

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 0003		3. EFFECTIVE DATE 30-Jul-2011	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable) ANA11-008a
6. ISSUED BY AFGHANISTAN DISTRICT SOUTH (AES) US ARMY CORPS OF ENGINEERS APO AE 09355		CODE W5J9LE	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. W5J9LE-11-B-0005	
			X	9B. DATED (SEE ITEM 11) 30-Jun-2011	
				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.)					
Project: Kandaks (east) - Camp Hero Purpose of this amendment is to provide answers to bidder inquiry questions. Amendment also includes a revised bid schedule, section 01010 - Scope of Work, section 01015 - Technical Requirements, Concept plans C-01 and C-02, and drawings for the Power Plant. The due date has not been extended. Bid opening date remains 9 August 2011 at 2:00 pm local time. Point of contact is Mark Jones at mark.t.jones@usace.army.mil.					
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		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
_____ (Signature of person authorized to sign)				BY _____ (Signature of Contracting Officer)	
				16C. DATE SIGNED 30-Jul-2011	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION 00010 - SOLICITATION CONTRACT FORM

The following have been added by full text:

AMENDMENT 0003 SUMMARY OF CHANGES

SUMMARY OF MAJOR CHANGES (amendment 0003)

Bid Schedule:

0002AN – Vehicle Refueling Point. Quantity is now 3 EA instead of 2 EA.

0004AA – Arms Storage Bldg. Quantity is now 8 EA instead of 5 EA.

A second optional CLIN has been added.

01010 SCOPE OF WORK

3.7 ELECTRICAL DISTRIBUTION SYSTEM

The paragraph has been revised to clarify the work for CLIN 0002AG and discuss the relationship of this paragraph/CLIN with the optional items.

6.1 SITE POWER AND ELECTRICAL DISTRIBUTION SYSTEM

Under the “Generators and Fuel Storage” paragraph, it now reads that **the Contractor** shall supply the six individual 1.0 megawatt generators.

6. OPTIONAL ITEMS

There are now two optional CLINS as discussed by paragraphs 6.1 and 6.2.

7. COMPLETION OF WORK

Table 7-1 Construction Priorities Schedule has been revised.

01015 TECHNICAL REQUIREMENTS

2.3.1.2 WATER WELLS

4TH paragraph now reads that “the contractor shall drill a **maximum** of two well” instead of a minimum of two wells.

8.5.1.1 GENERATOR POWER SYSTEM

1st paragraph: First sentence now requires the Contractor to provide the generators instead of the Government providing the generators as Government furnished.

DRAWINGS:

New Concept plans C-01 and C-02 are provided. Reference drawings for the power plant option are also provided.

BID SCHEDULE

BIDDING SCHEDULE (AMENDMENT 0003)

The Contractor shall provide a price for all items.

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT</u>	<u>Unit Price</u>	<u>AMOUNT</u>
0001	GENERAL				
0001AA	Mobilization/Demobilization	1	LS	XXX	\$ _____
0001AB	Security	1	LS	XXX	\$ _____
0001AC	Site Survey/Existing Conditions Map	1	LS	XXX	\$ _____
0001AD	Geotechnical Investigation	1	LS	XXX	\$ _____
0001AE	As-Built Drawings	1	LS	XXX	\$ _____
0002	SITE DEVELOPMENT/ IMPROVEMENTS				
0002AA	Site Grading and Stormwater Management	1	LS	XXX	\$ _____
0002AB	Water Well	1	LS	XXX	\$ _____
0002AC	Well House and Water Well System	1	LS	XXX	\$ _____
0002AD	Water Distribution System	1	LS	XXX	\$ _____
0002AE	Wastewater Treatment Plant	1	LS	XXX	\$ _____
0002AF	Wastewater Collection System	1	LS	XXX	\$ _____
0002AG	Underground Electrical Distribution System	1	LS	XXX	\$ _____
0002AH	Road Network	1	LS	XXX	\$ _____
0002AJ	Concrete Sidewalks	1	LS	XXX	\$ _____
0002AK	Motor Pool Areas	1	LS	XXX	\$ _____
0002AL	Site Communication System	1	LS	XXX	\$ _____
0002AM	Vehicle Wash Rack	3	EA	\$ _____	\$ _____

