



COMMONWEALTH OF VIRGINIA  
**County of Henrico**

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

**Addendum No. 1**

**Date:** June 26, 2020  
**Invitation to Bid:** 20-1988-2JOK – Dabbs House Road Improvements  
**Receipt Date/Time:** July 14, 2020 at 2:00 p.m. (**CHANGED**)  
**Opening Date/Time:** July 14, 2020 at 2:00 p.m. (**CHANGED**)  
**Subject:** Bid Receipt/Opening Date Change, 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. 1:

**Bid Receipt and Opening Date Change:**

1. Bid Receipt Date and Opening Date are revised to July 14, 2020 at 2:00 p.m.

**Unit Price Bid Sheet Price Schedule Change:**

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

**Drawing Changes:**

3. Existing drawings are replaced with signed drawings. All changes on drawings from original published set are addressed in Item 4 of this addendum.
4. The following drawing sheets are revised as described and replace the existing sheets:

Sheet	Revision Description
1A	Removed "Unfinished Plans" note.
1D2	Updated time restriction for the culvert to June 19, 2021 and Aug 31, 2021
2B3	Added Kingsridge Pwky to typical section heading.
2F Series	Added 30" EW-1 column. Removed ES-1 24" column. Revised EC-1 unit from TON to SY.

2F1	Corrected 3-23 to 3-8 to reflect only 16' of RCP being required.
2F3	Revised Structure 7-11 to have 2 – 24” EW-1.
2F3	Updated EC-1 quantities for 6-20, 7-10 and 7-11.
2F4	Removed Structure 8-17.
2F5	Updated totals from other sheets.
2-I(2)	Revised Structure 6-19 to include a 30" EW-1.
2-I(2)	7-11 revised to show 2 - 24" EW-1.
2G	Added RW-2 and HR-1 Ty II to ‘Incidental’ section.
2G	Revised Impact Attenuator to include ‘Type I’ under the MOT section.
2G	Added pay item for "Relocate Ex. Water Valve Box" in Utility section.
2G	Updated construction pavement markings under MOT section to indicate ‘Type D’.
2H	Removed CIP for sheet 16(8).
2H	Updated Inlet Prot. quant for Ty. B on 16(10) to 4 from 0.
3D	Updated the retaining wall profile after noticing a discrepancy.
8	Removed label for Ent. 8-1 construction.
11(7)	Removed "Unfinished Plans" note.
14(3)	Removed the call out at 101+50 as a mislabeled water valve relocation.
14(5)	Removed callout for relocating water box at 114+50RT.
16(6)	Updated EC-1 quantity for Structure 6-20.
16(7)	Corrected date of report in basin note from 12/10/17 to 12/02/17.
16(7)	Updated EC-1 quantity for Structures 7-10 and 7-11.

16(7B)	Corrected date of report in basin note from 12/10/17 to 12/02/17.
16(8)	Remove CIP label for removed Ent. 8-1.
16(14)	Updated EC-1 quantity for Structure 6-20.
16(15)	Updated EC-1 quantity for Structures 7-10 and 7-11.

**Questions and Answers:**

5. Maintenance of Traffic (MOT) Plan sheet 1D(2( Phase 1A time restriction June 15, 2020 to August 30, 2020 is definitely not practical so what is to be done for this phase in the sequence for road closure around the Henrico County equipment depot facility?

Answer: The time restriction has been revised to June 19, 2021 to August 31, 2020

6. Sheet 2A(1) and Sheet 3 calls for a RW 2 and HR 1 TYII. Is the RW 2 the Bid Item 60? If so what bid item is the handrail?

Answer: Sheet 2G has been updated to reflect the new items RW-2 and HR-1 TY II. New bid items have been included in Revised Unit Price Bid Sheet Price Schedule – Addendum No. 1 as items 179 and 180.

7. Plan sheet 16(7) temporary sediment basin #3 indicates to be constructed in accordance with Geotechnical report for temporary storm water pond #3 dated 12/10/2017. Can this be made available so we can follow recommendations?

