

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 8
2. AMENDMENT/MODIFICATION NO. 0004	3. EFFECTIVE DATE 05-Apr-2011	4. REQUISITION/PURCHASE REQ. NO. MIPROHRF2N0041		5. PROJECT NO.(If applicable) 11-C006
6. ISSUED BY AFGHANISTAN DISTRICT NORTH (AEN) US ARMY CORPS OF ENGINEERS OPERATION ENDURING FREEDOM APO AE 09356	CODE W5J9JE	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. W5J9JE-11-R-0067	
		X	9B. DATED (SEE ITEM 11) 22-Feb-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 _____ 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 Description: ANA PeC Garrison Growth Units and Electrical Upgrades (PeC#6) The purpose of this Amendment 0004 is to respond to Request For Information (RFI). *****continued on page 2*****				
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 05-Apr-2011

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 0004

- a. The proposal due date remain the same. Proposal due date is 3:00 pm local time, Sunday, April 10, 2011.
- b. The following are responses to Request for Information (RFI's) submitted.
 1. Could the offerors have drawing E-4 for the "Appendix B-2 AD6 Admin Bldg"

Drawing E-4 is provided (attached).

2. Could the offerors have information regarding the places and quantities of the flag poles in the project.

Flag poles are not required as part of this project.

3. The RFP is asking for design and construction of Potable Water System (PWS) for both works; ANA Pole Charki 2nd (#2) & Garrison Growth Units and Elect Upgrade (#6). Could you please clarify whether the PWS be connected to the existing system or design a complete water system with booster pumps and water storages.

Design and construct in accordance with requirements of the RFP.

Civil Questions:

4. Referring to RFP 01010 Para. 4.6.1. The UAV motor pool is 7,000 SM, Signal motor pool is 13,500 SM & the 6th Infantry motor pool is 22,400 SM, but in reference to site plan #C-101 these areas are different (UAV motor pool \approx 5,200 SM, Signal motor pool \approx 11,000 SM & the 6th Infantry motor pool \approx 26,000 SM) please advise.

Response: The motor pool sizes provided in RFP 01010 Paragraph 4.6.1 are correct. Adequate space exists at all three locations to adjust the motor pools to the size as indicated in Section 01010 of the RFP. The Contractor shall make the adjustments during the project design.

5. Please provide the length of chain link fence required for the motor pools area.

Response: The Contractor shall determine the length of fence required to enclose the motor pool areas based on the final configuration and size of each area.

6. Please provide the width of the personnel gates & vehicle gates required for the motor pool areas.

Response: Refer to the Motor Pool Area drawings (drawing set VM7) provided in the RFP.

7. Please provide properly scaled site plan.

Response: The bar scale provided on the site plan is correct.

8. Referring to para.4.6.1, the contractor shall design and construct three motor pool areas. Please specify the type of material to be used or a detailed description for it.

Response: Contractor shall construct motor pools using aggregate surface. Aggregate pavement surface should consist of 150mm thick Aggregate Base Course (ABC) material compacted to 95% maximum density. Provide 1.0 meter wide shoulder around all motor pools, consisting of an ABC material 150mm thick at 2.0%.

ABC material must be well graded, durable, uniformly moistened, and mechanically stabilized by compaction. Degree of compaction shall be expressed as a percentage of the maximum density obtained by the test procedure in ASTM D 1557.

Electrical Questions:

9. Referring to SOW section 01010 Para 4.7.e & Technical Requirements section 01015 Para 7.2.2.1.C , please confirm that the contractor will use more than one transformer to feed the remote buildings

Response: The contractor may, at their discretion, install additional transformers and extend the medium voltage distribution to feed buildings.

10. Referring to SOW section 01010 Para 4.7.e & Technical Requirements section 01015 Para 7.2.2.1.C , please confirm that the contractor can feed the remote buildings like 611, from the nearest existing transformer T29, to eliminate the voltage drop if we take its power from the new transformer near 682

Response: Contractor may take power from an existing transformer, if a spare breaker or space is available. If new equipment is necessary, it shall match existing equipment. Each breaker shall feed one building. Contractor shall investigate to confirm viability.