0002AN	Vehicle Refueling Point	3	EA	\$ _____	\$ _____
0002AP	Trash Collection Point	22	EA	\$ _____	\$ _____
0002AQ	Volley Ball Courts	4	EA	\$ _____	\$ _____
0003	FORCE PROTECTION				
0003AA	Perimeter Wall	1	LS	XXX	\$ _____
0003AB	Guard Towers	19	EA	\$ _____	\$ _____
0003AC	Entry Control Point	1	LS	XXX	\$ _____
0003AD	Personnel Bunkers	150	EA	\$ _____	\$ _____
0004	FACILITIES				
0004AA	Arms Storage Bldg.	8	EA	\$ _____	\$ _____
0004AB	POL Storage Bldg.	7	EA	\$ _____	\$ _____
0004AC	Fuel Operators Bldg.	3	EA	\$ _____	\$ _____
0004AD	Ammunition Supply Point	1	EA	\$ _____	\$ _____
0004AE	NCO Barracks	12	EA	\$ _____	\$ _____
0004AF	Enlisted Barracks	22	EA	\$ _____	\$ _____
0004AG	Large Latrine/Laundry Bldg.	10	EA	\$ _____	\$ _____
0004AH	Officers Barracks	6	EA	\$ _____	\$ _____
0004AJ	Battalion Storage Building	7	EA	\$ _____	\$ _____
0004AK	Small Latrine	3	EA	\$ _____	\$ _____
0004AL	Battalion Headquarters Building	5	EA	\$ _____	\$ _____
0004AM	Administration Building	1	EA	\$ _____	\$ _____
0004AN	Large Dining facility	1	EA	\$ _____	\$ _____
0004AP	Small Dining facility	1	EA	\$ _____	\$ _____
0004AQ	Vehicle Maintenance facility	7	EA	\$ _____	\$ _____
0004AR	Training Classroom Building	6	EA	\$ _____	\$ _____

0004AS	Post Exchange Building	1	EA	\$ _____	\$ _____
0004AT	MWR Building	1	EA	\$ _____	\$ _____
0004AU	Medical Clinic	1	EA	\$ _____	\$ _____
0005	DBA INSURANCE (CLINs 0001- 0004)	1	LS	XXX	\$ _____
<p>The amount listed by the offeror on this CLIN is the estimated DBA insurance premium (estimated payroll of the offeror and its subcontractors times the applicable rate(s)). The DBA insurance premium amount varies with payroll and the nature of services and will, therefore, be taken into account during price evaluation of offers. The actual amount paid by the government under this CLIN will be based on the amount of the Rutherford invoice, stamp "paid" and submitted by the offeror after contract award. In the event of recalculation of the premium by CNA based on actual payroll amounts, the contracting officer will adjust this CLIN by contract modification to reflect the actual premium amounts paid.</p>					
0006	REIMBURSEMENT FOR ACTUAL PERFORMANCE AND PAYMENT BONDS PREMIUMS	1	LS	XXX	\$ _____ Not to Exceed
	(see schedule note 9 of additional information)				
	TOTAL BASE BID ITEMS:				\$ _____
	OPTIONAL BID ITEMS				
0007	Site Power and Electrical Distribution System				
0007AA	Site Power and Electrical Distribution System	1	LS	\$ _____	\$ _____
0007AB	DBA Insurance for SUBCLIN 0007AA	1	LS	\$ _____	\$ _____
<p>The amount listed by the offeror on this CLIN is the estimated DBA insurance premium (estimated payroll of the offeror and its subcontractors, multiplied by the applicable rate(s)). The actual amount paid by the government under this CLIN will be based on the amount of the Rutherford invoice submitted by the offeror after contract award. In the event of recalculation of the premium by CNA based on actual payroll amounts, the Contracting Officer will adjust this CLIN by contract modification to reflect actual premium amounts paid.</p>					
0008	Electrical Distribution System From the Existing Power Plant				

0008AA	Electrical Distribution System From the Existing Power Plant	1	LS	\$ _____	\$ _____
0008AB	DBA Insurance for SUBCLIN 0008AA	1	LS	\$ _____	\$ _____
The amount listed by the offeror on this CLIN is the estimated DBA insurance premium (estimated payroll of the offeror and its subcontractors, multiplied by the applicable rate(s)). The actual amount paid by the government under this CLIN will be based on the amount of the Rutherford invoice submitted by the offeror after contract award. In the event of recalculation of the premium by CNA based on actual payroll amounts, the Contracting Officer will adjust this CLIN by contract modification to reflect actual premium amounts paid.					
	TOTAL OPTIONAL BID ITEMS				\$ _____
	SCHEDULE TOTAL:				\$ _____ _____

