

This is a combined synopsis/solicitation for commercial items prepared in accordance with the format in FAR Parts 12 and 13 as supplemented with additional information included in this notice. This announcement constitutes the only solicitation on FedBizOpps; quotes are being requested and a written solicitation will not be issued.

Solicitation FA4620-08-Q-A081 is issued as a request for quote, utilizing Simplified Acquisition Procedures in FAR Part 13. The solicitation document and incorporated provisions and clauses are those in effect through Federal Acquisition Circular 2005-26. The North American Industry Classification System Code (NAICS) is 334512. Small business size standard is 500 employees. This acquisition is 100% small business set-aside. Unit Small Business Specialist is Marion Nelson (509-247-4880); link to USAF Small Business, <http://www.selltoairforce.org>; link to SBA <http://sba.gov>. Fairchild AFB has a requirement designed to extend and repair the existing base wide EMCS system. Part 3 of the EMCS upgrade consists of 2 projects; GJKZ 07-0087A and GJKZ 07-0087B. The planned location for all items is detailed in Attachment 2, Project Description. Project GJKZ 07-0087A is an extension of Fairchild's EMCS and consists of the installation of new EMCS hardware points and replacement of other EMCS hardware points in BLDGS 1, 3, 610, 2005, 2007, 2071, 2075, and 2163. Gas, water, and electrical meters will also be installed in these facilities, and also in buildings 2050 and 2163. Project GJKZ07-0087B, Repair Base wide EMCS, consists of replacement of existing EMCS hardware points in buildings 1, 3, 610, 2005, 2007, 2071 and 2075. This installation shall be completely based on the latest version of ANSI/ASHRAE Standard 135, BACnet. This system is to control all mechanical equipment, including all unitary equipment such as VAV boxes, heat pumps, fan-coils, AC units, and all air handlers, boilers, chillers, and any other listed equipment using native BACnet-compliant components. Non-BACnet-compliant or proprietary equipment or systems (including gateways) shall not be acceptable and are specifically prohibited. Award may consist of Project GJKZ 07-0087A only, or both projects combined.

**Government's required completion date is no later than 275 calendar days after award.**

Work shall be performed in accordance with the attached Project Description, Attachment 2, Controller/System Specifications, Attachment 3, Point Locations, and Attachment 4, using Facility Drawings, Attachment 5, and components that meet EMCS Salient Characteristics, Attachment 6. **Questions on this solicitation may be asked until 19 September 2008.**

**Quotes are due no later than 24 September 2008 at 1:00 PM Pacific Daylight Savings Time.**

Upon award, payment for delivered goods will be through Wide Area Workflow.

**The following FAR provisions apply to this acquisition:**

FAR 52.252-1 Solicitation Provisions Incorporated by Reference (Feb 1998),  
FAR 52.212-1 Instructions to Offerors – Commercial Items (Jun 2008),  
FAR 52.212-3 Offeror Representations and Certifications – Commercial Items (Jun 2008), with  
Alternate I (Apr 2002),

**52.212-2 -- Evaluation -- Commercial Items. (Jan 1999)**

(a) The Government will award a firm fixed price contract resulting from this solicitation to the responsible offeror whose offer conforming to the solicitation will be most advantageous to the Government, price and other factors considered. The following factors shall be used to evaluate offers: Price, Past Performance, and Technical. Technical will be evaluated on a

go/no-go basis. Price and Past Performance will be considered approximately equal and will only be evaluated for those offerors with an acceptable or reasonably susceptible of being made acceptable technical rating.

The technical evaluation will consist of a review of the manufacturer's specifications for offered parts to ensure salient characteristics for each item on the Pricing Schedule is met.

**The following FAR clauses apply to this acquisition and will be incorporated into any resultant purchase order.**

FAR 52.202-1 Definitions (Jul 2004)

FAR 52.252-2 Clauses Incorporated by Reference (Feb 1998),

FAR 52-204-7 Central Contractor Registration (Apr 2008); with DFARS 252.204-7004 ALT A (Sep 2007) **Note: Lack of registration in the Central Contractor Registration will make an offeror ineligible for award.**

FAR 52.204-9 Personal Identity Verification of Contractor Personnel. (Sep 2007)

FAR 52.209-6 Protecting the Government's Interest when Subcontracting With Contractors Debarred, Suspended or Proposed for Debarment (Sep 2006),

FAR 52.212-4 Contract Terms and Conditions—Commercial Items (Feb 2007);

FAR 52.212-5 Contract Terms and Conditions Required to Implement Statutes or Executive Orders-- Commercial Items (Jun 2008);

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the contracting officer 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 (Sep 2006), with Alternate I (Oct 1995)(41 U.S.C. 253g and 10 U.S.C. 2402).