Answer: Attached is the geotechnical report for Temporary Basin #3 and a subsequent email regarding the potential need for groundwater control. The report is dated 12/02/2017. This is the correct report and it appears the note on sheet 16(7) makes an incorrect reference to the report dated 12/10/17.

8. What is the roadway typical section for Kingsridge Parkway shown on sheet #9 station 10+00 to 10+80.34?

Answer: The typical section for this section of roadway is not explicitly shown in the plans, sections 2A/2B. See revised drawing sheet 2B3.

9. Are Bid Items 129 through 134 intended to be the temporary striping for the Maintenance of Traffic? If so the MOT plans indicate it as Type D and Bid items are Type F.

Answer: The bid items have been revised to reflect Type D. See Revised Unit Price Sheet Price Schedule – Addendum No. 1.

10. Plant Size: The pay item notes that the material is supposed to be bare root material but does not specify a size requirement. Please provide a size.

Answer: In accordance with the Environmental Compliance Manual, plant material shall be a minimum of 18” in height (first year seedlings).

11. Typical sheet 2A(2) depicts long post guardrail between stations 130+60 and 131+40, but plan sheet 7 does not depict guardrail at these stations. Does this area need guardrail?  
The only section of guardrail found was on plan sheets 5 & 6.  
Answer: No, guardrail is not required from stations 130+60 to 131+40.
12. Drainage Summary Sheet 2F(1) – “This quantity reflects additional backfill above crown of pipe per detail when under pavement areas”. Can the engineer confirm the contractor will be paid on a per ton basis when required to bring 21B to top of subgrade under the “Aggregate, No 21B (For Backfill)” Pay item?  
Answer: The No. 21B between the top of the culvert (Structure 6-20) and the road subgrade will be paid at the per TON price.
13. Will backfill for box culvert be paid for under “Aggregate, No 21B (For Backfill)” on a per ton basis?  
Answer: Per VDOT Spec, bedding material for pre-cast structures is included in the \$/LF price of the box culvert.
14. Will the engineer confirm they will not allow ANY shut down at all/for any reason on the 12” waterline on Dabbs Road, per sheet 14(2A)?  
Answer: The Contractor will need to comply with note concerning the shut down of the existing 12” water line.
15. Maintenance traffic plans call for numerous attenuators to be used with temp barriers. What type attenuators are you requiring?  
Answer: The impact attenuators are Type I. See revised drawing sheet 2G and Item 136 in Revised Unit Price Bid Sheet Price Schedule – Addendum No. 1.
16. Modify the existing controller cabinet will be required. Will there be a pay item added or how will the contractor be compensated?  
Answer: The measurement and payment for the installation of the Video Detection System is included in the Special Provision in the contract, specifically, the installation of the equipment in the cabinet is included in the TS-1, 170/2070 Cabinet Harness pay item. No additional pay item is included to “modify the existing controller cabinet”.
17. For line item 142 Temporary Signal & Associated Items refers to the spec. This can be anything from adjusting signal heads to a wooden 4 pole temporary. What does this item include for this project? I did not see in the bid documents where a temporary signal was mentioned.  
Answer: Item 142 is the pay item for the maintaining of the existing traffic signal at Rte. 33 (Nine Mile Rd.) and Dabbs House Rd. through the duration of the project. Per VDOT, the maintenance of the traffic signal is the responsibility of the contractor during construction of the project.
18. Has the loading for the existing pole and foundation been verified for adding a camera?

Answer: The traffic signal plans have been reviewed and approved by VDOT Richmond District Traffic Engineering. VDOT did not request a review of the loadings to the arm, pole and foundation for the addition of the camera.

19. Who will be providing the signal timings for this project temporary (if required) and permanent?

Answer: VDOT did not request the project make modifications to the current signal timing plans based on the modifications to the intersection from this project. It is the contractor's responsibility to maintain the operations of the signal during construction of the project. Revised red and yellow timings will be submitted to VDOT by the engineer for approval prior to the start of construction. This project is not including work for the selected contractor to implement revised timings.