SCHEDULE NOTES

- Offeror shall submit prices on all items. Scope of work on each item is described in Section 01010.
- Only one contract for the entire schedule will be awarded under this solicitation. This project will be awarded as a single contract.
- Costs associated with this project shall include design and construction costs, site development, and utility installation.
- EVALUATION OF OPTIONS:** The award will be made to the lowest, responsive and responsible bidder. For pricing purposes the Government will evaluate both the Base Proposals and Option Proposals. The Government is not obligated to exercise the options.
- EXERCISE OF OPTIONAL BID ITEMS:** Optional bid items (if any) may, at the option of the Government, be exercised by the Government at any time within 180 calendar days after receipt of the notice to proceed.
- Design costs shall consist of design analysis, drawings, and specifications for all facilities where a standard design has not been provided by the Government. The cost of all design shall be paid for under the bid item in which the design work is associated.
- ORDER of WORK:** See Section 00150.
- PERIOD OF PERFORMANCE AND LIQUIDATED DAMAGES:** See Section 00150 for performance schedule. Period of performance is defined as the number of calendar days from

receipt of notice to proceed. Liquidated Damages are included in this contract. See FAR Clause 52.211-12.

9. Notwithstanding the Contract Clause entitled "Payments Under Fixed-Price Construction Contracts," the Contractor shall not be reimbursed an amount which exceeds the dollar amount set forth in **bid item 0006**.

10. Abbreviations:

LM = Linear meters
SM = Square meters
EA = Each
LS = Lump Sum
m² = square meters
kPa = kilopascals
m = meters
cm = centimeters
l = liters
kVA = kilo volt amps

-END OF SECTION-

SECTION 00100 - BIDDING SCHEDULE/INSTRUCTIONS TO BIDDERS

The following have been added by full text:

52.217-5 EVALUATION OF OPTIONS (JUL 1990)

Except when it is determined in accordance with FAR 17.206(b) not to be in the Government's best interests, the Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. Evaluation of options will not obligate the Government to exercise the option(s).

(End of provision)

SECTION 00800 - SPECIAL CONTRACT REQUIREMENTS

The following have been added by full text:

QUESTIONS & ANSWERS

QUESTIONS & ANSWERS
27 JULY 2011

- Q1. Page 1 of the Design Concepts Documents (Section 00555, 1.0) indicates “This section identifies documents issued with this IFB which establish the concept or basis for the project design. These requirements are minimum standards and may be exceeded by the Offeror. Deviations from these concepts and standards may be approved if considered by the Government to be in its best interests. The extent of development of these requirements in no way relieves the successful Offeror from the responsibility of completing the design, construction documentation, and construction of the facility in conformance with applicable criteria and codes. Design drawings and all technical specifications are provided to the contractor as part of this contract of all facilities. Site work and related areas require design. This specification only applies to this site design.”

Question: Will the contractor be responsible for the facility designs provided in the appendix or will the contractor only be responsible to construct the facilities provided in the appendix and any site adaptations?

Answer: All standard designs provided in the appendix shall be constructed by the contractor. The contractor shall not be responsible for the design if the Government has provided the standard design. For any aspects of the project that the Government has not provided the design, the contractor has full responsibility for the design.

- Q2. Section 3.13 of the Scope of Work (Section 01010) indicates “The Contractor shall design and construct two (2) Vehicle Refueling Points. Each vehicle refueling points shall include one (1) diesel dispenser, one (1) MOGAS dispenser, associated islands, fuel tanks and all other associated equipment for a fully functioning vehicle refuel point. Each vehicle refuel point shall have a fuel tank capacity as follows: 38,000 liters of Diesel and 10,000 liters of MOGAS. The Contractor shall provide a full supply of fuel to the tanks at the time of turnover to the Government.

Question: Our understanding from this requirement is that the contractor shall provide a full supply of fuel to tanks at the time of turnover to the government, which is equal to 76,000 liters of diesel and 20,000 liters of MOGAS. Is our understanding correct?

Answer: Yes the contractor shall supply 76,000 liters of diesel and 10,000 liters of MOGAS at the time of turnover to the Government. Any fuel used by the contractor for testing of the tanks prior to turnover to the Government is the responsibility of the contractor.

- Q3. Section 3.1 of the Scope of Work (Section 01010) indicates “The Contractor shall remove and dispose of all debris, trash, CONEXs, concrete, buildings, existing utilities above or below ground, fuel tanks, HESCO baskets, and foundations. The Contractor shall be responsible for locating and paying all fees associated with removal and relocation of all debris and shall verify the location of debris disposal with the Contracting Officer.”

Question: What quantity of debris, trash, CONEXs, concrete, buildings, existing utilities above or below ground, fuel tanks, HESCO baskets, and foundations should be included in the bid proposal?