11. Referring to SOW section 01010 Para 4.7.e & Technical Requirements section 01015 Para 7.2.2.1.C , please confirm that the contractor can feed the remote buildings like 1002, from a nearest existing transformer T14, to eliminate the voltage drop if we take its power from the new transformer near 682

Response: Contractor may take power from an existing transformer, if a spare breaker or space is available. If new equipment is necessary, it shall match existing equipment. Each breaker shall feed one building. Contractor shall investigate to confirm viability.

12. Referring to SOW section 01010 Para 4.7.e & Technical Requirements section 01015 Para 7.2.2.1.C , please confirm that the contractor can feed the remote buildings like 1004,617, from a nearest existing transformers T15, to eliminate the voltage drop if we take its power from the new transformer near 682

Response: Contractor may take power from an existing transformer, if a spare breaker or space is available. If new equipment is necessary, it shall match existing equipment. Each breaker shall feed one building. Contractor shall investigate to confirm viability.

13. Referring to SOW section 01010 Para 4.7.e , please confirm that extending existing medium voltage cable is not in the contractor scope, if it is in the contractor scope please provide us with the existing 4 feeders cable sizes

Response: Contractor to extend medium voltage distribution as necessary. Existing feeders are 3-350MCM, 15 kV, Type MV-105 & 1-#2 AWG, 600V G. This is similar to 3-185mm², 15 kV, N2XSY & 35 mm² G.

14. Referring to SOW section 01010 Para 4.7.e , please specify if the contractor must connect to existing MV cable or the contractor can extend MV cable to be close to the new transformer location near 682

Response: The contractor shall connect to and extend the medium voltage distribution as necessary.

15. Referring to SOW section 01010 Para 4.7.e , please specify if can extend MV cable to be close to the new remote buildings 1010

Response: The contractor may extend the existing medium voltage distribution as necessary.

16. Referring to Technical Requirements section 01015 Para 7.2.1.1 ,please specify the power plant existing generators manufacturer, to match the new generators

Response: The existing generators in the power plant are 1320 kVA Caterpillar generators.

17. Referring to Technical Requirements section 01015 Para 7.2.1.2 ,please specify the power plant existing switchgear manufacturer and its type vacuum or SF6, to match the new switchgear cells

Response: Existing switchgear is manufactured by Russell Electric.

18. Referring to Technical Requirements section 01015 Para 7.2.1.2 ,Referring to the power plant switchgear new cells, please confirm that a spare area is reserved for these new cells

Response: There are no spare concrete pads available for the new equipment in the powerhouse.

19. Referring to SOW section 01010 Para 4.7.3, 4.10 , please confirm that the renovated buildings electrical service are already existing and not required under this contract

Response: Electrical equipment exists in buildings to be renovated. Electrical renovation of these buildings is required.

20. Referring to Appendix B-2 G-901-TRNL Drawing , please specify which Medium voltage feeder (red-blue-green-orange) have spare capacity for the new buildings, as per SOW section 01010 Para 4.7.e only the green feeder can be used, please advice if the other 3 feeders can be used as well

Response: Only the blue feeder (Feeder A) may be extended in Area A. In Area B, the Green or Orange feeders (Feeder C & D) may be extended as appropriate.

21. Referring to Appendix B-2 G-901-TRNL Drawing & Appendix B-1 Site Plan Drawing, please confirm that we can add new transformers to the blue and green medium voltage feeders to feed the remote buildings like 611, 1002, 1004, 617, 1010

Response: Contractor may extended the blue feeder (Feeder A) only in Area A. The contractor may extend the Green or Orange (Feeder C & D) in Area B as appropriate.

22. Referring to Technical Requirements section 01015 Para 8.3, regarding the telecommunication site distribution, please confirm that the new ducts system will extend from the existing communication distribution system (nearest manhole) as per Appendix B-2 E1.0-IFO drawing, and not necessary to extend ducts to the existing communication building

Response: Confirmed. Contractor shall extend the existing communication distribution system from the nearest communications manhole to the buildings, and install pull string or pull wire, as appropriate.