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

(7) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)).

(9) 52.219-14, Limitations on Subcontracting (Dec 1996)(15 U.S.C. 637(a)(14)).

(15) 52.219-28, Post Award Small Business Program Rerepresentation (June 2007) (15 U.S.C. 632(a)(2)).

(16) 52.222-3, Convict Labor (June 2003)(E.O. 11755).

(17) 52.222-19, Child Labor—Cooperation with Authorities and Remedies (Feb 2008) (E.O. 13126).

(18) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).

(19) 52.222-26, Equal Opportunity (Mar 2007)(E.O. 11246).

(20) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sep 2006)(38 U.S.C. 4212).

(21) 52.222-36, Affirmative Action for Workers with Disabilities (Jun 1998)(29 U.S.C. 793).

(22) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sep 2006)(38 U.S.C. 4212).

(23) 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (Dec 2004) (E.O. 13201).

(24) (i) 52.222-50, Combating Trafficking in Persons (Aug 2007)

X (31) 52.225-13, Restrictions on Certain Foreign Purchases (Jun 2008) (E.O.'s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

X (36) 52.232-33, Payment by Electronic Funds Transfer—Central Contractor Registration (Oct. 2003)(31 U.S.C. 3332).

INSURANCE – WORK ON A GOVERNMENT INSTALLATION (JAN 1997) (IAW FAR 28.306 (b))

(a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance specified below.

1. Workmen's Compensation and Employers Liability Insurance as required by law, except that if this contract is to be performed in a state which does not require or permit private insurance, then compliance with the statutory or administrative requirements in any such State will be satisfactory. The required Workmen's Compensation insurance shall extend to cover employer's liability for accidental bodily injury of death and for occupational disease with a minimum liability limit bodily injury of death and for occupational disease with a minimum liability limit of \$100,000.

2. General Liability Insurance. Bodily injury liability insurance, in the minimum limits of \$500,000 per occurrence shall be required on the comprehensive form of policy.

3. Automobile Liability Insurance. This insurance shall be required on the comprehensive form of policy and shall provide bodily injury liability and property damage liability covering the operation of all automobiles used in connection with the performance of the contract. At Least the minimum limits of \$200,000 per person and \$500,000 per occurrence for bodily injury and \$20,000 per occurrence for property damage shall be required.

(b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective (1) for such period as the laws of the State in which this contract is to be performed prescribe, or (2) until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

(End of clause)

FAR 52.232-17 Interest (Jun 1996)

FAR 52.233-3 Protest After Award (Aug 1996)

FAR 52.233-4 Applicable Laws for Breach of Contract Claims (Oct 2004)

**FAR 52.237-1 Site Visit: A site visit for this solicitation is scheduled for 18 Sep 2008 at 9:00 PM PDT**

FAR 52.247-34 F.O.B. Destination (Nov 1991),

DFAR 252-204-7003 Control of Government Personnel Work Product (Apr 1992),

DFAR 252.212-7001 Contract Terms and Conditions Required to Implement Statutes or Executive Orders Applicable to Defense Acquisitions of Commercial Items (MAR 2008); under para (a), the following clause is incorporated:

DFAR 252.225-7001 Buy American Act and Balance of Payment Program (Jun 2005),  
DFAR 252.232-7003 Electronic Submission of Payment Requests (Mar 2008),  
DFAR 252.247-7023 Transportation of Supplies by Sea (May 2002)  
DFAR 252.247-7024 Notification of Transportation of Supplies by Sea. (Mar 2000)  
DFAR 252.243-7001 Pricing of Contract Modifications (Dec 1991),

AFFARS 5352.201-9101 OMBUDSMAN (10 AUG 2005)

(a) An ombudsman has been appointed to hear and facilitate the resolution of concerns from offerors, potential offerors, and others for this acquisition. When requested, the ombudsman will maintain strict confidentiality as to the source of the concern. The existence of the ombudsman does not affect the authority of the program manager, contracting officer, or source selection official. Further, the ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of protests or formal contract disputes. The ombudsman may refer the party to another official who can resolve the concern.