Answer: The contractor shall clear all areas within the limits of work and shall determine all quantities of debris, trash, CONEXs, concrete, buildings, existing utilities above or below ground, fuel tanks, HESCO baskets, and foundations to be removed.

- Q4. Section 3.2 of the Scope of Work (Section 01010) indicates “All barracks, headquarters buildings, well houses and small arms storage buildings shall be raised 450 mm above the existing grade to protect against potential flooding.”

Question: Please confirm that all RFP Appendix drawings for barracks, headquarter buildings, well houses and small arms storage buildings will be modified for the 450mm raised finish floor elevation. This requirement will also necessitate stairs at all entries for the facilities listed above.

Answer: It is the contractor’s responsibility to design to meet the elevation requirements of these buildings, either through earthwork or raised foundations. The contractor shall determine all access required to meet the elevation requirements.

- Q5. Section 3.2 of the Scope of Work (Section 01010) indicates “At locations of the existing fence and perimeter wall where drainage ditches cross, new concrete culverts shall be installed to manage the wastewater and stormwater flows. The culverts shall include personnel access denial system(s).”

Question: Identify quantities and location of existing fence and perimeter wall which cross existing drainage ditches and require new concrete culverts.

Answer: All quantities and locations shall be determined by the contractor according to the contractor’s design.

- Q6. Section 3.7 of the Scope of Work (Section 01010) indicates “The Contractor shall connect the electrical distribution system to the existing electrical distribution system on the existing Camp Hero and the existing electrical system at the adjacent Special Forces compound.”

Question: Provide drawings, design analysis and calculations for the existing distribution system on the existing Camp Hero and the existing electrical system at the adjacent Special Forces compound.

Answer: The contractor shall be responsible for determining all existing infrastructure and design enabling the connection. For bidding purposes the contractor shall connect to the existing Camp Hero electrical distribution system at the existing power plant shown on the Concept Plan C-01 and the existing Special Forces Power Plant shown on Concept Plan C-02.

- Q7. Section 3.9 of the Scope of Work (Section 01010) indicates “The Contractor shall design and construct fire lanes that are a minimum of 3.0 m wide and shall be designed to accommodate the existing fire trucks on base. A sidewalk may be used as a fire lane if the sidewalk is a minimum of 3.0 m wide.”

Question: Provide requirements for the placement of fire lanes and confirm that fire lanes are to be concrete.

Answer: All fire lanes shall be placed by the contractor to meet the requirements of the solicitation. All fire lanes shall be concrete.

- Q8. Section 3.9 of the Scope of Work (Section 01010) indicates “Each Motor Pool Area shall be enclosed by a 3.0 m high chain link fence with Y-channel and triple strand concertina wire and two (2) lockable double swing arm vehicle gates and two (2) lockable personnel gates. The grade

shall slope away from the fence for at least 5 meters and shall be kept a minimum of 3.0 m below the top of the fence for a distance of 10 m. The Contractor shall construct the fence and gates per the standard design drawings attached in the Appendix.”

Question: Please confirm that the following section was intended for only perimeter wall and not internal compound fencing at Motor Pool. “The grade shall slope away from the fence for at least 5 meters and shall be kept a minimum of 3.0 m below the top of the fence for a distance of 10 m.”

Answer: All requirements motor pools within the paragraph “Motor Pool Areas” in Section 01010 shall be adhered to.

- Q9. Section 3.11.1 of the Scope of Work (Section 01010) indicates “The Contractor shall install a Loud Speaker & Alarm System that can alert the entire compound via panic button from any tower or guard post station.”

Question: Confirm that a “guard post station” shall be considered a Guard Tower, Guard Shack or a guard house associated with the ECPs.

Answer: Yes there shall be panic buttons at all Guard Towers, Guard Shacks and Guard Houses.

- Q10. Section 4.0 of the Scope of Work (Section 01010) indicates “The Contractor shall design and construct force protection measures to include walls, Entry Control Points (ECP) and guard towers. The designer shall incorporate force protection setbacks for new facilities to maximum extent possible as permitted by size of the site.”

Question: Will additional force protection measures be required other than what is indicated above?

Answer: All force protection measures required are in Section 01010.

- Q11. Section 5.13 of the Scope of Work (Section 01010) indicates “Kitchen area shall be provided with propane stoves. For a 30-day supply of fuel, provide four (4) bottles per cook stove.”

Question: What size propane bottles are required?

Answer: See paragraph 6.12.3 of Section 01015 for tank sizes.

- Q12. Drawing C-02 of Appendix 1 indicates in the facility list that only one Primary ECP and one Secondary ECP are required.