23. Referring to Technical Requirements section 01015 Para 8.5, regarding the existing communication building , please specify its location in Appendix B-2 E1.0-IFO drawing

Response: Unnecessary. Contractor shall extend comm. distribution from nearest manhole to buildings as appropriate.

24. Referring to Technical Requirements section 01015 Para 8, please confirm that exterior communication cabling is not in the contractor's scope

Response: Communication cabling is not in contractor scope. Contractor shall install raceway, ductbank, and pull wire or pull string as appropriate.

25. Referring to Technical Requirements section 01015 Para 8.5, please specify if we should extend communication cabling (if it is required) to the existing communication building, or to the nearest manhole in the existing communication distribution system

Response: Communication cabling is not in contractor scope. Contractor shall install raceway, ductbank, and pull wire or pull string as appropriate.

26. Referring to Technical Requirements section 01015 Para 7.2.2 & 8.4, please confirm that the contractor can use schedule 40 instead of schedule 80 for the direct buried ducts of the electrical and communication distribution system

Response: Schedule 40 PVC is only acceptable in underground, concrete-encased applications. Schedule 80 PVC conduit shall be used for all other direct burial applications.

27. Referring to Technical Requirements section 01015 Para 7.1.2 & electrical specifications , please confirm that the contractor can use IEC material and CE marked material although UL standard is specified for most of the electrical material specifications

Response: Contractor may use material that has been CE marked and type-tested by an independent, approved, third party testing laboratory to meet IEC criteria.

28. please confirm that no road lighting is required for the site new roads

Response: Confirmed. No road lighting is a part of this project.

29. Referring to Technical Requirements section 01015 Para 4.5.3.4 regarding UAV motor pool, signal motor pool , infantry motor pool areas, please confirm that no electrical work is required for it otherwise please specify the technical electrical requirements (exterior lighting etc)

Response: Per section 01010 of the RFP, contractor shall design and construct the three motor pools, and, also per Section 01010, contractor shall provide electrical power for all facilities to be constructed as part of this RFP.

30. Referring to Technical Requirements section 01015, no specifications are mentioned for the lightning protection or the fire alarm systems, please confirm that no lightning nor grounding systems are required for the new buildings

Response: Lightning protection is not required as part of this RFP. Grounding shall be provided per paragraph 7.2.7 of Section 01015. Fire alarm system shall be provided per the drawings provided.

31. Referring to Technical Requirements section 01015 Para 7.2.1, please specify under which pay item the emergency generator shall be included , the electrical site system or each admin building

Response: Emergency generator shall be part of the site system CLIN item.

32. Referring to Technical Requirements section 01015 Para 7.2.2, indicates that the electrical distribution system should be 100mm ,please confirm that the contractor can use 50mm diameter for the small cabling sizes

Response: Contractor shall install minimum 100 mm conduit for the electrical distribution system, per the RFP.

33. Referring to Technical Requirements section 01015 Para 7.2.3.2, indicates that the electrical interior conduits shall be EMT, please confirm that PVC conduits can be used embedded in finished areas instead of surface EMT conduits

Response: Contractor shall install surface mounted EMT conduit, per the RFP. Embedded conduit shall not be used.

Mechanical Questions:

34. Referring to section 01010 Para. # 4.4 please confirm that the required waste water treatment plant is not a part of this RFP as well as it will be constructed under another contract.

Response: Expansion of the WWTP is being completed under a different contract. No new WWTP is required under this contract.

35. Referring to section 01010 Para. # 4.6.1 please confirms that there is no mechanical work is required for the motor pool.

Response: Mechanical and plumbing work is required for the systems installed for the Motor Pool project. M&P work is not considered site improvements in this case.

36. Referring to RFP drawing (Appendix B-2 S3 - Small Arms Storage) concerning the arm storage building is not indicated this building but indicates vehicle maintenance & Pol building please clarify.

