

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			J	1	18
2. AMENDMENT/MODIFICATION NO. 0006	3. EFFECTIVE DATE 09-Jul-2004	4. REQUISITION/PURCHASE REQ. NO. W16ROE-4068-6489		5. PROJECT NO.(If applicable)	
6. ISSUED BY USA ENGINEER DISTRICT, NEW YORK ATTN:CENAN-CT ROOM 1843 26 FEDERAL PLAZA NEW YORK NY 10278	CODE W912DS	7. ADMINISTERED BY (If other than item 6) See Item 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. W912DS-04-R-0010	
			X	9B. DATED (SEE ITEM 11) 03-Jun-2004	
				10A. MOD. OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS		
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended.					
Offer 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 <u>1</u> 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 you 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 APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
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 <input type="checkbox"/> is not, <input type="checkbox"/> 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.) The purpose of this amendment is to: 1) Incorporate questions and answers. Answers are for information purposes only. 2) To correct the Total Base Bid Plus Options FROM Total Base Bid Plus Options (0005-0009) TO Total Base Bid Plus Options (0001-0009). The proposal due date remains unchanged, 19 July 2004 at 2:00pm local time. All other terms and conditions remain unchanged as a result of this amendment. NOTE: Bidders must acknowledge receipt of this amendment by the date specified in the solicitation (or as amended) by one of the following methods: In the space provided on the SF 1442, by separate letter, or by telegram, or by signing the block 15 below. FAILURE TO ACKNOWLEDGE AMENDMENTS BY THE DATE AND TIME SPECIFIED MAY RESULT IN REJECTION OF YOUR BID IN ACCORDANCE WITH THE LATE BID, LATE MODIFICATIONS OF BIDS OR LATE WITHDRAWAL OF BIDS (FAR 14.304)					
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)		
			TEL: _____ EMAIL: _____		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 09-Jul-2004	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

AMENDMENT 6

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001			Dollars, U.S.		
	Base (All buildings, parking, utilities, etc)				
	PURCHASE REQUEST NUMBER: W16ROE-4068-6489				

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2			Dollars, U.S.		
	Design Fee				
	FFP				

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003			Dollars, U.S.	\$90,000	\$90,000

AS-BUILT DRAWINGS PER 00800 SECTION

FOR WSAAF BARRACKS EXPANSION (NO PARTIAL PAYMENTS WILL BE PROVIDED UNTIL FINAL ACCEPTANCE OF THIS ITEM). This amount shall not be changed.

NET AMT

\$90,000

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004			Dollars, U.S.	\$360,000	\$360,000

PROJECT PUNCHLIST

This line applies to all punch list items including those items identified at the prefinal and final inspections and is above the normal retainage for this item. Offerors shall include this amount in the bid price. This amount shall not be changed. *1

*1 This amount shall be retained by the Government in the event contractor fails to complete punch list items. This amount is separate from liquidated damages to be applied in the event contractor fails to complete the work within the time specified in the contract including any extensions.

NET AMT \$360,000

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005			Dollars, U.S.		

OPTION Option #1
FFP
Geothermal for Barracks (May be exercised within 180 days after NTP)
(Also referred to as Option A - Complete Construction of Geothermal at Barracks Buildings in Technical Specifications)

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0006			Dollars, U.S.		

OPTION Option #2
FFP
Water Treatment Plant (May be exercised within 180 days after NTP)
(Also referred to as Option E - Complete Construction of Water Treatment Plant in Technical Specifications)

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0007			Dollars, U.S.		

OPTION Option #3
 FFP
 DFAC Equipment (May be exercised within 180 days after NTP)
 (Also referred to as Option C - Complete Purchase and Install of Dining Facility
 Equipment in Technical Specifications)

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0008			Dollars, U.S.		

OPTION Option #4
 FFP
 DFAC Furniture (May be exercised within 180 days after NTP)
 (Also referred to as Option B - Complete Purchase and Install of Dining Facility
 Furniture in Technical Specifications)

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0009			Dollars, U.S.		