Question: Please confirm that three Primary ECPs and three Secondary ECPs are required as indicated in section 01010 and on Drawing C-02.

Answer: Yes three primary ECPs and three Secondary ECPs are required.

- Q13. Drawing C-02 of Appendix 1 does not indicate the location of the water well building (924) nor the water storage (925).

Question: Please confirm that both the water well building and water storage are required and the contractor is responsible for locating these on the site.

Answer: Yes, a water well building and water storage are required and are to be sited by the contractor.

- Q14. Drawing C-02 of Appendix 1 indicates the location of 17 Guard Towers (GT), however section 01010 indicates 19 Guard Towers are required.

Question: Please confirm that 19 Guard Towers are required and provide locations for all Guard Towers required.

Answer: There shall be 19 Guard Towers. A Guard Tower shall be provided at all ECPs labeled 001 on the Concept Plan, See the Amended Concept Plans C-01 and C-02.

- Q15. Drawing C-02 of Appendix 1 indicates the location of 8 Small Arms Storage facilities (six 907 and two 1407), however section 01010 and the List of Facilities indicates only 5 Small Arms Storage facilities.

Question: Please confirm that only five Small Arms Storage facilities are required and provide the locations where the five facilities should be located.

Answer: Provide 8 small arms storage facilities in the locations on the concept plan. See attached amended bid schedule.

- Q16. Eight (8) Arms Storage Buildings are seen on sheet #C-02 but according to the bidding schedule and section 01010 SOW paragraph 5.1 Arms Storage Building section there shall be five (5) Arms Storage Buildings. Please clarify the correct quantity.

Answer: See Answer 15.

- Q17. Three (3) Vehicle Fuel Points are seen on sheet #C-02 but according to the bidding schedule and section 01010 SOW paragraph 3.13 Vehicle Refueling Point, there shall be two (2) Vehicle Refueling Points. Please clarify the quantities of Vehicle Refueling Point, Fuel Operations Building and wash rack.

Answer: There shall be three (3) Vehicle Fuel Points, three (3) Fuel Operator's Buildings and three (3) wash racks. See amended Section 00010 and Section 01010.

- Q18. Site power and electrical distribution system section states "See drawings titled Power Plant in Appendix B for reference." But this appendix is not included. Is this document available?

Answer: The drawings have been attached.

- Q19. Electrical distribution system section states "The Contractor shall connect the electrical distribution system to the existing electrical distribution system on the existing Camp Hero and the existing electrical system at the adjacent Special Forces compound". Please clarify the location and configuration of the existing electrical system.

Answer: See Answer 6 above.

Q20. Electrical distribution system section states “The Contractor shall provide and install all appropriate transformers, cable and any other equipment necessary for a fully functioning electrical distribution system.” Please provide the exact location and quantity of the transformers?

Answer: The contractor shall design the electrical system and shall determine all types and locations of transformers needed to meet the requirements of the solicitation.

Q21. Where is the proposed location of generator power plant?

Answer: See Concept Plans C-01 in the Appendix for location of existing and proposed optional power plants.

Q22. Does the asphalt road require to be provided with area lighting? If yes, what is minimum required illumination level?

Answer: No, the roads do not require lighting.

Q23. Does the concrete sidewalk require to be provided with area lighting? If yes, what is minimum required illumination level?

Answer: No, the concrete sidewalks do not require area lighting, except at ingress/egress of buildings per paragraph 8.5.2 of Section 01015.

Q24. Does the perimeter wall require to be provided with area lighting? If yes, what is minimum required illumination level?

Answer: No, the only required lighting at the perimeter is associated with the Guard Towers.

Q25. Does the perimeter wall require to be provided with security cameras?

Answer: No security cameras are required along the perimeter wall.

Q26. Site communication system section states “The interior communications infrastructure shall provide a pathway to all communications outlets and head-end equipment located in the building. Communications head-end equipment, cabling, RJ45 jacks, and faceplates shall be provided by others.” However guard shacks section states “2-way communications with all Guard Towers and Main ECP shall be provided. Category 5e dual RJ-45 outlets for voice and data and duplex receptacles shall be provided.” Please clarify this inconsistency.

Answer: The following shall apply to all buildings including the Guard Towers, Guard Shacks, Guard Houses and ECPs: “The Contractor shall design, provide, and install the exterior and interior communications infrastructure. The exterior communications infrastructure shall provide a looped communication system for perimeter security functions. The communications duct bank shall run to all guard towers, guard shacks, ECPs, and back to the central Communications Room located in the Battalion Headquarters Building.

