

ADDENDA NO. 1 & NO. 2 TO CONTRACT DOCUMENTS

Project: Wilroy Road Water Extension Project M&C Project No. 01440-0001

Owner: City of Suffolk, Virginia Date: May 9, 2013

To All Bidders:

Contractors submitting Proposals for the above named Project shall take note of the following changes, additions, deletions, clarifications, etc., in the Contract Documents, which shall become part of and have precedence over anything contrarily shown or described in the Contract Documents, and all such shall be taken into consideration and be included in the Contractor's Bid Proposal.

All other general items, conditions, drawings, and specifications shall remain the same. Please acknowledge the receipt of Addenda No. 1 & No. 2 with the Bid Form.

Refer to the Attached Sheets.

The return receipt acknowledgement requested below will be deemed evidence that the bidder has received this Addendum and has followed the instructions outlined herein. Please sign, date, clearly print company name, and fax this sheet back to McKim & Creed, Inc. at 919-233-8031 or email to Karen Mattingly at kmattingly@mckimcreed.com immediately upon receipt.

Company Name

Acknowledgement of Receipt

Date

Chris L. Windley, P.E.
McKim & Creed, Inc.



ADDENDUM 1

INVITATION FOR BIDS

City of Suffolk

IFB # 2013-00094-MC

May 8, 2013

Purchasing Division

441 Market Street, Room 105

Suffolk, VA 23434-5237

Phone: (757) 514-7523/ Fax: (757) 514-7524

<http://www.suffolkva.us/purchasing>

WILROY ROAD WATER EXTENSION PROJECT (DPU NO. 532.120)

This constitutes Addendum 1 for the project and shall become part of the specifications. Bidders are asked to acknowledge receipt and understanding of this addendum as part of their submittal.

SCOPE OF WORK – Provide all plant, labor, superintendence, materials, tools, equipment, supplies, incidentals, and other ancillary items necessary, as identified in Section 01110 (Summary of Work) of these Contract Documents, in order to complete the construction of approximately 1135 linear feet of 12-inch, 2025 linear feet of 8-inch and 245 linear feet of 4-inch ductile iron water main and all associated appurtenances, and the abandonment of an existing 1-inch water line and associated potable water well to the limits shown on the drawings in accordance with all specifications, terms, conditions, and drawings herein.

Bid Due: 3:00 PM., May 20, 2013

**** SECTION "A" AND ONE ELECTRONIC CD COPY IS REQUESTED AS SUBMITTAL****

Acknowledged:

Company Name: _____

Address: _____

City / State / Zip: _____

Telephone: _____ FAX No.: _____

E-mail: _____

Print Name: _____ Title: _____

Signature: _____ Date: _____

Addendum 1

The following question was asked. Please note the response which shall become part of the specifications.

1. Is the stone bedding shown in the trench details on page D-04 required? If it is required, will it be paid for or is it incidental?

Response: The stone bedding in the detail is required and incidental to the pipe installation.

CITY OF SUFFOLK
WILROY ROAD WATER EXTENSION PROJECT
M&C PROJECT NO. 01440-0001

ADDENDUM NO. 2

TO
PLANS, SPECIFICATIONS, AND CONTRACT DOCUMENTS

MAY 9, 2013

Please make the following changes to the Plans, Specifications, and Contract Documents:

1. Specification Section 01100 – Special Project Procedures is attached and shall be made a part of the contract documents by this addendum. This specification covers the procedures for well abandonment required under Bid Item 23.
2. On page 01026-20, Item 3.2W. Bid Item No. 23: Abandon Existing Potable Water Well, revise item 1. In its entirety to read as follows:

“Furnish all labor, materials, equipment and other incidentals required in order to completely abandon the existing potable water well; remove associated piping, equipment, electrical devices and all other appurtenances; and restore the site in accordance with the requirements set forth by the Virginia Department of Health and the Owner in accordance with Technical Specification Section 01100 and other related specifications.”

McKIM & CREED, INC.
1730 Varsity Drive, Suite 500
Raleigh, North Carolina 27606

CITY OF SUFFOLK
Larry Andrews
Civil Engineer II
1252 Holland Road
Suffolk, VA 23439

SECTION 01100 - SPECIAL PROJECT PROCEDURES

PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

- A. Work under this section consists of furnishing all labor, materials and equipment for the complete abandonment and demolition of an existing potable water well.

