



COMMONWEALTH OF VIRGINIA
County of Henrico

DEPARTMENT OF FINANCE
Oscar Knott, CPP, CPPO, VCO
Purchasing Director

Addendum No. 2

Date: July 9, 2020
Invitation to Bid: 20-1988-2JOK – Dabbs House Road Improvements
Receipt Date/Time: July 14, 2020 at 2:00 p.m.
Opening Date/Time: July 14, 2020 at 2:00 p.m.
Subject: Unit Price Bid Sheet Price Schedule Change, Drawing Changes, and Questions and Answers

Prospective Bidder and Others Concerned,
The following changes, corrections, deletions, clarifications, and/or additions constitute Addendum No. 2:

Unit Price Bid Sheet Price Schedule Change:

1. Replace the existing Unit Price Bid Sheet Price Schedule with “Revised Unit Price Bid Sheet Price Schedule – Addendum No. 2”.

Drawing Changes:

2. The following drawing sheets are revised as described and replace the existing sheets:

Sheet	Revision Description
1A	Added Addendum #2
2G	Updated utility quantities.
3	Updated hatching for pavement as a part of regular excavation.
14(2A)	Update Project Construction Note 6
14(5)	Reference to "D-485" for water meter at 117+00 removed.
14(9)	Noted the new water meter and boxes for 509, 510 and 511 Dabbs House Rd.
14(9)	Include callouts for water meter at 526 Dabbs House Rd.

Questions and Answers:

3. Please provide clarification as to intent of Project Construction Notes, #6, on sheet 14(2A). Based on the reading of the note it is obvious that little tolerance for disruption of water service will be allowed for the full duration of the project with a two-hour disruption considered unacceptable. A shutdown for installation of a vertical offset is pushing this limit, assuming all goes well.

Answer: A back feed to these mains now exists. Project Construction Note #6 on sheet 14(2A) has been revised as follows:

The Contractor shall cooperate with utility owners so that removal and adjustment operations may progress in a timely, responsible, and reasonable manner, duplication of adjustment work may be reduced to a minimum, and services will not be unnecessarily interrupted. Where service must be interrupted, work shall not commence until arrangements necessary for the protection and restoration thereof have been completed with the DPU Construction Division.

4. Typical Water Main Vertical Realignment - D-485 required for what appears to be a water service connection for 405 Dabbs House Rd. (west side at approx. station 117+00) directly in line with a noted Water Meter Adjustment. Provide main and meter size requiring adjustment.

Answer: This is a water service to 405 Dabbs House Road (Henrico Tool and Die). The existing meter is 5/8" (meter number 11002905). The intent is to verify the depth of the water service, and if there is a conflict, replace it with a new 1" copper service. The reference to "Water Main Vertical Realignment – D-485" has been removed from Sheet 14(5).. Also, the existing meter box is to be adjusted to grade.

5. Provide meter size for water service adjustment required at west side of Dabbs House Rd. at approx. station 116+15.

Answer: Billing records indicate this is a 1-1/2" meter (meter number 10014324) and a 2" service.

6. Please provide meter and service size for 401 Dabbs House Rd. (approx. station 114+60). Would assume that being a commercial location the meter sizing would be larger than a typical residential meter.

Answer: Billing records indicate the property at 401 Dabbs House Road (My Guys Moving and Storage) is not served by County water. They have a well and County sewer. Billing records indicate there is a 5/8" meter on the well, located inside the building, upstairs.

7. Please provide meter and service size for 361 Dabbs House Rd. (approx. station 108+30). Would assume that being a commercial location the meter sizing would be larger than a typical residential meter.

Answer: Billing records indicate this is a 5/8" meter (meter number 10020688). Our records do not indicate the size of the service but given the date the service was installed (2013) the service should be 1". If a new service is needed due to conflicts, etc., a new 1" copper service must be installed from the main to the meter.

8. Callout on plan for steel casing pipe on water main crossing stream bed shown on plan sheet 14(6) is missing but is indicated on profile - sheet 14(13). Please verify casing diameter at 24" and provide required wall thickness. Would assume the cost of the casing is to be included with the 12" water line (item #94)?

Answer: Casing is 24" steel pipe with 0.25" wall thickness. Casing pipe dimensions and details are as shown in current edition of VDOT Road and Bridge Standards, detail 1404.01, except that Henrico DPU do not use the leak detector, and uses end seals as allowed in Section 14 of the current DPU Standards instead of bricks.

9. Existing dual 1-1/2" meter and backflow preventer (housed above ground in insulated enclosure) are located within parking lot pavement area behind existing fence and protected with pipe bollards. Special Provisions for these bid items (#109 & #110) call for replacement as specified on plans. Plan information not provided, please specify... applicable standard; D-540, D-410?, pipe bollards, etc.

Answer: The dual 1-1/2" meters are to be replaced per Standard Drawing D-540. The 1" backflow preventer is to be replaced per Standard Drawing D-400 since it is a main-line backflow preventer. Bollards are to be replaced in kind, i.e., similar to the ones that are existing.

10. Water service installations indicated for 509, 510, and 511 Dobbs House Rd. are not labeled. Would assume that these are to be standard residential service connections (1" service line and 5/8" meter) per County Standard Drwg. D-520. New service quantity (3 EA.) does not agree with item #106 of the Price Schedule. It should be further noted that water service line size indicated in Item #99 does not meet minimum size indicated in the County Standard. Please advise.

Answer: New 1" copper services and 5/8" meters are required per Standard Drawing D-520. The plans show the correct number of water services to be installed, regardless of the quantity shown in the price schedule. The minimum size for new water services is 1 inch. Item #99 has been revised to 1" from 3/4".

