SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS

OFFEROR TO COMPLETE BLOCKS 12. 17. 23. 24. & 30

1. REQUISITION NUMBER

2. CONTRACT NO. GS35F0595K

3. AWARD/EFFECTIVE DATE 15 JUL 2004

4. ORDER NUMBER FA9300-04-F-J010

5. SOLICITATION NUMBER

6. SOLICITATION ISSUE DATE

7. FOR SOLICITATION INFORMATION CALL: a. NAME

b. TELEPHONE NUMBER *(No collect calls)*

8. OFFER DUE DATE/ LOCAL TIME

9. ISSUED BY AFFTC/PKDD CODE FA9300

DIRECTORATE OF CONTRACTING
5 SOUTH WOLFE AVE, BLDG 2800
EDWARDS AFB CA 93524-1185
RONDA M. SATORI 6612778317
ronda.satori@edwards.af.mil

10. THIS ACQUISITION IS
- [ ] UNRESTRICTED
- [ ] SET ASIDE: % FOR
  - [x] SMALL BUSINESS
  - [ ] HUBZONE SMALL BUSINESS
- [ ] 8(A)

NAICS:
SIZE STANDARD:

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED
- [ ] SEE SCHEDULE

12. DISCOUNT TERMS N

- [x] 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)

13b. RATING DO-A7

14. METHOD OF SOLICITATION
- [ ] RFQ [ ] IFB [ ] RFP

15. DELIVER TO CODE

SEE Schedule

16. ADMINISTERED BY CODE FA9300

AFFTC/PK
DIRECTORATE OF CONTRACTING
5 SOUTH WOLFE AVE. BLDG. 2800
EDWARDS AFB, CA 93524-1185

SCD: C PAS: (NONE)

17a. CONTRACTOR/ OFFEROR CODE 0YZW5 FACILITY CODE

ABBA TECHNOLOGIES
1501 SANPEDRO, NE
ALBUQUERQUE NM 87110-6731
(505) 889-3337

TELEPHONE NO.

- [ ] 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18a. PAYMENT WILL BE MADE BY CODE 503000

DFAS-BVFD/DY
P.O. BOX 369024
COLUMBUS, OHIO 43218-9024

DISTRIBUTED
JUL 19 2004 KK

18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED [x] SEE ADDENDUM

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	GS-35F-0595K *(Attach Additional Sheets as Necessary)*				

25. ACCOUNTING AND APPROPRIATION DATA
See Schedule

26 TOTAL AWARD AMOUNT *(For Govt. Use Only)*
$754,856.80

- [ ] 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED.
- [ ] 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED.

28. [ ] CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN ____ COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.

29. [ ] AWARD OF CONTRACT: REF. ____ OFFER DATED ____. YOUR OFFER ON SOLICITATION (BLOCK 5) ____ INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS: SEE CONTINUATION.

30a. SIGNATURE OF OFFEROR/CONTRACTOR

31a. UNITED STATES OF AMERICA *(SIGNATURE OF CONTRACTING OFFICER)*

30b. NAME AND TITLE OF SIGNER (Type or print)

30c. DATE SIGNED

31b. NAME OF CONTRACTING OFFICER (Type or print)
SENAH N. WILLIAMS

31c. DATE SIGNED 15 Jul 04

32a. QUANTITY IN COLUMN 21 HAS BEEN
[ ] RECEIVED [ ] INSPECTED [ ] ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED ____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32c. DATE

32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER [ ] PARTIAL [ ] FINAL

34. VOUCHER NUMBER

35. AMT VERIFIED CORRECT FOR

36. PAYMENT [ ] COMPLETE [ ] PARTIAL [ ] FINAL

37. CHECK NUMBER

38. S/R ACCT NUMBER

39. S/R VOUCHER NUMBER

40. PAID BY

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT

41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER

41c. DATE

42a. RECEIVED BY (Print)

42b. RECEIVED AT *(Location)*

42c. DATE REC'D *(YY/MMM/DD)*

42d. TOTAL CONTAINERS

Block 18b Invoice Address:
15

FAR 52.219-14, Limitations on Subcontracting applies to this order.