OPTION Option #5
 FFP
 Tear Down Existing Tower (May be exercised within 180 days after NTP)
 (Also referred to as Option D - Decommission Existing Airfield Water Tower in
 Technical Specifications)

NET AMT

TOTAL BASE BID (0001 – 0004) \$ _____

TOTAL BASE BID PLUS OPTIONS (0001-0009) \$ _____

Company Name: Beardsley Design

<u>RFP ref</u>	<u>Question</u>
<u>Submission</u>	
00110 Factor 2 & 01010.3.17.20.1	Please confirm your expectations for 90% “Sealed” Water Tower Drawings and what specifically should be included. Ans: Provide per the RFP.
00110 Factor 2	Will the Government provide independent commissioning, or do we need to retain an independent commissioning agent? Ans: Per RFP, Section 01010, 2.6, UFGS, Division 13- Special Construction, 13210a (superseded by 13209) – independent commissioning is not required for the water tank.
<u>Civil</u>	
01010.3	Has Radon been tested for and if so do we need to adhere to radon requirements? Ans: Yes and provide per RFP drawings.
01010.3	Please confirm that no environmentally hazardous materials are to be expected either in the subsurface soils or existing Hanger Buildings, and therefore no cost for sampling, testing, design or remediation of same is to be included. Ans: No environmentally hazardous materials are expected in the subsurface soils or Hanger Buildings.
01010.3	Is screened gravel acceptable for subbase in lieu of crushed stone? Ans: Provide per RFP to include Section 01010, 13.7.6
01010.3.17	What are the head requirements for the altitude valve? Ans: This is a design/build contract. Contractor is responsible for appropriate calculations and meeting requirements of RFP, Section 01010, 3.17.18.
01010.3.17	Are there any Corp standards for water tank corrosion allowance? Ans: See Amendment #0003.
01010.3.17	Please confirm that no pumping systems are required for the elevated water tank, that existing system is adequate to fill tank. Ans: Existing pumping system is adequate.
<u>Architectural</u>	
01010.5	What is the minimum STC rating for the exterior building envelopes considering the facility is adjacent to an active airfield? Ans: A special minimum STC rating is not required for exterior walls.
<u>Structural</u>	

01010.6 There is a new document, UFC-4-012-06 "Design of Buildings to Resist Progressive Collapse". It was developed to clarify and expand on requirements of UFC 4-010-01 article B-2.1. It now exists in DRAFT form and should be released in final form shortly. Can this document be used as the basis for progressive collapse design on the three story barracks buildings? Will non-linear dynamic analysis of the structure be required as substantiation of meeting progressive collapse requirements? If not what type of analysis will be acceptable?

Ans: Per RFP, 01010, 6.3 "Recommendations made in the codes, specifications and industry standards in this paragraph are the requirements of this RFP, unless specified otherwise in these RFP documents." Design/Build contractor is responsible for meeting minimum requirements of the RFP.

01010.6 Please define the required Level of Protection regarding progressive collapse. (eg Very Low, Low, Medium)

Ans: Per RFP, 01010, 6.3 "Recommendations made in the codes, specifications and industry standards in this paragraph are the requirements of this RFP, unless specified otherwise in these RFP documents." Design/Build contractor is responsible for meeting minimum requirements of the RFP.

HVAC

01010.8 Please confirm that the entire COF Building HVAC system will require rebalancing after the addition is constructed.

Ans: If existing systems are affected, rebalance is required.

01010.8 Please confirm that hot water in lieu of glycol is intended for the COF Buildings.

Ans: Per 01010, 8.11.1, "All chilled water and hot water piping shall be protected from freezing by use of a propylene glycol mixture."

01010.8 Please confirm that all existing utility systems (i.e. boilers, pumps plumbing, fire protection) in the COF Building Additions are of adequate capacity to serve the additions.

Ans: Provide per RFP.

01010.8.5.4.3 Clarify the number of air handlers intended; 1 or 2 per half for buildings 4, 5 & 7?

Ans: Two

01010.8.5.2.3 and 01010.8.5.3.3 Air System Design – calls for fan-powered VAV boxes.

Ans: Return air plenums and single duct "pinch-off" VAV boxes can not be used on this project. All VAV boxes must be fan powered type as required by the RFP (paragraphs 8.5.2.3 & 8.5.3.3). Return air plenums are not allowed by RFP (paragraph 8.13.1). Return air duct shall be designed accordingly.

- 01010.8.13.1 Ductwork & Accessories – requires that return air be ducted to unit from each space, and prohibits the use of ceiling return plenums
Request a clarification whether a ceiling plenum may be used with specified fan-powered boxes. If it may not, then would it be permissible to use “pinch-off” VAV boxes, and hard-duct the return air to the AHU?
Considerations: a. Fan-powered boxes are normally used in conjunction with ceiling plenum returns. The reason is to enable the mixing of return air and cooled/dehumidified air in proportions necessary to prevent overcooling of the conditioned space(s) included in the respective control zone. b. Since many rooms are small, it is not cost-effective to use one dedicated fan-powered box for every individual room. Consequently, a control zone may include several contiguous rooms that have similar HVAC load profiles. The normal practice is to use fan-powered boxes that draw recirculated air freely from the ceiling plenum. The fan in the VAV box is normally intended to draw air at a limited static pressure loss, and the addition of return air ducts may cause malfunctioning due to the additional static pressure losses. c. In addition, hard-ducting of return air from each room in a zone to the fan-powered box that serves the zone would be costly. d. If a ceiling return plenum must not be used, then the return air has to be ducted directly to the air-handling unit, not to the VAV box. Consequently, the VAV box would have to be of the “pinch-off” type that uses only the variable flow of cooled/dehumidified air from the AHU.
- Ans: Return air plenums and single duct "pinch-off" VAV boxes can not be used on this project. All VAV boxes must be fan powered type as required by the RFP (paragraphs 8.5.2.3 & 8.5.3.3). Return air plenums are not allowed by RFP (paragraph 8.13.1). Return air duct shall be designed accordingly.