20. Line item 175 video what does the VDC-4 mean?

Answer: VDC-4 indicated the video detection camera is used for detection of vehicles on the Phase 4 leg of the intersection as indicated on the traffic signal plan sheet 17(3).

21. Pay Item #99 unit does not agree with description provided in Special Provisions, Pg. S-25, please clarify.

Answer: Unit is revised to LF. See Revised Unit Price Bid Sheet Price Schedule – Addendum No. 1.

22. Price Schedule does not provide a line item for the 16"x6" tapping sleeve and valve indicated on plan sheet 14(3) for new hydrant installation at Nine Mile Road.

Answer: See Revised Unit Price Sheet Price Schedule. Item 88 has been revised to reflect the correct description.

23. Water valve relocation indicated at east side of Dabbs House Rd. at approx. station 101+50 appears to be for a gas main. Please clarify.

Answer: The call out at 101+50 is mislabeling a water valve relocation. This appears to be a gas valve that would need to be adjusted by the gas company. See revised drawing sheet 14(3) to reflect this change.

24. Is existing water main between stations 118+85 and 120+40 of Dabbs House Rd. to be abandoned or removed following installation of new offset main?

Answer: At this time, the existing water main is not anticipated to be removed.

25. Existing 12" water main east of Bressingham Dr. does not appear to show a connection at this location (Dobbs House Rd. station 135+33). Please clarify as to whether this end of the main is connected and how, or if it is capped.

Answer: The existing 12" along Dabbs House Rd. is connected through the intersection of Bessingham Dr. The 12" line along Dabbs House Rd. connects to an 8" line that proceeds up Robcurn Dr. and a 12" line that proceeds down Bessingham Dr. A portion of an old 12" line is shown as capped near the SE corner of the intersection.

26. Storm sewer 7-11 indicated on plan sheet 2-I(2) indicates EW-1 (18") two each. Pipe run is 24". Plan sheet 2F(3) for run 7-11 indicates ends as FES ,ES-1 end sections. If end walls are required then wouldn't end wall - Class A-3 Concrete bid item need adjusting for additional quantities?

Answer: Structure 7-11 indeed is intended to have 2 – 24" EW-1. See revised drawing sheets 2F(3), 2F(4) and 2-I(2) to reflect this change. Additionally, the quantities for Items 60, and 63 have been revised, see Revised Unit Price Bid Sheet Price Schedule – Addendum No. 1.

27. Storm sewer 3-23 to 3-8 indicated on plan sheet 2-I(1) as replace existing 16' of 30" RCP. Plan sheet #3 indicates this run by darkened line as entire run being installed 212' of 30". What is the intent on this pipe run?

Answer: The intent is to replace 8' of this pipe on either end of the pipe. See the revised drawing sheet 2F(1) and Revised Unit Price Bid Sheet Price Schedule – Addendum No. 1.

28. Storm sewer 6-19 indicated on plan sheet 2-I(2) as EW-1 (24"). Pipe run is 30". Will the Class A-3 Concrete bid item be adjusted to meet this correct end wall size?

Answer: Structure 6-19 has been updated to show EW-1 (30"). See revised drawing sheet 2-I(2) and Revised Unit Price Bid Sheet Price Schedule – Addendum No. 1.

29. Plan sheet 2F(4) drainage summary indicates pipe run 8-17, 26' of 15" RCP with two (2) FES, ES-1's. I can't find this on drainage description sheets or plan sheet #8. Does this exist? Will bid item be adjusted?

Answer: Pipe run 8-17 has been removed from the plans and quantities. See revised drawing sheet 2F(4) and Revised Unit Price Bid Sheet Price Schedule – Addendum No. 1.

