

| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | 1. CONTRACT ID CODE | PAGE OF PAGES | |
|---|----------------------------------|---|--|---|---|
| | | | J | 1 | 6 |
| 2. AMENDMENT/MODIFICATION NO. 0001 | 3. EFFECTIVE DATE 25-May-2004 | 4. REQUISITION/PURCHASE REQ. NO. W38XDD-3282-3602 | | 5. PROJECT NO.(If applicable) | |
| 6. ISSUED BY US ARMY CORPS OF ENG.-NASHVILLE DISTRICT CELRN-CT, ROOM A604 110 NINTH AVE. SOUTH P O BOX 1070 NASHVILLE TN 37202-1070 | CODE W912P5 | 7. ADMINISTERED BY (If other than item 6) CONTRACTING DIVISION (JWA) EMAIL: JOHN.W.ANDERS@USACE.ARMY.MIL TEL:615-736-7912 FAX:615-736-7124 NASHVILLE TN 37202-1070 | | CODE H3P0000 | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) | | | X | 9A. AMENDMENT OF SOLICITATION NO. W912P5-04-R-0004 | |
| | | | X | 9B. DATED (SEE ITEM 11) 26-Apr-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 checked="" type="checkbox"/> is extended, <input 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.) SEE ATTACHED CONTINUATION PAGE | | | | | |
| 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 | | 16C. DATE SIGNED | |
| _____ (Signature of person authorized to sign) | | BY _____ (Signature of Contracting Officer) | | 25-May-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:

Question Responses:

- 1. This Amendment hereby extends the time for submission of the required documents as outlined in the solicitation to 4:00 PM local time 4 June 2004.** The documentation must be submitted to the address as identified in block 7 on the Standard Form 1442 date issued 26 April 2004.
- 2.** Delete the second paragraph from Section 01012, Design After Award.
- 3.** Prospective contractors should assume for the prototypical project that the initial design coordination meeting and the three design review meetings would be held at the Kentucky Lock Addition Resident Office which is located immediately adjacent to Kentucky Lock.
- 4.** The prototypical project does not include lawns, paved drives, parking, or sidewalks. A minimum concrete apron at the roll-up door with appropriate bollard protection at each side of the door should be assumed.
- 5.** Prospective contractors should assume no fire sprinkler system is required, and no rack storage units are required.
- 6.** Standard warehouse ventilation requirements should be assumed. Four air changes per hour is adequate.
- 7.** The prototypical project does not require site lighting.
- 8.** The proposed footprint of the building should be considered to be within the limits of an engineered fill. No unusual subsurface preparation should be anticipated.
- 9.** The floor slab design criteria is being corrected to a requirement of only 1,200 lbs. per square foot.
- 10.** Prototypical Project Scope, section 2.B.ii: is the grounding mat intended to be cast into the floor slab or is it in the aggregate subbase below the slab? Below the slab.
- 11.** Prototypical Project Scope, section 2.B.iii: Is the facing to be textured tilt-up concrete, split-faced concrete masonry, or a choice between the two? If it is a choice, is it the Owner's choice or the Contractor's? Contractor's choice.
- 12.** Prototypical Project Scope section 2.B.iii: If tilt-up concrete is chosen for the building facing, may precast concrete panels be used instead? Yes, precast concrete panels are acceptable for the tilt-up option.
- 13.** Prototypical Project Scope section 3.B: Does the Corps have standard specifications that shall be used? If so, can these be made available for review by the bidders? If not, are notes on the drawings or the designer's specification system acceptable? Section 01012, "Design After Award" thoroughly describes allowable specifications formats; although the second paragraph under 1.8.1 is not applicable to this solicitation, and is hereby deleted.
- 14.** Prototypical Project Scope section 3.1)a: Does the Corps have CAD standards that shall be used? If so, can these be made available for review by the bidders? Section 01012, "Design After Award" thoroughly describes CADD requirements.

