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WOOD HAVEN TECHNOLOGY PARK INFRASTRUCTURE IMPROVEMENTS

B&A Project #04180095.00
June 3, 2019

ADDENDUM # 1 & PRE- BID MEETING NOTES:

- Item No. 1:** Selected Contractor shall be responsible for posting required sureties and necessary agreements to obtain a Land Disturbance Permit from Roanoke County. The surety amount for the Erosion and Sediment Control Agreement is \$26,521.00 and the surety amount for the Site Agreement is \$176,687.00.
- Item No. 2:** Selected contractor shall be responsible for posting required surety and necessary permit paperwork and permit fee to obtain a Land Use Permit from VDOT. The surety amount is \$8,883.00 and the permit fee amount is \$350.00.
- Item No. 3:** The contractor will be required to post a performance bond with the owner for the full cost of the project, less any sureties required by Roanoke County or VDOT.
- Item No. 4:** Owner will obtain VSMP permit and pay applicable fees. Owner to provide the SWPPP document. Selected contractor shall be responsible for maintenance of the SWPPP and all required site inspections.
- Item No. 5:** Owner will be contracting directly with a 3rd party testing company to provide construction testing services. Selected contractor shall be responsible for coordinating directly with this 3rd party to schedule testing and inspections as required for the project.
- Item No. 6:** Fill material shall be placed in maximum 8" lifts. Compaction testing shall be coordinated with the 3rd party testing company per their recommendations.
- Item No. 7:** The site is intended to be balanced with no material to be transported to or from the site. At the end of the project, the future roadbed shall not receive topsoil, but shall be seeded and stabilized. The temporary gravel access and parking/turnaround area shown on the plans shall be constructed with the bottom of the stone at subgrade of the future roadbed (the proposed contours indicate subgrade elevation) so that this stone can be incorporated into the future pavement section. The edges of the gravel road shall be sloped so as to avoid a vertical drop between the stone and



the adjacent subgrade. All areas not receiving stone shall receive topsoil and permanent stabilization. Any excess topsoil can be used in the slopes or in the stormwater management area.

Item No. 8: A unit cost for rock shall be provided for the sewer line boring across Wood Haven Road. This item has been added to the revised bid form attached.

Item No. 9: Boring across Wood Haven Road for sanitary sewer will require a minimum 16" casing pipe. Casing pipe may be steel or HDPE. Sanitary sewer pipe within casing pipe may be SDR-35 or HDPE. Casing pipe may be larger, but must meet WVWA standards and be in accordance with detail G-6.

Item No. 10: Any required lane closures on Wood Haven Road may only occur between the hours of 9:30 am and 3:30 pm. It is our understanding that there will be no time restrictions on other work within the right-of-way not involving lane closure other than those pertaining to the Roanoke County noise ordinance and stated on page 71 of the Invitation for Bid packet.

Item No. 11: The existing utility handhole located within the proposed entrance will be relocated by Roanoke Valley Broadband Authority (RVBA). New utility handhole location to be coordinated with engineer and RVBA, but it will be within the project site. Contractor to provide excavation to remove the existing handhole, excavate the area where the handhole will be relocated to, and provide stone as a base for the new handhole location.

Item No. 12: Proposed conduits to be installed as follows: 3 conduits for future electrical side-by-side in trench, 3 conduits for future communications side-by-side in trench. Two pull strings shall be provided in each conduit.

Item No. 13: The outfall pipe from the stormwater management facility (storm sewer pipe #2) shall be 24" Class III RCP with watertight gasketed joints. The size shown on the profile on sheet C10 is an error. Connection between riser and outfall pipe to be grouted to ensure a secure connection.

Item No. 14: The existing gravel driveway/access road located on the property directly to the west of the main project area may be used for staging of materials. No disturbance outside of the existing gravel area will be permitted.

Item No. 15: Contractor to warranty all water and sewer work for one year as required by the Western Virginia Water Authority (WVWA). The contractor will be responsible for any repairs during this warranty period and will be expected to bond with the WVRIFA for \$50,000 during this warranty period.

Item No. 16: Selected contractor shall be responsible for all construction stakeout and storm sewer and stormwater management as-builts.



Thank you for your interest in this project. Please submit any additional questions or clarifications in writing to purchasing@wvrifa.org by Wednesday, June 12th at 12 noon.

Thank you for your interest in this project.

Christopher Burns, P.E.
Balzer & Associates, Inc.

Cc: B&A File
Western Virginia Regional Industrial Facilities Authority (WVRIFA)