Plumbing

- 01010.9 What is the design water pressure within the project area for domestic and fire protection demands? Is there any pressure or flow test data available? How does the new tank potentially alter the available supply? If the designer is to calculate from the existing supply network, more information is required regarding the network.
- Ans: See Amendment #0003. 01010, 3.14.2.6 provides additional information.
- 01010.9 Please confirm that individual backflow prevention is required at each building.
- Ans: Per RFP Section 01010, 9.3.3 and 9.4.5
- 01010.9 Please confirm if domestic water meters are required for each building.
- Ans: Per RFP Section 01010, 9.3.3 and 3.14.2.5
- 01010.9 Please confirm that internally drained flat roofs are to discharge to the storm system (and not to grade).
- Ans: Per RFP Section 01010, 3.13.2
- 01010.9 Please confirm design flow rate for water system in GPM.
- Ans: Per RFP Section 01010, 9.2.2 Design Calculations. This is design/build contract.
- 01010.9 Please clarify intent to prohibit use of copper or plastic waste piping above 1st Floor in multi-story buildings.
- Ans: Per RFP Section 01010, 9.3.1

01010.9 Why is 120F system required for laundry areas and 110F for plumbing fixtures? This requires redundant mixing valves and piping systems.

Ans: Per RFP Section 01010, 9.2.3.1. Design/build contractor shall meet requirements of RFP.

Electrical

01010.10.5.10 Refers to existing building drawings to be made available, we did not see them posted on the website. We need these drawings to identify building construction and utilities for tie-in points and system compatibility. How can we get these drawings?

Ans: See Amendment #0005

01010.10 Can MASS notification and fire alarm systems be combined or are they to be separate systems?

Ans: Per RFP Section 01010, 10.10

01010.10 In regards to communication fiber; can individual 12 pair fiber be run from the head-end equipment building in lieu of bringing 144 pair fiber out and splicing in the manhole? This will eliminate splices.

Ans: Per RFP Section 01010, 10.7.1.4 and 10.7.1.5

01010.10 What is the classification of Anaconda Road for lighting purposes?

Ans: Anaconda Road is an access road. Provide per RFP, Section 01010, 10.6.1.3.

01010.10 Do emergency power provisions need to be made for any of the building (especially dining facility with coolers/freezers)

Ans: Only as required per RFP.

Room by Room

01010.11.1.2.1 STC 55 specified for Barracks for sleeping rooms - a 8" reinforced CMU wall will only provide an STC of 50 nominally, and option to achieve 55 would require two wythe partitions which increase floor plan area significantly.

Ans: Change from STC 55 to STC 50. Addressed in this amendment.

01010.11.1.2.1 STC 55 specified for Barracks for sleeping rooms - does this include between adjacent rooms of a two-unit "module"? Note - this will required special doors to achieve, in addition to above concerns.

Ans: See above revision to wall rating. Add Section 01010, 5.12.2.6 Doors located in sound rated walls shall have a minimum STC rating of 47.

Addressed in this amendment.

01010.12.8 S-1 PAC Clerical / Central Files. Paragraphs 12.8.1 & 12.8.2 are written for a different space function. Provide proper space descriptions.

Ans: Change 12.8.1 to Open office area for S-1 admin staff; access to other S-1 spaces. Provide one, minimum 92m².

Change 12.8.2 to Architectural Issues:S-1 Clerical/Central Files shall be accessed from the corridor or Command Section. The area shall have direct access to S-1 private offices. Occupants: 8 staff, and occasional visitors.

Change 12.8.2.5 to Other: Provide 900 mm wide door into room; door shall have entry function (F81) lockset. Exterior window is desirable. Partitions shall have minimum STC rating of 49.

Addressed in this amendment.

01010.12.11 S-2 Clerical/ Central Files- the space allocated does not appear large enough to accommodate 8 people. Room may fit the 5 workstations required (3 would fit best). Where do the other people go?