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
C7 Shelf, 20 Slots-CO Package			
0001		14 Each	$1,445.84 $20,241.76
	Noun: PN 000-00045		
	ACRN: AA		
	PR/MIPR: F4LMCA04002700		$20,241.76
	NSN: N - Not Applicable		
	Contract type: J - FIRM FIXED PRICE		
	Inspection: DESTINATION		
	Acceptance: DESTINATION		
	FOB: DESTINATION		
	Descriptive Data: C7 Shelf, 20 Slots-CO Package (C7 Shelf fan tray/filter)		
Admistration & Maintenance Processor			
0002		13 Each	$934.04 $12,142.52
	Noun: 100-00016		
	ACRN: AA		
	PR/MIPR: F4LMCA04002700		$12,142.52
	NSN: N - Not Applicable		
	Contract type: J - FIRM FIXED PRICE		
	Inspection: DESTINATION		
	Acceptance: DESTINATION		
	FOB: DESTINATION		
	Descriptive Data: Admistration & Maintenance Processor		
OC-3, 4 Ports Packet/SONET, IR 1310nm			
0003		23 Each	$6,819.74 $156,854.02
	Noun: 100-00018		
	ACRN: AA		
	PR/MIPR: F4LMCA04002700		$156,854.02
	NSN: N - Not Applicable		
	Contract type: J - FIRM FIXED PRICE		
	Inspection: DESTINATION		
	Acceptance: DESTINATION		
	FOB: DESTINATION		
	Descriptive Data: OC-3, 4 Ports Packet/SONET, IR 1310nm		

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
OC 12 4 Ports, Packet/SONET Ir 1310nm			
0004		2 Each	$6,819.74 $13,639.48

Noun: 100-00019
ACRN: AA
PR/MIPR: F4LMCA04002700 $13,639.48
NSN: N - Not Applicable
Contract type: J - FIRM FIXED PRICE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: DESTINATION
Descriptive Data:
OC 12 4 Ports, Packet/SONET Ir 1310nm

0005		7 Each	$678.14 $4,746.98

Noun: 100-00049 Circuit Breaker Panel
ACRN: AA
PR/MIPR: F4LMCA04002700 $4,746.98
NSN: N - Not Applicable
Contract type: J - FIRM FIXED PRICE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: DESTINATION
Descriptive Data:
100-00049 Circuit Breaker Panel

0006		9 Each	$5,113.74 $46,023.66

Noun: 100-00054 10/100 Ethernet, 12 Ports, Sonet Mapped
ACRN: AA
PR/MIPR: F4LMCA04002700 $46,023.66
NSN: N - Not Applicable
Contract type: J - FIRM FIXED PRICE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: DESTINATION
Descriptive Data:

100-00054	10/100 Ethernet, 12 Ports, Sonet Mapped

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
0007		8	$8,525.74
		Each	$68,205.92
	Noun: 100-00055	Gigabit Ethernet, 4 ports, Sonet Mapped	
	ACRN: AA		
	PR/MIPR: F4LMCA04002700		$68,205.92
	NSN: N - Not Applicable		
	Contract type: J - FIRM FIXED PRICE		
	Inspection: DESTINATION		
	Acceptance: DESTINATION		
	FOB: DESTINATION		
	Descriptive Data:		
	100-00055 Gigabit Ethernet, 4 ports, Sonet Mapped		
0008		4	$4,516.64
		Each	$18,066.56
	Noun: 100-00075	OC3, 4 ports, SONET IR 1310 nm	
	ACRN: AA		
	PR/MIPR: F4LMCA04002700		$18,066.56
	NSN: N - Not Applicable		
	Contract type: J - FIRM FIXED PRICE		
	Inspection: DESTINATION		
	Acceptance: DESTINATION		
	FOB: DESTINATION		
	Descriptive Data:		
	100-00075 OC3, 4 ports, SONET IR 1310 nm		
0009		36	$6,819.74
		Each	$245,510.64
	Noun: 100-00085	OC48 1 Port Packet/SONET IR 1310 nm	
	ACRN: AA		
	PR/MIPR: F4LMCA04002700		$245,510.64
	NSN: N - Not Applicable		
	Contract type: J - FIRM FIXED PRICE		
	Inspection: DESTINATION		
	Acceptance: DESTINATION		
	FOB: DESTINATION		
	Descriptive Data:		
	100-00085 OC48 1 Port Packet/SONET IR 1310 nm		

