

EXHIBIT A

SECTION 2 – SUMMARY AND SPECIFICATIONS

1. INTRODUCTION AND PROJECT DESCRIPTION

- 1.1. This work consists of a pumping system and force main to transport leachate from the landfill site to discharge at a sanitary sewer. The landfill is located northwest of the intersection of Interstate 74 and U.S. Highway 150 on the east side of Urbana, Illinois. Included in this work is the replacement of 750-ft of 1 1/4-inch HDPE force main by trenchless excavation (boring) as noted on the Plans and in accordance with appropriate details given in these Specifications.

The CONTRACTOR must give the ENGINEER a minimum of forty-eight (48) hours advance notice when work will be started or re-started on any phase of the project.

The ENGINEER shall provide the initial benchmarks and construction staking, on a one time only basis, for this project. It is the CONTRACTOR's responsibility to preserve and protect the benchmarks and stakes during construction operations. The CONTRACTOR shall have the construction stakes and benchmarks reset at his/her expense if the stakes and/or benchmarks are damaged, lost, displaced, removed or otherwise obliterated.

The ORIGINAL PLANS for this project are on five (5) 11" x 17" sheets, which are included separately with the CONTRACT DOCUMENTS. We have noted the changes on the drawings as indicated here.

2. MOBILIZATION/DEMobilIZATION

- 2.1. Description: This item of work shall consist of preparatory work and operations necessary for the movement of personnel, equipment, supplies, and incidentals to and from the project site; for the establishment of facilities necessary for work on the project; and for other work or operations which must be performed or costs incurred when beginning and ending work on the project.

3. Basis of Measurement and Payment: This work shall be included in your lump sum, which price shall include all items necessary to accomplish this work.

4. TRASH MATERIAL HAULING AND DISPOSAL

- 4.1. Description: This item of work shall consist of removal, transport, and disposal of any landfill waste generated from excavations associated with the construction of the Landfill Leachate Pumping Project.
- 4.2. Disposal of Materials: All landfill waste debris generated during excavations MUST BE REMOVED, transported and DISPOSED of in a licensed sanitary landfill in accordance with the current State and Federal regulations.
- 4.3. Basis of Measurement and Payment: This work shall be paid for as incidental to the contract lump sum and includes all items necessary to accomplish this work including landfill tipping fees.

5. 1.25" FORCE MAIN INSTALLATION

- 5.1. Description: This item of work shall consist of installation of new 1.25" HDPE force main at a minimum burry depth of 36". All connections to existing equipment to be considered incidental.
- 5.2. Disposal of Materials: All landfill waste debris generated during excavations MUST BE REMOVED, transported and DISPOSED of in a licensed sanitary landfill in accordance with the current State and Federal regulation
- 5.3. Description of Materials:
 - 5.3.1. All PVC Materials above grade shall be Schedule 80 PVC ASTM D 1785.
 - 5.3.2. Buried piping shall be HDPE SDR-11 (Section 02535)
- 5.4. Basis of Measurement and Payment: This work shall be paid for as contract lump sum and includes all items necessary to accomplish this work including landfill tipping fees.

6. AIR RELEASE MANHOLE

- 6.1. Description: This item of work shall consist of removal of interior plumbing items for the installation of new penetrations at a lower elevation. Reassembly of the interior plumbing. New pipe penetrations are to be core drilled. All pipe penetrations are to be sealed after equipment is installed.
- 6.2. Description of Materials:
 - 6.2.1. All PVC Materials inside the Valve Vault shal be Schedule 80 PVC ASTM D 1785. All other materials removed from this structure are to be replaced in kind.
 - 6.2.2. Pipe Penetration – Pipe Seals – Section 15250
- 6.3. Basis of Measurement and Payment: This work shall be paid for as incidental to the contract lump sum.

7. PRIVATE LOCATES

- 7.1. Description: The CONTRACTOR shall provide private utility location services to locate a private electrical line connecting a solar array to a building and a private internet line connecting a tower to a building.
- 7.2. Description of Services: Acceptable private utility location services include Lucky Locators Inc. Algonquin, IL 847-458-1530, Bloodhound Underground, 888-858-9830, or equivalent.
- 7.3. Basis of Measurement and Payment: This work shall be paid for as incidental to the contract lump sum.