15. Prototypical Project Scope section 3.1)b.i: Can calculations be submitted in Adobe pdf format instead of Microsoft Word 97? Adobe PDF format is acceptable for design calculations.
16. There are no picture or drawings of the existing warehouse available.
17. There is no site work required beyond 5" outside the building perimeter.
18. The contractor shall assume any excess excavated material and is responsible for hauling it off site to an approved disposal site.
19. Assume a clean, unobstructed, and level site for the new warehouse.
20. Assume 2 foot depth for the existing copper grounding grid.
21. Assume 6 inches above existing grade for the finish floor elevation relative to the existing grade.
22. A parapet wall shall not be required at the perimeter of the building.
23. The roof drainage requirement is hereby changed to standard perimeter guttering with exterior downspouts in lieu of interior gutter and downspout system.
24. There will not be any permits required for these projects.
25. The costs for these projects shall be annotated on the Section 00010 - Solicitation Contract Form included in the solicitation. Only the lump sum amounts are required no breakdown of individual costs are required.
26. Figures and tables can contain text smaller than the specified 12pt font as long as the information is complete, precise, and readable.
27. The 25 page requirement is adequate for these projects.
28. Replace the original Scope of Work dated March 22, 2004 with the revised version dated May 25, 2004 listed below.

**PROTOTYPICAL PROJECT INFORMATION
SCOPE OF WORK**

May 25, 2004

**revisions to the March 22, 2004 version shown in bold italics*

**KENTUCKY LOCK ADDITION
POWERHOUSE ISLAND HYDRO WAREHOUSE**

1. GENERAL

The following scope of work is for the design, development of Architectural and Engineering construction documents and construction of a warehouse to be located on the powerhouse island. The construction documents should be developed to a level of detail necessary for the Contractor to perform the construction; allow the Government to ensure the major project components meet cost, quality, and design criteria; and shall adhere to the appropriate building codes for this geographic area. ***No pictures or drawings of the existing warehouse are available for provision to Contractor(s) by the Government. No building permits or any other such permits from local jurisdictions or municipalities shall be required.***

2. PROJECT TASK REQUIREMENTS

The Contractor shall develop the construction documents based on the attached schematic design drawings, guidance provided in this scope, and shall adhere to: the current editions of the Standard Building, Plumbing, Electrical, and Mechanical codes, NFPA 101, and the Americans with Disabilities Act. The Contractor's effort should produce a set of design/ construction documents stamped by a registered Engineer or Architect. The drawings shall include all structural components, foundation drawings, reinforcing drawings, architectural drawings, finish schedules, utility (within and without the building) plans and site drawings.

- A. **SITE WORK.** The attached site plan shows the approximate location for the proposed warehouse and the area available for the Contractor's work limits. Prior to the warehouse construction, the Government will stake the location of the proposed warehouse building corners and will relocate the fencing as required. ***No site work beyond five (5) feet outside the building perimeter will be required. The Contractor shall be responsible for hauling excess excavated material to an approved disposal site off Government property. The Contractor shall be responsible for coordinating disposal, paying all associated costs, and obtaining all required permits.***
- B. **BUILDING CRITERIA/REQUIREMENTS.** The drawings for the structure shall be based on the site and the architectural drawing showing the plan of the warehouse.
 - i) **Dimensions and basic features.** The warehouse shall have nominal dimensions of 50' by 80' as shown on the floor plan. The clear, interior height should be a minimum of 25'. A 24' wide by 24' high sliding metal door shall be provided on the southeast side of the warehouse and a 12' wide by 24' metal roll-up door on the northwest side. These shall be similar in design to the existing warehouse. ***Concrete aprons at the roll-up doors shall be provided with appropriate bollard protection at each side of the door.*** Two metal pedestrian doors shall be provided with aluminum doorframes. A unisex restroom with one lavatory and one water closet shall be provided.
 - ii) **Foundation.** ***The proposed footprint of the new warehouse exists as a clean, unobstructed, level site considered to be within the limits of an engineered fill. No unusual subsurface preparation should be anticipated. Therefore preparations for the foundation shall be addressed accordingly.*** A concrete slab-on-grade structure is anticipated ***with a finish floor elevation to be six (6) inches above existing grade.*** The warehouse's floor will be designed and constructed to

be able to support not less than a live load of **1,200** lbs per square foot. The Contractor is responsible for insuring that the foundation and floor are capable of supporting both live and concurrent dead loads. *The Contractor is advised that a grounding mat comprised of 4/00 copper wire on 4' centers is located **two (2) feet deep within the aggregate subbase** of the proposed warehouse's footprint. Any foundation features that cut this grid will require its' repair through appropriate splicing techniques.*

