

## **PRICES TO INCLUDE**

### **PART 1 - GENERAL**

Any work shown on the plans or required in the specifications but not paid for separately as a bid item shall be included in the cost of other bid items. The amount bid for each Bid Item shall include the following:

- 1.1 All labor, materials, tools, equipment, and transportation necessary for the proper execution of the work in accordance with the Contract Documents.
- 1.2 All assistance required by the Engineer to verify compliance with the Contract Documents, including measuring for final pay quantities.
- 1.3 Project coordination and scheduling.
- 1.4 Detailed breakdown of lump sum bid items as requested by the Engineer.
- 1.5 All provisions necessary to protect workers, the general public, and property along the work in accordance with the Contract Documents.
- 1.6 Protection and/or replacement of existing property corner monuments.
- 1.7 Record drawings of the installed location of all underground electrical conduit, sewers, tees, wyes, laterals, etc.
- 1.8 Materials testing.
- 1.9 Reimbursement to Owner for costs of re-inspection or re-testing of any work not installed in compliance with the Contract Documents.
- 1.10 Construction staking of the improvements.

### **PART 2 - ITEMS**

#### **2.1 PRECONSTRUCTION VIDEO TAPE DOCUMENTATION**

##### **Method of Measurement**

The lump sum price shall include all costs associated with hiring a professional videotaping firm to document in detail the existing conditions of the entire work area and potential disturbed areas and submitting a high quality video with audio commentary and video log. DVD media may be utilized if it is readable (video and audio) by standard DVD players and computer DVD players without special software.

#### **2.2 BONDS AND INSURANCES**

##### **Basis of Payment**

A "Bonds and Insurances" item (including "Owner/Contractor Protective Policy," "All Risk Builder's Risk Insurance," and/or "Installation Floater Insurance", **and/or endorsements to fully comply with all contract requirements**) has been included in the bid proposal.

## 2.3 ASPHALT CONCRETE REPLACEMENT, AS PER PLAN

### Method of Measurement

The quantity to be paid shall be the number of square yards installed per detail in accordance with the plans and specifications. There will be no measurement for pavement replacement outside the limits indicated on the contract drawings

### Basis of Payment

The unit price per square yard stipulated in the proposal for pavement replacement shall include the saw cutting, removal of asphalt and all base material including concrete, brick and aggregate, disposal of all removed items, replacement of base, tacking or prime coating, asphalt intermediate and surface courses, sealing, grading, rolling and replacement of pavement markings to match those applied to the existing pavement. The unit price shall also include maintenance of all areas to be repaired and the furnishing of labor, materials, tools, and appliances necessary to complete the work as specified or as shown.

## 2.4 STORM OR SANITARY SEWERS, AS PER PLAN

### Method of Measurement

The quantity to be paid shall be the number of linear feet installed per the plans and specifications measured by the plan difference in horizontal distance between centerlines of manholes and/or inlets; centerline of mainline pipe for transverse sewers or laterals; ends of laterals; between ends of culvert pipe or faces of headwalls. Any increase in installed length due to change in length of pipe or location of structures not directed by the Engineer shall not be measured for payment.

### Basis of Payment

The unit price shall be irrespective of the depth of pipe and if not called out as a separate pay item shall include the furnishing and laying of pipe; field location, exploratory excavations to verify locations of existing utilities prior to laying conduit; soil excavation; sheeting; shoring; disposal of undesirable and excess material; underground water and/or surface water; bedding; compacted backfill material; Owner's costs related to re-inspection or re-testing of failed or re-compacted backfill material; specials; bends; tees; fittings; plugs; stoppers; cleanouts; bulkheads; jointing material; protection of existing trees or vegetation to be saved; protection and/or replacement of all existing utilities; connection to existing conduit or structures; leakage testing; Owner's costs related to re-inspection or re-testing of pipe failing leakage testing or internal videotaping; removal and replacement of poles, posts, signs, mailboxes, paper boxes, fences, landscape timbers, guardrails, sign wiring, fixtures, or other appurtenances; surface grading; temporary pavement; and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown.

This item shall include the supporting all existing poles as called for support on the plans.

2.5 8 INCH – 15 INCH CONDUIT INTERNAL TELEVISION INSPECTION INCLUDING  
LIGHT CLEANING, AS PER PLAN

Method of Measurement

The quantity to be paid shall be the number of linear feet televised per the specifications measured centerline to centerline of manholes. If reverse setups are required during television inspection, the per foot cost of television inspection will be paid only for the actual televised footage between the manholes or structures involved.

Basis of Payment

The unit prices for the various sizes of pipe shall include mobilization, setup, measuring pipe diameters and manhole depths, light cleaning of the sewer using sewer jet, water for cleaning, televising the sewer pipe and manhole troughs, accurately measuring the location of connecting pipes, televising sewer connections by positioning the camera, rotating the camera head, viewing the connecting pipe (from the sewer main), and recording the observations, videotapes, inspection logs, and the furnishing of all labor, material, tools and appurtenances necessary to complete the work as specified or as shown. Videotapes and logs shall be turned over to the Owner prior to payment for this item.

This item shall include the pre-televising for the pipe liner. Post televising shall be included in the pipe lining price bid.

2.6 SEEDING AND MULCHING

Basis of Payment

The unit price shall include furnishing and placement of topsoil, testing of topsoil, finish grading, seed, fertilizers, lime, water, maintenance, mowing, and all else necessary to establish a grass turf over all disturbed areas to be grassed.

2.7 CONCRETE WALK

Basis of Payment

The unit price shall include ODOT 304 subbase.