.aa	Daily Availability	AV	(b) (4)	DAYS		
A5.ab	Flight Hours	FT		FLIGHT HOURS		
A5.ac	Additional Days - Availability	AV		DAYS		
A5.ad	Mobilization to McMurdo Station	P61		LUMP SUM		
A5.ae	Demobilization from McMurdo Station	P62		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ba	Daily Availability	AV	(b) (4)	DAYS		
A5.bb	Flight Hours	FT		FLIGHT HOURS		
A5.bc	Additional Days - Availability	AV		DAYS		
A5.bd	Mobilization to McMurdo Station	P61		LUMP SUM		
A5.be	Demobilization from McMurdo Station	P62		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ca	Daily Availability	AV	(b) (4)	DAYS		
A5.cb	Flight Hours	FT		FLIGHT HOURS		
A5.cc	Additional Days - Availability	AV		DAYS		
A5.cd	Mobilization to McMurdo Station	P61		LUMP SUM		
A5.ce	Demobilization from McMurdo Station	P62		LUMP SUM		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.da	Daily Availability	AV	(b) (4)	DAYS		
A5.db	Flight Hours	FT	( / ( - /	FLIGHT HOURS		
A5.dc	Additional Days - Availability	AV		DAYS		
A5.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A5.de	Demobilization from McMurdo Station	P62		LUMP SUM		

**OPTION YEAR 3 – ESTIMATED TOTAL 2015** 



CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ea	Daily Availability	AV	(b) (4)	DAYS		
A5.eb	Flight Hours	FT		FLIGHT HOURS		
A5.ec	Additional Days - Availability	AV		DAYS		
A5.ed	Mobilization to McMurdo Station	P61		LUMP SUM		
A5.ee	Demobilization from McMurdo Station	P62		LUMP SUM		
		0	<b>PTION YEAR 4</b>	– ESTIMAT	ED TOTAL 2016	
	т	OTAL ESTIM	ATED PRICE FO	OR FIVE (5)	YEARS CLIN C5	



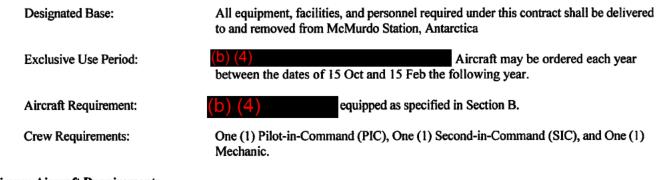
SEC

N A – REQUIREMENTS AND PARA ING

### DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.



#### **Minimum Aircraft Requirements**



### SEL ON A - REQUIREMENTS AND F. ING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.aa	Daily Availability	AV	(b) (4)	DAYS		
A6.ab	Flight Hours	FT		FLIGHT HOURS		
A6.ac	Additional Days - Availability	AV		DAYS		
A6.ad	Mobilization to McMurdo Station	P61		LUMP SUM		
A6.ae	Demobilization from McMurdo Station	P62		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ba	Daily Availability	AV	(b) (4)	DAYS		
A6.bb	Flight Hours	FT		FLIGHT HOURS		
A6.bc	Additional Days - Availability	AV		DAYS		
A6.bd	Mobilization to McMurdo Station	P61		LUMP SUM		
A6.be	Demobilization from McMurdo Station	P62		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ca	Daily Availability	AV	(b) (4)	DAYS		
A6.cb	Flight Hours	FT	()	FLIGHT HOURS		
A6.cc	Additional Days - Availability	AV		DAYS		
A6.cd	Mobilization to McMurdo Station	P61		LUMP SUM		
A6.ce	Demobilization from McMurdo Station	P62		LUMP SUM		

			OPTION YEAR	R 2 – ESTIMA	TED TOTAL 2014	
CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.da	Daily Availability	AV	(b) (4)	DAYS		
A6.db	Flight Hours	FT	(/	FLIGHT HOURS		
A6.dc	Additional Days - Availability	AV		DAYS		
A6.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A6.de	Demobilization from McMurdo Station	P62		LUMP SUM		

**OPTION YEAR 3 - ESTIMATED TOTAL 2015** 



A6.ea     Daily Availability     AV     D) (4)     DAYS       A6.eb     Flight Hours     FT       A6.ec     Additional Days - Availability     AV     DAYS	(h) (4)
Ab.eb     Flight Hours     FI     HOURS       A6.ec     Additional Days - Availability     AV     DAYS	(h) (4)
A6.ed Mobilization to McMurdo Station P61	
A6.ee Demobilization from McMurdo P62 LUMP SUM	

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C6



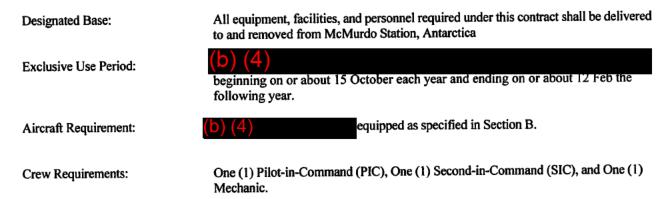


### "ON CALL" - Mutual Agreement

### DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft. The Contractor may accept orders for service when orders have been issued for services. Acceptance of orders placed shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein. The Government and Contractor agree that (0) (4) being used under other contracts in the Antarctic may be utilized as available under this contract and the rates for aircraft ordered under these situations shall be negotiated at the time of order.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.





20

## SEC. A - REQUIREMENTS AND PL.

DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
Daily Availability	AV	(b) (4)	DAYS		
Flight Hours	FT		FLIGHT HOURS		
Additional Days - Availability	AV		DAYS		
Mobilization to McMurdo Station	P61		LUMP SUM		
Demobilization from McMurdo Station	P62		LUMP SUM		
Daily Availability () (4)	AV		DAYS		
Daily Availability	AV		DAYS		
	2011-2012 Field Season Daily Availability Flight Hours Additional Days - Availability Mobilization to McMurdo Station Demobilization from McMurdo Station Daily Availability	2011-2012 Field SeasonCODEDaily AvailabilityAVFlight HoursFTAdditional Days - AvailabilityAVMobilization to McMurdo StationP61Demobilization from McMurdoP62StationAV	2011-2012 Field SeasonCODEQUANTITYDaily AvailabilityAV(b) (4)Flight HoursFTAdditional Days - AvailabilityAVMobilization to McMurdo StationP61Demobilization from McMurdoP62StationP62Daily AvailabilityAV	2011-2012 Field SeasonCODEQUANTITYUNITDaily AvailabilityAVD) (4)DAYSFlight HoursFTFLIGHT HOURSAdditional Days - AvailabilityAVDAYSMobilization to McMurdo StationP61LUMP SUMDemobilization from McMurdo StationP62LUMP SUMDaily AvailabilityAVDAYS	2011-2012 Field SeasonCODEQUANTITYUNITUNIT PRICEDaily AvailabilityAV(b) (4)DAYSFlight HoursFTFLIGHT HOURSFLIGHT HOURSAdditional Days - AvailabilityAVDAYSMobilization to McMurdo StationP61LUMP SUMDemobilization from McMurdo StationP62SUMDaily AvailabilityAVDAYS

					HED TOTHE POIL	
CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ba	Daily Availability	AV	(b) (4)	DAYS	(h)	
A7.bb	Flight Hours	FT		FLIGHT HOURS		
A7.bc	Additional Days - Availability	AV		DAYS		
A7.bd	Mobilization to McMurdo Station	P61		LUMP SUM		
A7.be	Demobilization from McMurdo Station	P62		LUMP SUM		
A7.bf	Daily Availabilit, (b) (4)	AV		DAYS		
A7.bg	Daily Availability	AV		DAYS		

**OPTION YEAR 1 -- ESTIMATED TOTAL 2013** 

DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
Daily Availability	AV	(b) (4)	DAYS		
Flight Hours	FT		FLIGHT HOURS		
Additional Days - Availability	AV		DAYS		
Mobilization to McMurdo Station	P61		LUMP SUM		
Demobilization from McMurdo Station	P62		LUMP SUM		
Daily Availability (b) (4)	AV		DAYS		
Daily Availability	AV		DAYS		
	2013-2014 Field Season Daily Availability Flight Hours Additional Days - Availability Mobilization to McMurdo Station Demobilization from McMurdo Station Daily Availability	2013-2014 Field Season     CODE       Daily Availability     AV       Flight Hours     FT       Additional Days - Availability     AV       Mobilization to McMurdo Station     P61       Demobilization from McMurdo     P62       Daily Availability     AV	DescriminionCODEQUANTITY2013-2014 Field SeasonAV(b) (4)Daily AvailabilityAV(b) (4)Flight HoursFTAdditional Days - AvailabilityAVMobilization to McMurdo StationP61Demobilization from McMurdoP62StationAV	DisserverCODEQUANTITYUNIT2013-2014 Field SeasonAVDAYSDaily AvailabilityAVDAYSFlight HoursFTFLIGHT HOURSAdditional Days - AvailabilityAVDAYSMobilization to McMurdo StationP61SUM SUMDemobilization from McMurdo StationP62SUM SUMDaily AvailabilityAVDAYS	2013-2014 Field SeasonCODEQUANTITYUNITUNIT PRICEDaily AvailabilityAV(b) (4)DAYSImage: Constraint of the price of the pri

**OPTION YEAR 2 - ESTIMATED TOTAL 2014** 

### SEC A - REQUIREMENTS AND PL

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.da	Daily Availability	AV	(b) (4)	DAYS		
A7.db	Flight Hours	FT		FLIGHT HOURS		
A7.dc	Additional Days - Availability	AV		DAYS		
A7.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A7.de	Demobilization from McMurdo Station	P62		LUMP SUM		
A7.df	Daily Availability(b) (4)	AV		DAYS		
A7.dg	Daily Availability	AV		DAYS		

**OPTION YEAR 3 ~ ESTIMATED TOTAL 2015** 

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ea	Daily Availability	AV	(b) (4)	DAYS		
A7.eb	Flight Hours	FT		FLIGHT HOURS		
A7.ec	Additional Days - Availability	AV		DAYS		
A7.ed	Mobilization to McMurdo Station	P61		LUMP SUM		
A7.ee	Demobilization from McMurdo Station	P62		LUMP SUM		
A7.ef	Daily Availability (b) (4)	AV		DAYS		
A7.eg	Daily Availability	AV		DAYS		
	Allowed the second s		OPTION YEA	R 4 – ESTIMA	ATED TOTAL 2016	

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A7



### SCHEDULE A - CONTRACT LINE ITEM NUMBERS (CLINs 8-15)

Additional Personnel – Fixed rate for additional personnel. The Government may require the Contractor to deploy cargo handlers, flight crews, mechanics, and apprentice mechanics to supplement operational capabilities, or some other purpose. The Contracting Officer may order additional work in a minimum quantity of one (1) individual for one (1) day at <u>anytime</u> during the term of this contract by giving written notice to the contractor at least ten (10) days prior to the date the additional work is required. The Contracting Officer may make multiple orders. The Government will provide air transportation between the Contractor's home base or other location, and Antarctica. The Government will reimburse the Contractor at cost for lodging and per diem expenses while in transit. This shall be a unilateral action on the part of the Government.

ADDITIONAL FLIGHT CREW (b) (4) AIRCRAFT (2 person crews PIC/SIC)

	SEC	A - REQ	UIREMEN	TS AND I	PIC -			
CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
A8.aa	2011 Additional (b) (4) Flight Crew	P01	(b) (4)	DAYS				
A8.ab	2012 Additional Flight Crew	P01		DAYS				
A8.ac	2013 Additional Flight Crew	P01		DAYS				
A8.ad	2014 Additional Flight Crew			DAYS				
A8.ae	2015 Additional Flight Crew	P01		DAYS				
	ADDITIONAL FLIGHT CREWS(b) (4) - ESTIMATED TOTAL 5 YEARS							
ADDIT	TIONAL FLIGHT CREW(b) (4)	PAY ITEM	AIRCRAFT (	2 person cro	ew FIC/SIC)			
CLIN	DESCRIPTION (9/01-8/31)	CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
A9.aa	2011 Additional (b) (4)	P01	(b) (4)	DAYS				
A9.ab	2012 Additional Flight Crew	P01		DAYS				
A9.ac	2013 Additional Flight Crew	P01		DAYS				
A9.ad	2014 Additional Flight Crew	P01		DAYS				
A9.ae	2015 Additional Flight Crew	P01		DAYS				
	ADDITIONAL FLIGHT	r crews <mark>(b)</mark>	(4)	- ESTIMATED	) TOTAL 5 YEARS			
AUDIT		PAY ITEM		[				
CLIN	DESCRIPTION (9/01-8/31)	CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
A10.aa	2011 Mechanic	мс	(D) (4)	DAYS				
A10.ab	2012 Mechanic	MC		DAYS				
A10.ac	2013 Mechanic	MC		DAYS				
A10.ad	2014 Mechanic	МС		DAYS	-			

MECHANICS - ESTIMATED TOTAL 5 YEARS

DAYS

A10.ae

2015 Mechanic

MC



### **APPRENTICE MECHANIC**

DESCRIPTION	ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
2011 Apprentice Mechanic	мс	(b) (4)	DAYS		
2012 Apprentice Mechanic	мс		DAYS		
2013 Apprentice Mechanic	мс		DAYS		
2014 Apprentice Mechanic	мс		DAYS		
2015 Apprentice Mechanic	MC		DAYS		
20	012 Apprentice Mechanic 013 Apprentice Mechanic 014 Apprentice Mechanic	D11 Apprentice MechanicMCD12 Apprentice MechanicMCD13 Apprentice MechanicMCD14 Apprentice MechanicMC	D11 Apprentice MechanicMC(b) (4)D12 Apprentice MechanicMCD13 Apprentice MechanicMCD14 Apprentice MechanicMC	D11 Apprentice MechanicMC(b)(4)DAYSD12 Apprentice MechanicMCDAYSD13 Apprentice MechanicMCDAYSD14 Apprentice MechanicMCDAYS	D11 Apprentice MechanicMC(b) (4)DAYSD12 Apprentice MechanicMCDAYSD13 Apprentice MechanicMCDAYSD14 Apprentice MechanicMCDAYS

## CARGO HANDLER

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A12.aa	2011 Cargo Handler	P50	(b) (4)	DAYS		
A12.ab	2012 Cargo Handler	P50		DAYS		
A12.ac	2013 Cargo Handler	P50		DAYS		
A12.ad	2014 Cargo Handler	P50		DAYS		
A12.ae	2015 Cargo Handler	P50		DAYS		

CARGO HANDLERS – ESTIMATED TOTAL 5 YEARS



**Shop Rates for Aircraft in Maintenance -** The following rates shall be used for shop time when the Government requires modifications to the airframe and the contractor is required to ground the aircraft from flight to work on the modification to the aircraft. These rates will be used for all quotes for work to be completed on the aircraft during the performance of the contract.

#### SHOP RATE FOR(b) (4)

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A13.aa	2011 Shop Rates (b) (4)	TBD	(b) (4)	DAYS		
A13.ab	2012 Shop Rates	TBD		DAYS		(4)
A13.ac	2013 Shop Rates	TBD		DAYS		
A13.ad	2014 Shop Rates	TBD		DAYS		
A13.ae	2015 Shop Rates	TBD		DAYS		

# SHOP RATE FOR (b) (4)

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A14.aa	2011 Shop Rates (b) (4)	TBD	(b) (4)	DAYS		
A14.ab	2012 Shop Rates	TBD	( ) ( )	DAYS		
A14.ac	2013 Shop Rates	TBD		DAYS		
A14.ad	2014 Shop Rates	TBD		DAYS		
A14.ae	2015 Shop Rates	TBD		DAYS		
	SHOP RATE,	o) (4)		ESTIMATE	) TOTAL 5 YEARS	



# **SCHEDULE A - ARCTIC POLAR REGIONS**

#### CLIN 15(b) (4)

- Arctic and Polar Regions

#### **DESCRIPTION**

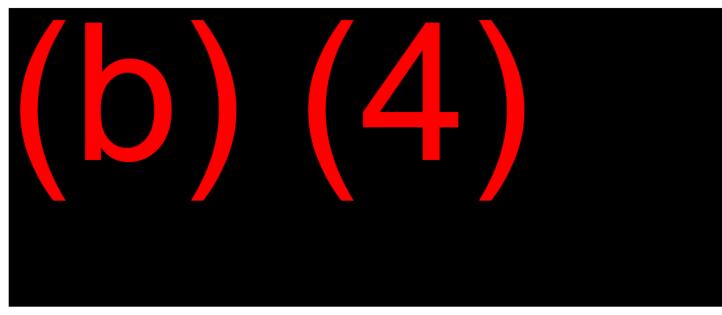
All airplanes required by this contract line item are referred to as *On Call* aircraft *with no guaranteed use*. The Contractor must accept orders for service when orders have been issued at least seven (7) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein.

For work performed in the Arctic, the delivery point will be specified on each order and is generally anticipated to be the Contractor's home base. All costs necessary to move the items to the delivery point, and prepare them for shipment are the Contractor's responsibility. The Contractor is responsible for redeploying all aircraft and other items required for contract performance to its home base or other location. Costs necessary to prepare the items for shipment, and return them to the Contractor's home base are the Contractor's responsibility. For work performed in the Arctic, aircraft will be released from service at the location specified on each order, generally expected to be the Contractor's home base. The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

Days of unavailability will be counted towards the guaranteed days of availability under this CLIN. In addition, failure of the Contractor to provide an aircraft under this CLIN for the Arctic work when ordered in accordance with the above timelines, will result in loss of guaranteed availability for the period of work that was ordered.

Designated Base:	Determined by each order
Exclusive Use Period:	Off season of Antarctic Aircraft. The Contractor may use Antarctic aircraft to support this Item.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

#### Minimum Aircraft Requirements



# Section A--Requirements and Prices

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
<b>15.aa</b>	Daily Availability	AV	(b) (4)	DAYS	(h) (2	1)
15.ab	Flight Hours	FT		FLIGHT HOURS		<b>T</b> )

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.ba	Daily Availability	AV	(b) (4)	DAYS	(h)	$(\mathbf{A})$
15.bb	Flight Hours	FT		FLIGHT HOURS		

## **OPTION YEAR 1 – ESTIMATED TOTAL 2013**

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.ca	Daily Availability	AV	(b) (4)	DAYS	(h)	$( \land )$
15.cb	Flight Hours	FT		FLIGHT HOURS		

**OPTION YEAR 2 - ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE EXTENDED AMOUNT
15.da	Daily Availability	AV	(b) (4)	DAYS	(h) (4)
15.db	Flight Hours	FT		FLIGHT HOURS	

## **OPTION YEAR 3 – ESTIMATED TOTAL 2015**

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.ea	Daily Availability	AV	(b) (4)	DAYS	(h) (	4
15.eb	Flight Hours	FT		FLIGHT HOURS		<b>-</b> /

**OPTION YEAR 4 - ESTIMATED TOTAL 2016** 

#### TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN 15



# CLIN 16-(b) (4)

#### - Arctic and Polar Regions

#### **DESCRIPTION**

All airplanes required by this contract line item are referred to as *On Call* aircraft *with no guaranteed use*. The Contractor must accept orders for service when orders have been issued at least seven (7) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein.

For work performed in the Arctic, the delivery point will be specified on each order and is generally anticipated to be the Contractor's home base. All costs necessary to move the items to the delivery point, and prepare them for shipment are the Contractor's responsibility. The Contractor is responsible for redeploying all aircraft and other items required for contract performance to its home base or other location. Costs necessary to prepare the items for shipment, and return them to the Contractor's home base are the Contractor's responsibility. For work performed in the Arctic, aircraft will be released from service at the location specified on each order, generally expected to be the Contractor's home base. The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

Days of unavailability will be counted towards the guaranteed days of availability under this CLIN. In addition, failure of the Contractor to provide an aircraft under this CLIN for the Arctic work when ordered in accordance with the above timelines, will result in loss of guaranteed availability for the period of work that was ordered.

#### DESCRIPTION

Designated Base:	Determined by each order
Exclusive Use Period:	Off season of Antarctic Aircraft. The Contractor may use Antarctic aircraft to support this Item.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

#### Minimum Aircraft Requirements



Contract D12PC00113 Mod 20 Rate Adjustment NSF - Fixed Wing

	AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT D CODE	PAGE OF	PAGE OF PAGES	
2 AMENDME	NT/MODIFICATION NO.	3. EFFECTIVE DATE	4 REC	UISITION/PURCHASE REQ. NO.	5. PROJECT NO. (	6 (If applicable)	
0023		See Block 16C	1.1120			n appnoable)	
6. ISSUED BY	CODE	D41	7. ADI	AINISTERED BY (If other than Item 6)	CODE D41		
Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706			DOI, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE CALGARY AB T2E 7G5			(X) 9B	AMENDMENT OF SOLICITATION NO. DATED (SEE ITEM 11) A. MODIFICATION OF CONTRACT/ORDER N 2 PC00113	0.		
			10	3. DATED (SEE ITEM 13)			
CODE 00	071061255	FAC LITY CODE	0	1/05/2012			
		11. THIS ITEM ONLY APPLIES TO	AMEND	ENTS OF SOLICITATIONS			
tems 8 and separate let THE PLACE virtue of this	1 15, and returning col tter or telegram which includes a reference E DESIGNATED FOR THE RECEIPT OF 0	bies of the amendment; (b) By acknowle to the solicitation and amendment num DFFERS PRIOR TO THE HOUR AND D r already submitted , such change may	edging red bers. FA DATE SPE be made	on or as amended , by one of the following me expt of this amendment on each copy of the of , LURE OF YOUR ACKNOWLEDGEMENT TO CIFIED MAY RESULT IN REJECTION OF YO by telegram or letter, provided each telegram of ecified.	fer submitted ; or (c) BE RECEIVED AT UR OFFER If by	•	
	T NG AND APPROPRIATION DATA (If requ	uired) Ne	t Dec	rease: -S	\$163,912.80	5	
See Sch							
	13. THIS ITEM ONLY APPLIES TO M	ODIFICATION OF CONTRACTS/ORDEI	RS. IT MO	DDIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBED IN ITEM 1	4.	
		CT/ORDER IS MODIF ED TO REFLECT I N ITEM 14, PURSUANT TO THE AUT	THE AD	ES SET FORTH IN ITEM 14 ARE MADE IN T M NISTRATIVE CHANGES (such as changes OF FAR 43.103(b). TY OF:			
	D. OTHER (Specify type of modification	• /					
Х	Bilateral IAW FAR 52	.212-4(c) Changes					
E. IMPORTAN	T Contractor is not.	x is required to sign this document an	nd return	copies to the issuin	g office.		
FIXED WI	ING FLIGHT SERVICES P		-	olicitation/contract subject matter where feasib E NATIONAL SCIENCE FOUN	,	THE	
mbe	-	-		e remaining funds on th bices have been paid an items		-	
lines. hereby p	provides release of c CHANGES:		line	i cento.			
lines. hereby p LIST OF	provides release of c	laims on the stated	line	Leons.			
lines. hereby p LIST OF Reason f Total Ar	provides release of c CHANGES:	laims on the stated nding Only Action cation: -\$163,912.80	5				
lines. hereby p LIST OF Reason 1 Total Ar New Tota	provides release of c CHANGES: for Modification : Fu mount for this Modifi al Obligated Amount f	laims on the stated nding Only Action cation: -\$163,912.80	5				
lines. hereby p LIST OF Reason f Total Ar New Tota Continue	provides release of c CHANGES: for Modification : Fu mount for this Modifi al Obligated Amount f ed	laims on the stated nding Only Action cation: -\$163,912.80 or this Award: <mark>(b) (</mark> 2	0 0A, as he 16A.	retofore changed, remains unchanged and in f			
lines. hereby p LIST OF Reason f Total Ar New Tota Continue	provides release of c CHANGES: for Modification : Fu mount for this Modifi al Obligated Amount f ed vided herein, all terms and conditions of th	laims on the stated nding Only Action cation: -\$163,912.80 or this Award: <mark>(b) (</mark> 2	0 0A, as he 16A.	retofore changed, remains unchanged and in f			
lines. hereby p LIST OF Reason f Total Ar New Tota Continue <u>Except as pro</u> 15A. NAME A	provides release of c CHANGES: for Modification : Fu mount for this Modifi al Obligated Amount f ed vided herein, all terms and conditions of th	laims on the stated nding Only Action cation: -\$163,912.80 or this Award: <mark>(b) (</mark> 2	0A, as he 16A. Mic	retofore changed, remains unchanged and in f	CER (Type or print)	DATE SIGNED	

Previous edition unusable

NAME OF OFFEROR OR CONTRACTOR

em No.	SUPPL ES/SERVICES	QUANTIT	YUNIT	UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	CHANGES FOR LINE ITEM NUMBER: 470		++		
	Total Amount changed				
	from (b) (4) to (b) (4)				
	Obligated Amount for this modification:				
	(b) (4)				
	CHANGES FOR LINE ITEM NUMBER: 480				
	Total Amount changed				
	from (b) (4) to (b) (4) Obligated Amount for this modification:				
	(b) (4)				
	CHANGES FOR LINE ITEM NUMBER: 490				
	Total Amount changed				
	from (b) (4) to (b) (4)				
	Obligated Amount for this modification:				
	(b) (4)				
	CHANGES FOR LINE ITEM NUMBER: 500				
	Total Amount changed from (b) (4) to (b) (4)				
	from (b) (4) to (b) (4) Obligated Amount for this modification:(b) (4)				
	obligated Amount for this modification. (b) (4)				
	CHANGES FOR LINE ITEM NUMBER: 520				
	Total Amount change <u>d</u>				
	from (b) (4) to (b) (4)				
	Obligated Amount for this modification:				
	(b) (4)				
	CHANCES FOR THE TWEN NUMBER. 520				
	CHANGES FOR LINE ITEM NUMBER: 530 Total Amount change <u>d</u>				
	from (b) (4) to (D) (4) Obligated Amount for this modification:				
	(b) (4)				
	Payment Terms:				
	PP30 Polivery Legation Code: 0000036050				
	Delivery Location Code: 0009836858 ACQ Aviation				
	300 East Mallard Drive				
	Boise ID 83706 US				
	FOB: Destination				
	Period of Performance: 09/01/2014 to 08/31/2015				
	Change Item 00470 to read as follows (amount shown				
	is the obligated amount):				
	Continued				
540.01.15		1			

PAGE

2

OF

	REFERENCE NO. OF DOCUMENT BEING CONTINUED
CONTINUATION SHEET	D12PC00113/0023

NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPL ES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	<b>(</b> E)	<b>(</b> F)
00470	NSF-Fixed Wing Flt Services Arctic Region 2014 Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 Funded: (b) (4)				(b) (4)
	The COR will provide the contractor with the Office of Aircraft Services (OAS) status report template to list the work accomplished each day throughout the period of performance. The contractor shall complete and forward the report weekly to the COR. The contractor shall notify the CO or COR when 75% of the estimated total is reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and parking based on actual receipts. The COR must be notified if the actual cost would exceed the authorized per diem for any location. All Daily Availability, Flight Time and other line items are based on Government estimates to complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values.				
0480	Change Item 00480 to read as follows(amount shown is the obligated amount): NSF-Fixed Wing Flt Services Arctic Region 2014				(b) (4
	IT Approval Num: N Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF739 PR Acct Assign Line: 01 Funded: (b) (4)				
	Change Item 00490 to read as follows(amount shown is the obligated amount): Continued				

PAGE

3

OF

	REFERENCE NO.	OF DOCUMENT	BEING CONTINUED
CONTINUATION SHEET	D12PC0011	3/0023	

NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPL ES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
0490	NSF-Fixed Wing Flt Services Arctic Region, SCARFS 2014				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHB0I.14NSF739 PR Acct Assign Line: 01 Funded: (b) (4)				
	The COR will provide the contractor with the Office of Aircraft Services (OAS) status report template to list the work accomplished each day throughout the period of performance. The contractor shall complete and forward the report weekly to the COR. The contractor shall notify the CO or COR when 75% of the estimated total is reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and parking based on actual receipts. The COR must be notified if the actual cost would exceed the authorized per diem for any location.				
	All Daily Availability, Flight Time and other line items are based on Government estimates to complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values stated on the attached pricing schedule.				
	Change Item 00500 to read as follows(amount shown is the obligated amount):				
0500	(b) (4) GIMBLE Mod				<b>(b)</b>
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHB0I.14NSF664 PR Acct Assign Line: 01 Funded: (b) (4)				
	(b) (4) Modification, KBA shall Continued				

PAGE

4

OF

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

ITEM NO.	SUPPL ES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	perform the GIMBLE Installation to support the NSF and the University of Texas in accordance with the attached Statement of Work, titled Aircraft Modification, (b) (4) GIMBLE Installation and Aircraft Provisions.				
	All pay items identified in the SOW shall be submitted on an AMD-23 and subsequently in AMS. Items 3.1, 3.2 shall be submitted in AMS as a special charge (SC). Item 4 shall also be submitted in AMS and clearly identify hanger time, daily availability, flight time, and other allowable costs with attached receipts.				
	Change Item 00520 to read as follows(amount shown is the obligated amount):				
0520	Aircraft Modification - NCALM Project Antarctica				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHB0I.14NSF664 PR Acct Assign Line: 01 Funded: (b) (4)				
	(b) (4) Antarctica Mapping Project, Aircraft modification. KBA shall perform the NCALM installation in support of National Center for Airborne Laser Mapping and the NSF in accordance with the attached Statement of Work.				
	All pay items identified in the SOW shall be submitted on an AMD-23 and subsequently in AMS. Items 3.1, 3.3 shall be submitted in AMS as a special charge (SC). Item 4 shall also be submitted in AMS and clearly identify hanger time, daily availability, flight time, and other allowable costs with attached receipts				
	Change Item 00530 to read as follows(amount shown is the obligated amount):				
0530	(b) (4) GIMBLE Mod Add Funds				(b) (4
	Accounting Info: Continued				

PAGE

5

OF

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

TEM NO.	SUPPL ES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	01 Account Assignment: K G/L Account: 6100.252L0				
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area:				
	DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center:				
	DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct				
	Assign Line: 01				
	Funded: (b) (4)				
	Follow on to modification 18 which added line 500				
	for the GIMBLE Aircraft Modification project.				
	Additional Funds are obligated to provide				
	required testing of installed GIMBLE equipment as				
	needed, not to exceed amount.				
	The contractor shall continue to invoice against				
	line item 500 until zero dollars remain and then				
	invoice against line item 530 for the GIMBLE				
	aircraft modification project for further testing				
	as needed.				
		I			