30. Plan sheet #8 roadway station 137+50 right indicates ENTR. 8-1 TY I. Also is indicated culvert inlet protection (CIP) on E&S plan sheet 16(8) in this location. Are we to include an entrance here for parcel 28? If so is a driveway culvert required under the driveway for ditch flows? Is this the missing structure 8-17?

Answer: The CIP has been removed. See revised drawing sheets 8 and 16(8).

31. Is existing sanitary manhole at location designated as manhole #30 to be replaced with new or to remain? Price Schedule Item #116 quantity does not match when including this structure #30 as new - for that matter, it doesn't match when it isn't included either. If structure is to be replaced will require existing flow rates entering structure to determine by-pass requirements.

Answer: The sanitary manhole #30 is included in Item# 116. The LF quantity is correct for Item #116 – Furnish & Install St'd San. Sewer Manhole w/ St'd 24" Frame and Cover Henrico County DPU may provide additional information regarding flow rates as it becomes available.

32. There are a number of VDOT forms included with the project manual. Are there certain forms required to be submitted with our bid?

Answer: VDOT Forms C-104, C-105, C-111, and C-112 are to be submitted with the bid. Bidders shall review the remaining forms to determine when they are required for submission.

33. Invitation to Bid special provision page S-12 section 5 "Utilities-Clarification of Work" part C, Gas. Have all adjustments indicated already been completed? Bid items for gas relocation are not available. Who is responsible for gas line work or any relocations?

Answer: City Gas will be responsible. The Contractor's utility coordinator will coordinate the work.

34. 85 ea 3/4" water services are on the bid form but none are shown on plans. Can you clarify locations and lengths?

Answer: See Item 99 on the Revised Unit Price Bid Sheet Price Schedule.

35. Certain plan sheets are printed in lower left corner "These plans are unfinished and are not to be used for any type of construction" or the cover page has not been signed or marked for approval. When are final approved plans with all necessary plan changes expected? How will changes to plans required for final approval be handled from bid to contract price?

Answer: These notes have been removed from the affected sheets. The plans included in Addendum No. 1. No substantial changes were made that were not derived from comments / questions. The plans are signed and final.

36. Class I Rip Rap at box culvert outlet indicated on sheet 16(6) as 160 CY and Class I Rip Rap on storm 7-11 outlet shown on sheet 16(7) as 49 CY doesn't appear in bid items #67 or #171 erosion control stone, EC-1, Class I quantity or anywhere else as a bid item. How is this Rip Rap to be paid?

Answer: Item #67 – EC-1 has been updated to reflect the Rip Rap called out on 16(6) and 16 (7). It should be noted that the unit for this pay item has been revised from TON to SY. The plans have been updated to reflect this as well. As shown in the Revised Unit Price Bid Sheet, the description has been revised to "Erosion Control Stone, EC-1, Class I (2' Depth)"

37. Will there be adjustments for A/C, fuel or steel be made available on the project in accordance with VDOT special provisions?

Answer: Henrico County does not do adjustments for A/C, fuel or steel.

38. Invitation to Bid special provision page S-10 section 3 "Roadway-Clarification of Work" part I, #3 indicates payment of patch materials at unit prices. I don't see an item for the asphalt patching materials, either BM-25 or SM-12.5D. Items #43 and #44 are for

roadway paving and unit pricing would not reflect trench patching with asphalt placement production. Will a bid item for trench patching asphalt be included since an item for aggregate backfill is included?

Answer: The asphalt should be paid using items 43 and 44.

39. Price Schedule does not provide a line item for Water Valve Box Relocation noted for west side of Dabbs House Rd. at approx. station 106+90. Work will require relocation of water valve in addition to the valve box. Please provide main size this location. Are we to reuse or replace valve?

Answer: See Item 181 on Revised Unit Price Bid Sheet Price Schedule – Addendum No. 1.

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 Form. If your bid has already been delivered, return this addendum under a separate cover, referencing the ITB number, due date, and time on the outside of the envelope.

**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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