The interior communications infrastructure shall provide a pathway to all communications outlets and head-end equipment located in the building. Communications head-end equipment, cabling, RJ45 jacks, and faceplates shall be provided by others. The design and construction of the

systems shall be in accordance with the references and the requirements contained herein and in Section 01015.”

- Q27. Section 00100 Instructions to Bidders states that the content of the submittal for the bid shall be standard form 1442, bid schedule, section 00600 and offer guarantee. It is our understanding that neither any supporting technical documentation nor the Section 100 DBA will be included in the submittal. Please confirm.

Answer: Any Technical Documents and DBA information are required after Award of a Contract, not at the time of Bid Opening.

- Q28. Would you please clarify whether A/E Design will be included “0001 General” part of Bidding Schedule?

Answer: All design costs associated with a particular bid item shall be included under the costs for that bid item.

- Q29. Would you please provide Appendix B, which is referred in Section 01015 Technical Requirements/ 2.3.1.6 Service Booster Pumps and in Amendment 0001 Section 01010/ 5.1.1 Site Power and Electrical Distribution System?

Answer: There is only an Appendix, there is not an Appendix B. All references to Appendix B shall be inferred to mean the Appendix.

- Q30. Would you determine number of wells that contractor should drill? Because there exists a conflict between statement at 01010 Scope of Work/3.3 Water Well “The Contractor shall drill one (1) well to a depth of 350 m to 400 m in an attempt to find potable water meeting all World Health Organization (WHO) water quality requirements.”, but in 01015 Technical Requirements/2.3.1.2 Water Wells “The Contractor shall drill a minimum of two wells to a minimum depth of between 350 meters and 400 meters in an attempt to find potable water meeting WHO water quality requirements.”

Answer: The contractor shall drill a minimum of one well and a maximum of two wells in order to meet the water requirements of the development.

- Q31. In section 01010 Scope of Work/5.1.1 Site Power and Electrical Distribution System part it states; “The Site Power and Electrical Distribution System shall have a unit of measure lump sum and be paid for under bid items 0003AE, Site Power & Electrical Distribution System, of the proposed schedule.” Is there a typo error with 0003AE, which should have been 0006AA?

Answer: Yes this is a typo and 0003AE now reads 0007AA. Please note that the paragraph is now 6.1.

- Q32. Would you please approve that roads which are in this project’s scope are the ones that are black colored on C-02 Concept Plan?

Answer: The darker lines are meant to show the roads in the project scope, but those roads are conceptual only and the final length of road is to be determined and designed by the contractor in order to meet the requirements of the solicitation.

Q33. Would you denote location of perimeter road on C-02 Concept Plan? Also would you identify which roads, shown on concept plan, will be asphalt and which will be aggregate?

Answer: Section 01010 and Section 01015 describe which roads shall be asphalt and which shall be aggregate. All perimeter roads are around the perimeter of the development.

Q34. Also would you please locate Well House on C-02 Concept Plan?

Answer: The location of the well house is to be determined by the contractor in accordance with the requirements of the solicitation.

Q35. Would you please specify if fencing is required around buildings 1209 and 1309 (Battalion Storage) as shown in C02-Concept Plan, but not mentioned in Section 01010 Scope of Work?

Answer: Yes fencing is required around all Battalion Storage Buildings.

Q36. In Section 01010 Scope of Work and in Section 01015 Technical Requirements don't mention HVAC Indoor Design Conditions for all facilities. Would you please provide HVAC Indoor Design Conditions for all facilities?

Answer: All buildings are to be constructed per the standard designs in the Appendix, regardless of indoor design conditions, only if buildings are to be designed by the contractor are the indoor design conditions to be used.

Q37. Would you please clarify number of buildings given below?

Vehicle Fuel Point-See Answer 17

Small Arms Storage- See Answer 15

NCO Barracks- There shall be twelve NCO Barracks.

GENERAL QUESTIONS:

Q38. Referring to drawing # C-02, concept plan, list of facilities refers to items 924 water well building & 925 water storage tank, while these items does not shown on the plan; please locate these items in the concept plan.

Answer: See Answer 13.

Q39. Referring to SECTION 01010, Scope of work, Para 3.13, it refers that the contractor shall construct (2) vehicle refueling point while in the concept plan drawing # C-02 there are three refueling point on the site, please clarify.

Answer: See Answer 2.

Q40. Referring to SECTION 01010, Scope of work, Para 4.2, it refers that the contractor shall construct (19) guard towers while in the concept plan drawing # C-02 there are (17) guard towers only on the site, please clarify.