(b) Before consulting with an ombudsman, interested parties must first address their concerns, issues, disagreements, and/or recommendations to the contracting officer for resolution. Consulting an ombudsman does not alter or postpone the timelines for any other processes (e.g., agency level bid protests, GAO bid protests, requests for debriefings, employee-employer actions, contests of OMBC A-76 competition performance decisions).

(c) If resolution cannot be made by the contracting officer, concerned parties may contact the Center/MAJCOM ombudsmen, Mr. Michael R. Jackson, HQ AMC/A7K, 507 Symington Drive, Scott AFB IL 62225-5022, (618) 229-0267, fax (618) 256-6668, email: [Michael.jackson@scott.af.mil](mailto:Michael.jackson@scott.af.mil). Concerns, issues, disagreements, and recommendations that cannot be resolved at the MAJCOM/DRU level, may be brought by the concerned party for further consideration to the Air Force ombudsman, Associate Deputy Assistant Secretary (ADAS) (Contracting), SAF/AQC, 1060 Air Force Pentagon, Washington DC 20330-1060, phone number (703) 588-7004, facsimile number (703) 588-1067.

(d) The ombudsman has no authority to render a decision that binds the agency.

(e) Do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the Contracting Officer.

AFFARS 5352.223-9001 Health and Safety on Government Installations (Jun 1997)

#### **5352.242-9000 Contractor Access to Air Force Installations.**

CONTRACTOR ACCESS TO AIR FORCE INSTALLATIONS (JUNE 2002)

- (a) Contractors requiring one-day base access for site visits, meetings, or other events, must provide their sponsor with their name, date of birth, and social security number prior to requesting access to allow for a wants and warrants check to be performed.
- (b) Prior to contract performance, the contractor shall obtain base identification and

- vehicle passes for all contractor and subcontractor personnel who make frequent visits to or perform work on the Air Force installation(s) cited in the contract. All contractor employees requesting base passes will be subject to a criminal background check. The Government reserves the right to deny issuing a contractor pass based upon information obtained from the background check. Contractor and subcontractor personnel are required to wear or prominently display installation identification badges or contractor-furnished, contractor identification badges while visiting or performing work on the installation. In accordance with Air Force Instruction (AFI) 31-201(I), only "hands-free" communication devices are authorized to be used while driving on the base proper.
- (c) The prime contractor shall designate, in writing authorized representatives who shall be responsible for initiating passes for their employees.
  - (d) Each individual requiring base access must obtain a Contractor Identification Card, Fairchild Air Force Base (FAFBI) Form 225 and/or an AF Form 75, Vehicle/Visitor Pass. To obtain a vehicle pass, individuals are required to provide a valid driver's license, current vehicle registration, and current vehicle insurance certificate. The representative's signature on the base pass application shall be certification that the individual requires base access and has met and completed all applicable employment requirements (i.e. U.S. Department of Justice, Immigration and Naturalization Service Form I-9, Employment Eligibility Verification).
  - (e) The completed application will be hand-carried by an authorized contractor representative to the Contracting Office for signature. The signed application will then be hand-carried to the Security Forces Law Enforcement Desk. Allow up to 48 hours for processing.
  - (f) Foreign Nationals requiring base access are required to provide the following information to the Foreign Disclosure Officer (FDO) for Wing Commander approval at least 16 days prior to access.
    - 1) Personal data (full name, date of birth, include passport number, visa number, green card number, any type of personal identifying number if applicable, country coming from, and dates of visit); 2) sponsor information (name, rank, squadron, phone numbers (home and office)); 3) on-base locations to be visited (home address if sponsor lives on base). Under no circumstances will a foreign national from a country verified to be listed on the National Security Threat List (NSTL) be allowed access.
  - (g) When work under this contract requires entry to control or restricted areas, the contractor shall comply with FAFBI 31-101, the FAFB Installation Security Program (Chapters 8 and 9), and AFI 31-501, Personnel Security Program Management, as applicable. These publications may be viewed at <http://afpubs.hq.af.mil/>. The government will provide escorts that must accompany contractor personnel in restricted/controlled areas. The government does not allow personal vehicles inside the flight line boundary.
  - (h) The prime contractor shall ensure all individual and vehicle passes issued to employees and subcontractor employees are returned to the issuing office prior to contract completion, termination, or for employees no longer requiring base access. Individuals that do not return passes will be denied future base access until the pass is returned or an affidavit stating loss/destroyed has been submitted.
  - (i) Failure to comply with these requirements may result in withholding the Government's final payment and may reflect negative past performance ratings on the prime contractor.
  - (j) Only United States (US) citizens are authorized to work in certain facilities on the installation. If applicable to the requirement, this information will be provided in the Performance Work Statement (PWS), Specifications, or Statement of Objective. (SOO).