Drawings S3 (Small Arms Storage) and VM5 (Vehicle Main. & POL) are provided and labeled correctly. Bid the project with the information provided.

37. Please clarify if the fuel storage tanks are applicable according to ASME or equivalent to UL standard.

Response: Motor Pool drawings shows fuel storage and fueling point. The SOR does not specifically call for refueling. Verify the need for a refueling point. ASME and UL and UMC codes apply.

38. Please clarify if a new water treatment planet (tanks, pumps and chlorination system) is required for this project or not.

Response: Expansion of the WWTP is being completed under a different contract. No new WWTP is required under this contract.

39. Referring to section 01015 Para. # 5.19.5 Which states that “provide a day tank for each generator with a capacity of 2300 liters. preference is for this tank to be integral with the engine generator (belly tanks)”, kindly note that the standard day tanks which are supplied integral built-in the generator enclosure are sized

for 8-10 hours storage capacity as per manufacturer standard, please advise if this standard integral tank is sufficient or the contractor is requested to provide 2300 liters storage tank.

Response: Generators are selected by the design engineer, fuel capacity tank volume and standby capacity are as specified in the section. Day tank fuel capacity is small and not adequate for 48 hour capacity

40. Referring to section 01010 Para#4.4, Please clarify if a new waste water treatment plant (WWTP) is required for this contract or not.

Response: Expansion of the WWTP is being completed under a different contract. No new WWTP is required under this contract.

GENERAL Question

41. Section 00110 "Preproposal Conference" refers to a link that should contain pre-proposal conference slides and information for the current bid. But it seems the mentioned link is not up-to-date. Please advise.

Response: The Pre-proposal conference link is only a guide.

42. I have a question regarding the requirement for a Senior Structural Engineer (page 10 of 20). Could you please provide a definition for the term "Senior Structural Engineer?"

The reason I ask is that all Civil Engineers with a Civil Engineering degree can and sometimes do go toward an emphasis of Structural Engineering (vertical buildings) with less of an emphasis on horizontal projects (i.e. roads, bridges, site work, etc.). In the United States, an individual with a degree and a license to practice civil engineering can generally call themselves a structural engineer and can design structures up to a certain height. Usually these would not be considered "high-rise" buildings. In the United States, to design "high-rise" type buildings requires a specialized license in Structural Engineering. This project would not appear to require the specific services of a Senior Structural Engineer.

Any clarification would be very much appreciated

Response: A Senior Structural Engineer must have graduated college with at least a BS in Civil Engineering and either be professionally licensed as a Civil Engineer or a Structural Engineer. His/her experience must be in building structures, similar to those on this project, with at least 10 years experience.

Electrical Question

43. Referring to the Administration buildings reference design drawings, please clarify if it is required to supply UPS system for all Administration buildings such as (Admin Bldg AD3, Admin Bldg AD6) or not.

The UPS is not a part of the contract. Contractor shall install raceway with pull string or pull wire as appropriate to the UPS.

44. Referring to the Administration buildings reference design drawings, please clarify if it is required to supply rack mounted UPS for all Administration buildings such as (Admin Bldg AD3, Admin Bldg AD6) or not.

Response: The UPS is not a part of the contract. Contractor shall install raceway with pull string or pull wire as appropriate to the UPS.

- 45.** Referring to the Technical Requirements Section 01010 Para 4.7.2, please confirm that the contractor shall supply and install communication distribution system to all only administration buildings without any need to provide it in all other building types such as Barracks (B1 & B8), warehouse (S1), arms storage (S3), vehicle maintenance & POL Building (VM5) and ...etc.

Response: Contractor shall install a communication system as indicated on the drawings.

- 46.** Referring to the Technical Requirements Section 01010, please confirm that it is not required to provide or supply complete standard fire alarm system to all project buildings, otherwise please specify technical requirements of fire alarm system and also which buildings of project require this fire alarm system.

Response: Contractor shall provide a fire alarm as indicated on the drawings.

(End of Summary of Changes)