PAGE

6

OF

	ATION OF CONTRACT		1. CONTRACT D CODE	PAGE	OF PAGES
	1	4 ==		1	2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		QUISITION/PURCHASE REQ. NO.	p. PROJECT	NO. (If applicable)
0.024 S. ISSUED BY CODE	See Block 16C				-
5. ISSUED BY CODE Interior Business Center, AG Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706 3. NAME AND ADDRESS OF CONTRACTOR (No., stree OREK, KENN AIR LTD .ttn: ATTN GOVERNMENT POC	-	DOI Div 300 Sui Boi	DMINISTERED BY ( <i>If other than Item 6</i> ) (, Interior Business Cen- vision 4/ Branch 1 ) East Mallard Drive ite 200 ise ID 83706 A. AMENDMENT OF SOLICITATION NO. B. DATED (SEE ITEM 11)	CODE D4	
90 MCTAVISH RD NE ALGARY AB T2E 7G5			DA. MODIFICATION OF CONTRACT/ORDER N 12PC00113 DB. DATED (SEE ITEM 13)	0.	
CODE 0071061255	FAC LITY CODE		01/05/2012		
separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an offer reference to the solicitation and this amendment, and 2. ACCOUNT NG AND APPROPRIATION DATA ( <i>If req</i> ) 1	OFFERS PRIOR TO THE HOUR AND er already submitted , such change ma is received prior to the opening hour a	DATE SF y be made and date s	PECIFIED MAY RESULT IN REJECTION OF YO e by telegram or letter, provided each telegram o pecified.	UR OFFER If	by
13. THIS ITEM ONLY APPLIES TO N	IODIFICATION OF CONTRACTS/ORD	ERS. IT M	IODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBED IN IT	ΓEM 14.
			IGES SET FORTH IN ITEM 14 ARE MADE IN TI DM NISTRATIVE CHANGES (such as changes i Y OF FAR 43.103(b).		
C. THIS SUPPLEMENTAL AGREEMEN X C29 Incrementally-Fu D. OTHER (Specify type of modification	nded Fixed Price Co				
E. IMPORTANT Contractor is not.	It is required to sign this document	and return	n1 copies to the issuing	office	
14. DESCRIPTION OF AMENDMENT/MODIFICATION FIXED WING FLIGHT SERVICES P REGION, 2015 SEASON. Reason for Modification : Su	(Organized by UCF section headings, ROVIDED IN SUPPORT	<i>including</i> OF TH	solicitation/contract subject matter where feasib HE NATIONAL SCIENCE FOUN	le.)	ARCTIC
Cotal Amount for this Modifi New Total Obligated Amount f					
The contractor shall provide <b>b) (4)</b> to support accordance with B1.1.1.2. Ar	the National Scien	he at	o separate projects and ;	Regions k, Arct	ic Flight
Services. The required servi Continued Except as provided herein, all terms and conditions of th 15A. NAME AND TITLE OF SIGNER ( <i>Type or print</i> )	ne document referenced in Item 9 A or	16A	. NAME AND TITLE OF CONTRACT NG OFFIC		
Services. The required servi Continued Except as provided herein, all terms and conditions of th	ne document referenced in Item 9 A or 15C. DATE SIGNED	16A Mi			

NAME OF OFFEROR OR CONTRACTOR BOREK, KENN AIR LTD

BOREK, H	KENN AIR LTD				
ITEM NO.	SUPPL ES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
NSN 7540-01-152	L 28067	1	<u>ı (</u>	I	OPTIONAL FORM 336 (4-86)

PAGE

2

OF

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CONTRACT		1. CONTRACT D CODE	PAGE	OF PAGES
		1		1	2
AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. RE0	QUISITION/PURCHASE REQ. NO.	5. PROJEC	T NO. (If applicable)
025	See Block 16C	7 40	MINISTERED BY (If other than Item 6)		
. ISSUED BY CODE	D41	_		CODE D4	
Interior Business Center, AÇ Division 4/ Branch 1	<u>]</u> D		, Interior Business Cent ision 4/ Branch 1	ter, AÇ	<u>i</u> D
300 East Mallard Drive			East Mallard Drive		
Suite 200			te 200		
Boise ID 83706			se ID 83706		
B. NAME AND ADDRESS OF CONTRACTOR (No., street	t, county, State and ZIP Code)	(x) 9A	A. AMENDMENT OF SOLICITATION NO.		
ENN BOREK AIR LTD					
ttn: ATTN GOVERNMENT POC		9E	B. DATED (SEE ITEM 11)		
90 MCTAVISH RD NE SUITE 4					
ALGARY AB T2E 7G5		10	A. MODIFICATION OF CONTRACT/ORDER N	0.	
		X D	12PC00113		
		10	B. DATED (SEE ITEM 13)		
CODE 0071061255	FAC LITY CODE	-	01/05/2012		
00/1001203	11. THIS ITEM ONLY APPLIES TO				
The above numbered solicitation is amended as set for					not extended.
virtue of this amendment you desire to change an offer reference to the solicitation and this amendment, and 2. ACCOUNT NG AND APPROPRIATION DATA (If reg 1	is received prior to the opening hour an	d date sp	pecified.	r letter makes	
	ODIFICATION OF CONTRACTS/ORDE	RS. IT M	ODIFIES THE CONTRACT/ORDER NO. AS DES	SCRIBED IN I	TEM 14.
A. THIS CHANGE ORDER IS ISSUED I ORDER NO. IN ITEM 10A.	PURSUANT TO: (Specify authority) TH	E CHAN	GES SET FORTH IN ITEM 14 ARE MADE IN TH	HE CONTRA	CT
B. THE ABOVE NUMBERED CONTRA( appropriation date, etc.) SET FORT	CT/ORDER IS MODIF ED TO REFLECT	THE AD	M NISTRATIVE CHANGES (such as changes in / OF FAR 43.103(b).	n paying offic	e,
X C. THIS SUPPLEMENTAL AGREEMEN					
C. THIS SOFT LEWENTAL AGREEMEN	TIS ENTERED INTO FORSOANT TO				
D. OTHER (Specify type of modification	and authority)				
<b>IMPORTANT</b> Contractor  is not.			copies to the issuing		
14. DESCRIPTION OF AMENDMENT/MODIFICATION		Ũ		,	ADOUTO
IXED WING FLIGHT SERVICES P	ROVIDED IN SUPPORT (	)F. I.H	E NATIONAL SCIENCE FOUN	DATION,	ARCTIC
REGION, 2015 SEASON.					
IST OF CHANGES:					
leason for Modification : Fu	nding Only Action				
		1			
Cotal Amount for this Modifi					
New Total Obligated Amount f	of this Award: (0) (4)				
HANGES FOR LINE ITEM NUMBER	: 550				
otal Amount changed					
ontinued					
Except as provided herein, all terms and conditions of the	ne document referenced in Item 9 A or 1	0A, as h	eretofore changed remains unchanged and in fi	ull force and 4	effect.
5A. NAME AND TITLE OF SIGNER ( <i>Type or print</i> )			NAME AND TITLE OF CONTRACT NG OFFIC		
			chael Willis		
			UNITED STATES OF AMERICA		
I5B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B.	UNITED STATES UP AMERICA		16C. DATE SIGNED
(Ormate 1 / / / / / / / / /					
(Signature of person authorized to sign)			(Signature of Contracting Officer)		DRM 30 (REV. 10-83)
Previous edition unusable			Pr	escribed by G	SA
			FA	R (48 CFR) {	53.243

REFERENCE NO. OF DOCUMENT BEING CONTINUED CONTINUATION SHEET D12PC00113/0025

NAME OF OFFEROR OR CONTRACTOR

(B) from (b) (4) Obligated Amount for this modification: -\$198,372.21 Delivery: 08/30/2015 Payment Terms: PP30 Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive	(C)	(D)	(E)	(F)
Obligated Amount for this modification: -\$198,372.21 Delivery: 08/30/2015 Payment Terms: PP30 Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive				
<pre>Suite 200 Boise ID 83706 US Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.15NSF542 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2013 to 08/31/2015 Change Item 00550 to read as follows(amount shown is the obligated amount): FLIGHT SERVICES ARCTIC REGION 2015 Obligated Amount: -\$198,372.21</pre>				-198,372.3
	Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.15NSF542 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2013 to 08/31/2015 Change Item 00550 to read as follows(amount shown is the obligated amount): FLIGHT SERVICES ARCTIC REGION 2015	Business Area: D000 Commitment Item: 252L00 Cost Center: D568694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: D568694300 Project/WBS: DR.WHBOI.15NSF542 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2013 to 08/31/2015 Change Item 00550 to read as follows(amount shown is the obligated amount): FLIGHT SERVICES ARCTIC REGION 2015	Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.15NSF542 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2013 to 08/31/2015 Change Item 00550 to read as follows(amount shown is the obligated amount): FLIGHT SERVICES ARCTIC REGION 2015	Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.15NSF542 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2013 to 08/31/2015 Change Item 00550 to read as follows(amount shown is the obligated amount): FLIGHT SERVICES ARCTIC REGION 2015

PAGE

2

OF

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OI	1
2 AMENDALINTACOFICATION NO	3 EFFECTIVE DATE	4.86	DUISINDX/PURCHASE REQ. NO	5. PI	AGJECT NO	2 (if explorable)
0026	See Block 16C	0040	227623			
6 ISSUED BY CODE	D41	7. AD	MINISTERED BY (V allter from form 6)	CCO	E D41	
Interior Business Center, AQ Division 4/ Branch 3 300 East Mallard Drive Suite 200 Boisg 1D 03706	Q	Div 300 Sui	, Interior Business Ision 4/ Branch 1 Sast Mallard Drive te 200 se ID 83706	Center	, AQD	
B NAME AND ADDRESS OF CONTRACTOR PR	county, Sinty and 70P Codet	1.104	AMENDMENT OF SOLICITATION NO		<b></b>	
KENN BOREK AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE SUITE 4 CALGARY AB T2E 765		98 X D	DATED (SEE 118/W 11) A MODIFICATION OF CONTRACT/ORI 12 PC0 D 1 1 3 B DATED (SEE JTEW 13)			
cool 0071061255	FACILITY CODE	4 1 .	1/05/2012			
0011001253	11. THIS STEM ONLY APPLIES TO					
12. ACCOUNTING AND APPRICIPRIATION DATA (17 1905 01 13. THES ITEM DRLY APPLIER TO ME	wad) NG1	t Inc	NTREL CE28E: DDIRES THE CONTRACTIORDER NO. /		122.00	
DRECK GNE A THIS CHANGE ORDER (S ISSUED P ORDER MD. WITTEM 10A B THE ABOVE NUMBERED CONTRAC appropriation date, str. J SET FORTH						
x C30 Limitation of Gov			CY DP			
x C3U Limitation of Gov D DTHER (Street) gate of modeleaders		/11	· · · · · · · · · · · · · · · · · · ·			
E. INEPORTANT: Coresenter IIE 193	× is required to sign this document and	d reason	1 copera to the i	nauing chice		
TA DESCRIPTION OF AMENDMENTMODIFICATION ( "IXED WING FLIGHT SERVICES PF THE NATIONAL SCIENCE FOUNDAT! 2015 SEASON. Delivery: 00/30/2015 Payment Terms:	OVIDED IN SUPPORT O		Workshen-Wonfract subject matter where	Seaschir j		
2230						
Account Assignment: K G/L Acc	count: 6100.25210					
usiness Area: DD00 Commitmer						
Center: 0568694300 Functional						
WHAQEODG.1K0D00 Fund: XXX045 S568594300 Project/WBS: DR.Wh		*				
ontinued	ITATITIANS DIE EF WCC	-				
Except de provided herein, all ferros and conditions of the	i document references in Item 9 A or 10	A, an her	wistore changed, remaine unstanged a	nd in t <sub>4</sub> 8 force	e and effect	
SA NAME AND TITLE OF SIGNER (Type or print)			MANE AND TITLE OF CONTRACTING	protect and so that the second	a desta de la d	
JAPRMER PRESI	DENT	Mic	hael Willis	2		
SIL CONTRACTORIOFFEROR	IAE DATE SIGNED	768 L	NITED STATES OF AMERICA		180	DATE SIGNER
All filler at paran estimate to agri	Jul 27 2019	1.	(Signature of Contracting Office)		1	21/2015
NEW 754001-122-0070 Preventis ed kon unusation	F	l		Prescribe		0 (#EV 10-83)

CONTRACTOR DATE	REFERENCE NO. OF DOCUMENT ABING CONTINUED	PAGE	ØF	
CONTINUATION SHEET	REFERENCE NO OF DOCLMENT HEING CONTINUED D12PC00113/0026	2		2
NAME OF OFFEROR OR CONTRACT	ick		-	

KENN BOREK AIR LYU

DA WST	SUPPUES/8ERVICES	QUANTITY	1.1	LINIT PRICE	AMOUNT
(A)	(A)	(C)	D}	(E)	(F)
	Assign Line: 01				
	FOB: Destination Period of Performance: 07/23/2015 to 08/31/2015				
	Variou of Ferrormonice, 077272015 CO (0751/2015				
	Add Item 00560 as follows:				
0560	NPD Rived Mice, Phints Province, Supply Grains				230 100
0000	NSF-Fixed Wing Flight Services, Arctic Region, (SCARFs Project 2015)				228,122
	Obligated Amount: \$228,122.00				
	The COD will acquide the contractor with the				
	The COR will provide the contractor with the Office of Aircraft Services (OAS) status report				
	template to list the work accomplished each day				
	throughout the period of performance. The				
	contractor shall complete and forward the report				
	weekly to the COR. The contractor shall notify				
	the CO or COR when 75% of the estimated total is		- 3		
	reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and				
	parking based on actual receipts. The COR must				
	be notified if the actual cost would exceed the				
	authorized per diam for any location.				
	All Daily Availab lity, Flight Time and other				
	line items are based on Government estimates to				
	complete each project. The contractor shall be				
	paid for actual services performed, not to exceed				
	the estimated values. See attached Statement of Work and Cost Estimates.				
	HOLK AND GOLIBOLES.				
					8 <u>.</u>
1					
Ì					
1			- 1		

# 1.0 Objectives

CH2M Hill, Polar Field Services, SRI, and UMIAQ form the CPS team that provides support services for Arctic research activities that are funded by the National Science Foundation (NSF), Division of Polar Programs (PLR). The NSF is a U.S. government agency that promotes scientific research.

On behalf of the NSF, CPS will acquire fixed wing aircraft flight services from Kenn Borek Air, Ltd. (KBA), under Contract D12PC00113.

The 2015 support requirements include:

1. (b) (4) supporting the trans-Canada SCARFS project in July & August.

# 2.0 Scope

# 2.1 Small Canadian Arctic River Flows to the Freshwater Budget of the Canadian Archipelago support (SCARFS): ~31 July -> 22 August

A team of four personnel will obtain water samples from seven small rivers in the Canadian Archipelago. The team will have two small collapsible "zodiac" style boats with small boat motors and associated field/sampling gear. The intent is to fly to each site and obtain samples during the day while returning to a town each evening. The team will start the expedition in Kugluktuk and finish in Clyde River. Kenn Borek supported this project in 2014 and the research team primarily focused on river sampling from the shore. In 2015 the team will also sample in the estuaries of each river using small boats. This will require multiple visits to the same landing sites used in 2014 and increase the period of performance to approximately twenty-three days. We estimate approximately (b) (4) hours flown during the project not including ferry flights.

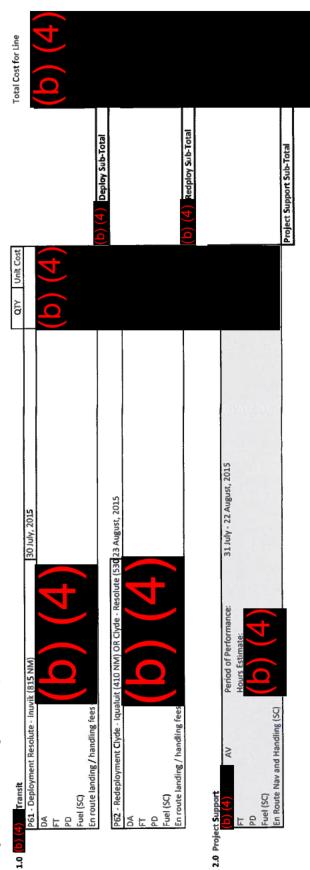
In 2014 Kenn Borek operated on intermediate floatation support tires during this project. We anticipate that the flight crew will work with the field team to book accommodations during the project

2.2 The COR will provide the contractor with the Office of Aircraft Services (OAS) status report template to list the work accomplished each day throughout the period of performance. The contractor shall complete and forward the report weekly to the COR. The contractor shall notify the CO or COR when 75% of the estimated total is reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and parking based on actual receipts. The COR must be notified if the actual cost would exceed the authorized per diem for any location.

All Daily Availability, Flight Time and other line items are based on Government estimates to complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values.

Date	(b) (4) Day	Activity	Notes
20-Jul		Field team arrives Kugluktuk	
21-Jul		Local meetings and preparation	
22-Jul		Sampling on Coppermine/Field tech training	
23-Jul		Estuary sampling	
24-Jul		Estuary sampling	
25-Jul		Estuary sampling	
26-Jul		Estuary sampling	
30-Jul		Mobilize (Inuvik > Kugluktuk); packing & shipment of samples	
31-Jul	1	Kugluktuk -> Cambridge Bay; prep. & sample Ellice River	
1-Aug	2	Cambridge Bay -> Ellice (sample) RTB & RON Cambridge Bay	estuary sampling
2-Aug	3	Cambridge Bay -> Ellice (sample) RTB & RON Cambridge Bay	estuary sampling
3-Aug	4	Cambridge Bay -> Ellice (sample) ferry to Gjoa Harbor (RON)	estuary sampling
4-Aug	5	Gjoa Harbor -> Back River (sample) RTB Gjoa Harbor RON	river & estuary sampling
5-Aug	6	Gjoa Harbor -> Back River (sample) RTB Gjoa Harbor RON	estuary sampling
6-Aug	7	Gjoa Harbor -> Back River (sample) RTB Gjoa Harbor RON	estuary sampling
7-Aug	8	Gjoa Harbor -> Back River (sample) ferry to Holman	estuary sampling
8-Aug	9	Holman meetings & prep; Kujjuua River sampling	river sampling
9-Aug	10	Kuujjaa River (sampling) Holman RON	estuary sampling
10-Aug	- 11	Kuujjaa River (sampling) Holman RON	estuary sampling
11-Aug	12	Kuujjaa River (sampling) Holman RON; town presentation?	estuary sampling
12-Aug	13	Ferry to Sachs Harbour; local meetings & prep	
13-Aug	14	Sachs Harbor -> Thomsen River sample RTB Sachs Harbour RON	river sampling
14-Aug	15	Sachs Harbor -> Thomsen River sample RTB Sachs Harbour RON	estuary sampling
15-Aug	16	Sachs Harbor -> Thomsen River sample RTB Sachs Harbour RON	estuary sampling
16-Aug	17	Sachs Harbor -> Thomsen River sample RTB Sachs Harbour RON	estuary sampling
17-Aug	18	Ferry to Resolute; prep; sample river	river sampling
18-Aug	19	Resolute -> Cunningham River (sample) RTB & RON Resolute	estuary sampling
19-Aug	20	Resolute -> Cunningham River (sample) RTB & RON Resolute	estuary sampling
20-Aug	21	Resolute -> Cunningham River (sample) RTB & RON Resolute	estuary sampling
21-Aug	22	Resolute -> Cunningham River (sample) RTB & RON Resolute	estuary sampling
22-Aug	23	Resolute -> Cunningham River (sample) RTB & RON Resolute	estuary sampling
23-Aug		A/C De-mobilizes to Iqaluit and on to Calgary; prep & meetings	
24-Aug		Team samples at Clyde River	estuary sampling
25-Aug		Team samples at Clyde River; local meetings & packing	estuary sampling
26-Aug		Team samples at Clyde River; local meetings & packing	estuary sampling
27-Aug		Packing & shipment of samples	
28-Aug		Team departs for U.S.	

# Project Estimate High Arctic (SCARFS)



# 3.0 Notes

this will list the work accomplished for each day, over the period or performance. KBAL shall track and notify OAS when 75% of OAS will reimburse KBAL for all transit fuel based on actual receipts. Per Diem paid by actual location. If actual costs exceed KBAL will notify OAS daily with a work status progress schedule, OAS will provide KBAL with the OAS status report template funded flight hours are reached in addition to prior to any single line item cost overrun. authorized amount for location, itemized receipts must be provided.

Grand Total

Per Diem Reference http://www.defensetravel.dod.mil/site/perdiemCalc.cfm

All landing counts, sea ice landing assumptions based upon compliance with CARs and existing contract crew day/ crew rest limitation. All DA and FT are based on estimates. KBAL will be paid for actual, NTE values.

2 ANDRONE	AND A ROWARD AND A ROWA			1 2
0.0.0.0	NTACOFICATION NO	3. EFFECTIVE DATE	4 REQUISITION/PURCHASE RED NO	5 PROJECT NO. (/ equitoble)
0027 6 199LED BY		See Block 16C	0040231827	
		241	7. ADMINISTERED BY fit other then then	CODE D41
	r Business Center,	AQD	DOI, Intérior Business	Conter, ADD
	n 4/ Branch 1		Division 4/ Branch 1	
			300 East Mallard Drive	
Suite 21 Boise II			Suite 200 Boisé ID 83706	
50136 II	0 00/00		B0195 10 02108	
8 NAME AND	ADDRESS OF CONTRACTOR (No	treet, manuty, Schlar and 24P Code)	(N) 24 AMEROMENT OF BOLICITATION NO	
			941	
	KEK AIR LTD		68 DATED (SEE ITEM 11)	
	TH GOVERNMENT POC		BB. CHIED (SEE FREM TI)	
	AB T2E 765			
artist artist	NUT BIOD TOD		X D12PC0D113	XA ND
			DALLOUDILI	
			108 DATED (SEE ITEM 13)	and the second
0006 00	71061255	FACALITY CODE	01/05/2012	
- VU	11144049	41 YOUR TYPES ALL V ADDITES	TO AMENDMENTS OF SOLICIATIONS	
The street	e tebreme an notataka haracmur	The second s	The second se	a conternative i a mail a mandard
			in the solicitation of an amended , by one of the follows	
Remi 9 and	15, and returning	copea of the aroundmant, (b) By ackn	cowledging recessi of this amendment on each copy of	the offer subrated , or (c) By
			NUTLER FALLING OF YOUR ACKNOWLEDGEMET NO DATE SPECIFIED MAY RESULT IN REJECTION O	
			they for many the provided each to be the second of the se	
reterence to	the solicitation and this amendment, a	and is received prior to the opening hour		
	ING AND APPROPRIATION DATA (IT)	(1991)	Net Increase:	\$3,380.00
D1				
	13. THIS ITEM GRILY APPLIES TO	D BOOP MATION OF CONTRACTS/OF	IDERS. IT MODIFIES THE CONTRACT/ORDER HO.	B DEBCRIBED IN ITEM 14.
CHECK ONE	A THIS CHANGE ORDER IS ISSUE ONDER NO IN ITEM 104.	D PURSIANT TO (Spearly automay)	THE CHANGES SET FOR THIN ITEM 14 ARE MADE	IN THE CONTRACT
	9. THE ABOVE NUMBERED CONTR appropriation dam, etc.) SET FOR	RACTACROER IS MODIFIED TO HEFLI RTH IN ITEM 14 PURSUANT TO THE	RCT THE ADMINISTRATIVE CHANGES (such as chin Authority of Far 43 103(b)	മുടെ ശുദ്ധന്വ മടിക്ക.
	appropriation date, eac.) SET FOR	RACTACROER IS MODIFIED TO HEFL RTH IN ITEM 14, PURSLANT TO THE ENT IS ENTERED INTO PURSUANT T	AUTHORITY OF FAR 43 103(b)	nges in payring antice.
x	appropriation date, etc.) SET FOR	TH IN ITEM 14, PURSUANT TO THE	authority of far 43, 103(b) To Authority of	ngas io pojnig añoe.
	appropriation date, etc.) SET FOR	RTH N (TEM 14, PURSUANT TO THE ENT IS ENTERED NTO PURSUANT T GOVGTIEBENT'S Obligat	authority of far 43, 103(b) To Authority of	ngas is paynig alloo.
	appropriation date, ext) SET FOF C THIS SUPPLEMENTAL AGAINM C30 LimitAtion of C	RTH N (TEM 14, PURSUANT TO THE ENT IS ENTERED NTO PURSUANT T GOVGTIEBENT'S Obligat	authority of far 43, 103(b) To Authority of	ngas io paynig Olico.
	appropriation date, est ) SET FOF C. THIS SUPPLEMENTAL AGREEME C30 Limitation of ( D OTHER (Specify Syste of could base	ATH IN ITEM 14, PURSUANT TO THE ENT IS ENTERED INTO PURSUANT T HOVE TIMESITE'S Obligat How and authority	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF	
5 IMPORTANT	appropriation data, est ) SET FOF C. THIS SUPPLEMENTAL AGREEM C30 LimitAtions of C D OTHER (Specify Type of resultion Contractor Is not	ATH IN ITEM 14, PURSUANT TO THE ENT IS ENTERED INTO PURSUANT T GOVETTIEGET 'S Obligat ine and authority # is required to sign this document	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF	imuñ cyra
5 IMPORTANT	appropriation data, est ) SET FOF C. THIS SUPPLEMENTAL AGREEM C30 LimitAtions of C D OTHER (Specify Type of resultion Contractor Is not	THE IN ITEM 14, PURSUANT TO THE ENT IS ENTERED INTO PURSUANT T DOVE TITLES IL'S (DD1igat to and automy) * is required to sign this document N (Organized by MCF section neutring	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF	imuñ cyra
A OFFICIANT	appropriation date, att ) SET FOF C. THIS SUPPLEMENTAL AGREEM C.30 LimitAtion of C D OTHER (Specify June of evaluation C. Contractor Is not FON OF AMENDMENTIMOD/FICATIO	THE IN ITEM 14 PURSUANT TO THE ENT IS ENTERED INTO PURSUANT T DOVETTIEGET \$ Obligat in and automys * is required to sign this document N (Organized by UCF section reaching PROVIDED IN SUPPORT	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF	imuñ cyra
A OFFICIANT	appropriation data, est ) SET FOR C THIS SUPPLEMENTAL AGREEM C30 LimitAtion of C D OTHER (Specify type of readificant C Contractor Is Poll TON OF AMENDMENTPACDIFICATION NG FLIGHT SERVICES	THE IN ITEM 14 PURSUANT TO THE ENT IS ENTERED INTO PURSUANT T DOVETTIEGET \$ Obligat in and automys * is required to sign this document N (Organized by UCF section reaching PROVIDED IN SUPPORT	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF	imuñ cyra
L MPORTANT M. DESCRIPT TIXED WI THE NATI	appropriation data, est ) SET FOR C THIS SUPPLEMENTAL AGREEM C30 LimitAtion of C D OTHER (Specify type of readificant C Contractor Is Poll TON OF AMENDMENTPACDIFICATION NG FLIGHT SERVICES	ATH IN (FER 14, PURSUANT TO THE ENT IS ENTERED INTO PURSUANT T HOVE THEGET & Obligat is and authority I is required to sign this document (Organized by MCF section neading PROVIDED IN SUPPORT IT JON.	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF LOT Mana return moves to the a A including solicitation/contract autijiter contrar where A C OF	imuñ cyra
E IMPORTANT IN DESCRIPT TIXED WI THE NATION Reason C	appropriation data, ext ) SET FOR C THIS SUPPLEMENTAL AGREEM C30 LimitAtion of C D OTHER (Specify type of condition C Contractor Is not FC ON OF AMENDMENTANCONFICATION NG FLIGHT SERVICES ONAL SCIENCE FOUNDA	ATH IN (FER 14, PURSUANT TO THE ENT IS ENTERED INTO PURSUANT T HOVE THEGET & Obligat is and authority I is required to sign this document (Organized by MCF section neading PROVIDED IN SUPPORT IT JON.	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF LOT Mana return moves to the a A including solicitation/contract autijiter contrar where A C OF	imuñ cyra
E MPORTANT M. DESCRIPT TIXED WI THE NATI Reason C for work	appropriation data, all ) SET FOR C THIS SUPPLEMENTAL AGAINM C30 LimitAtion of C D OTHER (Specify Type of condition C Contractor Is not TON OF AMENDMENTALODIFICATION NG FLIGHT SERVICES ONAL SCIENCE FOUNDA OF Modification : S	ATH IN (FEM 14, PURSUANT TO THE ENT IS ENTERED INTO PURSUANT T Sovernment's Obligat is equired to sign this document (Organized by UCF section nearing PROVIDED IN SUPPORT TION. Supplemental Agreeme	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF LOT Mana return moves to the a A including solicitation/contract autijiter contrar where A C OF	imuñ cyra
E MPORTANT IN DESCRIPT TIXED WI THE NATI THE NATI Reason C for work	appropriation date, all ) SET FOR C THIS SUPPLEMENTAL AGAINM C30 Limitation of C D OTHER (Specify Type of condition C Contractor Is not NON OF AMENDMENTANCOFFICATION NG FLIGHT SERVICES ONAL SCIENCE FOUNDA For Modification : S within scope	ATH IN (FEM 14 PURSUANT TO THE ENT & ENTERED INTO PURSUANT T Sovernment's Obligat is equired to age this document (Organized by UCF section reaching PROVIDED IN SUPPORT TION. Supplemental Agreeme Sication: \$3,380.00	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF LOT Mana return moves to the a A including solicitation/contract autijiter contrar where A C OF	imuñ cyra
E MPORTANT IN DESCRIPT TIXED WI THE NATI THE NATI Reason C for work	appropriation date, and ) SET FOR C THIS SUPPLEMENTAL AGAINM C30 Limitation of C D OTHER (Specify type of reading C Contractor 19 and NON OF AMENDMENTARODIFICATION NG FLIGHT SERVICES ONAL SCIENCE FOUNDA Cor Modification : S within scope yount for this Modifi	ATH IN (FEM 14 PURSUANT TO THE ENT & ENTERED INTO PURSUANT T Sovernment's Obligat is equired to age this document (Organized by UCF section reaching PROVIDED IN SUPPORT TION. Supplemental Agreeme Sication: \$3,380.00	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF LOT Mana return moves to the a A including solicitation/contract autijiter contrar where A C OF	imuñ cyra
E MPORTANT IN DESCRIPT TIXED WI THE NATI THE NATI Reason C for work	appropriation date, and ) SET FOR C THIS SUPPLEMENTAL AGAINM C30 Limitation of C D OTHER (Specify type of reading C Contractor 19 and NON OF AMENDMENTARODIFICATION NG FLIGHT SERVICES ONAL SCIENCE FOUNDA Cor Modification : S within scope yount for this Modifi	ATH IN (FEM 14 PURSUANT TO THE ENT & ENTERED INTO PURSUANT T Sovernment's Obligat is equired to age this document (Organized by UCF section reaching PROVIDED IN SUPPORT TION. Supplemental Agreeme Sication: \$3,380.00	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF LOT Mana return moves to the a A including solicitation/contract autijiter contrar where A C OF	imuñ cyra
E AMPORTANT 14. DESCRIPT FIXED WI THE NATION Reason for For work Total Am lew Tota 0) (4)	appropriation date, att ) SET FOR C THIS SUPPLEMENTAL AGAINM C30 Limitation of C D OTHER (Specty June of could add C Contractor Is not TON OF AMENDMENTIMODIFICATION NG FLIGHT SERVICES ONAL SCIENCE FOUNDA OF Modification : S within scope yount for this Modifi 1 Obligated Amount	ATH IN (FEM 14 PURSUANT TO THE ENT IS ENTERED INTO PURSUANT TO DOVERTIMENT'S Obligat In required to sign this document IN (Organized to JUCF section nearing PROVIDED IN SUPPORT TION. Supplemental Agreeme Sication: \$3,380.00 for this Award:	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF .: LOT Is and return and we to the u a, including solicitation to object solities addition to object solities addition of the u t: OF en t:	imuñ cyra
E AMPORTANT 14. DESCRIPT TIXED WI THE NATION Reason C for work Total Am New Tota O) (4) The cont	appropriation date, and ) SET FOR C THIS SUPPLEMENTAL AGAINM C30 Limitation of C D OTHER (Spectry type of condition C Contractor land C Contractor shall provide	The Wiffer 14 PURSUANT TO THE ENT & ENTERED WTO PURSUANT T Sovernment's Obligat we and autoony * is required to sign this document N (Organized by ACF sectors reaching PROVIDED IN SUPPORT TTION. Supplemental Agreeme fication: \$3,380.00 for this Award: is a review and upgr	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF .: LOT Is and return and we to the u a, including solicitation to object solities addition to object solities addition of the u t: OF en t:	imuñ cyra
E MPORTANT IN DESCRIPT TIXED WI THE NATI TREASON & TOTAL TOTAL AM NOTAL TOTAL THE CONT THE CONT THE CONT	appropriation date, and ) SET FOR C THIS SUPPLEMENTAL AGAINM C30 Limitation of C D OTHER (Specty type of condition C Contractor Is not NG FLIGHT SERVICES ONAL SCIENCE FOUNDA For Modification : S within scope bount for this Modifi 1 Obligated Amount cractor shall provid ngineering approval	The Wiffer 14 PURSUANT TO THE ENT & ENTERED WTO PURSUANT T Sovernment's Obligat we and autoony * is required to sign this document N (Organized by ACF sectors reaching PROVIDED IN SUPPORT TTION. Supplemental Agreeme fication: \$3,380.00 for this Award: is a review and upgr	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF .: LOT Is and return and we to the u a, including solicitation to object solities addition to object solities addition of the u t: OF en t:	imuñ cyra
E MPORTANT IN DESCRIPT TIXED WI THE NATION the NAT	appropriation date, and SET FOR C THIS SUPPLEMENTAL AGAINM C30 Limitation of C D OTHER (Specify type of could can be contractor lead TON OF AMENDMENTAGOFFICATION NG FLIGHT SERVICES ONAL SCIENCE FOUNDA Cor Modification : S within scope bount for this Modifi 1 Obligated Amount cractor shall provid ngineering approval d	The Wiffer 14 PURSUANT To THE ENT & ENTERED WTO PURSUANT T Sovernment's Obligat " is required to sign this document (Organized on UCF section nearing PROVIDED IN SUPPORT TION. Supplemental Agreeme Sication: \$3,380.00 for this Award: is a review and upgr a for equipment	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF LION IS and return mop on to the o A including addatation included addptor contrar offer of C OF The C	patron ) mm/d cym
E OPPORTANT IN DESCRIPT TIXED WI THE NATION TO NOTA TO NOTA TO NOTA TO THE CONT THE CONT	appropriation date, and ) SET FOR C THIS SUPPLEMENTAL AGAINM C30 Limitation of C D OTHER (Specify type of could can C Contractor Is not NO OF AMENDMENTALODFICATION NG FLIGHT SERVICES ONAL SCIENCE FOUNDA Cor Modification : S within scope Nount for this Modifi 1 Obligated Amount C Contractor shall provide reactor shall provide reactor shall provide d, ded herem, elterna and conducts of	The Wiffer 14 PURSUANT To THE ENT & ENTERED WTO PURSUANT T Sovernment's Obligat " is required to sign this document (Organized on UCF section nearing PROVIDED IN SUPPORT TION. Supplemental Agreeme Sication: \$3,380.00 for this Award: is a review and upgr a for equipment	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF .: LOT Is and return and we to the u a, including solicitation to object solities addition to object solities addition of the u t: OF en t:	swing office basistion }
E OPPORTANT IN DESCRIPT TIXED WI THE NATION TO NOTA TO NOTA TO NOTA TO THE CONT THE CONT	appropriation date, and SET FOR C THIS SUPPLEMENTAL AGAINM C30 Limitation of C D OTHER (Specify type of could can be contractor lead TON OF AMENDMENTAGOFFICATION NG FLIGHT SERVICES ONAL SCIENCE FOUNDA Cor Modification : S within scope bount for this Modifi 1 Obligated Amount cractor shall provid ngineering approval d	The Wiffer 14 PURSUANT To THE ENT & ENTERED WTO PURSUANT T Sovernment's Obligat " is required to sign this document (Organized on UCF section nearing PROVIDED IN SUPPORT TION. Supplemental Agreeme Sication: \$3,380.00 for this Award: is a review and upgr a for equipment	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF LOD R and return	swing office basistion }
E AMPORTANT 14. DESCRIPT TIXED WIL THE NATION Reason for for work for work for work for work to the Martin to the cont to th	appropriate of date, and ) SET FOR C THIS SUPPLEMENTAL AGAINM C30 Limitation of C D OTHER (Specty June of could ad C Contractor Is not TON OF AMENDMENTIMODIFICATION NG FLIGHT SERVICES ONAL SCIENCE FOUNDA OF Modification : S within scope yount for this Modifi 1 Obligated Amount C Contractor shall provide mgineering approval d need herem, elterns and conditions of 0 THLE OF SIGNER (Type or pret) A DR IN CA	The Wiffer 14 PURSUANT To THE ENT & ENTERED WTO PURSUANT T Sovernment's Obligat " is required to sign this document (Organized on UCF section nearing PROVIDED IN SUPPORT TION. Supplemental Agreeme Sication: \$3,380.00 for this Award: is a review and upgr a for equipment	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF LOT K and return moples to the u a, including addates over other addject contrar effers 4 COF CIC CIC CIC	d in full force and affield FF4CER (7,pe or print)
E AMPORTANT 14. DESCRIPT TIXED WIL THE NATION Reason for for work for work for work for work to the Martin to the cont to th	appropriation date, and ) SET FOR C THIS SUPPLEMENTAL AGAINM C30 Limitation of C D OTHER (Specify type of could can C Contractor Is not NO OF AMENDMENTALODFICATION NG FLIGHT SERVICES ONAL SCIENCE FOUNDA Cor Modification : S within scope Nount for this Modifi 1 Obligated Amount C Contractor shall provide reactor shall provide reactor shall provide d, ded herem, elterna and conducts of	The Wiffer 14 PURSUANT To THE ENT & ENTERED WTO PURSUANT T Sovernment's Obligat " is required to sign this document (Organized on UCF section nearing PROVIDED IN SUPPORT TION. Supplemental Agreeme Sication: \$3,380.00 for this Award: is a review and upgr a for equipment	AUTHORITY OF FAR 43 103(b) TO AUTHORITY OF .: IOT IS and return access to the u a, including solicitation to which a solitics addition where A .: OF .: OF .: IOF .:	swing office basistion }
E AMPORTANT 14. DESCRIPT FIXED WI FIE NATI Reason & for work for work foral Am New Tota D) (4) The cont to the e Continue Encel as prov ISA MARGAN	appropriate of date, and ) SET FOR C THIS SUPPLEMENTAL AGAINM C30 Limitation of C D OTHER (Specty June of could ad C Contractor Is not TON OF AMENDMENTIMODIFICATION NG FLIGHT SERVICES ONAL SCIENCE FOUNDA OF Modification : S within scope yount for this Modifi 1 Obligated Amount C Contractor shall provide mgineering approval d need herem, elterns and conditions of 0 THLE OF SIGNER (Type or pret) A DR IN CA	ATH IN ITEM 14 PURSUANT TO THE ENT IS ENTERED INTO PURSUANT TO DOVERTIMENT'S Obligat IN (Organized to agn this document IN (Organized to JUCF section nearing PROVIDED IN SUPPORT TTION. Supplemental Agreeme Sication: \$3,380.00 for this Award: The a review and upgr a for equipment the document referenced to horn SA a	AITHORITY OF FAR 43 103(b) TO AUTHORITY OF .: IOT Is and return moves to the u a including solicitation to object addition where A .: OF .: OF .: IOF .: IOA as hesetofore changed, remains unchanged an .: IBA NAME AND TITLE OF CONTRACTING O 	d in full force and affect FFGER (Type or print) 16C. DATE SIGNED

