COUNTY OF ACCOMACK
FINANCE DEPARTMENT

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TO: Potential Bidders for IFB #744 – NLF Cell 6A Interim Closure

FROM: Lucy Huffman, Procurement Specialist

DATE: September 28, 2022

SUBJECT: **Addendum #1 – Questions & Answers from Mandatory Pre-bid Meeting and Thereafter**

Pre-Bid Meeting Questions & Answers

1. Will the borrow pit be "off-site"?

A. All soils and aggregates for the project shall be provided by the Contractor from off-site source(s) to be approved by the engineer through review of required pre-qualification testing. Details 1, 2 and 3 on Drawing GT-601 and Construction Note 5 on Drawing GT-101 currently indicating that soil backfill for the leachate relief pipe & sump installations will be obtained from the site are hereby revised, and the referenced backfill soils shall be provided by the Contractor from off-site source(s). The soil backfill for these applications shall consist of a free draining soil with 100% of grains passing the 1-inch sieve and no more than 10% of grains passing the No. 200 sieve per ASTM D422.

2. Are payments for the project based on "Plan View"?

A. Payments for unit area items will be based on measured surface area. Similarly, payments for unit length items will be based on measured length along the item alignment (horizontal and vertical).

3. When is the deadline for receipt of questions?

A. End of business (5:00pm) on Thursday, September 29th.

4. Is there a fee for a County Business License?

A. Contractors are advised to contact the office of the Commissioner of the Revenue to inquire about licensure through the County. This can be done after Contractor receives award of contract. Commissioner's Main phone number: 757-787-5747 (the typical fee for a County business license is $50.)

5. Is the site access separate from the "scale house" access?
A. Yes. There is a "back entrance" that can be opened upon request.

6. Is all the testing the responsibility of the contractor?
A. All construction material pre-qualification testing and CQC testing during construction shall be coordinated, completed, and paid for by the Contractor.

7. What is the elevation of the existing leachate collection header pipe at the point of tie-in for the proposed leachate relief pipe system?
A. The approximate top-of-pipe elevation for the existing leachate collection header pipe at the point of tie-in for the proposed leachate relief pipe system is 38.5' based on available record drawings. The invert of the T-fitting that connects leachate relief pipes to the riser pipe shown in Detail 2 on Drawing GT-601 shall be elevation 41.0'.

8. Would the County consider making the "off-site materials" included within Lump Sum Bid Item 4 a Unit Price item?
A. No, "off-site materials" required for Item 4 – Earthwork shall remain part of the lump sum item.

9. Is the Contractor to bring in "fill soil" to achieve the subgrade elevations shown on the drawings within the Cell 6A footprint?
A. The final prepared interim cover system subgrade elevations may differ from the elevations shown on the drawings within the Cell 6A footprint. Fill soil is not required for the specific intent of achieving the exact subgrade elevations shown on the drawings. The final prepared cover system subgrade surface shall be smooth and uniform with a maximum slope of 3H:1v and a minimum slope of 25H:1V. The final subgrade surface shall be graded to promote positive drainage (prevent ponding) and maintain drainage patterns consistent with the grades shown on the drawings.

10. Plans state that welding must be done when temperatures are above 40°F. Will there be any consideration of changing this requirement?
A. Submitted Bids shall consider current project requirements.

Additional Questions & Answers

11. Will the geosynthetic scrap from the project be acceptable for disposal at Cell 7's working face and no tipping fee charged to contractor?
A. Scrap geosynthetic materials generated from the project may be disposed within the active cell at the Northern Landfill. The size of scrap materials, disposal location, and method of deposition

shall be approved by the County prior to disposal. The County reserves the right to reject material deemed unsuitable for on-site disposal.

12. Please confirm that contractor is not required to achieve the final earthwork contour elevations shown on drawings but is to grade existing subgrade to meet the criteria given in Note 17 on Drawing GT-201? (02200, 1.2 D.3 & 3.2 D.1)

A. Reference the response to Question No. 9 included herein.

13. Is Contractor expected to clean-out Storm Water Pond No. 1 at the completion of the project? (02270, 1.1 E)

A. The Contractor shall conduct erosion and sedimentation control in accordance with the project specifications. This includes, but is not limited to, maintaining and repairing existing erosion and sedimentation control structures impacted by the project. Storm Water Pond No. 1 shall be cleaned and restored to pre-construction conditions.