1.2 RELATED WORK AND OTHER SECTIONS

- A. Section 02050 – Demolition and Removal
- B. Section 02200 – Clearing, Grubbing, Grading, Excavation, and Filling
- C. Section 02476 – Control of Erosion, Siltation, and Pollution
- D. Section 02480 – Seeding and Mulching

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION

3.1 WELL ABANDONMENT: The following are guidelines and procedures that must be observed and obeyed during construction for the referenced project.

- A. The well casing shall be cut at least three feet below the ground surface; no portion of the abandoned well shall be present within three feet of the ground. The wells shall be abandoned in accordance with The Virginia Administrative Code, Virginia Department of Health, Chapter 590- Waterworks Regulations and Section 840 entitled Groundwater sources. General requirements from the above code are outlined below. Registered Virginia contractors familiar with the installation and abandonment of public water supply wells shall perform the abandonment procedures. The Contractor shall notify the Virginia Department of Health Office of Drinking Water in writing that the well has been abandoned in accordance with the applicable codes and regulations. The written notification shall also include a sketch showing the location of the abandoned wells. A copy of the written notification shall be submitted to the DEPARTMENT OF PUBLIC UTILITIES. The Contractor is responsible to properly seal the wells in accordance with the Codes and regulations. Abandonment will not be considered complete until accepted by the Virginia Department of Health.

- 1. Prior to beginning demolition or abandonment activities, the Contractor shall coordinate with the power company for the disconnection of services. Some controlling elements of the power supply have been removed, however the Contractor shall assume “live” conditions at the site. The Contractor shall contact Ms. Nancy Coons (757-255-3012) with Dominion Virginia Power –

Chuckatuck Office to coordinate removal of power supply appurtenances. The Contractor shall provide Dominion Virginia Power with the meter number (located on the power meter) for the site so Virginia Power can access the appropriate account.

2. The Contractor may salvage all casing and screen materials however all pumps, supply piping and electrical material shall be removed from the well casing prior to disinfection and sealing.
3. The well shall be checked from land surface to the entire depth of the well before it is plugged to ascertain freedom from obstructions that may interfere with plugging (sealing) operations.
4. The well shall be thoroughly chlorinated (50mg/l) prior to plugging (sealing). Acceptable forms of chlorine for disinfection are: liquid chlorine, calcium and sodium hypochlorite.
5. Wells shall be completely filled with sand - cement grout (clay slurry not acceptable) by introduction through a pipe initially extending to the bottom of the well. Such pipe shall be raised, but remain submerged in grout, as the well is filled.
6. Grouting requirements. Cement grout is required and shall consist of a mixture of cement (ASTM C150 TYPE II), sand and water in the proportion of not more than two parts by weight of sand to one part of cement with not more than six gallons of clean water per 94-pound sack of cement. Grout shall be installed by means of continuous pressure grouting from the bottom of the well upward in one continuous operation until the opening is filled.

3.2 DEMOLITION/SALVAGE: Construction standards shall include, but are not limited to the latest edition, and all revisions thereto, of the following: Basic Building Code - Building Officials and Code Administration, Virginia Uniform Statewide Building Code; Virginia Erosion and Sediment Control handbook; Virginia Administrative Code, Agency 5, Chapter 590- Waterworks Regulations; City of Suffolk, Department of Public Utilities Construction Specifications and Standards for Water and Sanitary Sewerage Facilities.

- A. Obtain Demolition Permit and Land Disturbing Permit.
- B. If the Contractor encounters any hazardous materials such as, but not limited to, lead or asbestos, the Contractor shall stop work on the abandonment immediately and contact the Owner for further instruction.
- C. Construction debris shall not be present within two feet of the ground surface upon completion of the backfilling operations. The Contractor shall coordinate with City of Suffolk Inspector to observe the backfilling operations.
- D. Remove materials from the site and dispose of according to local regulations.

- E. Re-grade disturbed soils to match the surrounding area contours and maintain proper drainage. Re-stabilize the ground surface by seeding and mulching. If needed, suitable backfill material will be obtained to meet these conditions. Erosion and sediment control methods will be according to the current edition of the Virginia Erosion and Sediment Control handbook. Seed the area with a suitable permanent cover of grass.
- F. See Section 02050 Demolition and Removal for additional requirements.

END OF SECTION 01100