CONTINUATION SHEET	REFERENCE NO. OF DOMENT BEING CONTINUED	PAGE	OF
CONTINUATION SHEET	D12PC00113/00	2	2

NAME OF OFFEROR OR CONTRACTOR KENN BOREK AIR LTD

ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	installed on the (b) (4) and (b) (4) aircraft used in				
	support of the NASA-LDB Survey in Antarctica per				
	the attached SOW, dated 10 July 2015.				
			-		
	Delivery: 08/30/2015				
	Account Assignment: K G/L Account: 6100.252L0				
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area:				
	DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center:				
	DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct	1			
	Assign Line: 01				
	FOB: Destination				
	Period of Performance: 07/23/2015 to 08/31/2015				
	Add Item 00570 as follows:				
		Į			
00570	ENGINEERING APPROVALS FOR NASA/LDB SUREVY				3,380.00
	Obligated Amount: \$3,380.00				
	See attached Statement of Work, Engineering				
	Approvals for LDB Survey in <sup>(D) (4)</sup> and <mark>(b) (4)</mark>				
	Aircraft.				
		ı 1		1	

AMENDMENT OF SOLICITATION/MODIFIC/	ATION OF CONTRACT	1. CONTRACT D CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
0028	See Block 16C		
6. ISSUED BY CODE	D41	7. ADMINISTERED BY (If other than Item 6)	CODE D41
Interior Business Center, AQ Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706		DOI, Interior Business Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	
8. NAME AND ADDRESS OF CONTRACTOR (No., street,	county, State and ZIP Code)	9A. AMENDMENT OF SOLICITATION NO.	
KENN BOREK AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE SUITE 4 CALGARY AB T2E 7G5		(x)     98. AMENDMENT OF SOLICITATION NO.       98. DATED (SEE ITEM 11)       x     104. MODIFICATION OF CONTRACT/ORI       108. DATED (SEE ITEM 13)	DER NO.
CODE 0071061255	FAC LITY CODE		
CODE 0071061255	11. THIS ITEM ONLY APPLIES TO A	01/05/2012	
virtue of this amendment you desire to change an offe reference to the solicitation and this amendment, and 12. ACCOUNT NG AND APPROPRIATION DATA ( <i>If requ</i> 	is received prior to the opening hour and uired)		
ORDER NO. IN ITEM 10A.	T/ORDER IS MODIF ED TO REFLECT I NITEM 14, PURSUANT TO THE AUT	CHANGES SET FORTH IN ITEM 14 ARE MAD THE ADM NISTRATIVE CHANGES (such as cha HORITY OF FAR 43.103(b). UTHORITY OF:	
D. OTHER (Specify type of modification X C25 Option to Extend, C29	• •	Limitation of Government's Ob	ligation
E. IMPORTANT Contractor I is not,	is required to sign this document an	d return copies to the	issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION ( FIXED WING FLIGHT SERVICES PI ANTARCTICA AND ARCTIC, 2015- The purpose of this modifica A. This modification exercise 4, Contract Year 5 in accord	ROVIDED IN SUPPORT O 2016 tion is as follows: es the option to ext	F THE NATIONAL SCIENCE F end the term of the cont	OUNDATION.
B. The rates are hereby chand attached schedule of items.	ged in accordance wi	th C31.2 Economic Price	Adjustment. See the
The first installment of fund Continued	ding for Contract Ye	ar 5, Option 4, 2015 to	2016 in accordance
Except as provided herein, all terms and conditions of th	e document referenced in Item 9 A or 10	A, as heretofore changed, remains unchanged a	and in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACT NG Michael Willis	OFFICER (Type or print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to spr		(Signature of Contracting Officer)	
NSN 7540-01-152-8070 Previous edition unusable			STANDARD FORM 30 (REV. 10-83) Prescribed by GSA

NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPL ES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT	
A)	(B)	(C)	(D)	(E)	(F)	
	with C29 Incrementally Funded Fixed Price	+				
	Contract will be obligated					
	prior to October 15, 2015.					
	Payment Terms:					
	PP30					
	Period of Performance: 09/01/2015 to 08/31/2016					
~	or Only					
۲	יייט יין					
	-		1			

PAGE

2

OF

# **TABLE OF CONTENTS**

A1 SCHEDULE OF ITEMS
A2 CONTRACTOR'S OPERATING BASES / DELIVERY POINTS
B1 GENERAL REQUIREMENTS
B2 OPERATIONS
B3 PERSONNEL REQUIREMENTS
B4 AIRCRAFT REQUIREMENTS
B5 AVIONICS REQUIREMENTS
B6 MAINTENANCE REQUIREMENTS45
B7 FUEL AND SERVICING REQUIREMENTS
B8 CONSERVATION OF ANTARCTIC ANIMALS AND PLANTS
B9 ANTARCTIC WASTE MANAGEMENT
B10 ANTARCTIC METEORITES
B11 REQUIRED MEETINGS
B12 POST AWARD CONFERENCE
B13 PACKAGING AND SHIPPING
B14 SHIPPING TO McMURDO STATION, ANTARCTICA
C1 CONTRACT TERMS AND CONDITIONS – COMMERCIAL ITEMS (52.212-4 Jun 2010) [Tailored Sept 2005]
C2 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS – COMMERCIAL ITEMS (52.212-5 Jul 2010)
ADDENDA TO CONTRACT TERMS AND CONDITIONS
C3 INSPECTIONS / ACCEPTANCE (52.212-4(a)), the following is added:
C4 DESIGNATED BASES
C5 EXCLUSIVE USE PERIOD
C6 UNAVAILABILITY, DAMAGES, AND FAILURE TO PERFORM
C7 MEASUREMENT, PAYMENT AND GUARANTEE
C8 GOVERNMENT-FURNISHED PROPERTY
C9 GOVERNMENT-FURNISHED OFFICE SPACE, FURNISHINGS AND SERVICES
C10 AFTER-OPERATIONS REPORT
C11 CONTRACTOR DATA REQUIREMENTS
C12 FAR CLAUSES INCORPORATED BY REFERENCE
C13 CONTRACTS
C14 AUTHORITY OF GOVERNMENT PERSONNEL
C15 CONTRACTOR'S ON-SITE STATION SUPERVISOR
Contractib12PC00113 Reteality stment 2015 NSF – Fixed Wing 2 9/1/2015

# **TABLE OF CONTENTS**

C16 CHOICE OF LAW	;
C17 SAFETY AND ACCIDENT PREVENTION	
C18 MISHAPS	)
C19 REPLACEMENT OF PERSONNEL - CONTRACTOR PERSONNEL CONDUCT	-
C20 BILLING AND PAYMENT REQUIREMENTS	)
C21 HOLIDAYS AND LEAVE	;
C22 PERSONNEL SECURITY REQUIREMENTS	;
C23 MEDICAL AND DENTAL QUALIFICATION OF CONTRACTOR PERSONNEL74	ļ
C24 CONTRACT PERIOD74	ļ
C25 OPTION TO EXTEND THE TERM OF THE CONTRACT (48 CFR 52.217-9, Mar 2000).75	;
C26 OPTION TO EXTEND SERVICES (48 CFR 52.217-8, Nov 1999)75	;
C27 UNILATERAL EXTENSION OF EXCLUSIVE USE PERIOD	;
C28 AVAILABILITY OF FUNDS	;
C29 INCREMENTALLY-FUNDED FIXED-PRICE CONTRACT	;
C30 LIMITATION OF GOVERNMENT'S OBLIGATION (AUGUST 1993)76	ĵ
C31 INSURANCE AND ECONOMIC PRICE ADJUSTMENT	,
C32 ADDITIONAL PAY ITEMS	,
C33 NOTICE OF CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM (July 2010)	5
C34 IDENTIFICATION OF CONTRACT EXHIBITS AND ATTACHMENTS	)



# **A1 SCHEDULE OF ITEMS**

#### SCHEDULE A - CONTRACT LINE ITEM NUMBERS (A-CLINs)

# CLIN A1 -(b) (4)

## DESCRIPTION

Designated Base:

Exclusive Use Period:

Aircraft Requirement:

All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

(b) (4) Aircraft will be ordered each year beginning on or about 15 Oct each year and ending on or about February 15 the following year.

equipped as specified in Section B.

Crew Requirements:

One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

#### Minimum Aircraft Requirements



#### **CLIN A1 PRICING YEAR 1**

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.aa	Daily Availability	AV	(b) (4)	DAYS		
A1.ab	Flight Hours	FT		FLIGHT HOURS	(n)	
A1.ac	Additional Days – Availability	AV		DAYS		
A1.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012

\*Can be ordered-up in one day increments, in accordance with paragraph C27.

Contract 012PC00113 Rate Adjustment 2015 NSF – Fixed Wing

YEAR	2					
CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ba	Daily Availability	AV	(b) (4)	DAYS		
A1.bb	Flight Hours	FT		FLIGHT HOURS		(4)
A1.bc	Additional Days – Availability	AV		DAYS		/ \ • /
A1.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

YEAR	3					
CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ca	Daily Availability	AV	(b) (4)	DAYS		
A1.cb	Flight Hours	FT	<b>\ / \ - /</b>	FLIGHT HOURS		
A1.cc	Additional Days – Availability	AV		DAYS		
A1.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

YEAR	4				-	
CLINA	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.da	Daily Availability	AV	(b) (4)	DAYS		
A1.db	Flight Hours	FT		FLIGHT HOURS		) (4)
A1.dc	Additional Days – Availability	AV		DAYS		
A1.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.de	Demobilization from McMurdo Station	SC		LUMP SUM		

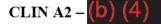
#### **OPTION YEAR 3 – ESTIMATED TOTAL 2015**

YEAR	5				I	
CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
CLIN	2015-2010 Fleid Season	CODE	QUANIIII	UNII	UNITIMEE	EXTENDED AMOUNT
A1.ea	Daily Availability	AV	(b) (4)	DAYS		
A1.eb	Flight Hours	FT		FLIGHT HOURS		(4)
A1.ec	Additional Days – Availability	AV		DAYS		╯╲╹╱
				LUMP		
A1.ed	Mobilization to McMurdo Station	SC		SUM		
41	Demobilization from McMurdo	60		LUMP		
A1.ee	Station	SC		SUM		

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A1

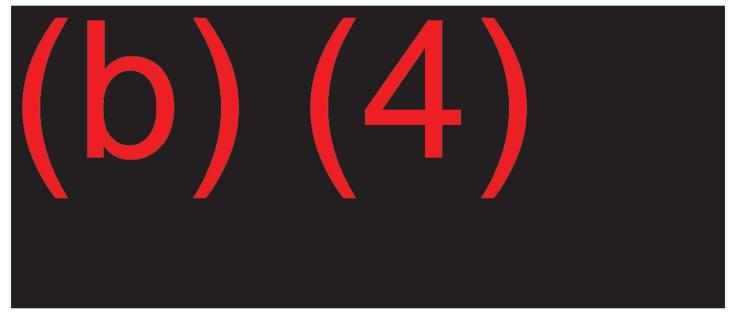
Contract 012PC00113 Rate Alfustment 2015 NSI – Fixed Wing



#### DESCRIPTION

Designated Base:All equipment, facilities, and personnel required under this contract shall be delivered<br/>to and removed from McMurdo Station, AntarcticaExclusive Use Period:(b) (4)Aircraft will be ordered each year between the<br/>dates of 15 Oct and 15 Feb the following year.Aircraft Requirement:(b) (4)equipped as specified in Section B.Crew Requirements:One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1)<br/>Mechanic.

#### Minimum Aircraft Requirements



#### CLIN A2 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.aa	Daily Availability	AV	(b) (4)	DAYS		
A2.ab	Flight Hours	FT		FLIGHT HOURS		) (4)
A2.ac	Additional Days – Availability	AV		DAYS		
A2.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012



CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ba	Daily Availability	AV	(b) (4)	DAYS		
A2.bb	Flight Hours	FT		FLIGHT HOURS		
A2.bc	Additional Days – Availability	AV		DAYS		
A2.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ca	Daily Availability	AV	(b) (4)	DAYS		
A2.cb	Flight Hours	FT	< <i>/ / /</i>	FLIGHT HOURS		(4)
A2.cc	Additional Days – Availability	AV		DAYS		
A2.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

## **OPTION YEAR 2 – ESTIMATED TOTAL 2014**

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.da	Daily Availability	AV	(b) (4)	DAYS		
A2.db	Flight Hours	FT		FLIGHT HOURS		) (4)
A2.dc	Additional Days – Availability	AV		DAYS		
A2.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.de	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 3 – ESTIMATED TOTAL 2015** 

Contract 012PC00113 Rate Alfustment 2015 NSI – Fixed Wing

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ea	Daily Availability	AV	(b) (4)	DAYS		
A2.eb	Flight Hours	FT		FLIGHT HOURS	(h)	
A2.ec	Additional Days – Availability	AV		DAYS		
A2.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 



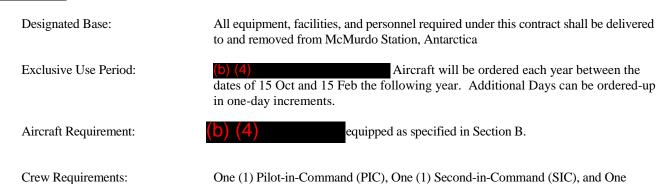
t

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A2



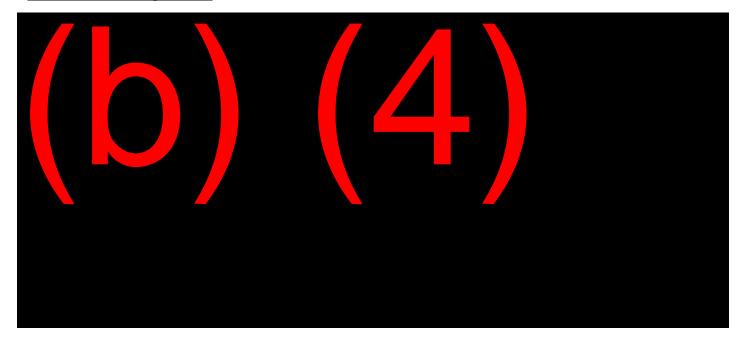
# CLIN A3 - (b)

#### **DESCRIPTION**



Mechanic.

**Minimum Aircraft Requirements** 



# CLIN A3 PRICING (b) (4)

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.aa	Daily Availability	AV	(b) (4)	DAYS		
A3.ab	Flight Hours	FT		FLIGHT HOURS		
A3.ac	Additional Days – Availability	AV		DAYS		
A3.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

**BASE YEAR - ESTIMATED TOTAL 2012** 



CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ba	Daily Availability	AV	(b) (4)	DAYS		
A3.bb	Flight Hours	FT	· / · /	FLIGHT HOURS		(4)
A3.bc	Additional Days - Availability	AV		DAYS		╯╲╹╱
A3.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.be	Demobilization from McMurdo Station	sc		LUMP SUM		
	-	O	PTION YEAR 1	– ESTIMAT	ED TOTAL 2013	
	DESCRIPTION	PAVITEM			-	

CLIN	DESCRIPTION *2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ca	Daily Availability	AV	(b) (4)	DAYS		
A3.cb	Flight Hours	FT		FLIGHT HOURS	(h)	
A3.cc	Additional Days - Availability	AV		DAYS		
A3.cd	Mobilization to McMurdo Station	SC		LUMP SUM		<b>~</b>
A3.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** PAY ITEM DESCRIPTION QUANTITY UNIT UNIT PRICE EXTENDED AMOUNT CODE 2014-2015 Field Season DAYS **Daily Availability** AV FLIGHT A3.db Flight Hours FT HOURS

			1100105		
A3.dc	Additional Days - Availability	AV	DAYS		
A3.dd	Mobilization to McMurdo Station	SC	LUMP SUM		
A3.de	Demobilization from McMurdo Station	SC	LUMP SUM		

	OPTION YEAR 3 – ESTIMATED TOTAL 2015							
CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
A3.ea	Daily Availability	AV	(b) (4)	DAYS				
A3.eb	Flight Hours	FT	(/(-/	FLIGHT HOURS				
A3.ec	Additional Days - Availability	AV		DAYS				
A3.ed	Mobilization to McMurdo Station	SC		LUMP SUM				
A3.ee	Demobilization from McMurdo Station	SC		LUMP SUM				

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 

# TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A3

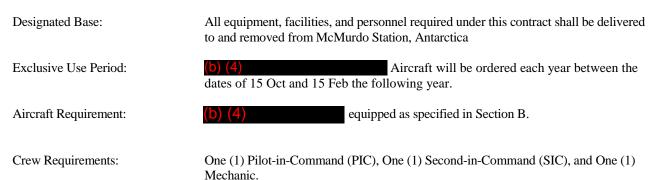


CLIN

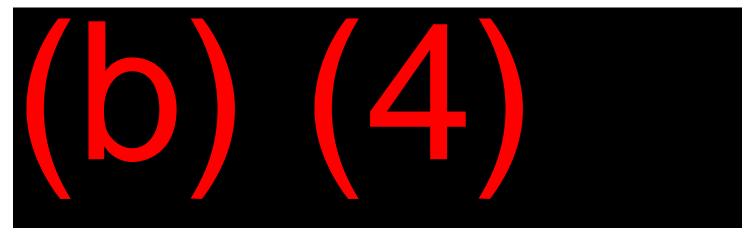
A3.da

# CLIN A4 - (b) (4)

## **DESCRIPTION**



## Minimum Aircraft Requirements



#### CLIN A4 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.aa	Daily Availability	AV	(b) (4)	DAYS		
A4.ab	Flight Hours	FT		FLIGHT HOURS		
A4.ac	Additional Days - Availability	AV		DAYS		
A4.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

**BASE YEAR – ESTIMATED TOTAL 2012** 



CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ba	Daily Availability	AV	(b) (4)	DAYS		
A4.bb	Flight Hours	FT		FLIGHT HOURS		(4)
A4.bc	Additional Days - Availability	AV		DAYS		
A4.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ca	Daily Availability	AV	(b) (4)	DAYS		
A4.cb	Flight Hours	FT		FLIGHT HOURS	(n)	
A4.cc	Additional Days - Availability	AV		DAYS		
A4.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.da	Daily Availability	AV	(b) (4)	DAYS		
A4.db	Flight Hours	FT		FLIGHT HOURS		
A4.dc	Additional Days - Availability	AV		DAYS		
A4.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.de	Demobilization from McMurdo Station	SC		LUMP SUM		

# **OPTION YEAR 3 – ESTIMATED TOTAL 2015**

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ea	Daily Availability	AV	(b) (4)	DAYS		
A4.eb	Flight Hours	FT	<b>\</b> / <b>\</b> -/	FLIGHT HOURS		(4)
A4.ec	Additional Days - Availability	AV		DAYS		
A4.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A4

CLIN A5 - () (4) SECTION A – REQUIREMENTS AND PRICING - "ON CALL"

## DESCRIPTION

All airplanes required by this contract line item are referred to as On Call aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

All equipment, facilities, and personnel required under this contract shall be delivered Designated Base: to and removed from McMurdo Station, Antarctica **Exclusive Use Period:** Aircraft may be ordered each year between the dates of 15 Oct and 15 Feb the following year.

Aircraft Requirement:

Crew Requirements:

(4)

equipped as specified in Section B.

One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

#### **Minimum Aircraft Requirements**





CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.aa	Daily Availability	AV	(b) (4)	DAYS		
A5.ab	Flight Hours	FT		FLIGHT HOURS		
A5.ac	Additional Days - Availability	AV		DAYS		
A5.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ba	Daily Availability	AV	(b) (4)	DAYS		
A5.bb	Flight Hours	FT	( / ( - /	FLIGHT HOURS		
A5.bc	Additional Days - Availability	AV		DAYS		
A5.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ca	Daily Availability	AV	(b) (4)	DAYS		
A5.cb	Flight Hours	FT	<b>\</b> / <b>\</b> -/	FLIGHT HOURS		
A5.cc	Additional Days - Availability	AV		DAYS		
A5.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.da	Daily Availability	AV	(b) (4)	DAYS		
A5.db	Flight Hours	FT	<b>\</b> / <b>\</b>	FLIGHT HOURS		
A5.dc	Additional Days - Availability	AV		DAYS		
A5.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.de	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 3 – ESTIMATED TOTAL 2015** 

Contract D12PC00113 Rate Alfystment 2015 NSF – Fixed Wing

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ea	Daily Availability	AV	(b) (4)	DAYS		
A5.eb	Flight Hours	FT	(~)(-)	FLIGHT HOURS		
A5.ec	Additional Days - Availability	AV		DAYS		
A5.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ee	Demobilization from McMurdo Station	SC		LUMP SUM		
		C	OPTION YEAR 4	– ESTIMAT	ED TOTAL 2016	

Contract 012PC00113 Rate Alfustment 2015 NSI – Fixed Wing

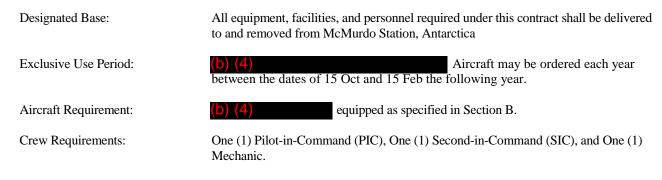
CLIN A6 - (b) (4)

SECTION A – REQUIREMENTS AND PRICING - "ON CALL"

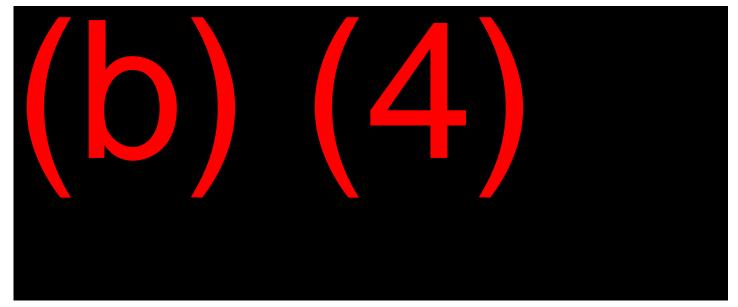
### **DESCRIPTION**

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.