- iii) **Structural/Architectural.** This warehouse's structural features will be based on existing pre-manufactured systems and will conform to appropriate building codes. No wood products will be allowed in the construction of the warehouse. The exterior facing of the warehouse shall be textured tilt-up concrete *or* split-faced block. ***Precast concrete panels are acceptable for a tilt-up concrete facing.*** Wall insulation shall provide a minimum of R=11 insulation value. The roof will be a hip style and a standing-seam metal in construction. The roof pitch shall be not less than 5 in12 or per the manufacturer's required minimum, whichever is greater. The seams shall be on 12" centers with a seam height of 2" minimum. The roof metal shall be "Galvalume" and shall have insulation provided to a minimum level of R=30. For the design of this roof, the Contractor shall add 5-lbs/sq. ft. collateral load beyond the appropriate standard design loading for this geographic area. ***Standard perimeter guttering with exterior downspouts shall be incorporated into the design.***
- iv) **Building Systems.** The Contractor is responsible for all of the warehouse's electrical, mechanical, telephone, and plumbing systems. The design should assume that the Contractor will "stub-out" these systems to a point 5' outside of the footprint of the warehouse. The Contractor shall also be responsible for installation of empty conduits for the security system (to be installed by the Government). The Government will be responsible for providing water, sanitary sewer, telephone and electrical connections to these below grade stub-outs. The sanitary sewer stub-out should be designed to be as high in elevation as possible. ***A fire sprinkler system is not considered part of this project. Also, storage rack units will not be required. The Contractor shall be required to install standard, permanent warehouse ventilation capable of providing four air changes per hour. The Contractor will not be required to install permanent site lighting.*** The electrical and mechanical requirements are identical to the existing warehouse (e.g., lighting, 6-480V electrical outlets, etc.). Electrical heating is to be designed to maintain a minimum 40 degrees Fahrenheit interior temperature. The warehouse's electrical system will be required to be grounded to the above mentioned 4/00 copper transmission yard grid.

C. **MISCELLANEOUS.** Per contract Section 00800, paragraph 7.2.1.7 this shall be a non-fast track task order.

4. REVIEW CONFERENCES, AND FORMAT OF DESIGN SUBMITTALS

- i) ***Base contract Section 01012, paragraph 1.6 states that review conferences will be held at the Nashville District Corps of Engineers office. However, for the prototypical project, design review conferences and other necessary coordination meetings shall be held at the Kentucky Lock Addition Resident Office which is located adjacent to Kentucky Lock.***
- ii) The contractor shall submit preliminary (20%), interim (60%) and final construction documents.
- a) Drawings shall be CADD files compatible with "Microstation" as well as 5 printed copies on 22' x 16" paper in a standard architectural scale. The Contractor will incorporate the TVA title block on the drawings that will be supplied electronically by the Government. ***Refer to base contract Section 01012, Design After Award for additional drawing requirements.***

- b) Specifications shall be in an electronic format compatible with Microsoft Word 97. The Contractor shall also submit 5 printed copies of these documents on 8.5" x 11" paper using a 12 pt. Times New Roman font.
- iii) Any supporting documentation and/or calculations shall be submitted in an electronic format compatible with Microsoft Word 97, Microsoft Excel 97 (or later versions), *and / or Adobe .pdf format*. The Contractor shall also submit 5 printed copies of these documents/calculations on 8.5" x 11" paper using a 12 pt. Times New Roman font.
- iv) The Government may return to the Contractor for corrections, completion and resubmission any submitted work that shows technical or coordination deficiencies. Should this become necessary, the schedule of this Scope of Work shall not be adjusted for the resubmission. Costs associated with the resubmission shall be borne by the Contractor.

5. SCHEDULE OF DESIGN SUBMITTALS

Five copies of submittals shall be distributed (to persons to be named at a later date) by the Contractor as directed by the Government. The Government shall have 30 days to review each submittal and provide a response to the Contractor.

- v) An initial coordination meeting shall be held within 5 working days of award of the task order.
- vi) A submittal is required at the 20% level within 15 working days following the site visit.
- vii) A submittal is required at the 60% level within 20 working days of receipt of 20% review comments.
- viii) A 100% submittal of all drawings and supporting documents shall be required within 30 working days receipt of 60% review comments.
- ix) Construction shall be initiated within 10 working days of approval of the 100% submittal.
- x) Construction shall be completed within 150 working days of start of construction.
- xi) Total amount of time to complete this task order shall be 257 working days.

6. CONSTRUCTION SUBMITTALS

As part of design the Contractor shall be responsible for specifying required submittals in the construction documents for this project. The Contractor shall also be required to draft the submittal register to be utilized for tracking these submittals.

-----END OF AMENDMENT-----

(End of Summary of Changes)