(End of clause)

## BASE ACCESS PROCEDURES

1. All security requirements and procedures shall be coordinated with the 92d Security Forces Squadron, Fairchild AFB (FAFB). Any traffic diversions or road closures will be coordinated with 92 SFS/S3, Bldg 2071, five (5) days prior to the diversion or closure. All activities of the contractor and his employees and subcontractors and their employees while on base shall be conducted in strict accordance with all base regulations, including those of the fire Marshall as well as applicable security directives.
2. All contractor employees entering FAFB in the performance of this contract shall be issued a FAFB Form 225, Contractor Badge, for identification purposes. This identification shall be readily accessible at all times within the confines of FAFB. If an employee is dismissed from employment, resigns, or if there is no longer a contractual requirement for the employee to enter FAFB, the contract's project manager or alternate shall ensure that the FAFB Form 225 and any other identification, i.e., vehicle passes, issued to the employee are expeditiously returned to the 92d Contracting Squadron prior to final payment. If all identification is not returned, a portion of the final payment (to be determined by the Contracting Officer) may be withheld pending its submission.
3. At the Pre-performance/Post Award Conference, the contractor will be issued sufficient blank applications for issuance of the FAFB Form 225. These applications are to be completed by typewriter or legibly in ink. Attach a front and back copy of your state driver's license to the application. The applications, when completed, shall be hand carried to the Contracting Officer for signature. After signature by the Contracting officer (or representative thereof), contractor employees shall hand carry the applications to the Security Forces Administration and Reports Branch (92 SFS/S5), Bldg. 2071, FAFB. The Administration and Reports Branch will process the applications as follows: Non-Flightline Passes, three (3) working days; Flightline Passes, five (5) working days. Upon processing, the Administration and Reports Branch will forward the pass application to the Security Forces Pass and Identification Section (92 SFS/S5B), Bldg. 4325, to accomplish photographs of contractor personnel and issuance of the FAFB Form 225.
4. Contractor identification cards will be issued for the performance period of the contract only, or for 1 year, whichever is the shorter period of time. Passes for contractor personnel where the performance period extends beyond 1 year, or where the contract is extended beyond the original scheduled completion date, will have to be reissued. Procedures for reissue will be the same as for the original issue.
5. Contractor personnel will be made aware by the Contracting Office and the contractor's project manager of the necessity for safeguarding identification cards issued and the requirement for reporting any identification cards lost.
6. The 92 Security Forces Squadron (92 SFS) no longer issues temporary five-day passes while personnel are awaiting the completion of background checks required for permanent passes. The 92 SFS will not issue a permanent pass until completion of the applicant's background check.
  - a. Each individual requiring a Contractor Badge must complete a Request for Issuance of Base Pass form. The completed application and a copy of the applicant's picture ID will be hand-carried by the prime contractor's Superintendent (or other person approved by the Contracting Officer) to the Contracting Office for signature. Once signed by the Contracting Office, the application will be hand-carried to the 92 SFS/S5 (Building 2071) where a Wants and Warrants check will be processed on the applicant. Allow up to 72 hours for processing by Security Forces.

b. 92 Contracting personnel will verify the need for an immediate pass and mark the application with "Immediate Processing Requested." Contracting will annotate this statement with a signature block stamp. 92 SFS personnel will work these passes as soon as possible depending on current operations.

c. When processing is completed, the form will be forwarded to Pass and Registration where the applicant will appear in-person to have the pass issued.

d. Personnel requesting passes during a verifiable weekend or after-hours emergency situation will receive a temporary pass for a limited time frame (i.e. 1700/Friday until 0800/Monday). The 92 SFS will issue these passes only after the completion of the required background check.

7. 92 SFS installation entry controllers will check all contractor personnel for their pass during installation entry.

a. Fairchild entry controllers will direct contractor personnel without passes to Pass and Registration for pass verification.

b. If contractor personnel do not have their pass with them, 92 SFS personnel will direct the contractor to Pass and Registration in order to verify issuance of a pass. If the contractor has a valid pass issued, they may proceed onto the installation. Pass and Registration personnel will confirm pass status with the entry controller.

c. Personnel who do not have a pass issued will not be allowed to enter the installation until 92 SFS issues a permanent pass.