#### **Minimum Aircraft Requirements**





CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.aa	Daily Availability	AV	(b) (4)	DAYS		
A6.ab	Flight Hours	FT	· / · /	FLIGHT HOURS		
A6.ac	Additional Days - Availability	AV		DAYS		
A6.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ba	Daily Availability	AV	(b) (4)	DAYS		
A6.bb	Flight Hours	FT	( / ( - /	FLIGHT HOURS		
A6.bc	Additional Days - Availability	AV		DAYS		
A6.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.be	Demobilization from McMurdo Station	SC		LUMP SUM		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ca	Daily Availability	AV	(b) (4)	DAYS		
A6.cb	Flight Hours	FT		FLIGHT HOURS	(h)	
A6.cc	Additional Days - Availability	AV		DAYS		
A6.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

### **OPTION YEAR 2 – ESTIMATED TOTAL 2014**

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.da	Daily Availability	AV	(b) (4)	DAYS		
A6.db	Flight Hours	FT	(~) ( .)	FLIGHT HOURS	( h)	
A6.dc	Additional Days - Availability	AV		DAYS		
A6.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 - ESTIMATED TOTAL 2015



CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ea	Daily Availability	AV	(b) (4)	DAYS		
A6.eb	Flight Hours	FT		FLIGHT HOURS		
A6.ec	Additional Days - Availability	AV		DAYS		
A6.ed	Mobilization to McMurdo Station	SC	-	LUMP SUM		
A6.ee	Demobilization from McMurdo Station	SC		LUMP SUM		
			OPTION YEAR	4 – ESTIMA	TED TOTAL 2016	

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C6

18

# CLIN A7 - (b) (4) "ON CALL" – Mutual Agreement

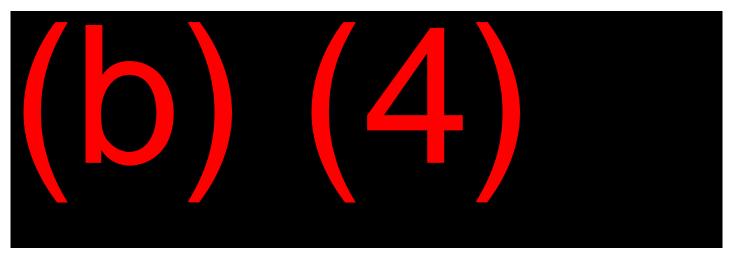
### DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft. The Contractor may accept orders for service when orders have been issued for services. Acceptance of orders placed shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein. The Government and Contractor agree that (b) (4) being used under other contracts in the Antarctic may be utilized as available under this contract and the rates for aircraft ordered under these situations shall be negotiated at the time of order.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

Designated Base:	All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
Exclusive Use Period:	(b) (4) beginning on or about 15 October each year and ending on or about 12 Feb the following year.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

#### Minimum Aircraft Requirements



CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.aa	Daily Availability	AV	(b) (4)	DAYS		
A7.ab	Flight Hours	FT		FLIGHT HOURS		
A7.ac	Additional Days - Availability	AV		DAYS		
A7.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.af	Daily Availability	AV		DAYS		
A7.ag	Daily Availability	AV		DAYS		
			BASE YE	AR – ESTIMA	TED TOTAL 2012	

			BASE YE	AR – ESTIMA	TED TOTAL 2012	
CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ba	Daily Availability	AV	(b) (4)	DAYS	(h)	
A7.bb	Flight Hours	FT		FLIGHT HOURS	$\left( \nu \right)$	/ (4/
A7.bc	Additional Days - Availability	AV		DAYS		
A7.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.be	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.bf	Daily Availability $(b)$ (4)	AV		DAYS		
A7.bg	Daily Availability	AV		DAYS		

**OPTION YEAR 1 – ESTIMATED TOTAL 2013** 

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ca	Daily Availability	AV	(b) (4)	DAYS		
A7.cb	Flight Hours	FT		FLIGHT HOURS	( h)	
A7.cc	Additional Days - Availability	AV		DAYS		
A7.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.cf	Daily Availability (b) (4)	AV		DAYS		
A7.cg	Daily Availability	AV		DAYS		

**OPTION YEAR 2 – ESTIMATED TOTAL 2014** 

	SECIIO		ZOINEME		IMCING	
CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.da	Daily Availability	AV	(b) (4)	DAYS		
A7.db	Flight Hours	FT		FLIGHT HOURS		
A7.dc	Additional Days - Availability	AV		DAYS		′ ∖ ╹ /
A7.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.de	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.df	Daily Availability (b) (4)	AV		DAYS		
A7.dg	Daily Availability	AV		DAYS		
			OPTION YEA	R 3 – ESTIMA	ATED TOTAL 2015	
CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ea	Daily Availability	AV	(b) (4)	DAYS		
A7.eb	Flight Hours	FT		FLIGHT HOURS		
A7.ec	Additional Days - Availability	AV		DAYS		
A7.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ee	Demobilization from McMurdo	SC		LUMP		

SUM

DAYS

DAYS

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A7

**OPTION YEAR 4 – ESTIMATED TOTAL 2016** 

SC

AV

AV

A7.ee

A7.ef

A7.eg

Station

Daily Availability

Daily Availability

b

### SCHEDULE A - CONTRACT LINE ITEM NUMBERS (CLINs 8-15)

Additional Personnel – Fixed rate for additional personnel. The Government may require the Contractor to deploy cargo handlers, flight crews, mechanics, and apprentice mechanics to supplement operational capabilities, or some other purpose. The Contracting Officer may order additional work in a minimum quantity of one (1) individual for one (1) day at <u>anytime</u> during the term of this contract by giving written notice to the contractor at least ten (10) days prior to the date the additional work is required. The Contracting Officer may make multiple orders. The Government will provide air transportation between the Contractor's home base or other location, and Antarctica. The Government will reimburse the Contractor at cost for lodging and per diem expenses while in transit. This shall be a unilateral action on the part of the Government.

ADDITIONAL FLIGHT CREW (b) (4)

(2 person crews PIC/SIC)

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A8.aa	2011 Additional (b) (4) Flight Crew	P01	(b) (4)	DAYS		
A8.ab	2012 Additional Flight Crew	P01		DAYS		) (4)
A8.ac	2013 Additional Flight Crew	P01		DAYS		′ 🔪 • 🖊
A8.ad	2014 Additional Flight Crew	P01		DAYS		
A8.ae	2015 Additional Flight Crew	P01		DAYS		
	ADDITIONAL FLIGH	IT CREWS(b)	(4)	ESTIMATED	TOTAL 5 YEARS	
ADDIT	IONAL FLIGHT CREW (b) (4)			2 person cre	ew PIC/SIC)	
		PAY ITEM CODE	QUANTITY		UNIT PRICE	EXTENDED AMOUNT
CLIN A9.aa	DESCRIPTION (9/01-8/31) 2011 Additional Flight Crew	P01	(b) (4)	DAYS		
A9.ab	2012 Additional Flight Crew	P01		DAYS		(4)
A9.ac	2013 Additional Flight Crew	P01		DAYS		′ 🔪 " /
A9.ad	2014 Additional Flight Crew	P01		DAYS		
A9.ae	2015 Additional Flight Crew	P01		DAYS		
	ADDITIONAL FLIGHT	CREWS <mark>(b)</mark> (4	4)	- ESTIMATED	TOTAL 5 YEARS	
ADDIT	IONAL MECHANIC					
CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A10.aa	2011 Mechanic	МС	(b) (4)	DAYS		
A10.ab	2012 Mechanic	МС	() (-)	DAYS		
A10.ac	2013 Mechanic	МС		DAYS		

Contract D12PC00113 Rate Adjustment 2015

NSF - Fixed Wing

A10.ad

A10.ae

2014 Mechanic

2015 Mechanic

MC

MC

DAYS

DAYS

MECHANICS – ESTIMATED TOTAL 5 YEARS

#### APPRENTICE MECHANIC

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT	
A11.aa	2011 Apprentice Mechanic	МС	(b) (4)	DAYS			
A11.ab	2012 Apprentice Mechanic	МС		DAYS			
A11.ac	2013 Apprentice Mechanic	МС		DAYS			
A11.ad	2014 Apprentice Mechanic	МС		DAYS		<b>- -</b>	
A11.ae	2015 Apprentice Mechanic	МС		DAYS			

APPRENTICE MECHANICS – ESTIMATED TOTAL 5 YEARS

### CARGO HANDLER

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A12.aa	2011 Cargo Handler	P50	(b) (4)	DAYS		
A12.ab	2012 Cargo Handler	P50		DAYS		
A12.ac	2013 Cargo Handler	P50		DAYS		
A12.ad	2014 Cargo Handler	P50		DAYS		
A12.ae	2015 Cargo Handler	P50		DAYS		

CARGO HANDLERS – ESTIMATED TOTAL 5 YEARS

**Shop Rates for Aircraft in Maintenance** - The following rates shall be used for shop time when the Government requires modifications to the airframe and the contractor is required to ground the aircraft from flight to work on the modification to the aircraft. These rates will be used for all quotes for work to be completed on the aircraft during the performance of the contract.

### SHOP RATE FOR (b) (4)

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT	
A13.aa	2011 Shop Rates $(b)$ (4)	TBD	(b) (4)	DAYS			
A13.ab	2012 Shop Rates	TBD		DAYS		(4)	
A13.ac	2013 Shop Rates	TBD		DAYS			
A13.ad	2014 Shop Rates	TBD		DAYS			
A13.ae	2015 Shop Rates	TBD		DAYS			
	SHOP RATE, (b) (4) – ESTIMATED TOTAL 5 YEARS						

### shop rate for (b) (4)

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A14.aa	2011 Shop Rates $(b)$ $(4)$	TBD	(b) (4)	DAYS		
A14.ab	2012 Shop Rates	TBD		DAYS		
A14.ac	2013 Shop Rates	TBD		DAYS		
A14.ad	2014 Shop Rates	TBD		DAYS		
A14.ae	2015 Shop Rates	TBD		DAYS		_
SHOP RATE, (b) (4) – ESTIMATED TOTAL 5 YEARS						

### **SCHEDULE A - ARCTIC POLAR REGIONS**

CLIN 15- (b) (4) – Arctic and Polar Regions

#### **DESCRIPTION**

All airplanes required by this contract line item are referred to as On Call aircraft with no guaranteed use. The Contractor must accept orders for service when orders have been issued at least seven (7) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein.

For work performed in the Arctic, the delivery point will be specified on each order and is generally anticipated to be the Contractor's home base. All costs necessary to move the items to the delivery point, and prepare them for shipment are the Contractor's responsibility. The Contractor is responsible for redeploying all aircraft and other items required for contract performance to its home base or other location. Costs necessary to prepare the items for shipment, and return them to the Contractor's home base are the Contractor's responsibility. For work performed in the Arctic, aircraft will be released from service at the location specified on each order, generally expected to be the Contractor's home base. The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

Days of unavailability will be counted towards the guaranteed days of availability under this CLIN. In addition, failure of the Contractor to provide an aircraft under this CLIN for the Arctic work when ordered in accordance with the above timelines, will result in loss of guaranteed availability for the period of work that was ordered.

Designated Base:	Determined by each order
Exclusive Use Period:	Off season of Antarctic Aircraft. The Contractor may use Antarctic aircraft to support this Item.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

### **Minimum Aircraft Requirements**



### Section A--Requirements and Prices

					1			
CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
15.aa	Daily Availability	AV	(b) (4)	DAYS	(h)	<b>/                                    </b>		
15.ab	Flight Hours	FT	(~)(`)	FLIGHT HOURS	(n) (,	+/		
CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
15.ba	Daily Availability	AV	(b) (4)	DAYS	(h)	$(\Lambda)$		
15.bb	Flight Hours	FT		FLIGHT HOURS				
CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
15.ca	Daily Availability	AV	(b) (4)	DAYS	(h)	(A)		
15.cb	Flight Hours	FT		FLIGHT HOURS	$(\mathbf{D})$			
		0	PTION YEAR 2	- ESTIMAT	ED TOTAL 2014			
CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
15.da	Daily Availability	AV	(b) (4)	DAYS	(h) (	<b>/</b> \		
15.db	Flight Hours	FT		FLIGHT HOURS		<del>+</del> )		
		0	PTION YEAR 3	- ESTIMAT	ED TOTAL 2015			
CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT		
15.ea	Daily Availability	AV	(b) (4)	DAYS	(h)	4)		
15.eb	Flight Hours	FT	(~)(`)	FLIGHT HOURS				
OPTION YEAR 4 – ESTIMATED TOTAL 2016								
	TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN 15							

### CLIN 16-(b) (4)

- Arctic and Polar Regions

#### **DESCRIPTION**

All airplanes required by this contract line item are referred to as *On Call* aircraft *with no guaranteed use*. The Contractor must accept orders for service when orders have been issued at least seven (7) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein.

For work performed in the Arctic, the delivery point will be specified on each order and is generally anticipated to be the Contractor's home base. All costs necessary to move the items to the delivery point, and prepare them for shipment are the Contractor's responsibility. The Contractor is responsible for redeploying all aircraft and other items required for contract performance to its home base or other location. Costs necessary to prepare the items for shipment, and return them to the Contractor's home base are the Contractor's responsibility. For work performed in the Arctic, aircraft will be released from service at the location specified on each order, generally expected to be the Contractor's home base. The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

Days of unavailability will be counted towards the guaranteed days of availability under this CLIN. In addition, failure of the Contractor to provide an aircraft under this CLIN for the Arctic work when ordered in accordance with the above timelines, will result in loss of guaranteed availability for the period of work that was ordered.

#### **DESCRIPTION**

Designated Base:	Determined by each order
Exclusive Use Period:	Off season of Antarctic Aircraft. The Contractor may use Antarctic aircraft to support this Item.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

#### **Minimum Aircraft Requirements**



Contract D12PC00113 Rate Adjustment 2015 NSF – Fixed Wing

### CLIN A16 PRICING

CLIN	DESCRIPTION 2013-2014 Arctic Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A16.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A16.bb	Flight Hours	FT		FLIGHT HOURS		
		O	PTION YEAR 2 -	- ESTIMAT	ED TOTAL 2014	
CLIN	DESCRIPTION 2014-2015 Arctic Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A16.ca	Daily Availability	AV	(b) (4)	DAYS	(h)	(4)
A16.cb	Flight Hours	FT		FLIGHT HOURS		
		O	PTION YEAR 3	- ESTIMAT	ED TOTAL 2015	
CLIN	DESCRIPTION 2015-2016 Arctic Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A16.da	Daily Availability	AV	(b) (4)	DAYS	(h)	(4)
A16.db	Flight Hours	FT		FLIGHT HOURS	$\langle \sim \rangle$	
		O	PTION YEAR 4	- ESTIMAT	ED TOTAL 2016	
TOTAL ESTIMATED PRICE FOR THREE (3) YEARS CLIN A16 (b) (4)						
TOTAL ESTIMATED VALUE OF THE CLINS A1-16						

Contract D12PC00113 Rate Adjustment 2015 NSF – Fixed Wing

### A2 CONTRACTOR'S OPERATING BASES / DELIVERY POINTS

All aircraft required for CLINs 1-7 shall be delivered to the Government in accordance with the provisions in Section B of this contract. The delivery point and release point shall be McMurdo Station, Antarctica, unless otherwise specified by the Contracting Officer.

Replacement parts, materials and other consumables destined for McMurdo Station and other locations in Antarctica, not carried onboard the Contractor's aircraft, will be transported by the Government via the USAP's logistics system from Point Hueneme, CA. All costs necessary to prepare and move these items to Point Hueneme are the Contractor's responsibility. The Government will transport items not carried on-board the Contractor's aircraft that are redeployed from Antarctica to the Contractor home base via the USAP's logistics system to Point Hueneme. All costs necessary to prepare and move these items from Point Hueneme are the Contractor's responsibility. Transportation will be provided by either air or surface vessel.

## **B1 GENERAL REQUIREMENTS**

### **B1.1** Scope of Contract

#### B1.1.1 Intent

The intent of this contract is to obtain flight services utilizing fully-functional aircraft equipped to meet specifications, operated and maintained by qualified personnel, for the National Science Foundation (NSF) in support of the research activities of the United States Antarctic Program (USAP), and NSF's Arctic Program. The primary role for the aircraft in both theaters of operation will be for utility transportation services, ferrying personnel and materials to remote, often unprepared, field locations. Periodically, at least one of the aircraft will be configured with a downward-looking port, wing hard-points and in-wing cable raceways to allow the aircraft to be used for remote sensing activities to include aerogeophysical surveys, aerial photography, light detection and ranging (LIDAR) and remote digital mapping, and the operation of ice-penetrating radar systems. The Contractor will be required to modify contract aircraft to meet the needs of the program. Modifications will be requested at various levels from simple modifications to major modifications.

#### B1.1.1.1 United States Antarctic Program

NSF is the executive agency for the USAP. The USAP is this nation's national program of scientific research in Antarctica, and includes the activities of NSF and other U.S. Government agencies, including NASA and NOAA. As the executive agent for the USAP, NSF also has cooperative agreements with other foreign nations and will dispatch aircraft under this contract for cooperative use. The type of services required to be performed include, but are not limited to, transportation of personnel and cargo in support of the scientific projects, related administrative and infrastructural activities, and Search and Rescue (SAR), as directed by the NSF.

#### B1.1.1.2 National Science Foundation's Arctic Program

NSF is one of many U.S. Government agencies conducting scientific research in the Arctic regions. NSF-sponsored researchers have conducted research activities in Alaska, Canada, Greenland, Russia, and within Scandinavia, often in cooperation with institutions and researchers located in the aforementioned countries and regions. The types of services required include, but are not limited to, transportation of personnel and cargo in support of the scientific projects, related administrative and infrastructural activities, and search and rescue (SAR), as directed by the NSF. The Interagency Arctic Research Policy Committee, which NSF chairs, coordinates U.S. Government Arctic research activities. To fulfill agency obligations to provide logistic and operational support to projects sponsored by the US Government, foreign governments, and other parties, NSF may dispatch aircraft under this contract for cooperative use.

#### B1.1.2 Antarctic Aircraft Deployment

Deployment to and from Antarctica shall be conducted on an annual basis. Aircraft are flown from the Contractor's home base or other locations, through South America, and delivered to McMurdo Station, Antarctica. Aircraft redeploy from McMurdo Station, Antarctica during the first or second week of February at the end of the austral summer season.

During mobilization to McMurdo Station, the aircraft normally fly to Rothera Research Station (located at Rothera Point on Adelaide Island [67°34'S, 68°08W]), a permanent station operated by the British Antarctic Survey (BAS) under the auspices of the United Kingdom.

Rothera Station is the BAS logistics center for the Antarctic Peninsula. The station is situated on a rock and raised beach promontory at the southern extremity of Wormald Ice Piedmont, southeastern Adelaide Island. The station has a 900-meter crushed rock runway, an associated hangar and bulk fuel storage facility, and a wharf for the discharge of cargo from supply ships. There is a transitory summer population of scientists and support staff who reach Rothera either by ship or through use of an intercontinental Dash-7 aircraft flying from the Falkland Islands. Fuel, lodging, flight-following and other in-transit support is provided by BAS through an agreement with NSF at no cost to the Contractor.

From Rothera Station, the aircraft fly directly to McMurdo Station at Ross Island, Antarctica. A refueling stop is normally provided in West Antarctica (at field camp(s)), or the USAP's South Pole Station, from which the aircraft can refuel either from bulk storage containers or drums. Aircraft redeployment is accomplished in reverse order.

All coordination (including country clearances and fuel) for deployment to and redeployment from McMurdo Station, Antarctica, is the responsibility of the contractor. Contractor must submit Deployment and ReDeployment Schedules for each season (including anticipated dates of flights in and out of Rothera) to NSF **no later than September 1** each year. Upon request, the NSF will assist with international support coordination of redeployment and deployment through the continent of Antarctica.

#### B1.1.3 Support Sites

#### B1.1.3.1 Antarctic Sites

Typically, research project personnel camp at or close to their work sites. The required aircraft support for these "camp" projects will involve establishment of a campsite from McMurdo, may involve several camp moves over a period of weeks or months, full or half days of close support, moving rapidly between ground sampling sites, resupply from McMurdo and the de-establishment of the campsite. Some large projects will split their activities between the field locations and McMurdo, where there is a fully-capable scientific laboratory (Crary Lab). These camp projects will require frequent, dependable shuttles of personnel, camp supplies, and research samples between the field and the laboratory or inland stations.

The majority of the work in the field is in the following Antarctic locations: Trans-Antarctic Mountains, Western Antarctica Ice Sheet (WAIS) and glaciers, South Pole Station, the Antarctic Eastern Plateau and various deep field camps. Therefore, it is anticipated that frequently the aircraft and crew will stay overnight at locations other than McMurdo to minimize travel time to and from the work sites. Accommodation at these sites will vary between small tents to semi-permanent structures. Cook and galley facilities may be available. The contractor may have to be self-sufficient at some field locations, i.e., "camping" in austere conditions should be anticipated. Occasionally, high altitude sites must be accessed; some of these sites can experience effective pressure altitudes exceeding 14,000 feet EPA. Hence, contractor should be prepared to acclimatize for several days at lesser EPA camps/stations before proceeding to the higher EPA sites.

The terrain will vary from Ross Island (where McMurdo Station is located), which is dominated by the active 13,000-foot volcano, Mount Erebus, to fast-moving sea-ice in McMurdo Sound, to mountainous terrain of the mostly-glaciated Trans-Antarctic Mountains, the relatively-featureless Ross Ice Shelf to the southeast, and to the Polar Ice Cap, where landing elevations can reach over 11,000 feet MSL and 14,000 feet EPA (e.g., Vostok Station).

#### B1.1.3.2 Arctic Sites

Each year the Office of Polar Programs (OPP) supports approximately 150 projects throughout the Arctic. About half the projects are in Alaska, but the remainder is spread throughout the Arctic, including the Arctic Ocean. Light Utility aircraft are used occasionally in Alaska, but more often in Nunavut, Canada, with springtime operations in the Arctic Ocean and in Greenland. The most concentrated effort, normally supported by Light Utility aircraft, is in support of ocean sampling sites in a broad region between the Canadian Forces Station Alert and the North Pole. This work occurs for several weeks between March and May of each year and involves transport of science teams and their equipment between sea-ice field sites. In Greenland, the work occurs throughout the year but mostly between May and August, and involves ferrying field teams to and around the Greenland Ice Cap.

#### B1.1.4 Aircraft Scheduling

### B1.1.4.1 Antarctica

Aircraft scheduling will occur in McMurdo Station on a weekly and daily basis. The NSF's Prime Logistics Contractor coordinates the various research parties' requirements and writes the aircrafts' daily schedules. Unless otherwise directed by the Government, the Contractor shall execute the schedules provided by the Prime Contractor. Should there be any disagreement regarding the schedules provided, the matter shall be referred to the NSF Representative ("NSF Rep") in McMurdo Station for resolution.

#### B1.1.4.2 Arctic Polar Regions

Aircraft may be scheduled in locally, from an off-site location, or as otherwise directed by NSF on a weekly and daily basis. The NSF has contracted with an Arctic Prime Logistics Contractor, to coordinate the various parties' requirements and prepare aircraft schedules. Services ordered under this contract must be ordered via Task Order to this contract. Services

ordered directly by the Arctic Prime Logistics Contractor are not ordered under and will not be paid through this contract. However, should an order be placed under this contract to support Arctic operations, the Arctic Prime Logistics Contractor may be involved with the coordination and scheduling of aircraft operations. Should there be any disagreement regarding the schedules provided, the matter shall be referred to the appropriate Government personnel for resolution.

B1.1.5 Cargo Preparation

#### B1.1.5.1 Antarctica

The NSF has contracted with its Prime Logistics Contractor to prepare large and/or heavy cargo for transport on the contract aircraft. However, the fixed-wing aviation contractor is expected to load light cargo. In some cases, no trained personnel will be available at remote locations to prepare cargo. In these instances, the aviation contractor will provide direction to personnel at that location, who will prepare the cargo accordingly.

### B1.1.5.2 Arctic Polar Regions

The Contractor will provide direction to personnel on location who will prepare the cargo accordingly.

### **B1.2** Certification

### B1.2.1 Responsibility of the Contractor

The Contractor is responsible for and shall comply with all laws and regulations, and otherwise have or obtain all needed licenses, permits, and certifications, including, but not limited to, those necessary for the carriage of persons or property for hire within the United States, Canada, and Greenland. Likewise, the Contractor is also responsible for obtaining all country clearances necessary to deploy its airplanes to Antarctica.

B1.2.2 Minimum Certification Requirement

The Contractor must maintain certification for the carriage of persons and property for hire by the United States or other foreign country for the duration of this contract. For the purpose of describing certification under this contract, the United States Department of Transportation, Federal Aviation Administration (FAA), and its 14 CFR regulations shall be used as a baseline for all determinations. In the event that the contractor is certified by another country's commercial aviation regulations, the contractor shall prove to the Contracting Officer's (CO's) satisfaction that the intent of the Federal Aviation Regulations has been met. (For the purpose of this section only, the acronym "FAR" means Federal Aviation Regulation -- 14 CFR. All other references to "FAR" shall mean Federal Acquisition Regulation -- 48 CFR Chapter 1). Where a higher standard exists in the contractor's country's aviation regulations or is required by certification by that country, the Contractor shall comply with the higher standard unless authorized in writing by the CO.

#### NOTE

All references to 14 CFR or to the Federal Aviation Administration (FAA) shall be construed to mean: "or foreign equivalency. "

### B1.2.3 Operating Certificate(s)

The Contractor shall hold a current FAA Air Carrier Certificate. Furthermore, the Contractor's Operations Specifications shall authorize operation of the category and class of aircraft, the number of passengers or carriage of cargo offered, and conditions of flight required under this contract, which include conduct of flight operations under both visual flight rules (day and night) and instrument flight rules.

#### B1.2.4 Aircraft

Aircraft used on this contract will be operated and maintained under the provisions of 14 CFR Part 135 or 121 as appropriate. These aircraft shall be identified as required by 14 CFR Part 121.135(7) or Part 135.63 or Operations Specifications Part D, "Aircraft Listing," as appropriate. The aircraft offered for this contract shall have a Standard Airworthiness Certificate.

#### NOTE

The installation of any equipment required by this contract must be FAA approved.

Contract D12PC00113 Rate Adjustment 2015 NSF – Fixed Wing

#### B1.2.5 Passenger Carriage

Aircraft shall be fully equipped to carry the number of passengers offered in accordance with the standards of 14 CFR Part 121 or 135, as appropriate.

### **B2 OPERATIONS**

### **B2.1 Flight Operations**

Notwithstanding any public aircraft status, the Contractor shall operate in accordance with their approved FAA Operating Specifications and all portions of 14 CFR 91 (including those portions applicable to civil aircraft) and each certification. Some exceptions are specified below:

B2.1.1 In Antarctica, transportation of hazardous materials or dangerous goods shall be performed in accordance with the company's air operator certificate. It is the aviation contractor's responsibility to ensure that each employee that may transport hazardous materials attends their FAA-approved hazardous materials program certification training.

B2.1.2 The long-range fuel tanks used for deployment, redeployment, and extended flights take from are exempted from certification requirements of 14 CFR.

B2.1.3 Low-level flight (below 500 feet AGL) may be required, 14 CFR 135.203 notwithstanding. The minimum safe altitude requirements of 14 CFR 91.119 will be adhered to at all times.

#### NOTE

Fly-by's are strictly prohibited under this contract.

B2.1.4 On all missions, the aircraft shall have a two-pilot crew consisting of a pilot-in-command (PIC or Captain) and a second-in-command (SIC or First Officer).

B2.1.4.1 On all missions, prior to flight, the contractor shall designate in writing one PIC as the aircraft's Mission Commander.

B2.1.4.2 Both pilots shall be at their designated flight positions during all takeoffs, landings, instrument flight rules (IFR), low-level (below 500'), and any inherently-risky evolutions.

#### **B2.2 PIC** Authority and Responsibilities

B2.2.1 The PIC is responsible for the safe operation of the aircraft and the safety of its occupants and cargo. The PIC shall comply with the directions of the Government, except, when in his judgment, such compliance will be a violation of applicable Federal or State regulations or contracting provisions. The PIC shall refuse any flight or landing which the pilot considers hazardous or unsafe. The Contractor's on-site Station Supervisor shall report such refusal to the NSF Rep or the AMD on-site project inspector if the NSF Rep is unavailable..

B2.2.2 The PIC shall not permit any passenger to ride in the aircraft or any cargo to be loaded therein unless authorized by the CO or his authorized representative(s).

#### NOTE

No passengers shall be permitted to ride in the cockpit area of the aircraft.

B2.2.3 The PIC is responsible for computing the weight and balance for all flights and for assuring that the gross weight and center of gravity do not exceed the aircraft manufacturer's limitations.

B2.2.4 Before each takeoff, the PIC must ensure that all passengers have been briefed in accordance with 14 CFR 135. Briefings for short flights do not need to be repeated unless new passengers come aboard. The briefing must describe the location/use of the following:

- a. Emergency locator transmitter
- b. First aid/survival kits
- c. Personal protective equipment to include survival bags, suits, life vests and rafts for over-water evolutions
- d. Emergency Exits
- e. Fire extinguishers

B2.2.5 Pilots assigned to primary duty as pilot may function as a mechanic when the aircraft is not available due to maintenance provided the following requirements are met:

B2.2.5.1 The pilot holds a valid FAA mechanic certificate with airframe or power plant ratings as appropriate and meets the currency requirements of 14 CFR 65.83.

B2.2.5.2 The pilot's duty limitations shall apply when the pilot is functioning as a mechanic.

B2.2.5.3 The pilot shall not accomplish <u>scheduled</u> maintenance and inspections, other than daily inspections.

B2.2.6 The PIC is responsible for ensuring that any aircraft functional discrepancy is promptly reported and corrected, and that the aircraft is inspected and maintained in accordance with the contractor's operating certificate.

B2.2.7 The contractor may substitute aircraft or personnel during performance of the contract provided each substitution is inspected and accepted in accordance with paragraph C3. Substitutions shall be requested from the NSF or its designated representative 7days in advance.

B2.2.8 Day, night and IFR flights may be required by this contract.

#### **B2.3** Personal Protective Equipment

The following items will be furnished by the contractor, and inspected for condition at the start of the contract.

B2.3.1 P shall at all times, have available for use, the items identified at Exhibit 1 unless otherwise directed by the Government. Contractor personnel shall wear the items identified in Exhibit 1 as conditions warrant and shall ensure that they are adequately dressed for the current conditions.

B2.3.2 Overwater flights and extended overwater flights shall comply with 14 CFR 135.167. The contractor shall furnish the equipment required by 14 CFR 135.167.

B2.3.2.1 For overwater flights the contractor shall furnish six (6) "Fitz Wright" dry flight survival suits, or equal, for use by the Government (not including the contractor's PIC/SIC requirement). Sizes shall be one small, one medium, three extra large, and one XXXL (U.S. sizes).

B2.3.2.2 Life preservers, required for overwater flights, must meet TSO C13d or equivalent, with approved water-activated lights. The life preservers shall be readily available and accessible to each occupant in the aircraft.

B2.3.2.3 For flights over water the contractor shall furnish a life raft(s) rated for the total number of occupants (not overloaded). The raft(s) shall meet TSO C-70 Type II standards and shall provide a full canopy system. The raft(s) location shall be readily accessible for deployment from the main cabin door.

### **B3 PERSONNEL REQUIREMENTS**

[New sub-topics to incorporate:

- TRAINING: FSTP training, required within 6 weeks of arrival. Done below
- TRAINING: Try to pair non-completed FSTP-trained crew member with a crew member that has
- MEDICAL: Flight surgeon remove from duty/return to duty requirement see below
- DUTY: Crew expectations re: general labor] Done below

Contract D12PC00113 Rate Adjustment 2015 NSF – Fixed Wing

#### **B3.1** Pilot Requirements

B3.1.1 All pilots shall have at least an FAA Commercial Pilot Certificate with instrument rating and appropriate category and class ratings.

B3.1.2 All pilots shall hold at least a current Second-Class Medical Certificate issued under provisions of 14 CFR 67.

