

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE J	PAGE OF PAGES 1   9
2. AMENDMENT/MODIFICATION NO. 0004	3. EFFECTIVE DATE 05-Apr-2011	4. REQUISITION/PURCHASE REQ. NO. PROJECTNUMBER11C002		5. PROJECT NO.(If applicable) 11-C002
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) <b>See Item 6</b>		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. W5J9JE-11-R-0064	
		X	9B. DATED (SEE ITEM 11) 22-Feb-2011	
			10A. MOD. OF CONTRACT/ORDER NO.	
			10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
<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)				
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>				
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 Pol-e-Charki 2nd BDE, Kabul, Afghanistan.  The purpose of this amendment 0004 is to provide a response to Request For Information (RFIs). *****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 unchanged. Proposal due date is 3:00 pm local time, Monday, April 11, 2011.
- b. The following are responses to Request For Information (RFI's).

1. Could the offerors have drawing E-4 for the "Appendix A6 Admin Bldg"

Response: Drawings E-4 is provided (attached)

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

Response: Flag poles are not required as part of this project.

3. For preparing a more comprehensive and competitive bid we would like to request one (1) week extension for all offerors.

Response: No extension granted at this time.

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

Response: Design and construct in accordance with requirements of the RFP.

5. SECTION 00010 as item 0001F, Water System Connection, indicates that this project just includes connecting the facilities to an existing water system, but then in Section 01010, Article 4.2 indicates that the Project includes the design and construction of a Potable Water System (PWS). Please clarify this issue. Does this Project only include the design and construction of the water service lines from the new facilities to an existing potable water supply system or does it include the design and construction of the service lines and the distribution system?

Response: Facilities requiring water service connections require water service lines. During design the designer will determine where extensions to water mains are required.

6. SECTION 00010 as item 0001G, Sanitary Sewer Connection, and Section 01010, Article 4.3 indicates that all new facilities are to include new sanitary sewer service lines connected to the existing underground sanitary sewer collection system, but then it goes on to say that the sanitary sewer collection system shall be designed and constructed by the Contractor and connected to an existing sewage treatment plant. Does this Project only include the design and construction of the sanitary sewer service lines from the new facilities or does it include the design and construction of the service lines and the collection system?

**Response:** Facilities requiring sanitary service connections require water service lines. During design, the designer will determine where extensions to sanitary mains are required.

**Architectural Questions:**

7. Regarding Administration Bldg (A8 Modified), the area shown on drawing is 870 M<sup>2</sup>, while according to scope of work 01010 Para 4.8.2 c the area is 821 M<sup>2</sup>, Please clarify.

**Response:** Facility area to follow drawings in Appendix B: 870 M<sup>2</sup>.

8. Regarding Administration Bldg (A8 Modified), Please provide us with missing drawing numbers (A1 – A4 – A6 – A8 – A10 – A11).

**Response:** Drawings are provided; see attached.

9. Regarding Administration Bldg (A8 Modified), the scope of work 01010 states “Convert the following rooms into open office space: cells (101, 102); weapons (113); evidence (114); observation room (118); interrogation rooms (119); commander’s sleeping quarters (206)” which doesn’t match the number of rooms shown on plumbing drawing ,Please clarify.

**Response:** Bidder to modify the rooms listed by their numbers on the architectural drawings (note that the room names synch between drawings). Cells should be rooms 102 and 103.

**Civil Questions:**

10. Referring to Scope of Work, para.4.6, the contractor shall incorporate force protection setbacks for new facilities as indicated in the Site Plan (C-101) to the maximum extent possible as permitted by size of the site and the requirements of the user. Yet, they are mentioned neither in the site plan nor in the proposal schedule. Please clarify.

**Response:** Force protection setbacks have been incorporated into the Site Plan (C-101) to the fullest extent possible. Contractor shall maintain setbacks as shown in the plan. There is no direct cost to force protection setbacks and therefore no line item is required in the Proposal Schedule.

**Electrical Questions:**

11. Referring to SOW section 01010 Para 4.5.C & Technical Requirements section 01015 Para 7.2.2.1.C , please confirm that we can use more than one transformer to feed the remote buildings like 682,644,645,643,656,657

**Response:** Additional transformers may be used to feed remote buildings. The transformers listed in the RFP are the minimum new transformers that the contractor must install.

12. Referring to SOW section 01010 Para 4.5.C , please specify if the new transformers ratings shall be not less than 300 KVA , even if the loads were less than this value, or the contractor should calculate the demand load to calculate the transformer rating

**Response:** The transformer is to be a minimum 300 kVA, per the RFP.

13. Referring to SOW section 01010 Para 4.5.C & Technical Requirements section 01015 Para 7.2.2.1.C , please confirm that the contractor can feed the remote buildings like 682, from the nearest existing transformer T27, to eliminate the voltage drop if we take its power from the new transformer near the existing transformer T21

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.