Ans: Change 12.11.2 to Architectural Issues: S-2 Clerical/Central Files shall be accessed from the lobby or corridor. The area shall have direct access to S-2 private offices, and the Secured Documents Vault. Occupants: 4 staff, and occasional visitors.

Addressed in this amendment.

01010.12.15 S-3 Clerical/ Central Files- How does this space, as shown on plan, have direct access to the Secured Documents Vault? Is that the Crypto Vault?

Ans: Change 12.15.2 to Architectural Issues: S-3 Clerical/Central Files shall be accessed from the lobby or corridor. The area shall have direct access to S-3 private offices, and the Crypto Vault. Occupants: 8 staff, and occasional visitors.

Addressed in this amendment.

01010.12.20 S-4 Storage and Supplies- Room is required to be on an exterior wall, with exterior doors leading to a paved sidewalk. It is not shown that way on the drawings.

Ans: Change to 12.20.2 to Architectural Issues: Room shall be under control of, and accessed from, S-4/Clerical/Central Files area.

Addressed in this amendment.

01010.12.21 Storage- two rooms are required by 12.21.1, but only one such space is shown on the plan. Does the storage room shown at the classroom fit this requirement?

Ans: Yes. Classroom Storage is second storage room.

01010.12.22 Duty Officer- room has a locked door with a transaction counter separating it from the corridor. Are counter shutters or other such item required to provide after hours security of the room?

Ans: No.

01010.12.25 Classroom- Operable panel partitions are required to be STC 47 by 12.25.2.5 but STC 50 by 5.12.3. Which is it? The smaller classroom shown on the plan is only 77.4 sm, which is less than the 85sm required.

Ans: Change 12.25.1 to Space Function: Soldier training and other meetings. Provide two (2) classrooms, one to be minimum 78m² and the other shall be 92m².

Change 12.25.2.5 to Other: Provide 900 mm wide door into room; door shall have classroom function (F84) lockset. Exterior window is desirable. Partitions shall have minimum STC rating of 49. Provide and design room to accommodate the following furnishings: minimum of 12 Training tables with 2 stacking chairs per table per classroom. Walls separating classrooms shall be operable panel partitions. Provide data jacks around

room near training tables. Provide one data jack per seat. Provide one additional telephone jack near instructor's position. Provide one CATV jack on wall where television bracket is installed. Provide ceiling receptacle for projector. Provide conduit infrastructure for projector control cables from a laptop or desktop computer to ceiling projector. Coordinate exact location of computer with Contracting Officer. Provide a minimum of 4 recessed ceiling mounted speakers.

Addressed in this amendment.

01010.12.26 Door shown on plan into classroom is not required by Section 01010. Is it?

Ans: Add to 12.26.2.5 Provide second 900mm wide door from resource learning center to classroom, door shall have classroom function (F84) lockset. Drawing is correct.

Addressed in this amendment.

01010.12.27 Lobby and Corridors - the drawing shows what would be called the main corridor as 1800mm wide, while paragraph 12.27.2 requires main corridors to be 2400mm. Corridor access to the classrooms is restricted to 1800mm, while 2400mm is required. The plumbing requirements shown on the plan exceed the minimum requirements for the building occupancy. Can we reduce the quantity of fixtures supplied in the toilet rooms to get more corridor space from the entry lobbies to the classroom?

Ans: Number of plumbing fixtures shall not be reduced.

Change 12.27.2 to Architectural Issues: Provide as required to allow access to building spaces. Unless otherwise required, minimum width of corridors shall not be less than 1800 mm. Corridor width shall comply with applicable egress codes.

Addressed in this amendment.

01010.12.28 Entry Vestibules - no requirement for recessed walk off mats is mentioned in the Room by Room. Are they required here? What minimum size?

Ans: Paragraph 5.10.3.7 Requires an entryway Grille system to be located at all building entrances.

Revision to 5.10.3.7 for size.

5.10.3.7.c Size: Width of Entryway Grille System shall match door width. Length shall be a minimum 1200mm.

Addressed in this amendment.

01010.13.11 S-2 Clerical / Central Files Area - paragraph 13.11.2 states for 8 staff, while 13.11.2.6 states only 4 workstations. Which is correct? Same is true for 13.17 S-3 Clerical / Central Files (8 staff vs. 6 workstations).

Ans: Change 13.11.2 to Architectural Issues: S-2 Clerical/Central Files shall be accessed from the lobby or corridor. The area shall have direct access to S2 private offices, and the Secured Documents Vault. Occupants: 3 staff, and occasional visitors.

Change 13.11.2.6 to Furnishings: Provide and design room to accommodate 3 type systems furniture workstations.