B3.1.3 PICs shall provide evidence of satisfactorily passing an FAA Competency (14 CFR 135.293) and Instrument Proficiency Check (14 CFR 135.297) in the make and model offered for this contract. This flight check must be valid for the contract Exclusive Use period.

B3.1.4 All pilot flying hours shall be verified from a certified pilot log. Further verification of flying hours may be required at the discretion of the CO.

B3.1.5 Each PIC shall, at the discretion of the Contracting Officer's Technical Representative (COTR), pass a Department of Interior (DOI) Agency Flight Evaluation in make and model of aircraft to be flown on this contract. The flight evaluation will be in an aircraft supplied by the Contractor, at no expense to the Government. The satisfactory completion of the evaluation flight will not substitute for any of the total flight hour requirements listed in this contract.

B3.1.5.1 Services provided under this contract require DOI Special Use Flight Activities as identified below. Pilots must have satisfactorily completed an agency Initial and/or Periodic Flight Evaluation(s) for these activities before being approved for use under the contract, unless otherwise indicated in the contract. The COTR will provide detailed information concerning the types and frequency of special use pilot flight evaluations when requested.

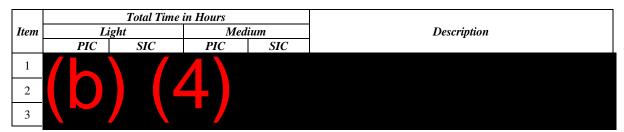
- Low-level Flight (within 500' of the surface)
- Off Airport Landings
- Ski Operations

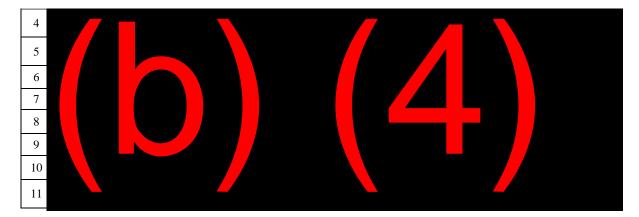
B3.1.6 PICs shall display evidence of experience in using all equipment specifically identified in Section C for performance of contract work (HF radio, global positioning system [GPS], AFF, etc.). This includes programming of the GPS to get equipment-compatible GPS data output to the DB-9 data port. Pilots may be required to demonstrate proficiency during the agency evaluation flight. Pilots may use an abbreviated checklist in the performance of this evaluation.

B3.1.6.1 Pilots shall demonstrate their ability to perform the following functions with the required GPS, and other equipment outlined in the avionics section. The pilot may use only an abbreviated checklist in the performance of this evaluation.

B3.1.6.1.1 Determine the geographic coordinates of a destination identified on a sectional aeronautical chart.

- B3.1.6.1.2 Install destination coordinates.
- B3.1.6.1.3 Acquire distance/bearing information to a destination.
- B3.1.6.1.4 Record as a waypoint, coordinates of various locations while en route to a primary destination.
- B3.1.6.1.5 Navigate from a present position to a selected recorded waypoint or between two recorded waypoints.
- B3.1.6.1.6 Operate the GPS unit in a transect type (offset) program if required.
- B3.1.7 PICs and SICs shall have logged minimum flying time as follows:





B3.1.8 The Contractor shall submit for approval an experience resume for each pilot offered on the contract. The resume shall include names and addresses of past employers, substantiation of related type and typical terrain flying, and must show any and all accidents involving aircraft. The information shall be submitted on form AMD-64A, with supplements if requested (See Section C3.2.1, C11.1 and Section C Exhibits), "Airplane Pilot Qualifications and Approval" no later than **August 15 each year**.

B3.1.9 Pilot's shall perform general labor during the performance of this contract; however, the extent of the general labor shall be at the discretion of the contractor.

### **B3.2** Flight Crew Members Flight and Duty Limitations

### B3.2.1 Flight Limitations

Flight crews shall not exceed the following flight time and crew duty limitations except as permitted by 14 CFR 135.267.

B3.2.1.1 During routine missions, a maximum of ten (10) hours flight time per duty period for two-pilot crews (PIC and SIC). For extended flights, Contractor shall comply with their Air Carrier Certificate and Civil Aviation Authority.

B3.2.1.2 At no time will a pilot exceed the maximum of 50 hours flight time during any consecutive six-day period. At the end of the rest period, a new six-day cycle will begin.

B3.2.1.3 Pilot flight time computations will be in accordance with 14 CFR Part 1.1: Pilot time commences when an aircraft moves under its own power for the purposes of flight and ends when the aircraft comes to rest after landing.B3.2.1.4 All flight time, regardless of how or where performed (except for personal pleasure flying), will be recorded in the aircraft log and monitored by both the Contractor's Chief Pilot and each flight crew member pursuant to company policy and used to administer flight time and duty time limitations. Flight time to and from a duty station as a flight crewmember (commuting) will be reported and counted toward limitations if it is flown on a duty day. Flight time includes but is not

limited to military, charter, flight instruction, biennial flight review, flight examinations by FAA designees, or any other flight time of a commercial nature, whether compensated or not.

B3.2.1.5 Pilot's total flying time per quarter, half, and full year shall not exceed the limits established by 14 CFR 135.

B3.2.2 Duty Time

B3.2.2.1 Duty includes flight time, ground duty of any kind, checking weather, and standby or alert status at any job site.

B3.2.2.2 During routine missions, a maximum crew duty period including flight and standby time is 14-hours in any 24-hour period. The Contractor may exceed the 14-hour duty day to perform extended duty, provided the Contractor is authorized in accordance with their Air Carrier Certificate or civil aviation authority.

#### B3.2.3 Mandatory Rest Period

B3.2.3.1 At least ten (10) consecutive hours of rest shall be required immediately prior to each duty period. (Rest is defined as the time spent between duty periods characterized by inactivity or ease and is free from labor or disturbance).

Contract D12PC00113 Rate Adjustment 2015 NSF – Fixed Wing

B3.2.3.2 Pilots shall have two (2) 24-hour periods off duty during any 14-day period during the performance of this contract. Off duty days need not be consecutive.

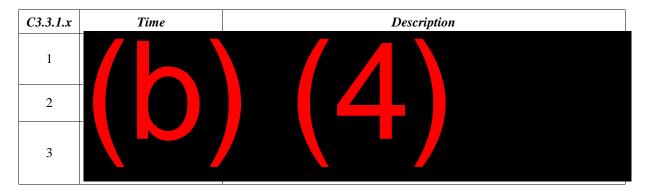
B3.2.3.3 The Government may further restrict daily flight hour limitations. Pilots may also be removed by the CO, or their delegated representative, from duty for fatigue or other causes before reaching their flight hour or duty limitations.

**B3.2.4 Medical Release** 

B3.2.4.1 Flight crews requiring medical attention during their performance in Antarctica shall visit the on call Flight Surgeon / Aviation Medical Examiner (AME) when available to determine their flight status. Once removed from flight status for any medical reason, all flight crews shall be returned to flight status by the onsite AME prior to returning to flight status. When AME's are not available to perform this function, the local medical doctor shall perform this function.

### **B3.3** Mechanic Requirements

B3.3.1 The mechanic shall be the holder of a valid FAA mechanic certificate with airframe and power plant ratings, must have held the certificate with both ratings for a period of 24 months, and meet the following experience requirements:



#### B3.3.2 Mechanic Duty Limitations

Mechanics shall not exceed the following duty time limitations:

B3.3.2.1 Within any 24-hour period, mechanics shall have a minimum of eight (8) consecutive hours off duty immediately prior to the beginning of any duty day. Travel, not local in nature, may be counted as duty time.B3.3.2.2 Mechanics will have two (2) full days off during any 14-day period during the performance of this contract. Off duty days need not be consecutive.

B3.3.2.3 Duty time includes availability and work or alert status at any job site, including time in transport to and from the airfield.

### B3.3.3 Availability of Mechanic

A mechanic shall be available at the designated or alternate station(s)/camp(s) during the periods in which the aircraft is operating in the performance of this contract. A mechanic shall be present to service, inspect and repair the aircraft. The mechanic is considered a required crewmember during deployment/redeployment flights.

#### B3.4 All Contractor Personnel

B3.4.1 All contractor personnel are required to meet the specific training requirements of the NSF as required for operations in Antarctica. The contractor's personnel shall attend this mandatory training at no additional cost to the Government within six (6) weeks of arrival at McMurdo Station. The training will be considered duty time and unavailability shall not be assessed for the time required to meet the NSF training requirements.

### **B4 AIRCRAFT REQUIREMENTS**

### **B4.1** Condition of Equipment

B4.1.1 Contractor-furnished aircraft and equipment shall be operable, free of damage, and in good repair. Aircraft systems and components shall be free of leaks except where specified by the manufacturer. Any non-deferrable system degredation requiring unplanned maintenance, placing the aircraft in a non-airworthy status or when any one item/system identified below does not meet the specified standards listed herein will impact payment of daily availability (DA) in accordance with Section C7.2.1.

B4.1.2 All windows and windshields shall be clean and free of scratches, cracks, crazing, distortion or repairs that hinder visibility. Repairs such as safety wire lacing and stop drilling of cracks are not acceptable permanent repairs. Prior to acceptance, all temporarily-repaired windows and windshields shall have permanent repairs completed or shall be replaced.

B4.1.3 The aircraft interior shall be clean and neat. There shall be no unrepaired tears, rips or other damage in the upholstery or headliner. Broken interior trim with sharp points or edges is not acceptable.

B4.1.4 The exterior finish and paint shall be clean and in good condition. The airplane fuselage shall be painted in high-visibility color differing from the typical white or gray terrain. Upper wing surfaces shall be painted in high-contrast colors that distinguish them from a white snow surface.

B4.1.5 These conditions of equipment concerns are in addition to airworthiness requirements.

### **B4.2 Equipment Requirements**

B4.2.1 Current navigational publications are required for the area(s) of operations, to include VFR sectional aeronautical charts, current IFR charts, and current approach plates and shall be carried on board the airplane at all times.

B4.2.2 A first aid kit containing the items specified at Section C Exhibits shall be furnished by the Contractor and carried aboard the aircraft on all flights.

B4.2.3 A flight-crew survival kit containing items specified in Section C Exhibits shall be furnished by the Contractor and carried aboard the aircraft on all flights.

B4.2.4 Fire extinguisher(s), required by 14 CFR Part 135, for the purposes of this contract, must be a handheld bottle, minimum 2-B-C rating, mounted and accessible to the flight crew while seated. The fire extinguisher must be maintained in accordance with *National Fire Protection Association (NFPA) Manual 10, Standards for Portable Fire Extinguishers* or the Contractor's 135 operations manual.

B4.2.5 The Contractor shall provide aircraft ground support equipment and mission essential accessories to operate in areas with minimal support, including at a minimum: ice anchors and tie-down lines for all aircraft, ladders, barrel ramp, fuel pumps, and other cargo loading gear.

B4.2.6 The aircraft shall be equipped with individual lap belts for each occupant and FAA-approved shoulder harness with inertia reel for both front seat positions. Shoulder harness and lap belt shall fasten with metal-to-metal, single-point, quick-release mechanism. Harness and belts are to be fastened during all flight evolutions. See Section C Exhibits, "Unacceptable Lap Belt and Shoulder Harness Conditions."

B4.2.7 Skis

B4.2.7.1 For Arctic operations aircraft shall be equipped with wheel/ski landing gear.

B4.2.7.2 For Antarctic operations aircraft shall be equipped with spring skis.

B4.2.8 Cabin heater with windshield defogger.

B4.2.9 The aircraft shall be equipped in accordance with 14 CFR 135 for IFR and known icing conditions NOTE

Contract D12PC00113 Rate Adjustment 2015 NSF – Fixed Wing

Alcohol windshield de-ice system is NOT acceptable.

B4.2.10 Lights

B4.2.10.1 Two high visibility strobe lights (one above and one below the fuselage) or a wingtip strobe system

B4.2.10.2 The aircraft shall have approved lighting for night operation in accordance with 14 CFR 91 including instrument lights.

B4.2.10.3 The aircraft shall be equipped with a pulse type light system to enhance recognition of the aircraft. A Pulselite model 1220/2410-2 or equal will meet this requirement.

B4.2.11 RESERVED

B4.2.12 RESERVED

B4.2.13 Cargo Provisions

B4.2.13.1 The aircraft shall be equipped with FAA-approved cargo tie-down provisions, cargo straps and cargo tie-downs for cargo operations.

B4.2.13.2 Cargo restraint installation shall secure cargo from shifting, or slipping through or underneath restraint.

B4.2.13.3 Cargo tie-down provisions shall conform to FAA Advisory Circular AC 43.13-2A or other approved data.

B4.2.13.4 Cargo nets and straps shall not be attached to pilot and/or passenger seat structures.

### B4.2.14 (b) (4)

#### B4.2.15 RESERVED

B4.2.16 Oxygen

B4.2.16.1 For (b) (4) : Minimum six (6) hour oxygen system for flight crew. Passenger oxygen equipment shall be installed at each seating position. System shall have sufficient capacity for six (6) person hours at 15,000 feet MSL.

B4.2.16.2 For (b) (4) : Minimum eight (8) hour oxygen system for flight crew. The oxygen system must be permanently-installed and accessible to the pilot, copilot, and all passenger seats while seated. System shall have sufficient capacity for eight (8) person hours at 15,000 feet MSL.

B4.2.17 Aircraft seats, other than the pilot and copilot, should be foldable or removable to allow for the carrying of cargo.

### **B5 AVIONICS REQUIREMENTS**

#### B5.1 General

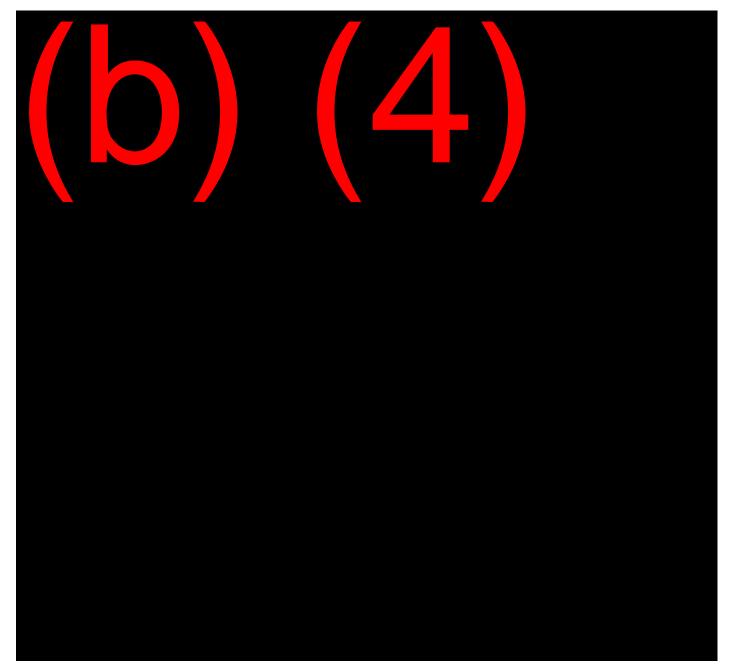
The following systems shall be furnished, installed, and maintained in each aircraft by the Contractor in accordance with the manufacturer's specifications and the installation and maintenance standards of Section B5.6. Detailed avionics systems performance requirements are listed in *Avionics Operational Test Standards*, as detailed in Section C Exhibits. (Copies also available upon request from DOI NBC Aviation Management Directorate or at http://amd.nbc.gov/library/handbooks/aots/pdf).

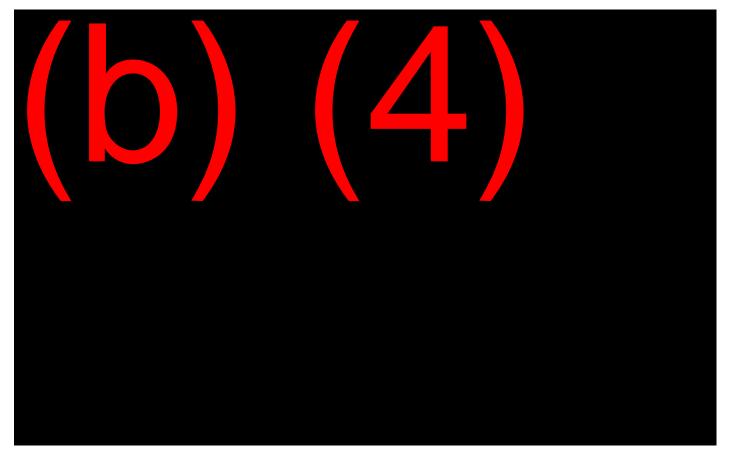
#### **B5.2** Communications Systems



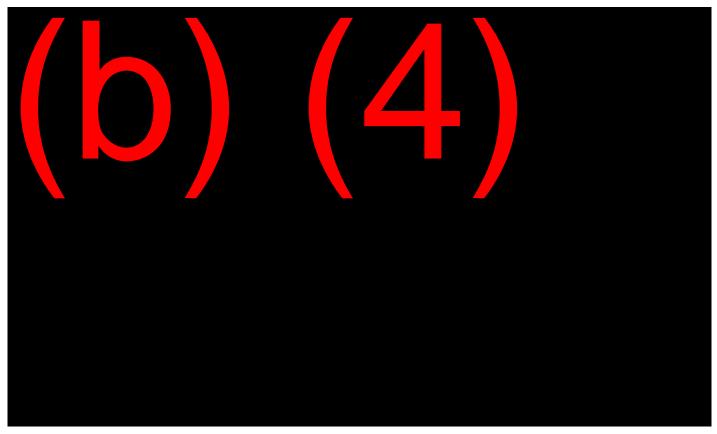


**B5.3** Navigational Systems





**B5.5** Other Avionics

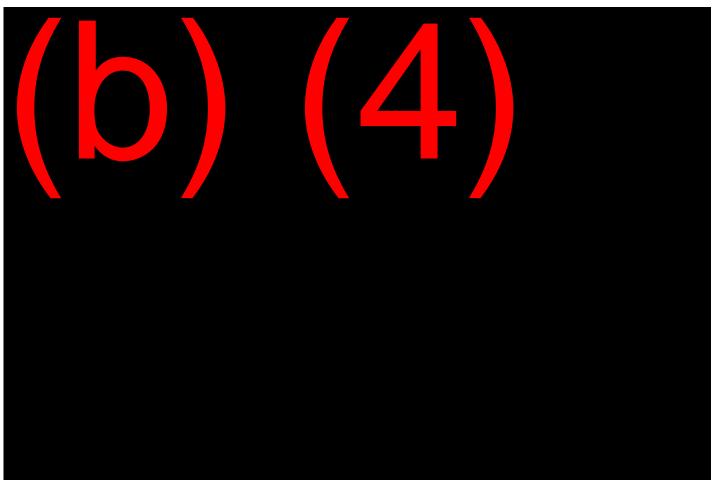


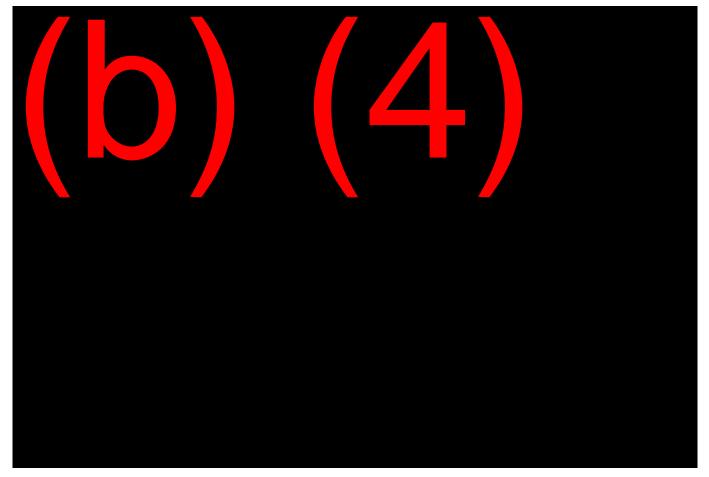


**B5.6** Avionics Installation and Maintenance Standards



**B5.7** Additional Aircraft-Specific Avionics





**B5.8** Automated Flight-Following





### **B6 MAIN**TENANCE REQUIREMENTS

### **B6.1** General

The aircraft shall be operated and maintained in accordance with the manufacturer's specifications and applicable portions of 14 CFR.

### B6.2 Maintenance

B6.2.1 Aircraft shall be maintained in accordance with the Contractor's 14 CFR Part 135 certificate.

B6.2.2 All maintenance, including inspection, rebuilding, alteration, and installation shall be accomplished by a person authorized to perform maintenance in accordance with 14 CFR Part 43.

B6.2.3 Field Maintenance: The Contractor's maintenance organization shall be capable of providing field maintenance support for each aircraft during extended periods of heavy use. The Contractor may have arrangements with other appropriately rated facilities to perform maintenance for which the Contractor is not qualified.

B6.2.4 50-Hour Inspection: A mechanic meeting the contract qualifications shall inspect the aircraft each 50 hours of flight. The 50-hour inspection shall be accomplished in accordance with the procedures outlined in the Contractor's approved/accepted maintenance program or, if not covered by the maintenance program, it shall include, but not be limited to, the following: lubrications, if applicable, and a thorough visual inspection of power plant, control systems, and airframe instruments. A record of this inspection shall be entered in the aircraft maintenance records in accordance with 14 CFR Part 43.9. Such entry shall also include the aircraft time in service.

#### **B6.3** Preventive Maintenance

B6.3.1 The pilot, under the terms of this contract, may perform preventive maintenance in accordance with 14 CFR Part 43.3(h). All maintenance performed will be recorded in accordance with 14 CFR Part 43.9.

B6.3.2 Routine maintenance shall be performed before or after the daily use or as approved by the CO or designated representative.

#### **B6.4** Post Maintenance Check Flight

B6.4.1 Check Flight: A functional maintenance check flight shall be performed, at the Contractor's expense, following installation, overhaul, major repair, major inspection or removal/replacement of any engine, power train, propeller system, or flight control rigging or system. This shall be accomplished before the aircraft resumes service under the contract. The pilot shall enter the result of this check flight in the aircraft records.

B6.4.2 The Contractor shall immediately notify the CO or designated representative of any change to any engine, power train, flight control, propeller, or major airframe component, or of any major repair following an incident or accident, including the circumstances involved.

#### **B6.5** Time Between Overhaul (TBO) and Life-Limited Parts

B6.5.1 All components, including engines and props shall be replaced upon reaching the factory recommended Time Between Overhaul (TBO) or FAA-approved extension. Life-limited Parts (LLP) shall be replaced at the specified time in service hours or cycles. At the time of the initial agency inspection, the aircraft will have a fresh phase inspection and a minimum of 750 hours remaining on the turbine engines until the next "hot section" or major overhaul.

B6.5.2 Aircraft operated with components or accessories on approved TBO extension programs are acceptable provided, (1) the Contractor is the holder of the approved extension authorization (not the owner if the aircraft is leased), and (2) the Contractor operates in accordance with the extension authorization.

B6.5.3 The Contractor shall supply, at the time of the initial agency inspection, a list of all items installed on the aircraft that are required to be overhauled or replaced on a specified time basis. This list shall include the components name, part number, serial number, total time, service life (or inspection/overhaul time interval), and time and date when component was overhauled, replaced, or inspected.

### B6.6 Airworthiness Directives and Manufacturer's Mandatory Service Bulletins

All applicable FAA Airworthiness Directives (ADs) and required Manufacturer's Mandatory Service Bulletins (MMSBs) shall be complied with prior to the performance of this contract. A list of FAA ADs and required MMSBs on the make and model of aircraft offered shall be made available upon request by the Government. The list will be similar to that in Advisory Circular AC 43-9C. Signature of persons verifying accuracy of the list is required. All applicable ADs and required MMSBs issued during the contract shall be complied with.

### **B6.7 Weight and Balance**

B6.7.1 The aircraft's required weight and balance data shall be determined by actual weighing of the aircraft within twentyfour (24) months of the contract's effective date, and following any major repair, major alteration, or change to the equipment list which significantly affects the center of gravity of the aircraft (i.e., per AC-43-13, any piece of equipment weighing more than 1 pound ( $\frac{1}{2}$  Kg)).

B6.7.2 All weighing of aircraft shall be performed on scales that have been certified as accurate within the preceding twenty-four (24) calendar months. The certifying agency may be any accredited weights and measures laboratory.

B6.7.3 A list of equipment installed in the aircraft at the time of weighing must be compiled. The equipment list will include the name and location of each item installed. Items that may be easily removed or installed for aircraft configuration changes (seats, radios, special mission equipment, etc.) shall also be listed including the name, the weight and arm of each item. Each page of the equipment list must identify the specific aircraft by at least serial number or registration number of the aircraft. Each page of the equipment list will be dated indicating the last date of weighing or computation. The weight and balance must be revised each time new equipment is installed or old equipment is removed. Weight and balance procedures under 14 CFR Parts 135.23(b) and 135.185 are acceptable, except where exceeded by this contract.

### **B6.8 Manuals and Records**

B6.8.1 The Contractor shall ensure that all maintenance performed on contract aircraft is recorded in the affected aircraft's maintenance record in accordance with 14 CFR Parts 43 and 91 (reference 14 CFR Parts 43.9, 43.11, and 91.417.

B6.8.2 A copy of the contract aircraft's current maintenance record, containing, as a minimum, the information required by 14 CFR Part 91.417, shall be kept at the designated base of operations. The Contractor shall have a current set of maintenance / parts manuals that will accompany each aircraft at all times.

B6.8.3 If requested by the Government, a copy of the Contractor's procedures manuals, as outlined in 14 CFR Part 135.21, shall be furnished to the CO or designated representative. Revisions made during the period of this contract shall be forwarded to the CO.

B6.8.4 Fifteen (15) days before the start date of the contract, all maintenance deficiencies shall be corrected or deferred in accordance with the operator's Accepted/Approved Maintenance Program. Deferred discrepancies will be evaluated by the DOI AMD Technical Services Division and the aircraft approved for contract use on a case-by-case basis. The CO or his designated representative shall be supplied with a listing of all deferred discrepancies prior to the start of the Antarctic/Arctic season. Those deficiencies occurring during performance under the contract shall be corrected in accordance with the appropriate portions of 14 CFR or the Approved Maintenance Program. Items deferred by use of an FAA-approved minimum equipment list, shall not be mission essential.

### **B7 FUEL AND SERVICING REQUIREMENTS**

### **B7.1** General

B7.1.1 Antarctica: The Government will supply all aircraft fuel for use by the Contractor in Antarctica. The Contractor shall supply oil and other lubricating fluids and grease. The pilot-in-command (PIC) shall keep careful record of fuel withdrawals by airplane tail number for all remote fuel caches and airfield fuel stations (fuel pit), except at McMurdo Station or South Pole.

B7.1.2 Arctic: The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

B7.1.3 All fuel shall be commercial or military grade aviation fuel approved for use by the airframe and engine manufacturer. Only fuels meeting American Society for Testing and Material (ASTM) or military specifications are authorized for use; e.g., ASTM D-1655 (Jet A, A-1, or B), Mil T-5624 (JP-4, JP-5, JP-8), ASTM-D-910 or MIL T-910 (Grade 80, 100, or 100LL), or AN8.

B7.1.4 THE CONTRACTOR SHALL BE RESPONSIBLE FOR AIRCRAFT REFUELING. Fueling operations, including storage and handling, shall comply with the airframe and engine manufacturer's recommendations and all applicable FAA standards. The Contractor shall have and apply a fuel quality assurance program – including but not limited to visual inspection for the proper type and grade, that the fuel is clean, bright and free from contamination. The National Fire Protection Association's fuel-handling handbook shall be used as a guide.

### NOTE

No passengers shall be on board the aircraft during fueling operations. Smoking is prohibited within 50 feet of the aircraft.

Copies of *NFPA 407: Aircraft Fuel Servicing* can be obtained from the National Fire Protection Association, Batterymarch Park, Quincy, MA 02269.

### **B7.2 Fuel Servicing Equipment**

B7.2.1 PORTABLE PUMPS: One portable fuel pump, barrel stem, and hoses shall be carried onboard the aircraft at all times for servicing the aircraft from 55-gallon barrels. The filter manufacturer's operating, installation, and service manual shall be followed. At least one spare filter, seals, and other spare components shall be carried with the portable fuel pump.

### **B7.3 NSF Antarctic Fuel Filtering Systems**

B7.3.1 The NSF fuel filtration systems provided in the Antarctic are designed to provide pressures of 200 psi and flow rates of 300 gpm. Normal pressures/flow rates should be expected in the range of 90 psi and 230 gpm, respectively.

B7.3.2 The NSF filtration will meet one of the following qualifications: Institute of Petroleum (IP), API 1581, or MIL-F-8901E. Some examples of IP qualified elements are Velcon CDF 210K, CDF 220K, ACO 51201K, ACO 21201K, ACO 40501SPK, and ACO 40901SPK.

B7.3.3 The filter vessels will be lacarded indicating the filter change date. Spare filters shall be available to allow periodic and emergency filter changes.

B7.3.4 Three-Stage (filter, water separator, monitor) Systems (API 1581 or MIL-F-8901E qualified). Fueling systems utilize a three-stage system such as a Facet Part Number 050970 M2 for 20 gallons per minute pump, or equal. A Facet Part Number 050971-M2 for a 10 gallon per minute pump, or equal. An acceptable third stage (monitor) unit is Velcon CDF 220K for 20-gpm flow or Velcon CDF 210K for 10-gpm systems.

B7.3.5 Single-Stage System or Three-In-One Filter Canister Systems (IP qualified) utilize a single element system such as a Velcon filter canister with Aquacon cartridge of a size compatible with pumps flow rate (e.g., Velcon VF-61 canister with an ACO-51201K cartridge for 50 to 60 GPM flow rate or ACO-40501SPK for 10 to 15 GPM flow rate).

### **B8 CONSERVATION OF ANTARCTIC ANIMALS AND PLANTS**

### **B8.1** Definitions

The following definitions apply for the purposes of this section only.

B8.1.1 *Antarctica* means the area south of 60 degrees south latitude.

B8.1.2 Antarctic Specially Protected Area means any area designated by the Antarctic Treaty Parties to protect outstanding environmental, scientific, historic, aesthetic, or wilderness values or to protect ongoing or planned scientific research, designated at 45 CFR §670.29. Antarctic Treaty Parties also designate areas where activities are being conducted or may be conducted in the future as an Antarctic Specially Managed Area, to assist in the planning and co-ordination of activities, avoid possible conflicts, improve co-operation between Parties or minimize environmental impacts.

B8.1.3 *Harmful interference* means: (a) flying or landing helicopters or other aircraft in a manner that disturbs concentrations of birds or seals; (b) using vehicles or vessels, including hovercraft and small boats, in a manner that disturbs concentrations of birds or seals; (c) using explosives or firearms in a manner that disturbs concentrations of birds or seals; (d) willfully disturbing breeding or molting birds or concentrations of birds or seals by persons on foot; (e) significantly damaging concentrations of native terrestrial plants by landing aircraft, driving vehicles, or walking on them, or by other means; and (f) any activity that results in the significant adverse modification of habitats of any species or population of native mammal, native bird, native plant, or native invertebrate.