Answer: See Answer 14.

ARCH QUESTIONS:

Q41. In reference to **Large DFAC** drawings there is a conflict between drawing#A-103 “Reflected Ceiling Plan” & drawing # A-603 “Finish Schedule”, please advise which one to use.

Answer: Utilize the Finish Schedule A-603 for ceiling finishes.

Q42. In reference to **Small DFAC** drawings there is a conflict between drawing #A-102 “Reflected Ceiling Plan” & drawing # A-603 “Finish Schedule”, please advise which one to use.

Answer: Utilize the Finish Schedule for A-603 for ceiling finishes.

Q43. In reference to RFP 01010 Para#3.15 “Volleyball Courts” what are the technical requirements for permanent delineated boundaries.

Answer: The requirements for the permanent delineated boundaries are that the boundaries do not present a tripping hazard and that the delineated boundaries are permanent, in that they are not painted or other means that are easily disturbed or removed.

Q44. Please provide Concept Plan Drawing #C-02 to scale.

Answer: See Amended Concept Plan.

Q45. Please provide the total length of Fence needed for Motor Pool Areas.

Answer: See Concept Plan C-02 for fence lengths.

Q46. In reference to RFP 01010 Para#5.1.1 please provide the reference drawings titled “Power Plant” in Appendix B as they are missing.

Answer: See Answer 18.

Q47. In reference to Proposal Summary Sheet #004AA to construct 5 Small Arm storage but in reference to Concept Plan Drawing # C-02 there are 6 (907) small arm storage & 2 (1407) small arm storage plan with a total of 8 Small arm storage, please advise which one to follow.

Answer: See Answer 16.

ELECTRICAL QUESTIONS:

Q48. Referring to SECTION 01010, Para 4.3, entry control points, please clarify if the contractor shall provide area lighting for these items.

Answer: Section 01010, paragraph 4.3.1 states “Areas in the immediate outside vicinity of the guard sheds shall be lighted and provided with an all-weather, non-slip surface and shall be graded to sufficiently drain away from building and pedestrian areas.” See Section 01015, paragraph 8.5.2 for areas and lighting design levels.

Q49. Referring to SECTION 01010, Para 3.12, Vehicle wash rack; please specify the electrical requirements for this item.

Answer: As indicated in the second paragraph, provide power for the pressure pump.

Q50. Referring to SECTION 01010, Para 4.22, volleyball courts; please clarify if the contractor shall provide area lighting for these items.

Answer: The Contractor is not required to provide lighting for the volleyball courts.

Q51. Referring to SECTION 01010, Para 3.8, road network; please clarify if the contractor shall provide area lighting for these items.

Answer: The Contractor is not required to provide lighting for the road network.

Q52. Referring to SECTION 01010, Para 5.7, Telecommunication system; it shows that the communications duct banks shall run to all guard towers, guard shakes & ECP's, please confirm that no communications duct banks shall run to other buildings.

Answer: The telecommunications duct banks shall run to all buildings.

Q53. Referring to SECTION 01010, Para 5.7, Telecommunication system; it shows that the communications duct banks shall run to all guard towers, guard shakes & ECP's only, but if communications duct banks will be required to run to any other buildings, please specify these buildings.

Answer: The telecommunications duct banks shall run to all buildings.

Q54. Referring to SECTION 01015, Para 8.5.1, electrical distribution system, please clarify the location of the power plant building in the site layout.

Answer: See Amended Concept Plan C-02.

Q55. Referring to SECTION 01015, Para 8.5.1, electrical distribution system, please clarify if the supplying of the step up transformer is in the contract scope or not, and if yes please specify the ratings of these transformers.

Answer: There are no step-up transformers in the distribution system. (This clarification does not apply to the power plant as defined by paragraph 8.5.1.1)

Q56. Referring to SECTION 01015, Para 8.5.1, electrical distribution system, please specify the size of the existing medium voltage cable.

Answer: There is no existing medium voltage cable.

Q57. Referring to SECTION 01015, Para 8.5.1, electrical distribution system, please clarify if the capacity of medium voltage cable can serve the new load.

Answer: There is no existing medium voltage cable.

Q58. Referring to SECTION 01010, Para 5.1.1, site power & electrical distribution system, it refers to appendix B, and this appendix not exist in the RFP document, please clarify.

Answer: See Answer 29.

Q59. Referring to SECTION 01015, Para 8.5.1.1, it refers to that the individual back-up generators shall be provided for wastewater treatment plant, while this requirement doesn't exist in SECTION 01010, please advise.