Change 13.17.2 to Architectural Issues: S-3 Clerical/Central Files shall be accessed from the lobby or corridor. The area shall have direct access to S-3 private offices, and the Secured Documents Vault.

Occupants: 5 staff , and occasional visitors.

Change 13.17.2.6 to Furnishings: Provide and design room to accommodate 5 type systems furniture workstations.

Addressed in this amendment.

01010.13.14.2 Does the statement " area may be a private office or systems furniture workstation" permit the option of satisfying the requirements without hard walls? Who would provide systems furniture?

Ans: Change 13.14.2 Architectural Issues: Area to be a private office.

Addressed in this amendment.

01010.13.25 Duty Officer- room has a locked door with a transaction counter separating it from the corridor. Are counter shutters or other such item required to provide after hours security of the room?

Ans: No

01010.13.33 Lobby and Corridors- the drawing shows what would be called the main corridor as 1800mm wide, while paragraph 12.27.2 requires main corridors to be 2400mm. Corridor access to the classrooms is restricted to 1800mm, while 2400mm is required. The plumbing requirements shown on the plan exceed the minimum requirements for the building occupancy. Can we reduce the quantity of fixtures supplied in the toilet rooms to get more corridor space from the entry lobbies to the classroom?

Ans: Number of plumbing fixtures shall not be reduced.

Change 13.33.2 Architectural Issues: Provide as required to allow access to building spaces. Unless otherwise required, minimum width of corridors shall not be less than 1800 mm. Corridor width shall comply with applicable egress codes.

Addressed in this amendment.

01010.13.31 Classroom- Operable panel partitions are required to be STC 47 by 12.25.2.5 but STC 50 by 5.12.3. Which is it? The smaller classroom shown on the plan is only 77.4 sm, which is less than the 85sm required.

Ans: Change 13.31.1 to Space Function: Soldier training and other meetings. Provide two (2) classrooms, one to be minimum 60m² and the other shall be 70m².

Correct 12.31.5.9 to 13.31.2.5 and Change to Other: Provide 900 mm wide door into room; door shall have classroom function (F84) lockset. Exterior window is desirable. Partitions shall have minimum STC rating of 49. Provide and design room to accommodate the following furnishings: minimum of 10 Training tables with 2 stacking chairs per table per classroom. Walls separating classrooms shall be operable panel partitions. Provide data jacks around room near training tables. Provide one data jack per seat. Provide one additional telephone jack near instructor's position. Provide one CATV jack on wall where television bracket is installed. Provide ceiling receptacle for projector. Provide conduit infrastructure for projector control cables from a laptop or desktop computer to ceiling projector. Coordinate exact location of computer with Contracting Officer. Provide a minimum of 4 recessed ceiling mounted speakers.

Addressed in this amendment.

01010.13.34 Entry Vestibules- no requirement for recessed walk off mats is mentioned in the Room by Room. Are they required here? What minimum size?

Ans: See 5.10.3.7 in this amendment.

01010.13.39 Storage- only one storage room is required by 01010, while the plan shows two (one accessible from S-4 Clerical , and one accessible from S-1/PAC). Neither is accessible from the corridor as required by 13.39.2. Please clarify.

Ans: Change 13.39.1 to Space Function: Supply Storage. Provide one at S-4 Clerical/Central Files area with minimum area of 13m² and one at S-1/PAC area with minimum area of 7m².

Addressed in this amendment.

01010.16 Hanger COF's : are doors in sound rated partitions to carry the same STC rating as the partition?

Ans: See revision above to 5.12.2.6

01010.16.9 POL Storage - what types and quantities of hazardous materials are to be stored?

Ans: POL = petroleums, oils, and lubricants (potentially combustible/flammable materials). Quantities shall vary.

Question: 00800.4 & 01012.4 The current design complete date is 5/16/05 by Amendment #3, 30 days are specified for Government review of each submittal including 100%. The available design period is therefore 7 months, which with one month for 75% and one month for 95% Government review and a half month minimum for each review cycle to respond to Government comments and allow time for Government review prior to the design review meetings leaves only 4 months for active design. This is extremely aggressive, if not unrealistic (with on consideration of prohibition of review during Holiday period considered). Does the Design complete date include the final Government review of 100% documents? We recommend that the design period complete date be extended or removed, the key date for the Government is project completion. Let the D/B Team determine the design delivery schedule.

Ans: Yes, the design completion date does include the government review of the 100% documents. Design completion date will not change. Design team can continue working during review period.

Question: 00110 3.5 Factor 4 Design Team requires SF 254/255 forms. For a team with multiple design agents (not a Joint venture), are separate 255 forms desired, or can a single combined form be submitted (preferred)?