B8.1.4 *Management plan* means a plan to manage the activities and protect the special value or values in an Antarctic Specially Protected Area designated by the United States as such a site in 45 CFR §670.29 or by the Antarctic Treaty Parties in the "Status of Antarctic Specially Protected Area and Antarctic Specially Managed Area Management Plans" Please note that the Antarctic Treaty Parties also designate management plans for Antarctic Specially Managed Areas and Historic Sites and Monuments.

B8.1.5 *Native bird Native bird* means any member, at any stage of its life cycle, of any species of the class Aves which is indigenous to Antarctica or occurs there seasonally through natural migrations, designated in 45 CFR §670.20. . It includes any part, product, egg, or offspring of or the dead body or parts thereof but excludes fossils.

B8.1.6 *Native invertebrate* means any terrestrial or freshwater invertebrate, at any stage of its life cycle, which is indigenous to Antarctica. It includes any part thereof but excludes fossils.

B8.1.7 *Native mammal* means any member, at any stage of its life cycle, of any species of the class Mammalia, which is indigenous to Antarctica or occurs there seasonally through natural migrations, that is designated in 45 CFR §670.19. It includes any part, product, or offspring of or the dead body or parts thereof but excludes fossils.

B8.1.8 *Native plant* means any terrestrial or freshwater vegetation, including bryophytes, lichens, fungi, and algae, at any stage of its life cycle which is indigenous to Antarctica that is designated at 45 CFR §670.21. It includes seeds and other propagules or parts of such vegetation but excludes fossils.

B8.1.9 *Protocol* means the Protocol on Environmental Protection to the Antarctic Treaty, signed October 4, 1991, in Madrid, and all annexes thereto, including any future amendments to which the United States is a Party.

B8.1.10 *Take or taking* means to kill, injure, capture, handle, or molest a native mammal or bird, or to remove or damage such quantities of native plants that their local distribution or abundance would be significantly affected or to attempt to engage in such conduct.

B8.1.11 Treaty means the Antarctic Treaty signed in Washington, D.C. on December 1, 1959.

### **B8.2** Prohibited Acts

The Contractor and its personnel are prohibited from committing any of the following acts, unless a permit has been issued pursuant to NSF Regulation. Failure to abide by this section shall result in the removal of the Contractor's personnel from assignment to this contract, and may constitute grounds for a default termination.

B8.2.1 Taking any native mammal or native bird, or native plant.

B8.2.2 Engaging in harmful interference.

B8.2.3 Entry into any Antarctic Specially Protected Area (ASPA) except in accordance with the relevant ASPA Management Plan.

B8.2.4 Possess, sell, offer for sale, deliver, receive, transport, or ship by means any native mammals, plants, or birds. It is unlawful for any person to receive, acquire, transport, offer for sale, sell, purchase, export, import, or have custody, control, or possession of, any native bird, native mammal, or native plant which the person knows, or in the exercise of due care should have known, was taken in violation of the Act.

B8.2.5 Import or export any native mammals, plants, or birds collected in Antarctica to or from the United States and its possessions and jurisdictions, or any third country.

B8.2.6 Introduce any non-indigenous animals or plants into Antarctica.

B8.2.7. Violate regulations or permit conditions that are in violation of the Act.

#### **B8.3** Exceptions

The following acts constitute allowable exceptions to the prohibited acts described in B8.2.

B8.3.1 Acts committed under emergency circumstances to prevent the loss of human life or of ships, aircraft, or other equipment and facilities of high value, or protection of the environment.

B8.3.2 Acts committed to aid or salvage native mammals or birds if such action is necessary to aid a sick, injured, or orphaned specimen; to dispose of a dead specimen; or salvage a dead specimen which may be useful for scientific study.

B8.3.3 Any acts taken per B8.3.1 or B8.3.2 shall be reported immediately to the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B8.3.4 Transport of native birds, mammals or plants, or any non-indigenous animals or plants within Antarctica in the normal course of work, provided a permit has been issued in accordance with 45 CFR Part 670 by the United States or other third country in accordance with the Protocol.

### **B9 ANTARCTIC WASTE MANAGEMENT**

### **B9.1** Definitions

The following definitions apply for the purposes of this section only.

B9.1.1 Antarctic hazardous waste means any waste containing one or more designated pollutants.

B9.1.2 Antarctica has the same meaning as stated in C8.1.1.

B9.1.3 *Banned substance* means any polychlorinated biphenyls (PCBs); non-sterile soil; polystyrene beads, plastic chips or similar loose polystyrene packing material; pesticides (other than those required for scientific, medical, or hygiene purposes) or other substances as designated in accordance with 45 CFR §671.14.

B9.1.4 *Designated pollutant* means any substance designated in accordance with 45 CFR §671.14; any pesticide, radioactive substance, or substance consisting of or containing any chemical listed by source, generic or chemical name at 40 CFR 61.01, Table 116.4A of 40 CFR 116.4, subpart D of 40 CFR Part 261, 40 CFR 302.4, part 355, and part 372; and any substance which exhibits a hazardous waste characteristic as defined in subparts B and C of 40 CFR part 261; but shall not include any banned substance.

B9.1.5 Permit means a permit issued pursuant to 45 CFR Part 671, Subpart C.

B9.1.6 *Release* means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, leaching, dumping, burying, or disposing of a substance whether intentionally or accidentally.

B9.1.7 Substance means any gas, liquid, or solid, or mixture thereof, including biological material.

B9.1.8 *Use* means to use, generate or create a substance, or to import a substance into Antarctica, but does not include the shipboard use of a substance, provided that substance is not released or removed from the vessel.

B9.1.9 *Waste* means any substance that will no longer be used for any useful purpose, but does not include substances to be recycled in Antarctica, or substances to be reused in a manner different than their initial use, provided such substances are stored in a manner that will prevent their dispersal in to the environment, and further provided that they are recycled, reused, or disposed of in accordance with this contract within three years. Recycling includes, but is not limited to, the reuse, further use, reclamation or extraction of a waste through a process or activity that is separate from the process or activity that produced the waste.

### **B9.2** Prohibited Acts

The Contractor and its personnel are prohibited from committing any of the following acts. Failure to abide by this section shall result in the removal of the Contractor's personnel from assignment to this contract, and may constitute grounds for a default termination.

B9.2.1 Use or release of any banned substance in Antarctica.

B9.2.2 Use or release of any designated pollutant in Antarctica without the prior approval of the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B9.2.3 Use or release of any waste in Antarctic without the prior approval of the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B9.2.4 Violate the terms and conditions of any prior approval granted per C9.2.2 or C9.2.3.

### **B9.3** Exceptions

The following acts constitute allowable exceptions to the prohibited acts described in C9.2.

B9.3.1 Any use or release of designated pollutants or waste allowed under the Act to Prevent Marine Pollution from Ships (33 U.S.C. 1901 et seq.) as amended, or any shipboard use of banned substances or designated pollutants, provided such substances are not removed from the vessel in Antarctica.

B9.3.2 Acts committed in cases of emergency relating to the safety of human life or of ships, aircraft or other equipment and facilities of high value, or the protection of the environment. Any acts taken per this exception shall be reported immediately to the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

#### **B9.4** Prior Approval Requirements

The Contractor shall submit the following information to the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director (dated and signed) when seeking prior approval in accordance with C9.2.2 or C9.2.3. This information shall be submitted at least 120 calendar days prior to the desired effective date of such prior approval.

B9.4.1 The Contractor's name, address, telephone number, and identification of the president, principal officer or managing partner submitting the information.

B9.4.2 A description of the types, expected concentrations and volumes of wastes and designated pollutants to be released in Antarctica; the nature and timing of such releases; arrangements for waste management, including without limitation, plans for waste reduction, minimization, treatment and processing, recycling, storage, transportation and disposal; arrangements for

# SECTION B - TECHNICAL SPECIFICATIONS

training and educating personnel to comply with these waste management requirements and procedures; and other arrangements for minimizing and monitoring the environmental impacts of proposed operations and activities.

B9.4.3 A description of the types, expected concentrations and volumes of designated pollutants to be used in Antarctica; the nature and timing of such uses; the method of storage of designated pollutants; and a contingency plan for controlling releases in a manner designed to minimize any resulting hazards to health and the environment.

B9.4.4 The desired effective date and duration of such prior approval

B9.4.5 The sufficiency of the information submitted shall be determined by the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director. The Director may waive any request for information, or require such additional information as necessary to the processing and evaluation of the request for prior approval.

## **B9.5** Waste Disposal

The Contractor shall dispose of all wastes generated in the performance of work under this contract and comply in all respects with the USAP Standard Operating Procedures titled *Solid Waste Standard Operating Procedure* (see Section C Exhibits) and *Hazardous Waste Standard Operating Procedure* (see Section C Exhibits).

## **B9.6** Permits

The Contractor, at the sole discretion of the Government, may be required to apply for a permit pursuant to 45 CFR Part 671. Pricing, work and delivery requirements shall be specified in accordance with this contract's "Changes" clause.

# **B10 ANTARCTIC METEORITES**

## **B10.1** Definition

Antarctica has the same meaning as set forth at B8.1.1.

#### **B10.2** Prohibited Acts

The Contractor and its personnel shall not collect nor transport meteorites in Antarctica unless the transportation of meteorites is in support of the USAP, NSF science groups, or Grantee programs that have written authorization to transport meteorites. Failure to abide by this section shall result in the removal of the Contractor's personnel from assignment to this contract, and may constitute grounds for a default termination.

## **B11 REQUIRED MEETINGS**

The Contractor shall be responsible for attending up to three conferences per year at various locations in the contiguous United States at no additional cost to the Government. Each conference will typically last two days exclusive of travel. The Contractor's participation at these conferences is required.

## **B12 POST AWARD CONFERENCE**

Contractor will be required to attend a Post Award meeting after award of the contract. This meeting shall be held at the Contractor's facility and will be to review the contract in detail, discuss operational issues associated with Antarctica, identify Points of Contact, and to answer questions.

# **B13 PACKAGING AND SHIPPING**

Unless otherwise specified, all items shall be packaged and marked in accordance with normal commercial practices. If magnetic media is involved, packaging shall be clearly marked identifying the contents as such and with a warning for protection against exposure to magnetic fields or temperature extremes. For greater detail refer to USAP document "INSTRUCTIONS ON PACKAGING AND SHIPPING 2002-2003" on the USAP web site.

# SECTION B - TECHNICAL SPECIFICATIONS

# **B14 SHIPPING TO McMURDO STATION, ANTARCTICA**

Items shipped to McMurdo Station (other than personal items) shall be packaged and shipped in accordance with the USAP publication titled *Instructions on Packaging and Shipping* (see Section C Exhibits).

NOTE

Styrofoam "peanuts" packaging material is prohibited in all packages bound for McMurdo

# C1 CONTRACT TERMS AND CONDITIONS – COMMERCIAL ITEMS (52.212-4 Jun 2010) [Tailored Sept 2005]

#### (SEE ADDENDA WHICH FOLLOWS IMMEDIATELY AFTER CLAUSE 52.212-5)

(a) *Inspection/Acceptance*. The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no expense to the government. If repair/replacement or re-performance will not correct the defects or is not possible, the Government may seek an equitable price reduction or adequate consideration for acceptance of nonconforming supplies or services. The Government must exercise its post-acceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(b) *Assignment*. The Contractor or its assignee's may assign its rights to receive payment due as a result of performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency in accordance with the Assignment of Claims Act (31 U.S.C. 3727). However, when a third party makes payment (e.g., use of the Government-wide commercial purchase card), the Contractor may not assign its rights to receive payment under this contract.

(c) *Changes*. Changes in the terms and conditions of this contract may be made only by written agreement of the parties.

(d) *Disputes.* This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 601-613). Failure of the parties to this contract to reach agreement on any request for equitable adjustment, claim, appeal or action arising under or relating to this contract shall be a dispute to be resolved in accordance with the clause at FAR 52.233-1, Disputes, which is incorporated herein by reference. The Contractor shall proceed diligently with performance of this contract, pending final resolution of any dispute arising under the contract.

(e) Definitions. The clause at FAR 52.202-1, Definitions, is incorporated herein by reference.

(f) *Excusable delays*. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as, acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the CO in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the CO of the cessation of such occurrence.

(g) Invoice.

(1) The Contractor shall submit an original invoice and three copies (or electronic invoice, if authorized,) to the address designated in the contract to receive invoices. An invoice must include--

(i) Name and address of the Contractor

(ii) Invoice date and number

(iii) Contract number, contract line item number and, if applicable, the order number

(iv) Description, quantity, unit of measure, unit price and extended price of the items delivered

(v) Shipping number and date of shipment, including the bill of lading number and weight of shipment if shipped on Government bill of lading

(vi) Terms of any discount for prompt payment offered

(vii) Name and address of official to whom payment is to be sent;

(viii) Name, title, and phone number of person to notify in event of defective invoice, and

(ix) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.

(x) Electronic funds transfer (EFT) banking information.

(A) The Contractor shall include EFT banking information on the invoice only if required elsewhere in this contract

(B) If EFT banking information is not required to be on the invoice, in order for the invoice to be a proper invoice, the Contractor shall have submitted correct EFT banking information in accordance with the applicable solicitation

provision, contract clause (e.g., 52.232-33, Payment by EFT -Central Contractor Registration, or 52.232-34, Payment by EFT-Other Than Central Contractor Registration), or applicable agency procedures

(C) EFT banking information is not required if the Government waived the requirement to pay by EFT.(2) Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and Office of Management and Budget (OMB) prompt payment regulations at 5 CFR part 1315.

(h) *Patent indemnity*. The Contractor shall indemnify the Government and its officers, employees and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark or copyright, arising out of the performance of this contract, provided the Contractor is reasonably notified of such claims and proceedings.

#### (i) Payment

(1) *Items accepted.* Payment shall be made for items accepted by the Government that have been delivered to the delivery destinations set forth in this contract.

(2) *Prompt Payment*. The Government will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR part 1315.

(3) *Electronic funds transfer (EFT)*. If the Government makes payment by EFT, see 52.212-5(b) for the appropriate EFT clause.

(4) *Discount*. In connection with any discount offered for early payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date which appears on the payment check or the specified payment date if an electronic funds transfer payment is made.

(5) *Over-payments*. If the Contractor becomes aware of a duplicate contract financing or invoice payment or that the Government has otherwise overpaid on a contract financing or invoice payment, the Contractor shall --

(i) Remit the overpayment amount to the payment office cited in the contract along with a description of the overpayment including:

(A) Circumstances of the overpayment (e.g., duplicate payment, erroneous payment, liquidation errors, date(s) of overpayment);

(B) Affected contract number and delivery order number, if applicable;

(C) Affected contract line item or sub-line item, if applicable; and

(D) Contractor point of contact.

(ii) Provide a copy of the remittance and supporting documentation to the CO.

(6) *Interest.* (i) All amounts that become payable by the Contractor to the Government under this contract shall bear simple interest from the date due until paid unless paid within 30 days of becoming due. The interest rate shall be the interest rate established by the Secretary of the Treasury as provided in Section 611 of the Contract Disputes Act of 1978 (Public Law 95-563), which is applicable to the period in which the amount becomes due, as provided in (i)(6)(V) of this clause, and then at the rate applicable for each six-month period as fixed by the Secretary until the amount is paid.

(ii) The Government may issue a demand for payment to the Contractor upon finding a debt is due under the contract.
(iii) *Final decisions*. The CO will issue a final decision as required by 33.211 if –

(A) The CO and the Contractor are unable to reach agreement on the existence or amount of a debt within 30 days;

(B) The Contractor fails to liquidate a debt previously specified in the demand for payment unless the amounts were not repaid because the Contractor has requested an installment payment agreement; or

(C) The Contractor requests a deferment of collection on a debt previously demanded by the CO (see 32.607-2). (iv) If a demand for payment was previously issued for the debt, the demand for payment included in the final decision shall identify the same due date as the original demand for payment.

(v) Amounts shall be due at the earliest of the following dates:

(A) The date fixed under this contract.

(B) The date of the first written demand for payment, including any demand for payment resulting from a default termination.

(vi) The interest charge shall be computed for the actual number of calendar days involved beginning on the due date and ending on—

(A)The date on which the designated office receives payment from the Contractor;

(B) The date of issuance of a Government check to the Contractor from which an amount otherwise payable has been withheld as a credit against the contract debt; or

(C) The date on which an amount withheld and applied to the contract debt would otherwise have become payable to the Contractor.

(vii) The interest charge made under this clause may be reduced under the procedures prescribed in <u>32.608-2</u> of the Federal Acquisition Regulation in effect on the date of this contract.

(j) *Risk of loss*. Unless the contract specifically provides otherwise, risk of loss or damage to the supplies provided under this contract shall remain with the Contractor until, and shall pass to the Government upon:

(1) Delivery of the supplies to a carrier, if transportation is FOB origin; or

(2) Delivery of the supplies to the Government at the destination specified in the contract, if transportation is FOB destination.

(k) Taxes. The contract price includes all applicable Federal, State, and local taxes and duties.

(1) *Termination for the Government's convenience.* The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges the Contractor can demonstrate to the satisfaction of the Government using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid or costs incurred which reasonably could have been avoided.

(m) *Termination for cause*. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(n) *Title*. Unless specified elsewhere in this contract, title to items furnished under this contract shall pass to the Government upon acceptance, regardless of when or where the Government takes physical possession.

(o) *Warranty*. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(p) *Limitation of liability*. Except as otherwise provided by an express warranty, the Contractor will not be liable to the Government for consequential damages resulting from any defect or deficiencies in accepted items.

(q) *Other compliances.* The Contractor shall comply with all applicable Federal, State and local laws, executive orders, rules and regulations applicable to its performance under this contract.

(r) *Compliance with laws unique to Government contracts.* The Contractor agrees to comply with 31 U.S.C. 1352 relating to limitations on the use of appropriated funds to influence certain Federal contracts; 18 U.S.C. 431 relating to officials not to benefit; 40 U.S.C 3701, *et seq.*, Contract Work Hours and Safety Standards Act; 41 U.S.C. 51-58, Anti-Kickback Act of 1986; 41 U.S.C. 265 and 10 U.S.C. 2409 relating to whistleblower protections; 49 U.S.C 40118, Fly American; and 41 U.S.C. 423 relating to procurement integrity.

(s) *Order of precedence*. Any inconsistencies in this solicitation or contract shall be resolved by giving precedence in the following order: (1) the schedule of supplies/services; (2) the Assignments, Disputes, Payments, Invoice, Other Compliances, and Compliance with Laws Unique to Government Contracts paragraphs of this clause; (3) the clause at 52.212-5; (4) addenda to this solicitation or contract, including any license agreements for computer software; (5) solicitation provisions if this is a solicitation; (6) other paragraphs of this clause; (7) the Standard Form 1449; (8) other documents, exhibits, and attachments; and (9) the specification.

(t) Central Contractor Registration (CCR)

(1) Unless exempted by an addendum to this contract, the Contractor is responsible during performance and through final payment of any contract for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(2)(i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in FAR Subpart 42.12, the Contractor shall provide the responsible CO a minimum of one business day's written notification of its intention to (A) change

the name in the CCR database; (B) comply with the requirements of Subpart 42.12; and (C) agree in writing to the timeline and procedures specified by the responsible CO. The Contractor must provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (q)(2)(i) of this clause, or fails to perform the agreement at paragraph (q)(2)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

(3) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.

(4) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at *http://www.ccr.gov* or by calling 1-888-227-2423 or 269-961-5757.

## C2 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS – COMMERCIAL ITEMS (52.212-5 Jul 2010)

(a) The Contractor shall comply with the following Federal Acquisition Regulations (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

(2) 52.233-3, Protest after Award (AUG 1996) (31 U.S.C. 3553).

(3) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) Public L. 108-77, 108-78)

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the CO has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

 $\square$ (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (SEPT 2006), with Alternate I (SEPT 2006) (41 U.S.C. 253g and 10 U.S.C. 2402).

(2) 52.203-13, Code of Business Ethics and Conduct (APR 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

(3) 52.203-15, Whistleblower Protections Under the American Recovery and Reinvestment Act of 2009 (JUN 2010) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

(4) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Jul 2010) (Pub. L. 109-282) (31 U.S.C. 6101 Note).

(5) 52.204-11, American Recovery and Reinvestment Act-Reporting Requirements (JUL 2010) (Pub.L. 111-5).

(6) 52.219-3, Notice of Total HUBZone Small Business Set-Aside (JAN 1999) (15 U.S.C 657a).

(7) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (JULY

2005) (if the Offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).

 $\left[ (8) \left[ \text{Reserved} \right] \right]$ 

(9) (i)52.219-6, Notice of Total Small Business Set-Aside (JUNE 2003)(15 U.S.C. 644).

(ii) Alternate I (OCT 1995) of 52.219-6.

(iii) Alternate II (MAR 2004) of 52.219-6.

(10) (i) 52.219-7, Notice of Partial Small Business Set-Aside (JUNE 2003)(15 U.S.C. 644).

(ii) Alternate I (OCT 1995) of 52.219-7.

(iii) Alternate II (MAR 2004 of 52.219-7.

(11) 52.219-8, Utilization of Small Business Concerns (MAY 2004)(15 U.S.C. 637 (d)(2) and (3)).

(12)(i) 52.219-9, Small Business Subcontracting Plan (NOV 2007)(15 U.S.C. 637(d)(4).

(ii)Alternate I (OCT 2001) of 52.219-9.

(iii) Alternate II (OCT 2001) of 52.219-9.

(13) 52.219-14, Limitations on Subcontracting (DEC 1996) (15 U.S.C. 637(a)(14).

(14)(i) 52.219-16, Liquidated Damages – Subcontracting Plan (JAN 1999) (15U.S.C. 637(d)(4)(F)(i).

 $\Box$ (15)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns

(OCT 2008)(10 U.S.C. 2323) (if the Offeror elects to waive the adjustment, it shall so indicate in its offer). [(ii) Alternate I (JUNE 2003)of 52.219-23.

[(16) 52.219-25, Small Disadvantaged Business Participation Program-Disadvantaged Status and Reporting (OCT 1999)(Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).

(17) 52.219-26, Small Disadvantaged Business Participation Program-Incentive Subcontracting (OCT 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).

(18) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (MAY 2004) (15 U.S.C. 657f).

(21) 52.222-19, Child Labor-Cooperation with Authorities and Remedies (JUL 2010) (E.O. 13126).

(22) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).

(23) 52.222-26, Equal Opportunity (MAR 2007)(E.O. 11246).

(24) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006)(38 U.S.C. 4212).

(25) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998) (29 U.S.C. 793).

(26) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006)(38 U.S.C. 4212).

(27) 52.222-54, Employment Eligibility Verification (JAN 2009). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)

 $\Box$ (28)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (MAY 2008)(42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

[(ii) Alternate I (MAY 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

(29) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007)(42 U.S.C. 8259b).

[(30)(i) 52.223-16, IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (DEC 2007)(E.O. 13423).

(ii) Alternate I (DEC 2007) of 52.223-16.

(31) 52.225-1, Buy American Act-Supplies (FEB 2009)(41 U.S.C. 10a - 10d).

(32)(i) 52.225-3, Buy American Act - Free Trade Agreements-Israeli Trade Act (JUN 2009) (41U.S.C.

10a - 10d, 19U.S.C. 3301 note, 19U.S.C. 2112 note, 19U.S.C. 3805 note, Pub. L. 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, and 110-138).

(ii) Alternate I (JAN 2004) of 52.225-3.

(iii) Alternate II (JAN 2004) of 52.225-3.

(33) 52.225-5, Trade Agreements (JUN 2009)(19 U.S.C. 2501, *et seq.*, 19 U.S.C. 3301 note).

(34) 52.225-13, Restriction on Certain Foreign Purchases (JUNE 2008) (E.O's, proclamations and

statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

(35) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (NOV 2007) (42 U.S.C. 5150).

(36) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (NOV 2007) (42.U.S.C. 5150)

(37) 52.232-29, Terms for Financing of Purchases of Commercial Items (FEB 2002)(41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

(38) 52.232-30, Installment Payments for Commercial Items (OCT 1995)(41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

⊠(39) 52.232-33, Payment by Electronic Funds Transfer-Central Contractor Registration (OCT 2003)(31 U.S.C. 3332).

(40) 52.232-34, Payment by Electronic Funds Transfer-Other than Central Contractor Registration (MAY 1999)(31 U.S.C. 3332).

(41) 52.232-36, Payment by Third Party (FEB 2010)(31 U.S.C. 3332).

(42) 52.239-1, Privacy or Security Safeguards (AUG 1996)(5 U.S.C. 552a).

(43)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006)(46 U.S.C. Appx 1241 and 10 U.S.C. 2631).

(ii) Alternate I (APR 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, which the CO has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-41, Service Contract Act of 1965 (NOV 2007)(41 U.S.C. 351, et seq.).

(2) 52.222-42, Statement of Equivalent Rates for Federal Hires (MAY 1989)(29 U.S.C. 206 and 41 U.S.C. 351, *et seq.*). (See Exhibits)

(3) 52.222-43, Fair Labor Standards Act and Service Contract Act-Price Adjustment (Multiple Year and Option Contracts) (SEP 2009) (29 U.S.C. 206 and 41 U.S.C. 351, *et seq.*).

(4) 52.222-44, Fair Labor Standards Act and Service Contract Act-Price Adjustment (SEP 2009) (29 U.S.C. 206 and 41 U.S.C. 351, *et seq.*).

(5) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment – Requirements (NOV 2007) (41 U.S.C. 351, *et seq.*).

(6) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services – Requirements (FEB 2009) (41U.S.C. 351, *et seq.*).

[(7) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (MAR 2009) (Pub. L. 110-247).

(8) 52.237-11, Accepting and Dispensing of \$1 Coin (SEPT 2008) (31U.S.C. 5112(p)(1)).

(d) *Comptroller General Examination of Record*. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records-Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e)(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c) and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause –

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (APR 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

(ii) 52.219-8, Utilization of Small Business Concerns (MAY 2004)(15 U.S.C. 637 (d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$550,000 (\$1,000,000 for construction of any public facility), the sub-contractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iii) [Reserved.]

(iv) 52.222-26, Equal Opportunity (MAR 2007)(E.O. 11246);

(v) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006)(38 U.S.C. 4212);

(vi) 52.222-36, Affirmative Action for Workers with Disabilities (JUNE 1998)(29 U.S.C. 793);

(vii) [Reserved]

(viii) 52.222-41, Service Contract Act of 1965 (NOV 2007) (41 U.S.C. 351, et seq.).

(ix) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)). Flow down required in accordance with paragraph (f) of FAR clause 52.222-50.

(x) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment – Requirements (NOV 2007) (41U.S.C. 351, *et seq.*).

(xi) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services – Requirements (FEB 2009) (41U.S.C. 351, *et seq.*).

(xii) 52.222-54, Employment Eligibility Verification (JAN 2009).

(xiii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (MAR 2009) (Pub. L. 110-247). Flow down required in accordance with paragraph (e) of FAR clauses 52.226-6.

(xiv) 52.247-64, Preference for Privately Owned U.S.- Flag Commercial Vessels (FEB 2006)(46 U.S.C. Appx 1241 and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64).

(2) While not required, the Contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

# ADDENDA TO CONTRACT TERMS AND CONDITIONS

## C3 INSPECTIONS / ACCEPTANCE (52.212-4(a)), the following is added:

## **C3.1 Scheduling Inspections**

C 3.1.1 The Contracting Officer's Technical Representative (COTR) will schedule, in writing (email is acceptable), all initial inspections prior to the aircraft's delivery to the Government. Hours for inspection are 0730 to 1630 local time, Monday through Friday (Government holidays excluded) unless otherwise scheduled by the Government. The Contractor may request rescheduling of any inspection; such request must be in writing to the COTR and no later than 20 days prior to the date of the scheduled inspection. The COTR will attempt to accommodate the request, if it does not interfere with other scheduled inspections.

C3.1.2 The inspection will be conducted at the designated base or other location acceptable to the Government at a mutually agreed upon time and date subject to the following: The inspection shall commence not later than 24 days prior to the established date set for deployment, unless a later inspection is mutually agreed upon.

C3.1.3 Location and time of pilot evaluation flights may be the same as established for equipment inspections.

## C3.2 Personnel

C3.2.1 The Contractor's Chief Pilot shall submit annually on Form AMD-64A **no later than August 15** each year, and in no case later than 24 days prior to the delivery date, completed pilot (and mechanic, if applicable) information forms for all personnel that may be utilized under the contract. Information from these forms will assist in evaluating the pilot's and mechanic's qualifications. Only those individuals whose experience/credentials comply with Section B3 of this Contract and whose past experience can be verified from log books, employment records, etc. will be considered for use on this contract. It is the Chief Pilot's responsibility to ensure offered personnel meet the contract's requirements. Concurrent with the Form AMD-64 submission, the Chief Pilot shall state in writing to the CO or his designated representative that all offered personnel records have been screened and comply with Section B3 of this contract.

## NOTE

Submission by the Chief Pilot of non-qualified personnel to the government shall negatively impact the Past Performance Evaluation for the year in which the submission was submitted. The Contractor shall be assessed unavailability should the submission of non-qualified personnel cause delays to the approval process that ultimately effect the availability of the aircraft on the start date of the season.

C3.2.2 Pilot flight performance evaluation shall be conducted when determined necessary by the COTR to further verify the pilot's ability to perform on this contract. The aircraft used for this evaluation will be the same make, model, and series as offered for this contract, shall be equipped with dual controls, and shall be provided by the Contractor for the evaluation flight(s) at the Contractor's expense. Location of the evaluation flight(s) may include access to terrain similar to that to be flown during the contract period. The determination as to the ability of the pilot, through an evaluation flight, to successfully meet the requirements of this contract, will rest solely with the Government.

C3.2.3 Upon determination that the proposed personnel meet all contract requirements, an Aviation Management Division (AMD) Pilot Qualification Card will be issued. The pilot qualification card shall be in the possession of the pilot and available for inspection at all times during the performance of this contract.

## C3.3 Equipment

If the aircraft and supporting equipment meet all requirements of the contract, the COTR will issue an aircraft data card authorizing use of the aircraft. The aircraft data card must be clearly displayed in the aircraft's cockpit at all times during the contract period.

#### C3.4 Substitute Personnel or Equipment

C3.4.1 Inspection of substitute personnel or equipment shall be requested in writing by the Contractor not later than twenty (20) days prior to deployment to any location unless approved at the initial inspection. The Government will, at no cost to the Contractor, inspect substitute personnel and/or equipment on a basis of one additional inspection per quarter (after the first 60 calendar days).

C3.4.2 Notwithstanding the clause titled *Government-Furnished Office Space, Furnishings and Services,* transportation of substitute aircraft and/or personnel to any location will be at the Contractor's expense. When pilots are exchanged or replaced after the initial pilot approval, any training or familiarization flight time, up to three hours for each replacement pilot as deemed necessary by the Government, shall be accomplished at the Contractor's expense.

## C3.5 Inspection Expenses

C3.5.1 The Contractor shall be responsible for all costs incurred per the following:

C3.5.1.1 Re-inspection of personnel or equipment that did not comply with contract specifications upon initial inspection.

