Bid Addendum

Addendum No. 2 for the Rivanna Water and Sewer Authority Scottsville WTP Lagoon Liner Replacement, Scottsville, VA. Wiley|Wilson Comm. No. 221122.00.

Addendum Date: January 20, 2022

To: All Bidders

From: Wiley|Wilson
Lynchburg, VA

This Addendum contains 3 page(s) and listed attachments and forms a part of the bidding documents and modifies the Project Manual and Drawings dated November 12, 2021, as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject bidder to disqualification.

Responses to Bidder Questions:

Question 1: What is the estimated project value?

Response: The estimated project value will not be provided.

Question 2: Please provide the plan holders list.

Response: Contact Karen Patterson, kpatterson@wileywilson.com, for a plan holders list.

Question 3: How can I schedule a site visit?

Response: Contact Dyon Vega with RWSA at 434-988-2970 x170 or at dvega@rivanna.org.

Question 4: Are record drawings, shop drawings, or other documents available to show the construction of the precast trench drains?

Response: Record drawings are attached to this addendum.

Question 5: Per Spec Section 014000 1.8.A.2.a, Contractor will not employ same entity engaged by Owner, unless agree to in writing by Owner. This is for Quality Control. What company is the Owner going to utilize?

Response: RWSA will utilize Schnabel Engineering.

Question 6: Does the Owner have an established contact with Electrical Power Utility familiar with the Scottsville WTP? Who is the Power Utility for Scottsville WTP?

Response: The electrical utility is Appalachian Power (AEP). RWSA does not have a specific contact with Appalachian Power.

Question 7: Are unsuitable soils expected under the liner?

Response: The Bid Form (Section 00 40 00) includes a unit price for unsuitable soils and provides a measurement and payment definition for unsuitable soils.

Question 8: What kind of sludge do the lagoons hold and will sludge found under the liner be removed by the Owner or the Contractor?

Response: The lagoons contain alum sludge from the on-site water treatment process.

Question 9: Is sludge removal required from the two lagoons before the liners are replaced?

Response: Yes. Owner will dewater and dispose of solids in each lagoon using a common septic hauler truck parked on the access road. Contractor is responsible for removing and disposing of remaining solids on top of the liner or that have accumulated below the liner above the existing granular underlayment.

Question 10: Are trench drains expected to be removed and relocated in sections or as individual units?

Response: The existing trench drains are comprised of multiple pre-cast units that were assembled into a single trench drain in the field. The means and methods used to remove the trench drains are the responsibility of the Contractor.

Question 11: Are trench drains identical design for each lagoon?

Response: Record drawings indicate that trench drains are of similar construction, but Contractor must field verify trench drain construction prior to removal.

Question 12: Is a SKAPS Industries membrane liner product (HD-100T2) acceptable in lieu of named manufacturers?

Response: "Or-Equal" products will be considered in accordance with the Contract Documents.

Question 13: Please provide requirements for non-woven geotextile fabric beneath the liner membrane.

Response: The non-woven geotextile fabric for use beneath the liner membrane must be as recommended by the membrane liner manufacturer and must have a minimum weight of 12 oz per square yard.

Question 14: A clarification of the trench drain and HDPE liner installation is requested. It appears that the HDPE liner is installed underneath the trench drain. Is this correct?

Response: The HDPE Liner around the trench drain is installed in two pieces. The first piece, which is part of the larger lagoon liner, is installed under the trench drain. Then the trench drain is placed in the trench, on top of the HDPE Liner. A second piece of liner is then installed over top of the trench drain. This second piece of liner is welded to the main HDPE membrane on its outer edge and bolted to the trench drain along the inner edge as shown in detail 8 on sheet C-502.

Question 15: Drawing C-502 Detail 6 & 6a are conflicting. Detail 6 shows a geosynthetic vent with solely a hole cut in liner patched over with a piece of geomembrane. Detail 6a shows a vent

pipe penetrating the geomembrane with a geosynthetic boot attached to the base liner. Which detail shall be applicable to the project for these vents?

Response: Detail 6 shows the minimum extent of the geosynthetic boot. Detail 6A on sheet C-502 shows the correct arrangement for the vent pipe penetration. Provide a geosynthetic boot in accordance with Detail 6A.

Question 16: Is a geosynthetic boot required around the 6-inch pipe as shown on Drawing C-501 Detail 4?

Response: A geosynthetic boot is required as shown in Detail 4 on sheet C-501.

End of Addendum No. 2

Wiley|Wilson

Aaron Tice, P.E.