Ans: Provide separate forms.

Question: 1010.14 Is it acceptable to use metal stud for the construction of the interior partitions in the COF building additions?

Ans: Need to meet the construction classifications and RFP requirements.

Question: 10.7.2.21 States "Provide a minimum, two information outlets (voice/data) in each office or similar space. Where multiple occupants are specified a certain space, provide an information outlet for each occupant plus one additional spare outlet. Locate the outlets through out the space to allow flexibility in the space with respect to furniture changes. There are two parts to this question.

Per 12.16.2 Conference Room - states up to 26 persons - is this correct do they want 27 information outlets in a room that is 4m wide by 10m long. This seems like an over kill for this space.

Ans: No. Provide minimum requirements.

Per 12.25.1 Conference Room - States up to 26 persons in each room - is this correct do they want 60 information outlets in each classroom that is 7m wide by 10m long. This also seems like over kill for this space.

Ans: No. Provide minimum requirements.

Question: 10.7.1.6 States "Provide multi-pair underground telephone cable to first floor communications room of each new building to the nearest manhole as shown on the plans. The pair count shall be determined by 2 times the number of phone stations in the building plus 25% spare. All splices, terminations and cutovers on each end of cables shall be performed by the Design Build Contractor. How do we make terminations on the cable in the manhole when it states that we are only to bring it to the nearest manhole. It does not tell us what we are to splice into.

Ans: See drawing ES-102 Note 1; "Provide splice in existing 15 KV primary line within manhole and connect to new fuse terminal shown to serve new complex." Also see notes on drawings ES-105 and ES-107.

Question: 10.7.2.27 Brigade Headquarters building shall be provided with 5SIPRNET outlets each. Each outlet shall consist of 2 data jacks with Category 6 cables as described above. The outlet shall be surface mounted and shall be installed within a lockable enclosure, similar to that shown in Appendix I. The outlets are to be located in the following spaces: Brigade Headquarters: Commanding Officer, XO, S-2, S-3, EOC; Battalion Headquarters: Commanding Officer, XO, S-2, S-3, S-4. Coordinate the location of the remaining outlets with Contracting Officer. Provide a rack mounted 24 port, Category 6 rated patch panel in the Vault for distribution to the outlets. The conduit serving each outlet shall be rigid galvanized steel and shall be welded at all couplings. It shall be installed exposed for the entire length, except where run through walls. Each conduit shall be homerun from the outlet device box to the Vault. The SIPRNET patch panel and outlets shall be located at least 1 meter away from normal LAN connections and shall be mounted into a dedicated TIA/ELA rack. All conduits serving the SIPRNET connections shall be run no less than 1 meter away from other normal LAN cables and/or cable trays. In this item it gives the five locations then states to coordinate the locations of the remaining outlets. Now do we provide 5 as stated in the first sentence or is it 24?

Ans: Provide 5 SIPRNET outlets in each of the 3 Battalion HQ Buildings and the Brigade HQ building. The 24 port is the rack mounted patch panel. Will delete under this amendment the sentence "Coordinate the location of remaining outlets with Contracting Officer."

Company Name: Bell

Question: Section 3.14.3.11 Grease Interceptors: All grease interceptors will be located inside the building. Grease interceptors will be designed and located in an area that will provide adequate access for cleaning. Section 9.4.12 (see page 101) Grease interceptor shall be of reinforced concrete, precast concrete construction or equivalent capacity commercially available steel grease interceptor with removable three-section, 9.5mm checker-plate cover, and shall be installed outside the building. Is the intent of the Grease Traps to be located inside the crawl space or outside the building?

Ans: Reference 01010, 5.16.5 "Grease trap shall be located in the crawl space near the loading dock and the crawl space access door/hatch."

01010, 3.14.3.11 and 9.4.12 shall be corrected via Amendment #0006.

Question: The drawing issued in the documents C-140 indicates the bottom tank capacity elevation at 247.251 and Appendix M indicated the bottom tank elevation 253.346. Which elevation are we to use for the lower level of the tank?

Ans: See Amendment #0003. Section 01010, 3.14.2.6.

Question: In addition to the discrepancy regarding the lower tank elevation, there seems to be a misunderstanding regarding the fire reserve location. Is the intent for the Fire Reserve to be calculated based on drawing C-140 where it is located in the straight side of the tank and not at the bottom of the tank elevation?

Ans: Appendix M was provided to give only give additional detail on the ground elevation. Appendix M shall be deleted by this amendment. Also see Amendment #0003, 01010, 3.14.2.6.

