

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE 1 OF 4 PAGES
2. AMENDMENT/MODIFICATION NO. AMENDMENT NO. 0002		3. EFFECTIVE DATE 08/31/07	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) 02-3467
6. ISSUED BY Resident Officer in Charge of Construction 1005 Michael Road Camp Lejeune, NC 28547-2521		CODE mks	7. ADMINISTERED BY (If other than Item 6) See Item 6	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)			(X)	9A. AMENDMENT OF SOLICITATION NO. N40085-02-R-3467
			X	9B. DATED (SEE ITEM 11) 08/07/07
				10A. MODIFICATION OF CONTRACT/ORDER NO.
				10B. DATED (SEE ITEM 11)
CODE	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
 or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

02-3467, Major Interior/Exterior Repairs, Building 3

1. The Point of Contact (POC) for access to Bldg 3 is 1stLt Gabriela Swanson at 451-8542.

(CONTINUED)

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 print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

CONTINUATION SHEET

2. Provide temporary 6000 btu/hr window unit air conditioners in rooms 230 and 230b. Provide electrical branch circuits for temporary air conditioners. Existing government equipment in rooms 230 and 230b shall remain in operation throughout the construction. Maintain electrical power to rooms 230 and 230b throughout the construction. The remainder of the building will be unoccupied during the construction period. Protect the contents of rooms 230 and 230b from dust throughout the construction period.
3. C4 Detail A1 Change vertical dimension of vault from 5' to 7'. Add note Top of vault shall be 24" above surrounding grade.
4. A-5 Provide R30 fiberglass bat insulation over the second floor ceiling in the attic.
5. P sheets add note: Existing first floor except for area over steam pits slab on grade. Where required to install piping saw cut existing slab and repair existing slab with 6" thick concrete with #4 dowel pins @ 24" along cuts.
6. FP-1 Provide dry pipe sprinkler system for attic. Provide sprinkler heads approved by NFPA for correctional facilities in holding cells. Note 1: delete reference to UFC. Delete note 3 concerning safety margin.
7. M1 Existing fan coil units have outside air grilles that penetrate the exterior wall. Remove grilles, tooth in brick to match existing exterior brick, and fill interior with CMU. Match interior side of exterior walls surface finish texture.
8. M3 Demolish existing steam and condensate pipe from building 3 to steam prv and condensate receiver in steam pit. Provide new underground 2" steam and 1" condensate from turn down in new mechanical room to trench and on to the prv and condensate receiver in the steam pit. Connect new steam to existing prv in steam pit. Connect new condensate to existing condensate receiver in steam pit. Demolish all existing steam and condensate equipment in basement steam room. Provide 500 gal chilled water tank and concrete pad plan north of chiller. Provide underground 3" chilled water supply from mechanical room to chiller. Provide underground 3" chilled water return from mechanical room to chilled water tank. Provide 3" pipe from chilled water tank to chiller.
9. M5, Air handler unit schedule. Reduce the preheat coil capacity to a leaving air temperature of 50F, with an entering of 20F. Provide three way chilled and hot water control valves.

10. M6: Change the steam powered condensate pump from a duplex unit to a single pump. Fan coil schedule lists detail 3/M7, Change to 6/M7. Provide three way chilled and hot water control valves on one third of the fan coils. The remainder to be two way control valves. For all fan coil chilled water flows less than 1 gpm change to 1 gpm. Double hot water flows and increase the leaving hot water temperature to 160 degrees. Heat Transfer Pumping Package. Change flow for each system from 27 gpm to 66 gpm.
11. M9, Fire Damper Detail: add note Provide fire damper type with the curtain out of the air stream.
12. Floor tile removal shall be performed under 13280.
13. 13930: Add contractor shall submit piping and sprinkler layout, supported by hydraulic calculations. 2.7.1: Delete "On-ff type heads ...systems."
14. 15080: Table 1 Delete the use of flexible unicellular for chilled water piping.
15. 15400.2.2.1.1: Delete type M copper.
16. 15400.2.1 Add schedule 40 PVC for waste and vent pipe.
17. 15701.2.1.2; Provide condenser coils that pass 3000 hr salt spray test.
18. 15910 Delete para 2.1.15. Insert new attached wording "Connection to Base Wide EMCS. . ." as new para 2.1.15.

Connection to Base Wide EMCS

The control system specified must interface to and shall be completely incorporated into the Camp Lejeune base wide Energy Management and Control System (EMCS) located in Bldg 24 by the contractor. The contractor is responsible for all work inside the project building. Camp Lejeune will make all modifications to the EMCS servers. All points listed on the Mechanical Drawings, such as; AI, BI, AO, BO, setpoint adjustments, alarms, equipment start/stop schedules and load management shedding objects for mechanical equipment shall communicate via BACNet protocol and be displayed and managed by the Camp Lejeune EMCS server. The Camp Lejeune EMCS system utilizes the Johnson Controls, Inc. Metasys Extended Architecture ADX platform. The contractor shall be responsible for maintaining consistency on object identifier names, descriptions, and graphical presentation of the data.

The contractor shall work with the base energy manager to define the load groups to be incorporated into the EMCS load management program. At a minimum all major mechanical systems shall be incorporated into the load reduction program such as chillers, electric boilers, and air handling unit's. The load reduction program incorporates the base wide demand limiting / load rolling (DLLR) program. The DLLR program limits peak energy usage by monitoring real time energy consumption from six (6) electrical substations serving the base and shedding the appropriate electrical loads to meet target set points. Building DDC supervisory controllers must have the ability to send /receive/ program load shed object information to the EMCS utilizing BACnet/ IP protocol.

The EMCS system resides on a LAN managed by Camp Lejeune Marine Corps Base. This requires all I/P devices connected and utilizing this network to be certified by the Defense Information Systems Agency (DISA), in coordination with the National Security Agency (NSA) and the Services and Agencies throughout the Department of Defense (DoD). The standard process known as DoD Information Technology Security Certification and Accreditation Process (DITSCAP), integrates security directly into the system lifecycle and is applied uniformly across DoD. As part of the DITSCAP process vendors I/P devices must be listed on the EMCS System Security Authorization Agreement (SSAA). This is a living document that provides information related to the certification and accreditation (C&A) of a system in accordance with the DITSCAP. This SSAA is tailored to meet the requirements of the system under review. It also provides the Certification Authority (CA) and the Designated Approving Authority (DAA) or DAA at each echelon with a source document for information on the system. It is a user document to assist in establishing sound security policies and practices. Personnel responsible for the security of the system will be familiar with the contents of this document.

The SSAA must be completed prior to final acceptance of the HVAC controls construction under this section. It is the contractor's responsibility to ensure acceptable equipment is proposed and installed. Final approval of the proposed equipment will not be given until the SSAA is complete and Approval to Operate (ATO) is granted from Marine Corps Base Camp Lejeune DAA. To avoid construction delays early submission is advised as the approval process can be lengthy.