14. If normal winter conditions do not allow for Geomembrane deployment and seaming, will the Contractor be granted a contract extension of time? (02780, 3.1 C.j.5.c & 00805, SC 12)

A. Extension of Contract Times will be addressed in accordance with the provisions of the General and Supplementary Conditions of the Contract for applicable circumstances.

15. Is Erosion Control Blanket required for all permanent seeded areas? (034873, 3.5 A)

A. Yes.

16. Can a pipe invert be provided for the tie-in detail No. 2? (GT-101)

A. Reference the response provided for question No. 7 included herein.

17. GT-601 - Detail 2 and 3 state “backfill excavation with on-site soil”, is this correct and if so, where is soil located?

A. Reference the response to Question No. 1 included herein.

18. Please confirm that the Energy Dissipators shown on Detail 8 are to be installed every 100ft in the Perimeter Drainage Channel on the East, South and West sides of Cell 6A? (GT-201 & GT-601)

A. The energy dissipator shall be constructed continuously on the East, South and West sides of Cell 6A. The 6” diameter outfall pipes and rip-rap outfalls in the perimeter channel shall be constructed every 100’ on center along the length of the energy dissipator.

19. Detail 8 shows 6” dia. perforated corrugated pipe to be used for the outfall pipe. Please confirm this is to be perforated and not solid pipe. (GT-601)

A. The 6” diameter dissipator outfall pipes constructed at 100’ on center along the length of the energy dissipator shall be solid wall corrugated pipe, not perforated as shown on Detail 8 on GT-601.

20. Is the Energy Dissipater to be constructed the entire perimeter of Cell 6A? If so, can a location be given as to where it terminates on the Eastern slope. (GT-201)

A. Reference the response to Question No. 18 included herein. The termination point for the energy dissipator on the East side of Cell 6A shall be at the inside corner formed at the intersection of the outer cell limits of Cell 6A and Cell 2.

21. Is the Energy Dissipater to be tied into the Interim Cover Channel Outfall? If not, can a location be given as to where the Energy Dissipater terminates on the Western slope? (GT-201)

A. The energy dissipator should not be tied (connected) to the Interim Cover Channel Outfall. However, the northeast limit of the energy dissipator shall be immediately adjacent to the southeast side of the Interim Cover Channel Outfall and down-slope drainage channel in this area.

22. Is the Existing 18" Dia. Culvert with Concrete Headwalls to remain in place next to the Proposed 18" HDPE Culvert? Or is the existing culvert to be demolished? (GT-201)

A. The existing 18" dia. culvert and concrete headwalls shall remain in place.

23. Is the Contractor to build a bench at the toe of Cell 6A slopes to the dimensions indicated in this detail? (GT-601 – Detail 8)

A. A "bench" of the approximate dimensions shown on Detail No. 8 on Drawing GT-601 exists at the site, however, may not be precisely represented by elevation contours shown on the drawings. The containment berm around the perimeter of Cell 6A may require some improvement together with improvements to the perimeter drainage channel for construction of the energy dissipator as detailed.

24. Is there a required minimum or maximum H:V slope to the side slopes of the ditch? (GT-601 – Detail 8)

A. The maximum slope for the perimeter channel sides shall be 2H:1V.

25. Is the Silt Fence Culvert Inlet Protection (CIP) to be placed around an existing Culvert? Or is this a new culvert which the Contractor is to install? If a new culvert is to be installed, can details be provided? (GT-201)

A. The silt fence inlet protection is to be placed around the inlet of an existing culvert at the approximate location shown on the drawings.

26. Is a Silt Fence CIP required for the proposed 18" HDPE culvert? (GT-201)

A. No; only stone inlet protection in accordance with Detail 4 on Drawing GT-602 shall be constructed at the inlet of the proposed 18" diameter HDPE culvert.

27. Detail 4, Are the CIPs Silt Fence only, or do any require the aggregate protection option? (GT-602)

A. Detail 4 on Drawing GT-602 includes two applications for inlet protection (silt fence and stone). The corresponding application is called out from the plan drawing (GT-201). Stone inlet protection in accordance with Detail 4 shall be constructed at the inlet of the proposed 18" diameter HDPE culvert.