8. Contractors are allowed to identify, in writing to the Contracting Office, up to 3 on-site contractor representatives who may vouch 1-day deliveries and services to a job site. The representative must proceed to the gate and escort the delivery to and from the work site. All other short duration personnel shall be vouched on by the Contracting Office. Contractors must provide written notification to the appropriate Contracting Officer of any "temporary" personnel who require access to Fairchild. The notification must include the name, social security number, date of birth and driver's license or state identification number of the temporary worker. It must also state how long the worker will require access to the base.

9. Contractors are reminded that vehicles cannot be left parked at the Front (Main) Gate area. This area is 30 minute parking only. If you have employees who cannot drive on base (lack of insurance, registration, suspended license, etc.) they must park at an off-base location and ride with another employee.

10. Vendors and delivery vehicles: For vendors and personnel driving delivery vehicles, the contractor shall furnish rosters to the Contracting Officer and Security Forces Police Services Superintendent 48 hours in advance of required access to the base if there are no designated representatives with vouching authority. When time does not permit, the contractor shall contact the Police Services Superintendent's office at (509) 247-5988 with the name of the delivery vehicle driver, name of company, and approximately what time, date, and number of vehicles that require entry to the base. In addition, the contractor shall provide the Police Services Superintendent with a telephone call back number for verification of the delivery information provided.

11. Commercial and company vehicles will be allowed access to the base, provided company emblems are attached to the sides of the vehicles and operators present required identification credentials as described herein.

12. All commercial vehicles will enter the installation via the Rambo Road gate, Monday through Friday, 0600 through 1700. At all other times they will enter through the main gate. Search teams and/or military narcotic and explosive working dogs will search all commercial vehicles.

13. The prime contractor is responsible to retrieve identification credentials/vehicle passes from personnel who no longer need them, i.e., quit work, fired, contract ended, etc. The final payment can be withheld if credentials are not returned.

14. Any questions should be directed to your respective Contracting Officer.

Revised - 7 Dec 2007.

## **HAZARDOUS MATERIAL**

Definition of Hazardous Material: In accordance with AFI 32-7086, Hazardous Materials Management, a hazardous material includes all items covered under Emergency Planning and Community Right to Know Act (EPCRA) tracking requirements, the OSHA HAZCOM standard, and all Class I and II ODSs.

A. The Contractor shall be responsible for the proper storage, management, and disposal of any hazardous material brought on Base.

1. For any single hazardous material stored on-site in a quantity equal to or exceeding 55-gallons at any time, the contractor shall provide secondary containment for the entire quantity of that hazardous material.

2. Hazardous material shall be stored within a fenced, locked secure area not accessible to the base populace after hours.

3. All containers of hazardous material shall be clearly and properly labeled; closed when not in use; and stored in an upright, secure position.

4. No hazardous material shall be left on-site at the end of a project. Any touch-up material to be provided to the user shall have prior item specific approval from the base hazardous material management program.

B. The Contractor shall submit to the Contracting Officer prior to start of physical work, a Contractor Hazardous Material Work Sheet (see attached) and corresponding Material Safety Data Sheet (MSDS) for each hazardous material to be brought onto the base during the performance of the contract. This work sheet and an MSDS shall be completed for each and every HAZMAT to be used by the Prime Contractor and all subcontractors.

C. If during the course of the contract, items not previously identified are to be brought on the base, the Contractor shall submit a Work Sheet and MSDS for approval prior to bringing the HAZMAT onto the base.

D. At the end of the contract, the Contractor shall submit to the Contracting Officer the quantities of each hazardous material actually used on the base during the contract utilizing and annotating the government-provided chemical authorization list. A copy of the authorization list can be obtained from 92 CES/CEVP. If a project covers more than one calendar year, the approximate quantity of each hazardous material used during the calendar year shall be submitted to the Contracting Officer at least 30-days prior to the end of each calendar year.

**9. Proposal Submissions: Proposals are due 24 Sep 2008 by 1:00PM PDT.** Quotes may be faxed in accordance with FAR 52.214-31, Facsimile Bids (Dec 1989) to Edward Campbell at (509) 247-8685 or emailed to [edward.campbell-02@fairchild.af.mil](mailto:edward.campbell-02@fairchild.af.mil), or mailed to 110 W. Ent St. Suite 200, Fairchild AFB, WA 99011-8568. Mr. Campbell can be reached at (509) 247-2237, secondary POC is Staci Ramrakha, (509) 247-3859.

