

VENDOR QUESTIONS AND ANSWERS

1. **Reference: Sheet C082.1, Stormwater Detention Detail System Section A-A. Please indicate the extent of the concrete slab above the detention system. There is no detail or spec addressing this quantity or dimensions.**

Answer: The extent of the concrete slab above the detention system (74.5' x 34.5' centered on the Stormwater Detention System – Plan View (Detail on Sheet C082.1). Also see detail on sheet C002.2

2. **02500-C4-02040: 18" Polypropylene Pipe, In Place 6' to 10' Deep - The 18" Polypropylene Pipe quantities are underestimated. It appears the section from 2388G and 2388E was not included in the line item quantity.**

Answer: Revised quantity for 02500-24-02040 is 165' to include section between 2388G to 2388E.

3. **2. 02200-C1-00130 - Aggregate, VDOT #21-A (Compacted in Place per VDOT standards & Specs): The material listed in the detail section B-B and A-A for the Stormwater Detention System on sheet C082.1 is not the same. Please confirm if 21 A is to be used above the storm water detention system. If so, please confirm that this is to be accounted for under 02200-C1-00130 - Aggregate, VDOT #21-A.**

Answer: VDOT #21-A is one of the options under a Class I & II in accordance with VDOT specifications and can be used above the Stormwater Detention System, as shown in Section A-A. This fill is included in line item ACSWM-C17-02542 Stormwater Detention System, per Part 4 of Arlington County Construction Specification 02542 – Underground Stormwater Detention Pipe System.

4. **Reference: Sheet C082.1, Stormwater Detention Detail System Section A-A. Please indicate the extent of the concrete slab above the detention system. There is no detail or spec addressing this quantity or dimensions.**

Answer: The extent of the concrete slab above the detention system (74.5' x 34.5' centered on the Stormwater Detention System – Plan View (Detail on Sheet C082.1). Also see detail on sheet C002.2

5. **Line item 02900-C10-00120: Six (6) Inch Longitudinal Solid Line appears to be underestimated if considering existing conditions after milling and overlay. Reference sheet C031.3.**

Answer: Quantity for 02900-C10-00120 shall be revised to a quantity of 600 LF to account for restriping after milling and overlay.

6. **3. 02600-C3-00010: Asphalt Concrete, Planing or Milling (1/2" to 3" Depth): The quantities listed in this bid item do not match the quantities in the drawings. The LOD does not match the width of the trench, and the concrete slab dimensions are not indicated. Please revise quantities.**

Answer: Quantity for 02600-C3-00010, 710 SY, matches the proposed area shown on drawings. See C041.1 for extent of milling and overlay.

The extent of the concrete slab above the detention system (74.5' x 34.5' centered on the on the Stormwater Detention System – Plan View (Detail on Sheet C082.1).

7. **Bid Item No.: 1. 02200-C1-00070 - Geotextile Drainage Fabric In Place (VDOT Section 245.03.c):** We are concerned that the quantity is underestimated for this line item. Please verify that the 222 SY is correct.

Answer: Quantity for 02200-C1-00070 shall be revised to 600 SY.

8. **02505-C4-00010: Storm Manhole MH-1 (Arlington County Detail D-3.0), In Place, DEPTH 8':** Cross section on sheet C073.1 indicates that Structure 2388A is MH-1. However, the details located on sheet C082.1 indicate a completely different structure than the Arlington Detail D-3.0. Please confirm that structure 2388A is not a MH-1, and should be built per detail in sheet C082.1. Assuming so, there is no paid item for this structure. And line item 02505-C4-00010: Storm Manhole MH-1 should be reduced to 2 MH-1 instead of 3.

Answer: Structure 2388A shall be a retrofitted MH-1 built to plan details shown on C082.1. It shall still be considered a MH-1, and remain as such on the pricing sheet.

9. **02200-C1-00130 - Aggregate, VDOT #21-A:** We are concerned that the quantity for 21A is insufficient assuming this is the material to be used above the stormwater detention system located on sheet C082.1.

Answer: VDOT #21-A is one of the options under a Class I & II in accordance with VDOT specifications and can be used above the Stormwater Detention System, as shown in Section A-A. This fill is included in line item ACSWM-C17-02542 Stormwater Detention System, per Part 4 of Arlington County Construction Specification 02542 – Underground Stormwater Detention Pipe System.

10. **Bid Item No.: 1. 02200-C1-00070 - Geotextile Drainage Fabric In Place (VDOT Section 245.03.c):** Please confirm that this is the fabric located surrounding the storm water detention system shown in detail on sheet C082.1 and that this is the only location it is required.

Answer: This is correct. The only location Geotextile Drainage Fabric In Place is surrounding the Stormwater Detention System shown in the detail on Sheet C082.1.

11. **Sheet C031.3 indicates there are 4 existing trees at the corner of 25th Rd North & 25th St North “not counted in tree inventory” that we believe will need to be removed for excavation and installation of proposed RCP pipe. Please indicate how to proceed assuming they will need to be removed and which pay item these trees are to be included under.**

Answer: As shown on C031.3, three trees (#1, #2, #3) shall be removed for proposed work. Tree #4 shall be protected during construction. Coordination with Arlington County’s Urban Forester shall occur prior to construction activities in this area. Trees to be removed have been quantified on Pricing Sheet under 02800-C11-00500.