ITEM	SUPPLIES OR SERVICES		Qty Purch Unit	Unit Price Total Item Amount
0010			5	$2,042.94
			Each	$10,214.70
	Noun:	100-00143	T1 6 Ports	
	ACRN:	AA		
	PR/MIPR:	F4LMCA04002700		$10,214.70
	NSN:	N - Not Applicable		
	Contract type:	J - FIRM FIXED PRICE		
	Inspection:	DESTINATION		
	Acceptance:	DESTINATION		
	FOB:	DESTINATION		
	Descriptive Data:			
	100-00143	T1 6 Ports		
0011			10	$251.64
			Each	$2,516.40
	Noun:	100-00159	Gigabit Ethernet Transceiver Module (SFP) MM 850nm SX	
	ACRN:	AA		
	PR/MIPR:	F4LMCA04002700		$2,516.40
	NSN:	N - Not Applicable		
	Contract type:	J - FIRM FIXED PRICE		
	Inspection:	DESTINATION		
	Acceptance:	DESTINATION		
	FOB:	DESTINATION		
	Descriptive Data:			
	100-00159	Gigabit Ethernet Transceiver Module (SFP) MM 850nm SX		
0012			10	$507.54
			Each	$5,075.40
	Noun:	100-00160	Gigabit Ethernet Tranceiver Module (SFP) MM 1310nm LX	
	ACRN:	AA		
	PR/MIPR:	F4LMCA04002700		$5,075.40
	NSN:	N - Not Applicable		
	Contract type:	J - FIRM FIXED PRICE		
	Inspection:	DESTINATION		
	Acceptance:	DESTINATION		
	FOB:	DESTINATION		
	Descriptive Data:			
	100-00160	Gigabit Ethernet Tranceiver Module (SFP) MM 1310nm LX		

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
0013		12	N
		Each	N
	Noun: 100-00170	C& Embedded System Release 3.0	
	ACRN: AA		
	NSN: N - Not Applicable		
	Contract type: J - FIRM FIXED PRICE		
	Inspection: DESTINATION		
	Acceptance: DESTINATION		
	FOB: DESTINATION		
	Descriptive Data:		
	100-00170 C& Embedded System Release 3.0		
0014		30	$2,554.74
		Each	$76,642.20
	Noun: 100-00180	Resource & Arbitration processor	
	ACRN: AA		
	PR/MIPR: F4LMCA04003800	$39,820.09	
	F4LMCA04002700	$36,822.11	
	NSN: N - Not Applicable		
	Contract type: J - FIRM FIXED PRICE		
	Inspection: DESTINATION		
	Acceptance: DESTINATION		
	FOB: DESTINATION		
	Descriptive Data:		
	100-00180 Resource & Arbitration processor		
0015		10	$422.24
		Each	$4,222.40
	Noun: 100-00215	Ethernet Interface Adapter 12 Rj45 Connections 1 Slot	
	ACRN: AA		
	PR/MIPR: F4LMCA04003800	$4,222.40	
	NSN: N - Not Applicable		
	Contract type: J - FIRM FIXED PRICE		
	Inspection: DESTINATION		
	Acceptance: DESTINATION		
	FOB: DESTINATION		
	Descriptive Data:		
	100-00215 Ethernet Interface Adapter 12 Rj45 Connections 1 Slot		