Question: The top capacity line appears to have been lowered by roughly 15' in Appendix M. This requires immediate attention as it has direct bearing on the tank foundation and steel thicknesses required. Please clarify which document is required for design considerations.

Ans: Appendix M was provided to give only give additional detail on the ground elevation. Appendix M shall be deleted by this amendment. Also see Amendment #0003, 01010, 3.14.2.6.

Question: Which drawing takes precedence for the RFQ? Appendix M was created in January of 2004 while drawing C-140 was created in May of 2004. Please clarify which one is utilized for the purpose of this bid?

Ans: Appendix M was provided to give only give additional detail on the ground elevation. Appendix M shall be deleted by this amendment.. Also see Amendment #0003, 01010, 3.14.2.6.

Question: The overall description of the geothermal option, by exclusion, indicates that the barracks AHU and cast iron section boilers will not be superseded by the selection of the geothermal heat pump system. However, section 4a of this option notes that, "Ventilation air for all spaces shall be provided by dedicated geothermal heat pumps designed to handle 100% outside air. These units shall be located in the attic mechanical space. Ductwork shall be routed from these units to each space".

This appears to indicate that these "master" heat pump units replace the ventilation AHU and serve to temper the outside air before it is ducted to the local heat pumps at each barracks room. Later in this section the capacity of these heat pumps is listed as being adequate to heat the outside air to 68 deg F and cool it to 55 deg F (dependant on OA conditions.) However conflicting information is supplied in the next two sentences where it is stated that the air will get preheated to 50 deg, then reheated after leaving the units using duct mounted hot water coils. This section also mentions air handling units needing filters. Please clarify whether heat pumps are intended to be set in the attic mechanical spaces in lieu of the AHU and whether the ductwork reheat coils are required when reheat will be provided by the barracks heat pump units.

Ans: Section 01010 Option A-Geothermal Paragraph 4) a. Will be modified under this amendment.

Company Name: Clark Construction

Question: Independent Commissioning both the Fundamental Commissioning prerequisite and Additional Commissioning may be conducted by an owner's facilities staff if they are qualified and willing to do it. Will the Army or the Army Corps of Engineers provide this?

Ans: No. The Army or the Army Corps of Engineers will not provide this service.

Question: The prerequisite Storage and Collection of Recyclables requires programmed space in each building for recycling collection. These spaces are not readily apparent in the plans provided in the RFP. Has this space been allocated, or will it be allocated within the indicated building envelope square footages?

Ans: Will be provided by the occupant within the building layout shown on the drawings.

Question: In the food service building, what material are the serving counters made of (stainless steel construction, corian tops, plastic laminate bodies)?

Ans: Per Food Service Manual item cut sheets, counters are stainless steel. For examples see items 037, 056A, 057, etc.

Question: In the food service building, are the tray-slides on the counters stainless steel or corian?

Ans: Per Food Service Manual item cut sheets, tray-slides are stainless steel. For examples see items 037, 056A, 057, etc.

Questions: In drawings FS101, FS102, and FS103, the Remarks section in the equipment schedule denotes some items as "Millwork." Are items marked as "Millwork" to be included in the base bid, or Option C? Example: Item 102.

Ans: Per Option C, contractor shall purchase and install all equipment listed on plates FS101, FS102, FS103, regardless of how it is denoted.

Company Name: Nexpointe Strategies

Question: Do you have any knowledge that the solicitation will contain the DoD mandate for all new military facility construction (UFC 4-021-01) for the allowance of an emergency mass notification system to be installed?

Ans: Section 01010 paragraph 10.10 Mass Notification Systems: references UFC 4-021-01.

Section 01010, 3.14.3.11 Change sentence to read: “All grease interceptors will be located in the crawl space associated with the building.”

Section 01010, 5.10.3. Add section to read: “5.10.3.7.c Size: Width of Entryway Grille System shall match door width. Length shall be a minimum 1200mm.”

Add Section 01010, 5.12.2.6 “Doors located in sound rated walls shall have a minimum STC rating of 47.”

Section 01010, 9.4.12 Change sentence to read: “Grease interceptor shall be of reinforced concrete, precast concrete construction or equivalent capacity commercially available steel grease interceptor with removable three-section, 9.5mm checker-plate cover, and shall be installed in the crawl space associated with the building.”

Section 01010, 10.7.2.27 Delete Sentence: “Coordinate the location of remaining outlets with Contracting Officer.”

Section 01010, 11.1.2 Change sentence to read: “Walls: Paint on CMU, extending from floor to underside of precast concrete plant, STC 50.”

Section 01010, 12.8.1 Change section to read: “Open office area for S-1 admin staff; access to other S-1 spaces. Provide one, minimum 92m².”