12. **02580-C18-00010: Electrical Service for Brine Machine: Please provide further details of the electrical service to Brine Machine. Specs/details of the duct bank, connections, feed point detail in the concrete slab.**

Answer: Per triangle note 22 on sheet C041.1. You are only required to provide the conduit (2" PVC) for future electric connection to the brine machine as shown. No electrical work required at this time.

13. **02800-C11-00250 Chain Link Fence - Remove & Dispose, Height Greater Than 6' Up to 8': The removal quantity is different from the installation. Please indicate the location of the additional installation of Chain Link Fence other than that shown on C041.1.**

Answer: Triangle Note #23 on Sheet C041.1 shows proposed chain link fence on W. Side of Salt Storage Facility, near proposed brine machine location. This contains the quantity shown in line item 02800-C11-00210.

14. **02800-C11-00210 Chain Link Fence, Height Greater Than 6' Up to 8': Please confirm that only a portion of 80LF of Chain link fence will be removed and not the total length along 25th Rd North as indicated in the drawings. The total length of chain link fence in the drawings is different than the paid item.**

Answer: Only 40 LF of chain link fence shall be removed along 25th Road North, not full length. Line items 02800-C11-00200 and C08200-C11-00240 refer to chain link fence along 25th Road North.

15. **02800-C11-00200 Chain Link Fence, Height Less Than or Equal to 6': Please confirm that the chain link fence as per #23 in sheet C041.1 will be 6' and not 8' as indicated in the drawings.**

Answer: Line items 02800-C11-00200 and C08200-C11-00240 refer to chain link fence along 25th Road North. Line items 02800-C11-00210 and C02800-C11-00250 refer to chain link fence on W. Side of Salt Storage Facility, near proposed brine machine location. This chain link fence shall be 8' to match existing chain link fence height.

16. **The following paid items appear to be missing: a. F&I plants per Plant schedule indicated in sheet C031.3 b. Root pruning. c. Demolition of Structure 2002 d. Pipe removal from gravel trench towards structure 2002**

Answer:

a) Plant schedule quantities are shown in line items 02800-C11-00603 & 02800-C11-00611

b) Tree pruning is shown in line item 311300-C11-00082

c) Demolition of Structure 2002 - line item 02505-C4-00600 shall be revised to 4, rather than 3.

d) Line item under C15 – Removal and Fill of existing Gravel SWM Ditches shall include removal of gravel trench and all associated materials including the pipe.

17. **Item 02800-C11-00280, Landscape/Retaining Wall (Block, Brick, Segmental, or Similar), Height Less Than or Equal to 3' Exposed Face, Remove and Dispose (Foundation Removal Paid Separately under Rock Excavation): This item references the foundation being paid for via rock excavation. However, I don't see a rock excavation item. Should one be added or should the**

foundation removal be paid for via this item? Also, please provide details for the proposed and existing retaining walls – is a foundation required for the new retaining wall and does it exist for the existing?

Answer: Rock excavation is listed as part of the stipulated price item list included in the bid package. The foundation & retaining wall shall be replaced in-kind, see Sheet C021.1 for note. The proposed retaining wall shall match the existing wall and any necessary foundation.

18. Item 311300-C11-00082, Tree Pruning: Which trees are scheduled for pruning?

Answer: There is Root Pruning linework located on Sheet C031.3. The Tree Inventory table on Sheet C031.4 indicates trees to be pruned, in addition to (10) trees added with the construction of the salt dome.

19. There are quite a few trees calling for tree protection fence. Under what item should this be paid for?

Answer: Tree protection shall be included in line item 01500-C13-10000 Temporary Erosion and Sediment Controls.

20. Are details available for the various chain link fence items noted in the schedule of values?

Answer: Refer to Attachment L - Chain link fence detail which has been added as an attachment.

21. What item should be used for removal of the existing pipe?

Answer: Line item under C15 – Removal and Fill of existing Gravel SWM Ditches shall include removal of gravel trench and all associated materials including the pipe.

22. What are the depths of the gravel trenches noted for removal?

Answer: Depth of gravel trenches is approximately 4' – 5' from surface to bottom.

23. Item 02800-C11-00270, Landscape/Retaining Wall, Excluding Foundation (Segmental Non-Reinforced Interlocking Concrete Wall), Height Less Than 3' Exposed Face (Versa-Lok, or County Approved Alternate System), states that it excludes the foundation. Is a foundation required? If so, under what item will it be paid for?

Answer: The foundation & retaining wall shall be replaced in-kind, see Sheet C021.1 for note. The proposed retaining wall shall match the existing wall and any necessary foundation. This shall be incorporated in line item 02800-C11-00270.

24. There are also 2 different items titled “Temporary Erosion and Sediment Controls” that both use the same master item number. Should both be used?

Answer: Utilize lump sum under Category C13: 01500-C13-10000 Temporary Erosion and Sediment Controls. Percentage line item is Non-Applicable.