C3.5.1.2 Inspection of substitute personnel or equipment, except as otherwise provided herein.

C3.5.2 Costs may include, but are not limited to, inspector(s) time, transportation, and subsistence computed as follows:

C3.5.2.1 Inspector time at \$75.00 per hour per inspector, for all re-inspection hours including travel time from Boise, Idaho.

C3.5.2.2 Transportation and Subsistence. Actual cost for required personnel.

C3.5.3 Re-inspection costs may be deducted from payments due the Contractor.

## C4 DESIGNATED BASES

C4.1.1 All equipment, facilities, and personnel required under this contract shall be delivered (report) to, and shall be removed (released) from McMurdo Station, Antarctica.

C4.1.2 Aircraft may be required to operate from bases other than those stipulated in the Schedule of Items at the discretion of the Government. Additional allowances specified elsewhere in Section C32 may apply under such circumstances.

# **C5 EXCLUSIVE USE PERIOD**

C5.1 Aircraft furnished under this contract shall be subject to the exclusive use and control of the Government 24 hours per day, seven (7) days per week throughout the exclusive use period and any ordered period of use. The anticipated exclusive use period is set forth in CLINs 1-7. In the event the Government chooses to extend the exclusive use period beyond the anticipated period, payment shall be at the rates set forth in the schedule for additional days of availability.

C5.1.1 Release of aircraft for other use. The contract aircraft are for the exclusive use of the Government 24 hours per day, during the exclusive use period. However, the Government may not use the aircraft each day. At times that the Government may not require the aircraft, the Contractor is encouraged to utilize the aircraft for other uses as long as such use will not adversely impact performance of this contract. Accordingly, the Government will provide the Contractor with advance notice of potential days the aircraft will not be required. The Contractor may request and the Government may agree to release the aircraft for non-Government uses. When released, no payment for availability or flight hours will accrue for the period released.

### C5.2 Availability

F5.2.1 Availability is the period of each day that the aircraft, crew, and all equipment are contractually compliant and available for service as scheduled by the Government.

C5.2.1 The Government will establish the availability period that will not exceed the maximum crew duty limitations as set forth below. The Government may order service beyond the basic twelve (12) hours, however, the total availability period will not exceed the maximum crew duty limitations as follows:

Pilots/Co-Pilots:Maximum of 14 hours per dayMechanic:Maximum of 16 hours per day

#### C5.3 Schedule of Operations and Reaction Time

The Government will coordinate daily scheduled operations with the Contractor's designated on-ice representative. The Contractor shall provide availability of service, as directed by the Government, at the times specified in the daily flight schedule.

C5.3.1Should an unscheduled event occur, flight crews shall initiate preflight preparations within 30 minutes of notification of that event.

C5.3.2During weather delays, crews shall maintain continued communications with Government Representatives until conditions improve and flight resumes, until the conclusion of the duty day, or official release from duty as specified below.

C5.3.3 Release From Duty. The Contractor's personnel may be released and be considered off duty. Once released, they cannot be required to return to duty status that day. Service shall be recorded as available provided the Government has approved release of the Contractor's personnel in advance.

#### C5.4 Mechanic Availability

A mechanic shall be available at the base of operations during the periods in which the aircraft is operating in performance of this contract. A mechanic shall be present to service and inspect the aircraft.

C5.4.1 Maintenance During Availability Period

The COTR may approve removal of the aircraft from service to permit the Contractor to perform scheduled or unscheduled maintenance. Approval to remove the aircraft from service shall be wholly discretionary by the Government. Availability shall continue to be measured and paid throughout periods approved for maintenance, PROVIDED:

C5.4.1.1 The Contractor requests permission to remove the aircraft from service well in advance of the maintenance.

C5.4.1.2 The Government, at its discretion, shall have the right to require the Contractor to resume service at any time within the period specified under the schedule of operations.

C5.4.1.3 The aircraft and crew are ready to take off within 60 minutes of any order to resume service.

# C6 UNAVAILABILITY, DAMAGES, AND FAILURE TO PERFORM

## C6.1 Unavailability

C6.1.1 Services shall be recorded as unavailable whenever the Contractor fails to comply with the requirements specified in this contract. Service will continue as unavailable, throughout the period scheduled above, until the failure is corrected, as determined by the Contracting Officer or their designated representative.

C6.1.2 Service shall be recorded as unavailable whenever the aircraft is removed from service for use in inspecting pilots under C3. The Contractor shall notify the COR/COTR of the exact date and time the aircraft is requested to be removed from service. Service shall be recorded as unavailable throughout the entire period, including preparation for inspection and return to service.

C6.1.3 The Contractor shall notify the COR/COTR when the service is again available.

## **C7** MEASUREMENT, PAYMENT AND GUARANTEE

#### C7.1 Measurement of Daily Availability

Availability of service will be measured and recorded in days for the period service is ordered by the CO or COR and performed by the Contractor in accordance with contract specifications. The daily availability rate shall include all fixed and variable costs (depreciation, salaries, overhead, annual inspections, permanent shop facilities, etc.) incurred in providing continuous service, exclusive of those costs directly attributable to actual flight.

#### C7.2 Payment for Daily Availability

C7.2.1 Payment will be made for daily availability at the rates set forth in the Schedule of Items except that availability will be reduced for each hour or portion thereof service is listed as unavailable as follows:

SINGLE CREW: 1/14 per hour not to exceed 14/14 per day DOUBLE CREW: 1/20 per hour not to exceed 20/20 per day

C7.2.2 The Government will pay for daily availability for each airplane ordered during the exclusive use period from the date that the Contractor is required to deliver the airplane to the delivery point until it is released from service. Payment for daily availability shall not begin if the airplane is not properly prepared, as determined by the COTR.

#### NOTE

The Government shall notify the Contractor of the required actual aircraft delivery date not later than forty-five (45) calendar days prior to the time the aircraft are required at the delivery point.

ARRIVAL AT DELIVERY POINT: Upon arrival at the required delivery point, the Contractor shall ensure that the flight crews receive two days rest prior to beginning services as ordered. Availability will not be paid for the two days of rest. Contractor will be allocated one paid day of Availability per aircraft ordered for unloading and reconfiguration of the aircraft for Antarctic work upon arrival at the required delivery point.

RETURN TO HOME BASE: The Contractor shall prepare the aircraft for return shipment/redeployment. The Contractor will be permitted one day of availability per aircraft to prepare the aircraft for shipment/redeployment prior to its scheduled release time. The airplane shall be considered unavailable if not properly prepared for return shipment/redeployment as determined by the COTR. In the event the Contractor requests that an aircraft be removed from service in sequence that would exceed the allotted period per aircraft, daily availability payments will be suspended for the excess time.

#### **C7.3 Measurement and Payment for Flight Time**

C7.3.1 Flight time shall be defined and reported as the time from the moment an aircraft first moves under its own power for the purpose of taking off until the moment it comes to rest at the end of the flight

C7.3.2 Payment will be made at the rates set forth in the Schedule of Items for all flights ordered by the Government and flown by the Contractor.

#### C7.4 Flights for Contractor's Benefit

Payment will not be made for flights for the benefit of the Contractor, such as maintenance test flights, ferrying to and from maintenance facilities, training or familiarization flights (as described in Section C3.4.2), flights required following an engine change, or transportation of Contractor's support personnel.

## **C8 GOVERNMENT-FURNISHED PROPERTY**

#### **C8.1** Ownership and Control

C8.1.1 The Government will retain full ownership and control of all property furnished by the Government. Government-furnished property not consumed in performance shall be surrendered upon demand (i.e., during performance or end of the exclusive use period).

C8.1.2 The Contractor shall execute receipt of property documents for any property furnished by the Government.

C8.1.3 During the term of the contract, certain Government-owned equipment may be assigned to the Contractor. If the equipment is lost, damaged or totally destroyed as a result of the Contractor's negligence or as a result of any accident, the fair market value of the equipment will be charged to the Contractor and withheld from payments due under this contract.

#### C8.2 Government-Furnished Property\Equipment For Use

The Government will provide the following equipment for use by the Contractor while deployed to Antarctica. However, notwithstanding the clause 52.245-01 Government Furnished Property, the Contractor shall not be Contract D12PC00113 Rate Adjustment 2015 NSF - Fixed Wing 63

responsible for its maintenance. The Government will not provide any equipment for the performance of work in the Arctic Polar Regions.

C8.2.1 Common ground servicing equipment; e.g., ladders, work stands, and other general, non-powered equipment,

- C8.2.2 Heated spare parts storage at McMurdo Station and South Pole.
- C8.2.3 Fueling equipment (except as otherwise identified herein)
- C8.2.4 Heaters (Herman-Nelson)
- C8.2.5 Auxiliary Power Units

#### C8.3 Government-Furnished Property\Equipment For Installation

The Government may provide scientific equipment for installation in the Contractor's airplanes to partially satisfy the requirement set forth at Table B5.7.1.4. If approved by the government, the Contractor may temporarily remove this equipment, however, the Contractor is responsible for all cost associated with removal and reinstallation, as well as re-certifying this equipment prior to its reinstallation. The Contractor is also responsible for maintenance and care of this equipment at all times (even while temporarily removed) as required by the clause **52.245-01 Government Furnished Property**.

## **C9** GOVERNMENT-FURNISHED OFFICE SPACE, FURNISHINGS AND SERVICES

#### **C9.1 Government-Furnished For Antarctica**

The Government will furnish at no cost to the Contractor:

#### C9.1.1 Deploy/Redeployment Transportation

C9.1.1.1 Air transportation (one time) from Pt. Hueneme, CA to Government sites in Antarctica for replacement and/or other equipment and materials not deployed via the Contractor's aircraft

C9.1.1.2 Either surface or air transportation between Government sites in Antarctica and the Pt. Hueneme, CA for equipment and materials not demobilized by the Contractor's aircraft

C9.1.2 Facilities as necessary for personnel assigned to work under this contract in Antarctica

C9.1.2.1 Office Facilities

C9.1.2.1.1 Office space (including maintenance and housekeeping)

- C9.1.2.1.2 Utilities, including telephone service
- C9.1.2.1.3 General-purpose office equipment and office furniture

C9.1.2.2 Maintenance Facilities

C9.1.2.3 Lodging

C9.1.2.3.1 Food and lodging (double occupancy) for the Contractor's personnel while performing work in Antarctica

C9.1.2.4 Services Contract D12PC00113 Rate Adjustment 2015 NSF – Fixed Wing

C9.1.2.4.1 Meteorology

C9.1.2.4.2 Air traffic control

C9.1.2.4.3 Waste disposal and spill clean-up

C9.1.2.4.4 Access to the USAP Medical Clinics

C9.1.2.4.5 Oxygen shall be available to flight crews at South Pole Station upon request, unless not available due to higher priority medical requirements.

C9.1.2.5 Vehicle: the Government shall provide, <u>from a pool of vehicles</u>, a vehicle to be used to transport Contractor staff to and from McMurdo and airfields

C9.1.3 Personal Gear

C9.1.3.1 Extreme cold weather gear for use in Antarctica (other than that required elsewhere by this contract)

C9.1.3.2 Other items required per the USAP Personnel Manual, such as sunglasses and personal toiletry items, are the responsibility of the Contractor.

C9.1.4 Airport facilities: The Government shall provide office space to include work desk, phone, and computer with internet and storage area for reference manuals. Space will be provided for Do Not Freeze (DNF) and hazmat items. Maintenance facilities shall be provided to the Contractor while in McMurdo.

## **C9.2** Government-Furnished For Arctic

For work in the Arctic, any transportation, facilities, lodging, services or personal gear provided by the Government will be identified on each order; however, the Contractor shall be prepared to provide their own services for Arctic work.

# C10 AFTER-OPERATIONS REPORT

The Contractor shall annually prepare and furnish copies of an After-Operations Report, detailing for the period from each March through the following February:

(a) status of all major events and activities identified in this contract, and other correspondence from the CO;

(b) a summary of all NSF-approved changes to the contract since the beginning of the contract;

(c) a concise summary of all work performed during the reporting period, including

1. flight hours by airplane by day, segregated by location (i.e., Arctic or Antarctic);

2. days of no flight or partial flight, with explanation as to why (e.g., weather; maintenance; etc)

3. days detached to other sites (e.g., deployed to CTAM; WAIS; etc), inclusive of data per items 1 and 2

above

4. and any problems encountered;

(d) a summary of all unscheduled heavy maintenance performed on aircraft used in the performance of the contract; (e) a summary and detail of any and all aircraft Incidents or Mishaps;

(f) a financial report for the period;

(g) a cumulative financial report for the contract; and

(h) future plans and actions required of the Government.

The After Operations Report shall be submitted to the NSF NLT 1 May following the conclusion of each season.

## C11 CONTRACTOR DATA REQUIREMENTS

#### C11.1 Contractor-Provided Data

The Contractor shall provide the Government the following data at the intervals indicated:

C11.1.x	Description	Interval	Contract Ref	Notes
1	List of installed items required to be overhauled or replaced on a specified time basis	Prior to initial aircraft inspection	B6.5.3	(3)
2	List of FAA ADs and required MMSBs on the make and model of aircraft offered	Upon request	B6.6	(3)
3	Contractor's 14 CFR 135.21 procedures manual	Upon request	B6.8.3	(3)(7)(8)
4	Report concerning allowable exceptions to the prohibited acts described at Section B8.2	W/in five calendar days of event	B8.3.4	(1)
5	Report concerning allowable exception to the prohibited acts described at Section B9.2	W/in five calendar days of event	B9.3.2	(1)
6	Prior approval to use or release designated pollutants in Antarctica	120 calendar days prior to desired approval	B9.4	(1)
7	Prior approval to use or release waste in Antarctica	120 calendar days prior to desired approval	B9.4	(1)
8	Form AMD-64A – Airplane Pilot Qualifications and Approval	Annually; No later than August 15	C3.2.1	(2)(3)
9	After-Operations Report	Annually, NLT 1 May	C10	(5)(6)(11)
10	Copies of reports submitted to the FAA or other civil aviation authorities	Simultaneously with original submission	C17.1	(3)
11	Information needed to complete NTSB Form 6120.1/2	W/in one calendar day of event	C18.3.1	(9)
12	Form AMD-34 or FS 5700-14, SafeCom W/in five calendar days of event		C18.3.2	(9)
13	Aircraft Use Report - Aviation Management System	Bi-weekly	C20	(1)
14	Security investigation form(s)	W/in seven working days of receipt	C22	(1)
15	Medical and dental examination forms	Upon completion	C23	(10)

Note (1): Submit as described per contract reference.

- Note (2): No later than 14 days prior to delivery of airplanes to the delivery point.
- Note (3): Submit to the COTR per AMD appointment.
- Note (4): Reserved for future use.
- Note (5): Submit NLT 1May, 2011 and annually thereafter.
- Note (6): Submit three copies each to the CO. Copies may be electronic.
- Note (7): Submit revisions as they are published.
- Note (8): Submit to NSF Program Manager.
- Note (9): Submit to AMD Aviation Safety Manager (ASM) with copy to NSF/OPP Health and Safety Officer.
- Note (10): Submit as described therein.
- Note (11): Contractor shall not use, release to others, reproduce, distribute or publish this without the CO's written authorization per the authority of the clause titled *Rights in Data General*, Paragraph (d)(1).

#### C11.2 Addresses For Submission

Data shall be submitted as directed to the following addresses: C11.2.1 DOI/AQD Contracting Officer:

> Interior Business Center, Acquisitions Services Directorate 300 E. Mallard Dr., Ste. 200 Boise, ID 83706-3991

ATTN: Michael Willis, Contracting Officer

C11.2.2 OAS Aviation Safety Manager:

National Business Center, Aviation Management Directorate 300 E. Mallard Dr., Ste. 200 Boise, ID 83706-3991 ATTN: Keith Raley, Aviation Safety Manager

C11.2.3 NSF Program Office:

National Science Foundation Office of Polar Programs 4201 Wilson Boulevard, Room 755.17 Arlington, VA 22230 ATTN: Michael Scheuermann, Program Manager

## C12 FAR CLAUSES INCORPORATED BY REFERENCE

NOTICE LISTING CLAUSES INCORPORATED BY REFERENCE

Federal Acquisition Regulations (48 CFR Chapter 1) Clauses

52.245-01	GOVERNMENT FURNISHED PROPERTY	AUG 2010
52.242-17	GOVERNMENT DELAY OF WORK	APR 1984

## **C13 CONTRACTS**

C13.1 One conformed copy of the contract will be furnished to the Contractor.

**C13.2** The Contractor shall maintain a copy of the contract and all modifications at its base of operations throughout the contract's term.

## **C14 AUTHORITY OF GOVERNMENT PERSONNEL**

(a) The CO is the only individual authorized to enter into or terminate this contract, modify any term or condition of this contract, waive any requirement of this contract, or accept nonconforming work.

(b) The CO will designate a Contracting Officer's Representative (COR) at time of award. The COTR will be the CO's designated representative and shall be responsible for technical monitoring of the Contractor's performance and deliveries. The COR will be appointed in writing, and a copy of the appointment will be furnished to the Contractor. Changes to this delegation will be made by written changes to the existing appointment or by issuance of a new appointment. The COR for this contract will be:

Mr. Andrew Barry Office of Aviation Services 300 E. Mallard Dr. Ste 200 Boise, ID 83706 Phone: (208) 433-5080 Fax: (208) 433-5085

(c) The COR is not authorized to perform, formally or informally, any of the following actions:

- 1) Promise, award, agree to award, or execute any contract, contract modification, or notice of intent that changes or may change this contract;
- 2) Waive or agree to modification of the delivery schedule;
- 3) Make any final decision on any contract matter subject to the Disputes Clause;
- 4) Terminate, for any reason, the Contractor's right to proceed;
- 5) Obligate in any way, the payment of money by the Government.

(d) The Contractor shall comply with the written or oral direction of the CO or authorized representative(s) acting within the scope and authority of the appointment memorandum. The Contractor need not proceed with direction that it considers to have been issued without proper authority. The Contractor shall notify the CO in writing (email is acceptable), with as much detail as possible, when it is perceived the COR has taken an action or has issued direction (written or oral) that the Contractor considers to exceed the COR's appointment, within 2 days of the occurrence. Unless otherwise provided in this contract, the Contractor assumes all costs, risks, liabilities, and consequences of performing any work it is directed to perform that falls within any of the categories defined in paragraph (c) prior to receipt of the CO's response issued under paragraph (e) of this clause.

(e) The CO shall respond in writing within 30 days to any notice made under paragraph (d) of this clause. A failure of the parties to agree upon the nature of a direction, or upon the contract action to be taken with respect thereto, shall be subject to the provisions of the Disputes clause of this contract.

(f) The Contractor shall provide copies of all correspondence to the CO and the COR.

(g) Any action(s) taken by the Contractor, in response to any direction given by any person acting on behalf of the Government or any Government official other than the CO or the COR acting within his or her appointment, shall be at the Contractor's risk.

## **C15 CONTRACTOR'S ON-SITE STATION SUPERVISOR**

For work performed in Antarctica or other locations designated by the Government, the Contractor shall designate an on-site manager, with full authority to receive instruction and act on the firm's behalf. The Contractor shall provide this designation to the CO no later than 1 October 2011 and/or upon change of delegation. This authority need not include the authority to bind the firm contractually. However, the individual shall have knowledge of the duties and responsibilities of the Government personnel identified herein. This individual shall be a working manager whose collateral duties may involve flying (i.e. currency requirements, replacement of medically down pilot, etc), however not as their primary role and shall be available to manage issues promptly and effectively. In addition, the Contractor shall designate an alternate on-site manager to function in the place of the on-site manager in his/her absence. The on-site manager or his/her alternate shall supervise the execution of the fixed wing flight schedule, be available and off of the daily flight schedule at all times when the Contractor's employees are working in Antarctica. Contractor will arrange for a dedicated On Site Station Supervisor for time periods when more than three (3) Twin Otters and one (1) Basler aircraft are deployed in Antarctica under this contract.

# C16 CHOICE OF LAW

This contract shall be construed and interpreted in accordance with the substantive laws of the United States of America. By the execution of this contract, the Contractor expressly agrees to waive any rights to invoke the jurisdiction of local national courts where this contract is performed and agrees to accept the exclusive jurisdiction of the Interior Board of Contract Appeals and the United States Court of Federal Claims for the hearing and determination of any and all disputes that may arise under the Disputes clause of this contract. Furthermore, the Contractor expressly agrees to recognize the jurisdiction and authority of the U.S. National Transportation Safety Board, its agents and its employees in the conduct of investigations determined to be necessary by the Board as a consequence providing flight services under this contract.

## **C17 SAFETY AND ACCIDENT PREVENTION**

### C17.1 FAA Reporting Requirements

The Contractor shall furnish to the CO a copy of all reports required to be submitted to the FAA by the Federal Aviation Regulations, or other civil aviation authority, in accordance with 14 CFR that relate to pilot and maintenance personnel performance, aircraft airworthiness or operations.

C17.1.1 Examples of these reports are paragraphs 14 CFR Part 135.415 Mechanical Reliability Reports and Part 135.417 Mechanical Interruption Summary Reports required of the Federal Aviation Regulations, 49 CFR Part 830, and FAA Form 8010-4, Malfunction or Defect Report.

#### C17.2 Determination of Compliance

Following the occurrence of a mishap, the CO will evaluate whether noncompliance or violation of provisions of the contract, the Federal Aviation Regulations applicable to the Contractor's operations, company policy, procedures, practices, programs, and/or negligence on the part of the company officers or employees may have caused or contributed to the mishap. The Contractor shall fully cooperate with the CO in the fulfillment of this clause.

#### C17.3 Safety Programs

The Contractor shall keep and maintain programs necessary to assure safety of ground and flight operations. The development and maintenance of these programs are a material part of the performance of the contract.

C17.3.1 Examples of such programs are:

- Personnel activities
- Maintenance
- Safety
- Compliance with regulations

## **C18 MISHAPS**

#### C18.1 Definitions

As used throughout this contract, the following terms shall have the meaning set forth below:

C18.1.1 *Aircraft Accident* means an occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight and all such persons have disembarked, and in which any person suffers death or serious injury, or in which the aircraft receives substantial damage. For purposes of this part, the definition of "aircraft accident" includes "unmanned aircraft accident," as defined herein.

C18.1.2 Airspace Conflict means a near mid-air collision, intrusion, or violation of airspace rules.

C18.1.3 *Aviation Hazard* means any condition, act, or set of circumstances that exposes an individual to unnecessary risk or harm during aviation operations.

C18.1.4 Fatal Injury means any injury which results in death within 30 days of the accident.

C18.1.5 *Incident* means an occurrence other than an accident, associated with the operation of an aircraft, which affects or could affect the safety of operations.

C18.1.6 *Incident with Potential* means an incident that narrowly misses being an accident and in which the circumstances indicate significant potential for substantial damage or serious injury. Classification of an incident as an "Incident with Potential" is determined by the agency Aviation Safety Officer (ASO.)

C18.1.7 *Maintenance Deficiency* means an equipment defect or failure which affects or could affect the safety of operations, or that causes an interruption to the services being performed.

C18.1.8 *Operator* means any person who causes or authorizes the operation of an aircraft, such as the owner, lessee, or bailee of an aircraft.

C18.1.9 *SafeCom* means an agency Aviation Safety Communiqué used to report any condition, observance, act, maintenance problem, or circumstance that has potential to cause an aviation related accident (Form AMD-34 or FS 5700-14).

C18.1.10 *Serious Injury* means any injury which: (1) Requires hospitalization for more than 48 hours, commencing within 7 days from the date of the injury was received; (2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); (3) causes severe hemorrhages, nerve, muscle, or tendon damage; (4) involves any internal organ; or (5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

C18.1.11 *Substantial Damage* means damage or failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component. Engine failure or damage limited to an engine if only one engine fails or is damaged, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, and damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

## C18.2 Mishap Reporting

C18.2.1 The Contractor shall immediately, and by the most expeditious means available, notify the National Transportation Safety Board (NTSB), the civil aviation authority in the country that the aircraft are certificated, the Office of Aircraft Service's Aviation Safety Officer (ASO), and the NSF's Safety and Health Officer (S&HO) when an "Aircraft Accident" or NTSB reportable "Incident" occurs.

C18.2.2 The ASO and S&HO shall immediately be notified when an "Incident with Potential" occurs.

C18.2.3 The toll free 24-hour Interagency Aircraft Accident Reporting Hot Line number is: 1-888-4MISHAP (1-888-464-7427). The NSF's S&HO, Mr. James Karcher, is available at 1-703-292-7477. Cell is 703-819-0283.

#### C18.3 Forms Submission

C18.3.1 Following an "Aircraft Accident" or when requested by the NTSB following the notification of a reportable "Incident," the Contractor will provide the ASO with information necessary to complete a NTSB Form 6120.1/2. A copy of this information shall be submitted to the S&HO.

C18.3.2 The NTSB Form 6120.1/2 does not replace the Contractor's responsibility, within 5 days of an event, to submit to the agency ASO a "SafeCom" to report any condition, observance, act, maintenance problem, or circumstance which has potential to cause an aviation-related mishap. Submission via the internet at <a href="http://nbc.amd.gov">http://nbc.amd.gov</a> is preferred. Blank SafeComs can be obtained from agency ASMs. A copy of this information shall be submitted to the S&HO.

#### C18.4 Pilot Suspension

C18.4.1 Upon classification of a mishap as an "Aircraft Accident" by the NTSB, a pilot operating under this contract <u>will</u> be suspended by the DOI Investigator in Charge (IIC) from performing pilot duties under this contract and any other activity authorized under the Interagency Pilot Qualification Card issued to the pilot.

C18.4.2 Upon classification of an incident as an "Incident with Potential" by the AMD ASM, a pilot operating under this contract <u>may</u> be suspended by the DOI IIC from performing pilot duties under this contract and any other activity authorized under the Interagency Pilot Qualification Card issued to the pilot. The AMD ASM may take suspension action if an immediate safety concern is indicated.

C18.4.2 Whenever the pilot is suspended by the DOI IIC, the pilot Qualification Card shall be surrendered to the DOI IIC. Suspension will continue until:

C18.4.3.1 Rescinded by the CO or designated technical representative, or

C18.4.3.2 Revocation action is taken by AMD in accordance with procedures contained in Interior Departmental Manual 351 DM 3. A copy of these procedures is available from AMD upon request.

#### C18.5 Preservation Requirements

C18.5.1 The Contractor shall not permit removal or alteration of the aircraft aircraft equipment or records following an Aircraft Accident, Incident, or Incident with Potential, until authorized to do so by the CO or other authorized agency representative. Exceptions are when threat to life or property exists; the aircraft is blocking an airport runway, etc. The CO or COTR shall be immediately notified when such actions take place.

C18.5.2 The NTSB's or other civil aviation authorities' release of the wreckage does not constitute a release by the CO.

#### C18.6 Mishap Investigations

The Contractor shall maintain an accurate record of all aircraft accidents, incidents, aviation hazards and injuries to Contractor or Government personnel arising in the course of performance under this contract. Further, the Contractor fully agrees to cooperate with the Government during an investigation. This includes, but is not limited to: (1) making personnel available for interviews by Government investigators; (2) making personnel available for sampling of blood and other bodily fluids for analysis; and (3) making personnel records, aircraft records, and any equipment, damaged or undamaged, deemed necessary by the agency available for inspection. Non-compliance is cause for contract termination.

#### C18.7 Costs Related to Investigation

The Government will be responsible for any costs, including necessary transportation, associated with the disassembly of the aircraft or any of its components deemed necessary by the AMD and/or other Investigators-In-Charge. The Contractor will be fully responsible for any cost associated with the reassembly, approval for return-to-service, and return transportation of any items disassembled by the Government.

#### C18.8 Rescue and Salvage Responsibilities

The cost of search, rescue and salvage operations made necessary due to causes other than negligent acts of a Government employee shall be the responsibility of the Contractor.

## **C19 REPLACEMENT OF PERSONNEL - CONTRACTOR PERSONNEL CONDUCT**

#### **C19.1** Contractor Personnel

The Contractor shall be responsible for the furnishing of personnel fully qualified to perform the services as provided for in this contract. As a designated representative of the Contractor, Contractor personnel are expected to perform and act in a professional manner at all times. The Contractor shall be fully responsible for the actions of Contractor employees during the performance term of this contract. NSF has a zero tolerance for fisticuffs or other

pugilistic actions; such behavior will result in immediate removal of involved personnel from the ice, with concomitant replacement of such personnel at the Contractor's expense.

#### C19.2 Rules of Conduct

Performance of contract services will involve work and/or residence on Federal and other national Antarctic program facilities. Contractor employees are expected to follow the rules of conduct established by the manager of such facilities that apply to all (both Government or non-Government) personnel working or residing on such facilities.

### C19.3 Replacement of Personnel

The Contractor's employees are an integral element of the project for which the aircraft was acquired. As a team member, cooperation, within the scope of this contract, is essential to the successful completion of the effort. Personnel who perform ineffectively, refuse to cooperate in the fulfillment of the project objectives, are unable or unwilling to adapt to communal and/or field living conditions, or whose general performance is unsatisfactory or otherwise disruptive, shall be replaced by the Contractor. Pilots who fly recklessly or fail to follow safe operating practices shall be replaced by the Contractor. The Government has sole discretion as to when replacement of Contractor personnel is warranted. When conditions warrant, the Government may request immediate removal of Contractor personnel from performance under the contract. When immediate removal of the Contractor's personnel is required by the Contractor to fulfill their crew requirements as a result of the removal of personnel from the contract will result in the aircraft being unavailable.

## C19.4 Unsatisfactory / Unsafe Performance

The Contractor shall be notified by the CO, or designated representative, of all unsatisfactory conduct or performance, stating the conditions of unsatisfactory or unsafe performance by his personnel. An opportunity for corrective action may be afforded when the conditions warrant. When directed by the CO, the Contractor shall replace unacceptable personnel in a time period as mutually agreed upon.

#### C19.5 Determination of Unacceptability

The decision as to unacceptability shall be at the sole discretion of the CO. Failure to replace a Contractor employee based upon the conditions set forth herein, may also constitute a basis for Termination for Cause.

# **C20 BILLING AND PAYMENT REQUIREMENTS**

#### C20.1 Designated Agency Office and Payment Office

C20.1.1 The office identified in Block 18a of the SF 1449 is the office designated by the contract to issue payments. It is the Contractor's responsibility to submit invoices as identified below.

C20.1.2 The Contractor may submit invoices every two weeks starting the first day services begin. Services provided must be shown on a daily basis.

C20.1.3 Invoicing and the issuance of payments will be accomplished through a DOI Government provided electronic payment system, the Aviation Management System (AMS). The Contractor will be required to enter/confirm electronic data on a web-based application with payment submission on intervals as stated above. The Government will provide advance information concerning the details of the system.

### C20.2 Guarantee

It is the Contractor's responsibility to compute and submit a properly detailed "Aircraft Use Report" in the Aviation Management System (AMS) for any guarantee due under the contract.

#### C20.3 Improper Invoices

The Contractor will be notified in accordance with the provisions of the Prompt Payment Act if the invoice (Aircraft Use Report in AMS) is not properly completed. If the invoice in determined to be improper, the payment due date will then be computed from the date of receipt by the designated billing office of the properly completed Aircraft Use Report.