14. Referring to SOW section 01010 Para 4.5.C & Technical Requirements section 01015 Para 7.2.2.1.C , please confirm that the contractor can feed the remote buildings like 656,657, from the nearest existing transformers T7 or T25, to eliminate the voltage drop if we take its power from the new transformer near the existing transformer T21

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.

15. Referring to SOW section 01010 Para 4.5.C & Technical Requirements section 01015 Para 7.2.2.1.C , please confirm that the contractor can feed the remote buildings like 644,645, from the nearest existing transformers T7 or T8, to eliminate the voltage drop if we take its power from the new transformer near the existing transformer T21

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.

16. Referring to SOW section 01010 Para 4.5.C & Technical Requirements section 01015 Para 7.2.2.1.C , please confirm that the contractor can feed the remote buildings like 643, from the nearest existing transformers T28, T8, to eliminate the voltage drop if we take its power from the new transformer near the existing transformer T21

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.

17. Referring to SOW section 01010 Para 4.5.C , 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 3-185mm<sup>2</sup>, 15 kV, N2XSY & 35 mm<sup>2</sup> G.

18. Referring to SOW section 01010 Para 4.5.C , please specify if the contractor must connect to existing MV cable or the contractor can extend MV cable to be close to the remote new buildings

Response: Existing distribution may be extended as necessary.

19. Referring to SOW section 01010 Para 4.5.C , please confirm that no changes for the existing power plant is required in the contractor scope

Response: Confirmed. No changes in power plant.

20. Referring to SOW section 01010 Para 4.5.3, 4.9 , 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.

21. 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 4.5.C only the orange feeder can be used, please advice if the other 3 feeders can be used as well

**Response: The orange or green feeders (feeders C & D) are the only acceptable feeders to use in this project.**

22. Referring to Appendix B-2 G-901-TRNL Drawing & Appendix B-1 Site Plan Drawing, please confirm that the contractor can add new transformers to the orange and green medium voltage feeders to feed the remote buildings like 682,644,645,643,656,657

**Response: If necessary, additional transformers may be added to the power distribution system.**

23. 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.**

24. 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.**

25. 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.**

26. 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 a part of contractor scope.**

27. Referring to SOW section 01010 Para 4.5.3, 4.9, please confirm that the renovated buildings communication service are already existing and not required under this contract

**Response: Per paragraph 4.5.2 of Section 01010, all admin buildings require communications service entrance, communications rack, raceway, etc.**

28. 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.**

29. 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.

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

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

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: Include the emergency generator in the electrical site distribution.

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 100mm conduit for the electrical distribution, 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 mount EMT conduit, per the RFP. Embedded conduit shall not be used.

#### **Mechanical Questions:**

34. Referring to SOW section 01010 para#4.3, Please clarify if a new waste water treatment planet (WWTP) is required for this contract on not.

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

35. Please specify the total capacity of persons this project will serve.

Response: Total installation population will range between 10,000 – 11,000 persons.

36. 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.

37. Referring to technical requirement section 01015 Para# 5.19.1, please clarify if the contractor is going to provide main fuel storage tanks for the generators or not.

Response: Yes. Ref. 01015 Para 5.19.1 a. "Provide above-ground, horizontal storage tanks."

38. Regarding section 01015 para 5.19.1 concerning the requirement of 48 hours storage day tank of the generators, kindly note that 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 48 hours separate storage tank.

Response: Yes. Ref. 01015 Para 5.19.1 b. "Provide a day tank for each generator with a capacity to support the generator operating at 100% load for 48 hours"

39. Regarding fuel tanks of the generators, are they required to be UL listed or the contractor can provide them according to DIN / EN or equivalent standards.

**Response: Yes. ASME and UL and UMC codes apply.**

### **GENERAL Question**

40. 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 advice.

**Response: The Pre-proposal conference link is for reference use only.**

### **Electrical Question**

41. Referring to the Administration building (A4) design drawings, Reference design drawing (E-102) show that there is 100KVA UPS system, please clarify if it is required to supply this UPS for this administration building (which means if it is in contract scope of work) 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.**

42. Referring to the above questions, please clarify if it is required to supply UPS system for all other Administration buildings such as (Admin Bldg A6, Admin Bldg A8, Admin Bldg A9 and ...etc) 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.**

43. Referring to the Administration building (A4) design drawings, Reference design drawing (E-502) show that there is 2000VA rack mounted UPS system for each telephone and data communication racks, please clarify if it is required to supply these rack mounted UPS for communication racks (which means if it is in contract scope of work) or not.

