



INVITATION FOR BIDS

2010-6570-1505

July 2, 2010

City of Newport News

OFFICE OF THE PURCHASING DIRECTOR

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Walkers Dam Rehabilitation Project – Phase II, Contract No. 83

ADDENDUM 3

It is agreed and understood that the following changes shall be made part of the original Invitation for Bids (IFB)

This published addendum consists of four (4) pages as follows:

- 1. Addendum Cover page (1) - Addendum announcement and description.*
- 2. Questions and Answers (3) – Pages 1-3 address bidder questions, Section B on page 3 is a list of clarifications regarding various items related to the work.*

Bid Due: July 9, 2010 @ 2:30 P.M.

Contract Officer:

Marie-Therese (Mimi) M. Gartner, CPPB, Senior Buyer, (757) 926-8040, email: mgartner@nngov.com

PLEASE INCLUDE THIS SIGNED ADDENDUM PAGE WITH YOUR SUBMITTAL

Company Name: _____

Print Name: _____ Title: _____

Signature: _____ Date: _____

(This Form Must Be Signed. Signature must be original, not photocopied)

A. Answers to Bidder Questions

1. Please indicate what line item the fill below the boat lock and fish passage structure will be paid for under.

ANS: The fill below the boat lock and fish passage structure will be paid for under Bid Items 14 and 16, respectively.

2. Drawing S-0-01 note "Cofferdam Backfill" specifies a type of material to use as backfill. Is this intended to be used as fill in the scour hole under the boat lock and fish passage structures?

ANS: Fill may be placed within the boat lock and fish passage structure permanent cofferdams for stability. Placement of fill outside of the cofferdams is limited to those areas shown on the Drawings, including the Scour apron on the downstream side of the dam and fill areas at the abutments and debris removal area.

3. Specification section 01200 details payment for all items. The boat lock and fish passage line items indicate that these line items pay for all items not included in other bid items. Is it the intent for the sheet piling cofferdam to be paid for under the lump sum items for the boat lock or fish passage structure or under a sheet piling line item?

ANS: Permanent sheet pile for permanent cofferdams at the boat lock and fish passage shall be paid for under the unit price Bid Items 10 and 9, respectively. Any temporary sheet pile, that will not be left in place as part of the permanent works, shall be paid for under the appropriate lump sum Bid Item for that part of the work; e.g. – temporary sheet pile used for temporary cofferdam at the right abutment would be included under Bid Item 17.

4. Will the H-pile detailed in section A of drawing S-1-64 be paid for under the fish passage line item or under the H-pile line item?

ANS: The H-pile shown in the referenced section should be included under unit price Bid Item 11.

5. Please indicate which line item that the concrete fill on drawing S-1-04 will be paid for under.

ANS: The concrete backfill shown on S-1-04 should be included under Bid Item 19.

6. Will the excavation and backfill in section A of drawing S-1-11 be paid for under the line items 3 and 4? If not, then what line item will they be paid for under?

ANS: Yes, excavation and common fill indicated on the referenced section should be included in Bid Items 3 and 4, respectively. Please note that costs for the left abutment subsurface drain that is also shown on Section A, S-1-11 should be included in lump sum Bid Item for the left abutment – Bid Item 18.

7. The limits of excavation are well established for the right abutment on sheet S - 3 - 73 and the limits are noted for the left abutment on sheet WS - 1 - 02, however at the debris removal area the limits are not defined. Are we to excavate to just below

the tie rod elev. of -1.7 or deeper?

ANS: Required excavation at the debris removal area shall be to just below the new works shown on the Drawings.

8. Per spec. section 02315-3 3.02 (B) Where are the designated stockpile areas for excavations "suitable" for backfill ?

ANS: General location for stockpiles shall be within the work limits shown on the Drawings or, if needed to accommodate Contractor's means and methods, in Contractor provided barges staged on the River. The specific locations shall be proposed by Contractor and approved by Engineer.

9. Per spec. section 02315-3 3.03 (B) How will the areas identified as unsuitable foundation, "undercut" be paid ?

ANS: These areas, if encountered, will be paid under Bid Item 3.

10. If sheet piling are driven in between the battered H-pile on the downstream of the dam, can the dam H-pile retrofits on drawing S-1-20 be driven during the time of year restrictions?

ANS: Work in the River during the TOYR may only be performed within fully enclosed cofferdams installed prior to the beginning of the TOYR. If the proposed sheet piling forms a fully enclosed cofferdam, the concept should be acceptable.

11. In the specifications section 03300.2.03 SILICA FUME is specified. What minimum weight per cubic yard required for this project? Will the owner allow flyash as a substitute for silica fume if the ready mix concrete supplier can show data supporting similar performance?

ANS: Silica fume and fly ash requirements are that it be included in the mix design in accordance with 03300.2.03 at a level to show acceptable performance in accordance with 03300.1.04.

12. Is FIBER REINFORCEMENT required in all of the ready mixed concrete for this project or only where specifically called out? What is the minimum weight per cubic yard required for this project?

ANS: Fiber reinforcement requirements are in accordance with 03300.2.01.

13. Specification Section 05120 3.05A Limits the use of gas cutting torches, specifying all cutting using gas torches must be approved by the engineer in advance. Does this restriction apply to situations where holes need to be either burned or drilled in the Sheet Piles before the holes for the anchor rods can be drilled into the concrete? We would like to burn these holes using a Broco torch, rather than drilling.

ANS: Methods and procedures for waler system anchor rods are submitted for approval in accordance with 02250.3.05.

14. Will driving spuds to anchor a barge be restricted during the Feb 15th to June 30th time of year restriction?

ANS: No - driving spuds is acceptable.

15. On drawing S-1-71 there two pairs of sheets driven perpendicular to the water system at the top of the page. Please provide a detail of this intersection / connection.

ANS: Contractor's sheet pile fabricator is to provide prefabricated or engineer designed corner, angled, or straight filler pieces, with interlocks, as required, to install the sheet piles as a fully connected system between starting and ending points of the alignment.

16. In order to start the test pile program early in the project, a deck slab will have to be removed prior to the new AZ-19 sheet piling driven upstream of the dam. An example is on drawing S-1-04, the test pile between bents 50 and 51. Will this be acceptable?

ANS: The installation of the test pile can take place prior to the installation of the new upstream sheet pile cut-off wall, with the installation and temporary bracing methods and procedures submitted for approval in accordance with the requirements contained in the contract documents. Note also, the entire deck between existing bents may not necessarily require demolition prior to placement of a single test pile between the bents, potentially minimizing the temporary bracing requirements.

17. Will removal of debris on the upstream side of the dam in order to install the new AZ-19 sheet piling be paid for under bid item 2 of the contract?

ANS: Yes.

B. Clarifications to Bidders

The following is a listing of clarifications to the bidders regarding various items related to the work.

1. The Contractor will be responsible for removal and disposal of all existing wood and steel piles and structures to be demolished to at least the mudline or at a sufficient depth and lateral extent below the mudline to allow for installation of new components of the project. This especially applies to removal of existing wooden and steel piles and structures where new H-piles are to be installed. All costs associated with steel H-pile driving difficulties that, in the opinion of Engineer, are determined to be resulting from conflicts with existing structures or piles that were not adequately demolished by Contractor prior to driving will be born by the Contractor.
2. Construction loading on existing abutments and new abutments (URS). Contractor will be responsible for evaluating the existing structures and abutments as needed to determine safe working loads during construction. Damage to existing structures resulting from Contractor's activities will be repaired by Contractor, at Contractor's expense.