#### C20.4 Disputed Payments

Claims for payment of supplies or services that involve disagreements between the Government and the Contractor about quantity, quality, or Contractor compliance with contract requirements, must be submitted separately and will be processed in accordance with the Disputes clause 52.212-4 (d).

## C21 HOLIDAYS AND LEAVE

General administrative or holiday leave (as observed locally) may be granted by the NSF Director, by the Office of Personnel Management, by the Senior U.S. Representative in Antarctica, or other local Government authority due to inclement weather or other compelling reason. Any such leave will also apply to Contractor personnel assigned to work at an NSF site.

## **C22 PERSONNEL SECURITY REQUIREMENTS**

#### C22.1 NSF Security Requirement

If required by NSF, each position under this contract will be assigned a position sensitivity level based upon the criteria in Chapter IX, National Science Foundation (NSF) Personnel Manual No. 14.

The position sensitivity level will be determined by the NSF personnel Security Officer.

For each position classified as sensitive, the Contractor shall be provided appropriate security investigation forms by the NSF Personnel Security Officer and shall be responsible for furnishing them to the employee occupying, or proposed to occupy, the position under this contract. The employee must complete the forms and deliver them in person within seven (7) days from the date the forms are furnished to the Contractor to:

National Science Foundation Head, Personnel Processing Services Center Division of Human Resource Management Room 315 4201 Wilson Boulevard Arlington, VA 22230

Failure to return the completed security investigation forms in person within seven (7) working days shall be cause for making a determination that the employee may not perform, or continue to perform, in the case of contracts in effect at the date of issuance of this requirement, in any sensitive capacity under the contract, whether on-site or offsite. The employee may be eligible for reinstatement to the contract if the completed forms are submitted after the seven-day period, at the discretion of the NSF Personnel Security Officer.

Cost for conducting the required personnel investigation will be paid by NSF. Investigations will be conducted in accordance with Office of Personnel Management minimum investigative requirements.

If an investigation report contains information that is deemed significant or derogatory, a determination will be made with regard to the Employee's eligibility to serve in the subject position by the NSF Personnel Security Officer, pending adjudication or other disposition of the case.

The Contractor is required to insert terms that conform substantially to the language of this clause, including this paragraph, in all subcontracts under this contract.

#### C22.2 Contractor Personnel Security Requirements

C22.2.1 It has been determined that Contractor personnel utilized in the support of this contract will not be allowed routine and regular unsupervised access to a federally controlled facility for more than 180 days, nor will they need unsupervised access to a Federally controlled Level 3 or 4 information system.

C22.2.2 Contractor employees utilized in support of this contract will be treated as visitors (uncredentialed Contractor) and not be required to receive background investigations and credentialing. However, uncredentialed Contractors may be subject to the screening processes utilized at each federally controlled facility where the Contractor services are required. At a minimum, Contractor employees will be issued a temporary/visitor badge and shall display it at all times during contract performance when accessing a federally controlled facility. The COTR is responsible for ensuring that all Contractor employees are issued a temporary/visitor badge.

#### C22.3 Information Technology Security

C22.3.1 The Contractor is required to take Information Security Awareness Training prior to deployment to Antarctica each year. See Section C Exhibits.

C22.3.2 The Contractor shall comply with all information technology requirements for connecting personal computers to the USAP networks. See Section C Exhibits.

## **C23 MEDICAL AND DENTAL QUALIFICATION OF CONTRACTOR PERSONNEL**

In addition to any other medical or dental requirements established by this contract, persons traveling to Antarctica are subject to medical evaluation to determine whether the individual is physically qualified for deployment to Antarctica (see 45 CFR 675). Medical and dental criteria are enumerated in the Medical Screening Guidelines for the United States Antarctic Program (1998). Deployment of Contractor personnel to Antarctica is contingent upon medical and dental qualification (see Section C Exhibits for USAP medical and dental examination forms).

## C24 CONTRACT PERIOD

The contract period will be from date of award through August 31, 2012, unless otherwise extended as allowed herein. The start date is based on the assumption that the Contractor will receive notification of contract award at least 120 days before the start date. If notice of award is not received at least 120 days in advance of the start date, the exclusive use period will start 120 calendar days after notice of award is received. With the written concurrence of both parties, service may begin prior to that date.

The contract period for option years are as follows:

Year 2: September 1, 2012 through August 31, 2013 Year 3: September 1, 2013 through August 31, 2014 Year 4: September 1, 2014 through August 31, 2015 Year 5: September 1, 2015 through August 31, 2016

# C25 OPTION TO EXTEND THE TERM OF THE CONTRACT (48 CFR 52.217-9, Mar 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor at least 30 days prior to expiration of the contract.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) Options exercised prior to the availability of funds for a new fiscal year are subject to FAR 52.232-18 Availability of Funds, which is incorporated by reference.

(d) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 66 months (5.5 years).

1

## C26 OPTION TO EXTEND SERVICES (48 CFR 52.217-8, Nov 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. This option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The CO may exercise the option by written notice to the Contractor prior to the expiration of the contract.

# **C27 UNILATERAL EXTENSION OF EXCLUSIVE USE PERIOD**

The Government may order additional days of service under the contract on a day-to-day basis, either prior to the established starting date or subsequent to the ending date. The contract terms, conditions, specifications and prices will apply to such extension.

# **C28 AVAILABILITY OF FUNDS**

Funds are not presently available for any award term periods earned. The Government's obligation under this contract concerning award term periods earned is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are made available to the CO for the award term periods and until the Contractor receives notice of such availability, to be confirmed in writing by the CO.

# **C29 INCREMENTALLY-FUNDED FIXED-PRICE CONTRACT**

As identified by the clause titled *Limitation of Government's Obligation*, this is an incrementally funded, fixed-price contract. Upon receipt of the Contractor's notice under paragraph (c) of the clause titled *Limitation of Government' Obligation*, the CO shall promptly provide written notice to the Contractor that the Government is:

- Allotting additional funds in a specified amount for continued performance;
- Terminating the contract; or
- Considering whether to allot additional funds; and (*i*) the Contractor is entitled to stop work in accordance with paragraph (b) of the clause; and (*ii*) any costs expended beyond the amount specified in the modification as the limitation of the Government's obligation are incurred at the Contractor's risk.

Should the Government determine that the contract will receive no further funds, the CO shall promptly give notice of the Government's decision and terminate for the convenience of the Government.

## C30 LIMITATION OF GOVERNMENT'S OBLIGATION (AUGUST 1993)

- (a) All CLINs are incrementally funded. For these item(s), the sum of \$1 of the total price is presently available for payment and allotted to this contract. An allotment schedule is set forth in paragraph (i) of this clause.
- (b) For item(s) identified in paragraph (a) of this clause, the Contractor agrees to perform up to the point at which the total amount payable by the Government, including reimbursement in the event of termination of those item(s) for the Government's convenience, approximates the total amount currently allotted to the contract. The Contractor will not be obligated to continue work on those item(s) beyond that point. The Government will not be obligated in any event to reimburse the Contractor in excess of the amount allotted to the contract for those item(s) regardless of anything to the contrary in the clause entitled "Termination for Convenience of the Government." As used in this clause, the total amount payable by the Government in the event of termination of applicable contract line item(s) for convenience includes costs, profit, and estimated termination settlement costs for those item(s).
- (c) Notwithstanding the dates specified in the allotment schedule in paragraph (i) of this clause, the Contractor will notify the CO in writing at least ninety days prior to the date when, in the Contractor's best judgment, the work will reach the point at which the total amount payable by the Government, including any cost for termination for convenience, will approximate 85 percent of the total amount then allotted to the contract for performance of the applicable item(s). The notification will state (1) the estimated date when that point will be reached and (2) an estimate of additional funding, if any, needed to continue performance of applicable line items up to the next scheduled date for allotment of funds identified in paragraph (i) of this clause, or to a mutually agreed upon substitute date. The notification will also advise the CO of the estimated amount of additional funds that will be required for the timely performance of the item(s) funded pursuant to this clause, for a subsequent period as may be specified in the allotment schedule in paragraph (i) of this clause or otherwise agreed to by the parties. If after such notification additional funds are not allotted by the date identified in the Contractor's notification, or by an agreed substitute date, the CO will terminate any item(s) for which additional funds have not been allotted, pursuant to the clause of this contract entitled "Termination for Convenience of the Government."
- (d) When additional funds are allotted for continued performance of the contract line item(s) identified in paragraph (a) of this clause, the parties will agree as to the period of contract performance which will be covered by the funds. The provisions of paragraphs (b) through (d) of this clause will apply in like manner to the additional allotted funds and agreed substitute date, and the contract will be modified accordingly.
- (e) If, solely by reason of failure of the Government to allot additional funds, by the dates indicated below, in amounts sufficient for timely performance of the contract line item(s) identified in paragraph (a) of this clause, the Contractor incurs additional costs or is delayed in the performance of the work under this contract and if additional funds are allotted, an equitable adjustment will be made in the price or prices (including appropriate target, billing, and ceiling prices where applicable) of the item(s), or in the time of delivery, or both. Failure to agree to any such equitable adjustment hereunder will be a dispute concerning a question of fact within the meaning of the clause entitled "Disputes."
- (f) The Government may at any time prior to termination allot additional funds for the performance of the contract line item(s) identified in paragraph (a) of this clause.
- (g) The termination provisions of this clause do not limit the rights of the Government under the clause entitled "Default." The provisions of this clause are limited to the work and allotment of funds for the contract line item(s) set forth in paragraph (a) of this clause. This clause no longer applies once the contract is fully funded except with regard to the rights or obligations of the parties concerning equitable adjustments negotiated under paragraphs (d) and (e) of this clause.
- (h) Nothing in this clause affects the right of the Government to terminate this contract pursuant to the clause of this contract entitled "Termination for Convenience of the Government."

(i) The parties contemplate that the Government will allot funds to this contract in accordance with the following schedule:

On execution of contract	\$1
October 15, 2011	\$TBD
October 15, 2012	\$TBD
October 15, 2013	\$TBD
October 15, 2014	\$TBD
October 15, 2015	\$TBD

## C31 INSURANCE AND ECONOMIC PRICE ADJUSTMENT

#### C31.1 AIRCRAFT INSURANCE

The Contractor must maintain as a minimum, aircraft insurance coverage required by 14 CFR, Part 205, during contract performance.

## **C31.2 ECONOMIC PRICE ADJUSTMENT**



# C32 ADDITIONAL PAY ITEMS

Claims for additional pay items addressed herein must be documented on the invoice for payment and supported by invoice(s) and/or document(s), as required below. The Government will not pay claims submitted with incomplete or missing supporting documentation.

C32.1 <u>Subsistence Allowance</u>. A claim for a subsistence allowance (lodging and/or meals) may be made for each authorized crewmember's overnight stay, including mandatory days off, when assigned to a base away from the designated base subject to the following:

C32.1.1 The Government, at its option, may provide meals and/or lodging (which may be remote field or camp accommodations).

C32.1.1.1 No additional amount(s) shall be paid for lodging taxes, occupancy sales tax, city tax, or such taxes or other costs that may be imposed by lodging facilities at any location. No additional amount shall be paid for lodging amounts that exceed the FTR applicable standard or high rates.

NOTE: Any invoice that includes amounts in excess of the FTR specified locality rates will be rejected for payment. The Contractor will be required to re-submit payment for the appropriate FTR specified rate.

NOTE: Any invoice submission that includes amounts in excess of the FTR specified locality rates will be rejected for payment. The Contractor will be required to resubmit at the FTR allowable rate for the overnight area.

C32.1.1.2 No lodging receipts are required to support the subsistence claim.

C32.1.2 If the Contractor does not use Government provided meals and/or lodging, the Government will not pay for Contractor costs incurred for travel to alternate meal or lodging locations.

C32.1.3 Unless the Government makes three meals available to the Contractor's employees, the applicable FTR total rate for meals and incidental expenses will be paid.

C32.1.4 If partial subsistence, either three meals or lodging, is provided by the Government, the Contractor will be paid at current FTR rates for the portion that is Contractor provided. Lodging will be handled as stated above. Current rates established by the FTR are:

## **STANDARD**

Meals and Incidental Expense: (b) (4) Lodging: (b) (4) Total: (b) (4)

#### HIGH RATE

For current FTR per diem rates see Internet site http://www.gsa.gov/portal/category/21287.

C32.1.5 <u>Miscellaneous Contractor Costs</u>. Miscellaneous unforeseeable costs that cannot be recovered through the contract payment rates and that are the direct result of ordered services away from the designated base may be paid at actual costs, when authorized in advance by the COR. Examples of such items are airport use costs (tie-downs) and truck permits at ports-of-entry, etc.. The Contractor must support any cost exceeding \$75.00 with an itemized, paid invoice.

C32.1.6 <u>Landing Fees</u>. The Government will pay the Contractor for all landing fees the Contractor is required to pay. The Contractor must support any cost exceeding \$75.00 with an itemized, paid invoice.

C32.1.7 Government Miscellaneous Charges

The Government will deduct payment for miscellaneous charges for goods or services furnished to the Contractor.

C32.3 Airframe Modifications

The contractor shall be reimbursed for the completion of all airframe modifications directed by the Government. All aircraft modifications performed under this contract shall be approved in advance by written modification to the contract.

# C33 NOTICE OF CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM (July 2010)

(a) FAR 42.1502 directs all Federal agencies to collect past performance information on contracts. The Department of the Interior (DOI) has implemented the Contractor Performance Assessment Reporting System (CPARS) to comply with this regulation. One or more past performance evaluations will be conducted in order to record your contract performance as required by FAR 42.15.

(b) The past performance evaluation process is a totally paperless process using CPARS. CPARS is a web-based system that allows for electronic processing of the performance evaluation report. Once the report is processed, it is available in the Past Performance Information Retrieval System (PPIRS) for Government use in evaluating past performance as part of a source selection action.

(c) We request that you furnish the Contracting Officer with the name, position title, phone number, and email address for each person designated to have access to your firm's past performance evaluation(s) for the contract no later than <u>30 days after award</u>. Each person granted access will have the ability to provide comments

in the Contractor portion of the report and state whether or not the Contractor agrees with the evaluation, before returning the report to the Assessing Official. The report information must be protected as source selection sensitive information not releasable to the public.

(d) When your Contractor Representative(s) (Past Performance Points of Contact) are registered in CPARS, they will receive an automatically-generated email with detailed login instructions. Further details, systems requirements, and training information for CPARS is available at <u>http://www.cpars.csd.disa.mil/</u>. The CPARS User Manual, registration for On Line Training for Contractor Representatives, and a practice application may be found at this site.

(e) Within 60 days after the end of a performance period, the Contracting Officer will complete an interim or final past performance evaluation, and the report will be accessible at <u>http://www.cpars.csd.disa.mil/</u>. Contractor Representatives may then provide comments in response to the evaluation, or return the evaluation without comment. Comments are limited to the space provided in Block 22. Your comments should focus on objective facts in the Assessing Official's narrative and should provide your views on the causes and ramifications of the assessed performance. In addition to the ratings and supporting narratives, blocks 1 – 17 should be reviewed for accuracy, as these include key fields that will be used by the Government to identify your firm in future source selection actions. If you elect <u>not</u> to provide comments, please acknowledge receipt of the evaluation by indicating "No comment" in Block 22, and then signing and dating Block 23 of the form. Without a statement in Block 22, you will be unable to sign and submit the evaluation back to the Government. If you do not sign and submit the CPAR within 30 days, it will automatically be returned to the Government and will be annotated: "The report was delivered/received by the Contractor on (date). The Contractor neither signed nor offered comment in response to this assessment." Your response is due within <u>30</u> calendar days after receipt of the CPAR.

(f) The following guidelines apply concerning your use of the past performance evaluation:

(1) Protect the evaluation as "source selection information." After review, transmit the evaluation by completing and submitting the form through CPARS. If for some reason you are unable to view and/or submit the form through CPARS, contact the Contracting Officer for instructions.

(2) Strictly control access to the evaluation within your organization. Ensure the evaluation is never released to persons or entities outside of your control.

(3) Prohibit the use of or reference to evaluation data for advertising, promotional material, preaward surveys, responsibility determinations, production readiness reviews, or other similar purposes.

(g) If you wish to discuss a past performance evaluation, you should request a meeting in writing to the Contracting Officer no later than <u>seven</u> days following your receipt of the evaluation. The meeting will be held in person or via telephone or other means during your 30-day review period.

(h) A copy of the completed past performance evaluation will be available in CPARS for your viewing and for Government use supporting source selection actions after it has been finalized.

# C34 IDENTIFICATION OF CONTRACT EXHIBITS AND ATTACHMENTS

These documents are attached in the following Sections and are made a part of this contract, incorporated by reference, and are available at <u>www.amd.nbc.gov</u> or by the following hyperlink: <u>https://webapp2\_nbc.gov/apps/oassol.nsf/7435d479f4fc9fbe882569ca0071a792/bd2cf1b330c314f9872577b100610ff</u> <u>4?OpenDocument</u>

No	Document	Date	No. of Pages	Section Ref.
1	Pilot's Personal Protective Equipment	None	1	B2.3
2	First Aid Kit and Survival Kit	16 Dec 1997	1	B4.2.2 &
_	Solid Waste SOP 1.0 – Generation and Generator		-	B4.2.3
3	Guidance	1 Oct 2000	14	B9.5
4	Hazardous Waste SOP 1.0 – Generation and Generator Guidance	1 Oct 2000	21	B9.5
5	Instructions on Packaging and Shipping	14 Aug 2002	37	B14
6	USAP Medical and Dental Examination Forms			C23
	a) Medical and Dental Instruction Guide, Long Form	July 2008	2	
	b) "Dear Doctor" Letter	July 2009	2	
	c) NSF Form 1422 – Medical History	April 2002	8	
	<ul> <li>d) NSF Form 1423 – Polar Physical Examination</li> <li>– Antarctica</li> </ul>	April 2002	2	
	e) NSF Form 1424 – Medical Screening for Blood-borne Pathogens	April 2002	1	
	f) "Dear Dentist" Letter	May 2010	2	
	<ul> <li>g) NSF Form 1425 – Polar Dental Examination – Antarctica</li> </ul>	April 2002	1	
	h) NSF Form 1421 – Medical Risks for NSF- Sponsored Personnel Traveling to Antarctica	April 2002	1	
	i) Important Notice for Participants in the United States Antarctic Program	May 2000	1	
	<ul> <li>j) Medical Examination Records for Service in the Polar Regions</li> </ul>	July 2008	1	
	k) NSF Form 1424 – Personal Information	Feb 2005	2	
7	Avionics Operational Test Standards	1 Dec 1998	3	B5.1
8	USAP deployment requirements and Information Security Training and Acknowledgement	Release 3.0 August 6, 2009	1	C22.3.1
9	Computer requirements for connecting to the USAP network	Version 5.0 March 4, 2009	3	C22.3.2
10	Unacceptable Lap Belt Conditions and Shoulder Harness Conditions		1	B4.2.6

## SECTION E – OFFEROR REPRESENTATIONS AND CERTIFICATIONS

### OFFEROR'S MISCELLANEOUS INFORMATION

Offeror's Company Name	Kenn Borek Air, Ltd.		
Offeror's DUNS Number			
Offeror's Complete E- mail Address	bcroker@borekair.com		
Offeror's Office Telephone Number	403-291-3300		
Offeror's Facsimile (FAX) Number			
Offeror Contact Representative(s)	1. Name Brian Crocker	<b>Telephone</b> 403-291-3300	
	2. Name John Harmer	<b>Telephone</b> 403-291-3300	

AMENDM	AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES		
2. AMENDM	IENT/MODIFICATION NO.	3. EFFECTIVE DATE	4	REQUISITION/PURCHASE REQ. NO.		3 T NO. (If applicable)	
-0029		See Block 16C		CECONTION DIGINAL REQ. NO.	5. PROJEC	по. (паррисавно)	
BSUED E	BY CODE	D41	7.	ADMINISTERED BY (If other than Item 6)	CODE D4	11	
Interi	or Business Center, AQ		4	DI, Interior Business Cent	1		
	on 4/ Branch 1			ivision 4/ Branch 1	er, AQ	U	
300 Ea	st Mallard Drive			00 East Mallard Drive			
Suite	200		Sı	uite 200			
Boise	ID 83706		Bo	bise ID 83706			
8. NAME AN	DADDRESS OF CONTRACTOR (No., street	, county, State and ZIP Code)		9A. AMENDMENT OF SOLICITATION NO.			
			(x)				
	REK AIR LTD						
	ATTN GOVERNMENT POC AVISH RD NE SUITE 4			9B. DATED (SEE ITEM 11)			
	AB T2E 7G5						
			x	10A. MODIFICATION OF CONTRACT/ORDER NO D12PC00113	).		
				DILICOULIS			
				10B. DATED (SEE ITEM 13)			
CODE 0	071061255	FACILITY CODE		01/05/2012			
		11. THIS ITEM ONLY APPLIES TO A	MEN				
The above	e numbered solicitation is amended as set fo		_		ded. ∏is n	ant extended	
Offers mus	st acknowledge receipt of this amendment p	rior to the hour and date specified in the	solici	tation or as amended , by one of the following meth			
items 8 an	id 15, and returning cop	ies of the amendment; (b) By acknowled	lging	receipt of this amendment on each copy of the offer	er submitted ;	or (c) By	
separate k	etter or telegram which includes a reference	to the solicitation and amendment numb	ers.	FAILURE OF YOUR ACKNOWLEDGEMENT TO B	BE RECEIVE	DAT	
THE PLAC	E DESIGNATED FOR THE RECEIPT OF C	FFERS PRIOR TO THE HOUR AND DA	TE S	PECIFIED MAY RESULT IN REJECTION OF YOU	JR OFFER If	by	
virtue of th	is amendment you desire to change an offer to the solicitation and this amendment, and i	already submitted, such change may be	e ma	de by telegram or letter, provided each telegram or	letter makes		
12. ACCOUN	ITING AND APPROPRIATION DATA (If requ	in di			271,577	7 00	
See Sch		Nec	De	screase5	211,51	/.00	
	13. THIS ITEM ONLY APPLIES TO MO	DIFICATION OF CONTRACTS/ORDER	5. IT	MODIFIES THE CONTRACT/ORDER NO. AS DES	CRIBED IN I	TEN 14.	
CHECK ONE							
)	ORDER NO. IN ITEM 10A,	URSUANT TO: (Specity authority) THE	CHA	NGES SET FORTH IN ITEM 14 ARE MADE IN TH	E CONTRAC	r	
	B. THE ABOVE NUMBERED CONTRAC	T/ORDER IS MODIFIED TO REFLECT 1	THE	ADMINISTRATIVE CHANGES (such as changes in TY OF FAR 43.103(b).	paying office	),	
	appropriation date, etc.) SET FORTH	IN THEM 14, PURSUANT TO THE AUTH	IORI	TY OF FAR 43.103(b).			
	C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT TO AU	THC	RITY OF:			
	D. OTHER (Specify type of modification a	and euthority					
х	FAR 52.212-4(c) Chan						
E. IMPORTAN		It is required to sign this document and		1			
				g solicitation/contract subject matter where feasible			
				HE NATIONAL SCIENCE FOUND			
	ICA AND ARCTIC, 2015-2						
LIST OF	CHANGES:						
Reason	for Modification : Fun	ding Only Action					
	mount for this Modific						
	al Obligated Amount fo						
100	ar obrigated Anount re	i this Award:					
UNICES	FOR ITNE THEM NUMBER.	540					
_	FOR LINE ITEM NUMBER:	540					
	mount changed						
from 🚺							
	ed Amount for this mod	ification: (D) (4)					
Continue							
		document referenced in Item 9 A or 10A	, as	heretofore changed, remains unchanged and in full	force and ef	fect.	
15A. NAME A	ND TITLE OF SIGNER (Type or print)		16/	A. NAME AND TITLE OF CONTRACTING OFFICE	R (Type or p	rint)	
Jour	Horman 198	IDENT	Mi	chael Willis			
BLEDNTR	ACTOR/OFFEROR	15C. DATE SIGNED	<u> </u>	B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
161	ma		1.00	SHILD SIALES OF AMERICA		IDO. DATE SIGNED	
SY III	Simpling of person of the local	- Seat 1 -					
	(Signature of person authorized to sign) -152-8070	507 1,2015	I	(Signature of Contracting Officer)		RM 30 (REV. 10-83)	
_		÷					
Previous edition		-		Pres	scribed by GS R (48 CFR) 53	SA	

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
CONTINUATION SHEET	D12PC00113/0029	2	3

NAME OF OFFEROR OR CONTRACTOR KENN BOREK AIR LTD

TEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	CHANGES FOR LINE ITEM NUMBER: 550				
	Total Amount changed				
	from (b) (4) to (D) (4)				
	Obligated Amount for this modification:				
	(b) (4)				
	Payment Terms:				
	PP30				
	FOB: Destination				
	Period of Performance: 09/01/2015 to 08/31/2016				
	Change Item 00540 to read as follows(amount shown				
	is the obligated amount):	1			
00540	2nd Installment of Funding, 2014-15 Antarctica				(b) (4
00340	Season	1			
	Obligated Amount: (b) (4)			1	
		1			
	Delivery: 08/30/2015				
	Delivery Location Code: 0009836858 ACO Aviation				
	300 East Mallard Drive				
	Boise ID 83706 US				
	Amount: (b) (4)		1		
	Accounting Info:				
	01 Account Assignment: K G/L Account: 6100.252L0		11		
	Business Area: D000 Commitment Item: 252L00 Cost				
	Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center:				
	DS68694300 Project/WBS: DR.WHBOI.15NSF664 PR Acct				
	Assign Line: 01				
	Funded: $(b)$ (4)				
	The contractor shall submit flight data into AMS on line item 10 for all (b) (4)				
	and line item 20 for the $(b)$ (4)				
	The contractor shall submit invoices against				
	contract line items 510 until the mission is				
	complete or the balance is zero dollars and then				
	line item 540 per the attached pricing schedule.				
	Change Item 00550 to read as follows(amount shown				
	is the obligated amount):				
00550	ELICUM CEDUTCES ADOMIC DESTON ASIS				$(\mathbf{b})$ $(4)$
	FLIGHT SERVICES ARCTIC REGION 2015 Obligated Amount: (b) (4)				(b) (4)
	Continued				
)				1	
				1	

CONTINUATION OUTET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF		
CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED D12PC00113/0029	3	3		
NAME OF OFFEROR OR CONTRACTOR					

KENN BOREK AIR LTD

, гем NO. (А)	SUPPLIES/SERVICES (B)	QUANTITY (C)		1	AMOUNT (F)
	(B) Delivery: 08/30/2015 Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive Suite 200 Boise ID 83706 US Amount: (D)(4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: D568694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: D568694300 Project/WBS: DR.WHBOI.15NSF542 PR Acct Assign Line: 01 Funded: (D)(4)	(C)	(D)	(E)	(F)
	5				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT D CODE	PAG	E OF PAGES
2. AMENDMENT/MODIFICAT		3. EFFECTIVE DATE		QUISITION/PURCHASE REQ. NO.		1 2 CT NO. (If applicable)
	ION NO.			Schedule	5. FROJE	
0030 6. ISSUED BY	CODE	See Block 16C		MINISTERED BY (If other than Item 6)	CODE T	941
Interior Busine Division 4/ Bra 300 East Mallar Suite 200 Boise ID 83706	nch 1		Div 300 Sui	, Interior Business Cent ision 4/ Branch 1 East Mallard Drive te 200 se ID 83706	Ľ	
8. NAME AND ADDRESS OF	CONTRACTOR (No., street	. county. State and ZIP Code)	9A	. AMENDMENT OF SOLICITATION NO.		
KENN BOREK AIR I Attn: ATTN GOVEI 290 MCTAVISH RD CALGARY AB T2E <sup>-</sup>	LTD RNMENT POC NE SUITE 4		(X) 9B	. DATED (SEE ITEM 11) A. MODIFICATION OF CONTRACT/ORDER N 12 PC 0 0 1 1 3	0.	
			10	B. DATED (SEE ITEM 13)		
CODE 0071061255		FAC LITY CODE	0	1/05/2012		
CHECK ONE A. THIS CHAI ORDER NO B. THE ABOV appropriation	NGE ORDER IS ISSUED F D. IN ITEM 10A. E NUMBERED CONTRAC on date, etc.) SET FORTH	PURSUANT TO: (Specify authority) TI	HE CHANG	DDIFIES THE CONTRACT/ORDER NO. AS DES GES SET FORTH IN ITEM 14 ARE MADE IN TH M NISTRATIVE CHANGES (such as changes i OF FAR 43.103(b).	HE CONTR	ACT
D. OTHER (S	pecify type of modification	and authority)				
X C29 Inc	rementally Fu	nded Fixed Price Co	ontrac	:t		
E. IMPORTANT Contract	or 🗵 is not.	is required to sign this document	and return	copies to the issuing	g office.	
FIXED WING FLIG ANTARCTICA AND The purpose of accordance with LIST OF CHANGES	HT SERVICES P ARCTIC, 2015- this modifica C29 Incremen :	ROVIDED IN SUPPORT 2016	OF TH	solicitation/contract subject matter where feasib E NATIONAL SCIENCE FOUN: fund contract year 5, ( Contract.	DATION	
		cation: \$2,442,638. or this Award: <mark>(b)</mark> (4				
Payment Terms: Continued		46				
Except as provided herein, all 15A. NAME AND TITLE OF S	terms and conditions of th	e document reference) Them 9 A or	1	retofore changed, remains unchanged and in find NAME AND TITLE OF CONTRACT NG OFFIC		
TOAL TRAINE AND THE UP 3		eu.			лана (туре с	י איווע
	1 all r	· -		chael Willis		
15B. CONTRACTOR/OFFER	terms and conditions of the IGNER (Type or print)	15C. DATE SIGNED	16B.	UNITED STATES OF AMERICA (Signature of Contracting Officer)		16C. DATE SIGNED
NSN 7540-01-152-8070 Previous edition unusable		1	I	ST	FANDARD F	ORM 30 (REV. 10-83) GSA
				FA	AR (48 CFR)	53.243

	REFERENCE NO. OF DOCUMENT BEING CONTINUED
CONTINUATION SHEET	D12PC00113/0030

NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPL ES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	PP30				
	FOB: Destination Period of Performance: 09/01/2015 to 08/31/2016				
	Period of Periormance. 09/01/2015 to 08/31/2016				
	Add Item 00580 as follows:				
	Non actual time plicity gravitates tot				
00580	NSF-Antactica Fixed Wing Flight Services-1st Funding Installment 2015-2016				(b) (4)
	Requisition No: 0040243031				
	The Contractor shall provide fixed wing flight ser the research activities of the United States Anata				upport of
	the research activities of the onited states Anata		100	Iam (USAF).	
	Add Item 00590 as follows:				
00590	CLIN A5 (b) (4) -Funding 2015-2016				(b)(4)
	Obligated Amount: (b) (4)				
	Requisition No: 0040243032				
	The contractor shall provide (b) (4)				for
	the 2015-2016 Antarctic Season per the contract, C	LIN A5			101
	L ,				
		1	1		

PAGE

2

OF

2