**Response: The UPS is not a part of the contract. Contractor shall install communication raceway, rack, and pull string or pull wire as appropriate.**

44. Referring to the above questions, please clarify if it is required to supply rack mounted UPS s for all other Administration buildings such as (Admin Bldg A6, Admin Bldg A8, Admin Bldg A9 and ...etc) or not.

**Response: The UPS is not a part of the contract. Contractor shall install communication raceway, rack, and pull string or pull wire as appropriate.**

45. Referring to the Technical Requirements Section 01015 Para 7.2.9 of Fire alarm system, please advise if it is required to supply and install complete standard fire alarm system including but is not limited to Fire alarm control panel, manual pull station, horns, strobes and all the other fire alarm devices which are required in the following facilities:

- a. Ware House (S1).
- b. Arms Storage (S3).

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

46. Referring to the Technical Requirements Section 01015 Para 7.2.9 of Fire alarm system, please advise if it is required only to supply and install single station stand alone smoke detector with battery backup in all Barracks buildings (B1 & B8) without any need to complete fire alarm system.

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

47. Referring to the Technical Requirements Section 01010 Para 4.5.2, 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) and ...etc.

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

Additional RFI questions.

48. Please send the key plan regarding the existing sanitary sewer system and water system.

Response: The Pol-e-Charkhi Construction Project # 3 existing and conceptual utility drawings are being provided for information only. The Contractor is responsible for verifying the accuracy of these drawings.

49. What is the approximately population density for which the sanitary sewer system and water system design is requested?

Response: The Contractor is not constructing a full sanitary sewer system or water system design under this project. This contract only includes sanitary sewer and water mains that are required to connect the new facilities into the existing Pol-e-Charkhi (PeC) utility systems. The Contractor shall size pipes for both systems according to the needs of the facilities to be built. Population density is irrelevant to this project. Upgrades to the PeC utilities are being made under other concurrent contracts, with water and sewer upgrades specifically addressed under the PeC #3 construction project. The Contractor for this project is responsible for verifying the utility system layout and coordinating with other concurrent PeC construction projects.

50. Since the existing site level of the area is not available, please inform us whether an external additional filling material will be required during the site grading / leveling?

Response: Contractor is responsible for making these determinations in their design.

51. Who shall supply water storage tank and booster pump?

Response: Water storage is not part of this contract. Should the Contractor find that water pressure at the buildings is too low then the Contractor must design and construct the booster pumps to address the issue.

52. What is the number of the existing wells?

Response: Water supply for Pol-e-Charkhi is adequate and the number of wells is not relevant to the current contract. Contractor is connecting into an existing water supply system.

53. Please indicate a construction phasing for the infrastructure works too ( Water System , Sanitary Sewer system , Site communication system , Electrical system )

Response: The only infrastructure constructed under this contract is to serve the new facilities (or renovated facility if required), therefore phasing will be the responsibility of the Contractor.

54. What does the lines mean shown in the drawing G-901 in blue, red, orange and green color? Further what is the explanation of the abbreviated codes like T4, T28; please clarify?

Response: The lines are the general routing of the electrical distribution system. The different colors indicate the different feeder circuits on the installation. The T4, T28 are the existing transformer numbers.

55. In which areas side grading are required other than the buildings, which new construction is required?

Response: Site grading is only required around new facilities.

56. What are the abbreviations C, D, T and E/T meaning in the drawing with reference no: E1.0?

Response: The T abbreviation indicates communications distribution ductbank. E/T indicates combined electrical and communications distribution ductbank. The C and D pointing at the distribution system indicate the primary distribution feeders available in that ductbank.

57. Please provide information about the lengths of the Water System, Sanitary Sewer system, Electrical System and Site Communication lines?

Response: Contractor is responsible for designing the Water System, Sanitary Sewer system, Electrical System and Site Communication lines to make any new required connections to the existing systems.

58. Please provide concept section drawings of the Electrical System and Site Communication system?

Response: Contractor to determine. Contractor shall provide a minimum 2 new transformers, per the RFP.

59. The drawings no. E.1.11, E.1.12, E.1.13 and E.1.14 referred in drawing no. E.1.0 are not contained in the tender file. Please send it?

Response: The drawing E1.0 is provided for information only from a previous project. It is not appropriate to include those drawings in this contract.

60. Are the concrete walkways only requested between the facilities to be build new? Or are walkways network also requested between the buildings to be renovated? Please provide more detailed information about concrete walkways?

Response: Concrete walkways are to be constructed around new buildings and are also required to connect new buildings to adjacent existing buildings. Renovated buildings do not require new sidewalks.

61. Please provide more detailed information about demolition activities?

Response: Contractor shall make a site visit and determine the extent of demolition prior to bidding.

(End of Summary of Changes)