11. Water service installation indicated for 526 Dobbs House Rd. not labeled but would assume to be an adjustment (#107). Would also assume that the service line is to be replaced in its entirety in spite of what is designated on plan.

Answer: This existing 5/8" meter (meter number 11002909) is to be removed and a new meter box, coppersetter for a 5/8" meter, etc. are to be installed in the location shown. A new 1" copper water service is to be installed from the main to the new meter. The Contractor also needs to make the connection on the private side of the meter, i.e., connect the water service to the house.

12. Item 12(B) on page S-6 of the Special Provisions states that construction barrier is to be anchored to the pavement surface. Pay item #135 is for MB-7D barrier, which is not anchored barrier. Please advise if the required construction barrier for the project is to be anchored (MB-11A) or non-anchored (MB-7D).

Answer: The median barrier is to be non-anchored and is noted correctly in the Unit Price Bid Sheet Price Schedule as MB-7D.

13. Sheet 3 of the plans does not show the cross hatch that demotes pavement to be removed and included in regular excavation. Please confirm that the existing pavement on this sheet is to be removed and replaced.

Answer: Sheet 3 has been updated to include the hatching indicating the pavement to be removed is included in regular excavation.

14. There are several mailboxes that will be impacted by construction on this project. How will the temporary and permanent relocation of mailboxes be paid?

Answer: The mailboxes, temporary and permanent relocation will be considered incidental to construction and paid for in other pay items.

15. Significant relocation of overhead utilities appear to be needed for completion of this project. Does the County have preliminary relocation plans and schedules that can be provided so that bidders can get an accurate picture of the conditions they will be working?

Answer: Comcast and Verizon have committed to having the overhead facilities relocated no later than August 2020.

16. Please provide a list of the known utility conflicts that the contractor's Utility Coordinator shall be responsible for resolving.

Answer: By the time NTP is issued there should be no known utility conflicts.

17. Has the County had any preliminary coordination with the utility companies whose facilities will be impact by the project? Please provide any plans and/or schedules that have been completed for utility relocations to date.

Answer: The County Project Manager has been in direct coordination with the utility companies. Dominion Power has moved their poles and overhead lines. Comcast and Verizon are in the process of moving their overhead lines and removing the Verizon poles. They have committed to be complete by August 2020. Dominion and Verizon underground utilities are complete.

18. The Special Provision for the Utility Coordinator states that, "the contractor in conjunction with the Utility Coordinator shall determine and resolve utility conflicts and shall plan, schedule, and prosecute the work accordingly." Best efforts will be made to meet these requirements, however the contractor and Utility Coordinator ultimately do not have the authority to force utility companies to act. With that said, who is responsible for any potential cost and schedule impacts that may be encountered because the contractor and Utility Coordinator are unable to get timely responses from the utility companies for planning and executing the relocations required for the project?

Answer: The County is responsible for any cost to utility company relocations. Contractor schedule (based on the progress schedule) impacts of unknown utility conflicts, will be compensated by additional contract days. If the utility companies are

not responsive to the contractor utility coordinator in a timely manner, the County will step in to get cooperation with the utility provider.

19. Q&A #32 in Addendum 1 states that VDOT forms C-111 and C-112 are to be submitted with the bid. Per the bidding procedures included in the RFP and VDOT standard procedures the C-111 should be submitted no later than 10:00 AM the next business day, and the C-112 within three business days after the bids are received. Please confirm that the bidding procedure outlined in the RFP is what should be followed.

Answer: The County requests for VDOT forms C-111 and C-112 to be submitted with the bid.

20. Can the engineer or county at least show where the existing valves for 12" water line on Dabbs Road? This will help determining the length OR size of the by pass. The engineer and county have some responsibility in determining the by pass operation. The county should think about laying the by pass operation out. The contractor simply does not have enough information to competitive bid this operation. Can the contractor leave the tap sleeve and valve in place after the bypass operation? There should be a specifications for how to maintain the existing 12" line in service. The contractor can't even use a above ground by pass operation during the winter months of construction and service houses. It seems like some more design needs to take place to bid the waterline bid items.

Answer: Existing main-line valves are shown on the plans. Project Note 6 is revised. Water mains in the area are looped such that back feeds to mains exist. Contractor is responsible for means and methods required to protect existing utilities and plan for any adjustments required.

21. Items for 4" valve and flushing hydrant on 12" main at E. Richmond Road not shown on price schedule. Please provide items.

Answer: The items required for installation of the flushing hydrant are shown on the plans and Standard Drawing D-500 and include 12"x4" tee, 4" DI pipe from tee to 4" valve, 4" plug tapped, fitting as shown on D-500 (Ford C-84-77, Mueller H-15428, or approved equal), 2" copper or brass pipe to flushing hydrant, flushing hydrant (2" Aquarius "One-O-One" HH or Mainguard Model # 78), and frame and cover per Standard Drawing D-515.

22. 8" water main offset and new hydrant installation at Robcurn Drive calls for adjustment of water valve box for existing hydrant valve. It would appear that this valve, along with the offset portion of the 8" main, is intended for removal. Please advise.

Answer: This valve, along with the portion of the existing 8" line that will be removed from service is to be abandoned in accordance with DPU Standards. The valve should be removed.

All other general terms, conditions and specifications shall remain the same.

Bidders must take due notice and be governed accordingly. Acknowledgement of the receipt of this addendum shall be made on your Bid Signature Sheet.

Failure to acknowledge this addendum may result in your bid being declared non-responsive.

Sincerely,

Oscar Knott, CPP, CPPO, VCO
Purchasing Director
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