Section 01010, 12.8.2 Change section to read: “Architectural Issues:S-1 Clerical/Central Files shall be accessed from the corridor or Command Section. The area shall have direct access to S-1 private offices. Occupants: 8 staff, and occasional visitors.”

Section 01010, 12.8.2.5 Change section to read: “Other: Provide 900 mm wide door into room; door shall have entry function (F81) lockset. Exterior window is desirable. Partitions shall have minimum STC rating of 49.”

Section 01010, 12.11.2 Change sentence to read: “Occupants: 4 staff, and occasional visitors.”

Section 01010, 12.15.2 Change sentence to read: “The area shall have direct access to S-3 private offices, and the Crypto Vault.”

Section 01010, 12.20.2 Change section to read: “Architectural Issues: Roomshall be under control of, and accessed from, S-4/Clerical/Central Files area.” (Delete last sentence.)

Section 01010, 12.25.1 Change section to read: “Space Function: Soldier training and other meetings. Provide two (2) classrooms, one to be minimum 78m² and the other shall be 92m².”

Section 01010, 12.25.2.5 Change sentence to read: “Walls separating classrooms shall be operable panel partitions.” (Delete reference to STC 47.)

Section 01010, 12.26.2.5 Add sentence: “Provide second 900mm wide door from resource learning center to classroom, door shall have classroom function (F84) lockset.”

Section 01010, 12.27.2 Change section to read: “Architectural Issues: Provide as required to allow access to building spaces. Unless otherwise required, minimum width of corridors shall not be less than 1800 mm. Corridor width shall comply with applicable egress codes.”

Section 01010, 13.1.2 Re-number section correctly to read:

13.1.2.1 Walls

13.1.2.2 Base

13.1.2.3 Floor

13.1.2.4 Ceiling

13.1.2.5 Other

13.1.2.6 Furnishings

Section 01010, 13.10 Re-number section correctly to read:

13.10.1 Space Function

13.10.2 Architectural Issues

13.10.2.1 Walls

13.10.2.2 Base

13.10.2.3 Floor

13.10.2.4 Ceiling

13.10.2.5 Other

13.10.2.6 Furnishings

Section 01010, 13.11.2 Change to read: “Occupants: 3 staff, and occasional visitors.”

Section 01010, 13.11.2.6 Change to read: “Furnishings: Provide and design room to accommodate 3 type systems furniture workstations.”

Section 01010, 13.14.2 Re-number section correctly to read:

13.14.2.6 Furnishings

13.14.2.7 “Provide and design...”

Section 01010, 13.14.2 Change to read: “Architectural Issues: Area to be a private office.”

Section 01010, 13.17.2 Change to read: “Occupants: 5 staff , and occasional visitors.”

Section 01010, 13.17.2.6 Change to read: “Provide and design room to accommodate 5 type systems furniture workstations.”

Section 01010, 13.31.1 Change to read: “Space Function: Soldier training and other meetings. Provide two (2) classrooms, one to be minimum 60m² and the other shall be 70m².”

Section 01010, 13.31.2 Re-number section correctly to read:

13.31.2.5 Other

13.14.2.6 “Provide and design...”

Section 13.31.2.5 Change sentence to read: “Walls separating classrooms shall be operable panel partitions.” .

Section 01010, 13.33.2 Change to read: “Architectural Issues: Provide as required to allow access to building spaces. Unless otherwise required, minimum width of corridors shall not be less than 1800 mm. Corridor width shall comply with applicable egress codes.”

Section 01010, 13.34.3 Re-number section correctly to read:

13.34.3.1 Fire Suppression Sprinklers

13.34.3.2 Fire Alarm Control

Section 01010, 13.39.1 Change section to read: “Space Function: Supply Storage. Provide one at S-4 Clerical/Central Files area with minimum area of 13m² and one at S-1/PAC area with minimum area of 7m².”

Delete Appendix M provided in Amendment #0003.

Section 01010, Section 18 Options; Option a-Geothermal: Change to read:

4) Ventilation System Design:

a) Ventilation air for all spaces shall be provided by dedicated geothermal heat pumps designed to handle 100% outside air. These units shall be located in the attic mechanical space. Ductwork shall be routed from these units to each space. The air handling units shall be provided with 30% efficient pleated filters. Each ventilation unit shall be provided with factory installed modulating hot-gas reheat circuits. The units shall be sized to cool the outside air to 55 deg. F in order to dehumidify the ventilation air. Duct mounted hot water reheat coils for these units shall be sized to heat the outside air to 68 deg. F. Duct mounted hot water coils shall preheat ventilation air to 50 deg. F before entering ventilation units.

(End of Summary of Changes)