ITEM	SUPPLIES OR SERVICES		Qty Purch Unit	Unit Price Total Item Amount
0016			2	$4,687.24
			Each	$9,374.48
	Noun:	100-00413	DS3, 4 ports, Packet	
	ACRN:	AA		
	PR/MIPR:	F4LMCA04003800		$9,374.48
	NSN:	N - Not Applicable		
	Contract type:	J - FIRM FIXED PRICE		
	Inspection:	DESTINATION		
	Acceptance:	DESTINATION		
	FOB:	DESTINATION		
	Descriptive Data:			
	100-00413	DS3, 4 ports, Packet		
0017			5	$422.24
			Each	$2,111.20
	Noun:	100-00428	Coaxial Interface Adapter, 4 SMB Connections, 1 Slot	
	ACRN:	AA		
	PR/MIPR:	F4LMCA04003800		$2,111.20
	NSN:	N - Not Applicable		
	Contract type:	J - FIRM FIXED PRICE		
	Inspection:	DESTINATION		
	Acceptance:	DESTINATION		
	FOB:	DESTINATION		
	Descriptive Data:			
	100-00428	Coaxial Interface Adapter, 4 SMB Connections, 1 Slot		
0018			2	$8,525.74
			Each	$17,051.48
	Noun:	100-00430	OC48 1Port Packet/SONET LR 1550nm I-Temp	
	ACRN:	AA		
	PR/MIPR:	F4LMCA04003800		$17,051.48
	NSN:	N - Not Applicable		
	Contract type:	J - FIRM FIXED PRICE		
	Inspection:	DESTINATION		
	Acceptance:	DESTINATION		
	FOB:	DESTINATION		
	Descriptive Data:			
	100-00430	OC48 1Port Packet/SONET LR 1550nm I-Temp		

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
0019		2	$8,188.80
		Each	$16,377.60

Noun: 110-00079 Introduction to the Calix C7
ACRN: AA
PR/MIPR: F4LMCA04003800 $16,377.60
NSN: N - Not Applicable
Contract type: J - FIRM FIXED PRICE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: DESTINATION
Descriptive Data:

110-00079	Introduction to the Calix C7

0020	2	$12,919.70
	Each	$25,839.40

Noun: 1000-00250 IP RESOURCE CARD
ACRN: AA
PR/MIPR: F4LMCA04002700 $25,839.40
NSN: N - Not Applicable
Contract type: J - FIRM FIXED PRICE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: DESTINATION
Descriptive Data:
1000-00250 IP RESOURCE CARD

0021	1	N
	Each	N

Noun: 100-00291 C7 EMBEDDED SYSTEM RELEASE 2.1
ACRN: AA
NSN: N - Not Applicable
Contract type: J - FIRM FIXED PRICE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: DESTINATION
Descriptive Data:
100-00291 C7 EMBEDDED SYSTEM RELEASE 2.1

ITEM	SUPPLIES SCHEDULE DATA	QTY	SHIP TO	MARK FOR	TRANS PRI	DATE
0001		14	JM1535	JM1535		16 Aug 2004
	Noun:	PN 000-00045				
	ACRN:	AA				
	Descriptive Data:					
	Deliver all CLINs to:					
	BLDA 1400 RM 413					
	LMCA/MHU					
	307 E. Popson Ave					
	Edwards AFB. CA 93524					
0002		13	JM1535			16 Aug 2004
	Noun:	100-00016				
	ACRN:	AA				
0003		23	JM1535			16 Aug 2004
	Noun:	100-00018				
	ACRN:	AA				
0004		2	JM1535			16 Aug 2004
	Noun:	100-00019				
	ACRN:	AA				
0005		7	JM1535			16 Aug 2004
	Noun:	100-00049 Circuit Breaker Panel				
	ACRN:	AA				
0006		9	JM1535			16 Aug 2004
	Noun:	100-00054 10/100 Ethernet, 12 Ports, Sonet Mapped				
	ACRN:	AA				
0007		8	JM1535			16 Aug 2004
	Noun:	100-00055 Gigabit Ethernet, 4 ports, Sonet Mapped				
	ACRN:	AA				