**Proposals shall include the following nine (9) Items**

- 1) Price Schedule (Attachment 1).** Offerors shall include the manufacturer and part number of items proposed.
- 2) Completed Representations and Certifications** as required in FAR 52.212-3 with Alt 1 (accessible at the Air Force Site, <http://farsite.hill.af.mil>).
- 3) Technical Proposal:** To establish technical acceptability, the offeror shall provide manufacturer's specifications and other documentation to the extent that the government can ensure the parts offered meet the salient characteristics for each individual piece of equipment in each offer.
- 4) Past Performance:** Each offer shall describe and provide references for 3 recent projects of similar complexity to this project, preferably within 100 miles of Fairchild AFB.
- 5) Warranty:** Each offer shall describe warranty terms and conditions
- 6) Delivery:** Each offer shall include documentation that the offeror understands and accepts the governments required delivery date of a complete system, including commissioning, within 275 days from date of award.
- 7) IATO/CTO:** Each offer shall provide a plan to obtain an IATO and CTO, including cost as a separate line item. Note that an IATO/CTO need only be accomplished once. If a current IATO/CTO exists for the installed equipment then it need not be duplicated. There is a potential for the IATO or CTO not to be awarded as part of this solicitation.
- 8) Software:** Software licensing agreement
- 9) Technical Support:** Documentation of Local Technical Support

**10. Point of Contact:** Ed Campbell, Contract Specialist, phone (509) 247-2237, e-mail [edward.campbell-02@fairchild.af.mil](mailto:edward.campbell-02@fairchild.af.mil) or Staci Ramrakha, Contracting Officer. Phone (509) 247-3859, e-mail [Staci.Ramrakha@fairchild.af.mil](mailto:Staci.Ramrakha@fairchild.af.mil)

**Attachments:**

- 1) Pricing Schedule
- 2) Technical Description
- 3) Controller/System Specifications
- 4) Point Locations
- 5) Facility Drawings
- 6) EMCS Salient Characteristics
- 7) Wide Area Work Flow Registration Instructions
- 8) Contractor Hazardous Material Authorization and Use Worksheet

Pricing Schedule EMCS Phase 3A

Item	Manufacturer	Part Number	Unit Of Issue	Total Quantity	Unit Price	Extended Amount
Power Supply Module			Each	11		
Ethernet Module			Each	11		
MSTP Controller			Each	2		
BACnet Control Module with Modem			Each	1		
Graphics Publishing Server			Each	1		
11 UI 8 BO 8 AO Controller			Each	13		
16 UI 16 BO Controller			Each	7		
8 UI 5 BO 3 AO Controller			Each	5		
6 UI 5 BO 1 AO Controller			Each	2		
5 UI 5 BO Controller			Each	12		
MSTP Repeater			Each	2		
Duct temp. sensor			Each	155		
Enclosure - medium			Each	16		
Enclosure - small			Each	7		
Transformer assembly enclosure and Power Supply			Each	23		
Current sensing relay, fixed			Each	79		
Power KW hr meter			Each	11		
Gas meter pulse head			Each	9		
Water meter with pulse head			Each	2		
Component Installation			Lump Sum	1		
Interim Authority to Operate & Certificate to Operate			Each	1		
Software Licensing Agreement			Each	1		
Operator Maintenance Training			Lump Sum	1		
System Commissioning			Lump Sum	1		
TOTAL PHASE 3A						

Pricing Schedule EMCA Phase 3B

Item	Manufacturer	Part Number	Unit Of Issue	Total Quantity	Unit Price	Extended Amount
5 UI 5 BO Controller			Each	44		
Single Duct VAV Controller w/actuator			Each	148		
Programmable Thermostat			Each	196		
Programmable Thermostat w/ humidity sensor			Each	1		
Blank SS wall sensor			Each	26		
Duct temp. sensor			Each	41		
Duct averaging temp sensor			Each	10		
Immersion Temp. sensor			Each	29		
Stainless steel immersion well			Each	29		
Outside air temp. sensor			Each	7		
Damper actuator			Each	17		
Valve retrofit kit			Each	12		
NO <sub>2</sub> sensor			Each	2		
					Total Phase 3B	