28. Detail 4, Do any culvert inlets require Headwalls? (GT-602)
A. No construction of culvert headwalls is required for the project.

29. Detail 8, Is the 10oz Non-Woven geotextile to envelope the rip rap of the Energy Dissipator? Or is it required only to line the bottom and sides of the trench? (GT-601)
A. The 10 oz non-woven geotextile shall only line the sides and bottom of the rip-rap energy dissipator.

30. Instructions to Bidders Item 1.19: This paragraph states that contractor shall include all taxes with the bid. The Instructions to Bidders Attachment states that Accomack County is exempt from Commonwealth of Virginia sales tax. Please clarify if the materials for Cell 6A construction are taxable?
A. The Contractor (and Sub-Contractors) shall pay taxes on all materials used for the project. No other taxes shall be included in Bids, as the County is exempt. The potential for tax exemption for major material components (for example, LLDPE Geomembrane) is being explored. Additional information will be provided via addendum if the taxable status of any main material components changes from that stated herein.

31. Section 01060 Item 1.12.E and Section 01420 Item 1.5.B.4.g: These specification items state that seam strength and peel adhesion testing and test values shall be per ASTM D6392. However, ASTM D6392 applies to non-reinforced geomembrane. The geomembrane specified for this project is scrim reinforced geomembrane; therefore ASTM D6392 is not the proper test method. Please clarify as to which ASTM test method applies to all geomembrane testing.
A. References to test method ASTM D6392 shall be changed to ASTM D7747 in all locations within the project specifications.

32. The table in Section 01420 Item 1.5.B.4 lists the geomembrane material as HDPE, not LLDPE? Please clarify.
A. References to HDPE in the table included in Section 01420-1.5(B)(4) shall be revised to LLDPE.

33. Plan Sheet GT-601, Detail 8 indicates a 2' x 4' Class I Riprap drain running continuous with the Energy Dissipator. Please clarify the length of the Energy Dissipator and where is pricing for this installation to be included?
A. Reference responses to Question Nos. 18, 20 & 21 to determine the length of the energy dissipator. The cost for construction associated with the energy dissipator shall be included in Item 2 – Sediment and Erosion Control.

34. Are flared end sections required for culvert installation?
A. Yes, reference Detail 5 on Drawing GT-602.

35. Is existing 18" Culvert w/ Concrete Headwalls to remain?
A. Reference the response to Question No. 22 included herein.

36. Plan Sheet GT-601: Is installation of the Leachate Relief pipe and sumps included in this scope of work and where is pricing for this installation to be included?
A. Yes, all work associated with construction of the leachate relief pipe and sumps is included in this project and shall be included in the Bid in Item 10 – Balance of Construction.

37. What are the measurements of the stone lined Leachate Relief sump?
A. Reference Construction Note 2 on Drawing GT-101. The lateral dimensions are 8'W x 8'L. The stone pack depth (thickness) is 2'.

38. What is the anticipated depth for installation of the slotted leachate relief pipe?
A. The anticipated depth of the slotted leachate relief pipe varies, generally from about 6 to 8 feet based on the design inverts and approximate landfill surface elevations shown on Drawing GT-101. Bidders shall independently verify this information for the preparation of their Bids.

39. What is the width of the Riprap Outlets for the Energy Dissipator drain outlets?
A. The depth of rip-rap protection for these outlets shall be 1.5' as shown on Detail 8 on Drawing GT-601. The width of the rip-rap protection shall be revised to 4'.

40. Sheet GT-601 Detail 6 specifies a Clay Soil Backfill at the Closure Turf connection with Cell 2. Is this material available onsite or is it to be provided by the Contractor? If supplied by the Contractor please provide a material specification?
A. The clay soil shall be provided by the Contractor. It shall consist of silty clay or clayey silt soils classified as MH, CL, or CH in the Unified Soil Classification System (ASTM D2487), with no sizes larger than 1" and at least 50 percent by dry weight of fines passing the No. 200 standard sieve size. The plasticity index shall be at least 10 (ASTM D4318).

Clarification/ Additional Info:

*If a site visit is desired, please contact John Lauer at 757-710-6065 or jlauer@co.accomack.va.us.

ALL *OTHER* SPECIFICATIONS AND TERMS & CONDITIONS REMAIN AS ISSUED IN THE ORIGINAL INVITATION FOR BIDS.