ITEM	SUPPLIES SCHEDULE DATA	QTY	SHIP TO	MARK FOR	TRANS PRI	DATE
0008		4	JM1535			16 Aug 2004
	Noun:	100-00075 1310 nm		OC3, 4 ports, SONET IR		
	ACRN:	AA				
0009		36	JM1535			16 Aug 2004
	Noun:	100-00085 OC48 1 Port Packet/SONET IR 1310 nm				
	ACRN:	AA				
0010		5	JM1535			16 Aug 2004
	Noun:	100-00143 T1 6 Ports				
	ACRN:	AA				
0011		10	JM1535			16 Aug 2004
	Noun:	100-00159 Gigabit Ethernet Transceiver Module (SFP) MM 850nm SX				
	ACRN:	AA				
0012		10	JM1535			16 Aug 2004
	Noun:	100-00160 Gigabit Ethernet Tranceiver Module (SFP) MM 1310nm LX				
	ACRN:	AA				
0013		12	JM1535			16 Aug 2004
	Noun:	100-00170 C& Embedded System Release 3.0				
	ACRN:	AA				
0014		30	JM1535			16 Aug 2004
	Noun:	100-00180 Resource & Arbitration processor				
	ACRN:	AA				
0015		10	JM1535			16 Jul 2004
	Noun:	100-00215 Ethernet Interface Adapter 12 Rj45 Connections 1 Slot				
	ACRN:	AA				

ITEM	SUPPLIES SCHEDULE DATA	QTY	SHIP TO	MARK FOR	TRANS PRI	DATE
0016		2	JM1535			16 Aug 2004
	Noun:	100-00413 DS3, 4 ports, Packet				
	ACRN:	AA				
0017		5	JM1535			16 Jul 2004
	Noun:	100-00428 Coaxial Interface Adapter, 4 SMB Connections, 1 Slot				
	ACRN:	AA				
0018		2	JM1535			16 Aug 2004
	Noun:	100-00430 OC48 1Port Packet/SONET LR 1550nm I-Temp				
	ACRN:	AA				
0019		2	JM1535			16 Aug 2004
	Noun:	110-00079 Introduction to the Calix C7				
	ACRN:	AA				
0020		2	JM1535			16 Aug 2004
	Noun:	1000-00250 IP RESOURCE CARD				
	ACRN:	AA				
0021		1	JM1535			16 Aug 2004
	Noun:	100-00291 C7 EMBEDDED SYSTEM RELEASE 2.1				
	ACRN:	AA				

ACRN	Appropriation/Lmt Subhead/Supplemental Accounting Data			Obligation Amount
AA				$754,856.80
	57 43600 294 4712 696997 7T6700 63900 000000 503000 F03000			
	Funding breakdown:	On CLIN 0001:	$20,241.76	
		On CLIN 0002:	$12,142.52	
		On CLIN 0003:	$156,854.02	
		On CLIN 0004:	$13,639.48	
		On CLIN 0005:	$4,746.98	
		On CLIN 0006:	$46,023.66	
		On CLIN 0007:	$68,205.92	
		On CLIN 0008:	$18,066.56	
		On CLIN 0009:	$245,510.64	
		On CLIN 0010:	$10,214.70	
		On CLIN 0011:	$2,516.40	
		On CLIN 0012:	$5,075.40	
		On CLIN 0013:	$0.00	
		On CLIN 0014:	$76,642.20	
		On CLIN 0015:	$4,222.40	
		On CLIN 0016:	$9,374.48	
		On CLIN 0017:	$2,111.20	
		On CLIN 0018:	$17,051.48	
		On CLIN 0019:	$16,377.60	
		On CLIN 0020:	$25,839.40	
		On CLIN 0021:	$0.00	
	PR/MIPR:	F4LMCA04002700	$665,899.55	
		F4LMCA04003800	$88,957.25	