

Battlefield Golf Club Water Project – Murray - Whittamore
Pre-Bid Meeting

February 16, 2010, 10:30 a.m.
Murray Drive and Centerville Turnpike, Chesapeake, VA.

Bob Sciacchitano initiated the meeting and introduced the URS and City staffs that were in attendance. An attendance list is attached. The following topics were discussed:

1. Overview of Project
The project generally consists of a 10-inch water main behind the curb from Centerville Turnpike to Whittamore Road on Murray Drive; and, an 8-inch water main in Whittamore Road from Centerville to Murray Drive. The water main in Whittamore will be laid under the pavement in the eastbound travel lane. Connections will be made to the line being installed along Centerville Turnpike at this time with the connection points on the east side of Centerville Turnpike.
2. Contract Time
Substantial Completion must be met in 240 days with Final Completion 30 days thereafter. Liquidated damage will be \$500 per day for not meeting Substantial Completion and \$250 per day for not meeting Final Completion
3. Bid Form.
The project will be bid on a unit price basis with no additives or deducts from the Total Bid.
4. Regional Construction Standards (4th Edition and Updates)
 - a. Details – the Special Provisions lists all applicable HRPDC Regional Construction Standards details with City modifications. Any detail not shown in the Special Provisions (Section 110) will revert to the City's PFM.
 - b. Compaction Testing – There are Updates to The Regional Construction Standards and Update #3 includes VDOT revisions. This update also includes the

development of a budget for compaction testing. Compaction testing is incidental to the cost of the pipe; however, a schedule of values will be requested of the successful bidder to identify the budget.

5. Bid Opening

The bid opening will take place in the Purchasing Office on the 5th floor of the City Hall Building on March 2, 2010 at 2:00 P.M. as indicated in the Invitation for Bids.

6. Water Main Testing

a. Pressure Testing – the new main must be pressure tested without using existing valves as described in the Contract Documents.

b. City Water Charges – The prevailing bulk water rate will be charged for City water used for testing the main. The nearest pick up point is a fire house located along South Battlefield Blvd, near the toll plaza.

7. Corrosion Control

a. Double Polyethylene Bagging will be required on the ductile iron pipe.

b. PVC pipe is used in certain areas where a corrosive environment exists.

8. Pavement Repair

Pavement repair should be minimal along Murray Drive, however, the soil borings in Whittamore indicate good materials. A trench repair detail with a pavement section is indicated on the plans.

9. Traffic Control – The Contractor must secure DPW approval for a traffic control plan prior to construction.

10. Inspection Services – URS will provide an on-site inspector.

11. SWPPP – The addendum will provide the SWPPP Permit for the contractor signature and submittal to DCR.

12. Record Drawings – The contractor is not required to prepare Record Drawings in accordance with the City's Directive of January 2009. The contractor must allow the inspector and City staff to take measurements at all fittings and the depth of the pipe at the required intervals. Stationing and construction should start along Murray Drive to allow for the fastest service to the residents.

13. Automatic blow-off is to be furnished, but not installed.

14. Other Items/Questions?
- a. It appears that Verizon Fios was recently installed in close proximity to where the water main is planned along Murray Drive. Are there any trees that will be removed?
 - Verizon had an opportunity to review our water main plans before their lines were installed. We will discuss this topic with them.
 - b. Trees within the right of way are to be cleared as required for construction. Trees to be protected are shown with the tree protection symbol.
 - c. Are driveways to be replaced?
 - Driveways are to be replaced.
 - d. This project is publically sensitive. If there are any questions of the contractor from residents or others not specifically dealing with their installation of the water main, refer them to Keith Slicer at the City of Chesapeake at 757-382-6503.