Answer: The Contractor shall design and construct a Wastewater Treatment Plant (WWTP) per the requirements of Section 01015.

Q60. Referring to SECTION 01015, Para 8.5.1.1, it refers to that the individual back-up generators shall be provided for medical clinic, while this requirement doesn't exist in SECTION 01010, please advise.

Answer: The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 7-1 in this Section. All materials, finishes, and equipment shall comply with the requirements of Section 01015.

Q61. Referring to SECTION 01015, Para 8.5.1.1, it doesn't refer to that the individual back-up generators shall be provided for battalion headquarters buildings, while this requirement exists in SECTION 01010, please advise.

Answer: Add "The Battalion Headquarters buildings" to the list of facilities in the fourth paragraph of the 01015, section 8.5.1.1.

Q62. Referring to SECTION 01010, Para 5.1.1, it refers to that the site power & electrical distribution system shall be priced under bid item 003AE, while this bid item not exists.

Answer: See Amended Section 00010.

Q63. Referring to all barracks drawings, it is required to install AFCI receptacles in all sleeping quarters, please advise if we can use AFCI circuit breakers in the panel boards for receptacles circuits' instead of supplying AFCI receptacles, because that will decrease the total cost.

Answer: AFCI protection, or RCD protection, must be provided for all receptacle circuits in sleeping areas.

- Q64. Referring to SECTION 01010, scope of work, Para 5.1.1, please confirm that the power plant Generators shall be supplied by the Government, and the contractor will supply all appurtenances which necessary to meet all power requirements (like switchgear, synchronizing panel, cables, etc.....).

Answer: All generators are to be supplied by the contractor, see amended Section 01010.

- Q65. Referring to SECTION 01010, scope of work, Para 5.1.1 states “If this option item is exercised, this option item shall replace the Electrical Distribution System under paragraph 3.7.”, so please confirm that the cost of bid item # 0006AA will include the cost of all work including in the bid item # 0002AG plus the power plant

Answer: Paragraph 3.7 has been revised. Exercising of options does not impact the work or cost associated with CLIN 0002AG. Paragraph 5.1.1 is now part of paragraph 6 (optional items). A second optional CLIN has been added. The bid schedule and section 01010 now has an optional CLIN for Site Power and Electrical Distribution System (0007) and for Electrical Distribution System from the Existing Power Plant (CLIN 0008).

MECHANICAL QUESTIONS:

- Q66. Referring to RFP section 01010 Para# 3.4, it is required from contractor to drill one well to a depth of 350 m to 400 m, while in technical requirement section 01015 Para# 2.3.1.2 it is required from the contractor to drill a minimum of two wells to a depth of 350 m to 400 m, kindly clarify how many numbers of wells required to be drilled.

Answer: See Answer 30.

- Q67. Regarding the air compressor which will be located in Vehicle Maintenance Facility, please clarify the air flow rate and total pressure head for this air compressor.

Answer: The contractor is to size the air compressor based on the number of stations and usage factors. The specification has been updated to call out specific size compressors. While these requirements are not binding on the contractor, the contractor may choose to use this criterion in lieu of calculations. See below

1.1.1 COMPRESSED AIR SYSTEMS

“Compressed air system shall be in accordance with UFC 3-420-02FA. Compressed air shall be provided using a packaged air-cooled electric motor driven compressor and ASME rated receiver with air cooler and moisture separator to remove moisture and oil. For 1-3 maintenance bays, compressor shall be the reciprocating type with a minimum discharge working pressure of 930 kPa (9.3 bars or 135 psi), 4.0 kW (5.5 hp) compressor, and receiver tank of 270 l (70 gal). For 4-6 maintenance bays, compressor shall be provided with a larger 500 l (130 gal) minimum receiver tank (with the same working pressure and compressor size requirements). For seven (7) or more maintenance bays, compressor shall be increased to a 5.5 kW (7.5 hp) compressor, 500 l (130 gal) receiver tank (with the working same pressure). Noise level of air compressor should not exceed acceptable db limits.

The air distribution system shall be provided with necessary regulator valves to maintain desired pressure. Compressed air drops shall be provided in each maintenance bay, tire shop, tool room, paint shop and other areas requiring compressed air service. Where required, line filters,

lubricators, and/or hose reels shall be provided. Compressed air piping shall be black steel pipe and painted to match wall color.”

Q68. Regarding the fuel storage tanks for the six generators, please specify the number of working hours per day for those generates so that we can calculate the required fuel storage capacity.

Answer: The number of working hours for design calculations shall be 24 hours per day (continuous operation).

(End of Summary of Changes)