



To: All Plan Holders of Record

From: CT Consultants, Inc.

**Re: *Addendum No. 2
Manry Park Exercise Trail Improvements
City of Willowick***

Date: January 23, 2020

This Addendum forms a part of the contract documents and modifies the original bidding documents dated December, 2019 and all previous addenda, if any. Acknowledge receipt of this addendum in the space provided in the bid forms. Failure to do so may subject the bidder to disqualification.

BID DOCUMENTS

1. **Replace** Prices to Include BD.8 to BD.11 with BD.8A to BD.12A.
2. **Clarification:** The required project sign information is located on Page SR.2 of Section 7, Specific Project Requirements. Disregard the project sign information in Specifications Section 015800, Item 1.1 C.

BID FORMS

Replace Bid Form, Page BF.8, with the enclosed Bid Form, Page BF.8A.

PLANS AND SPECIFICATIONS

Replace Plan Sheets 4, and 6 to 10 of 12 with revised Plan Sheets 4A, and 6A to 10A of 12.

MJS:mjs

Enclosures

H:\2019\19023301\SPEC\Addenda\Addendum 02\Addendum 2.Doc

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 workmen, 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.
- 1.11 Bonds and Insurances (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**).
- 1.12 All erosion control measures in accordance with the Contract Documents.
- 1.13 Maintaining traffic.
- 1.14 Mobilization.

PART 2 - ITEMS

All work proposed by this contract shall be quantified and paid for in accordance with the pertinent O.D.O.T. specification except as specifically altered by other provisions of this contract.

2.1 CLEARING AND GRUBBING, AS PER PLAN

Basis of Payment

The lump sum price shall include cutting and removal of tree roots in the pavement areas larger than one inch to three inches below subgrade.

2.2 SPECIAL – INFILTRATION TRENCH, GRASS OVER STONE

Method of Measurement

The quantity to be paid shall be the number of linear feet installed per the plans and specifications measured from end to end of the filtration trench.

Basis of Payment

The unit price shall include the supply and install of perforated PVC #57 drainage stone, filter fabric, topsoil, excavation, disposal of excess materials, and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified as shown.

2.3 FILTER FABRIC FENCE, 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 along the fence lines next to the infield.

Basis of Payment

The unit price shall include the supply and install of filter fabric conforming to the silt fence detail under the Storm Water Pollution Prevention Plan details. The filter fabric shall be installed at the base of the chain link fence along the infield the ball field to prevent the erosion of clay infield into the storm sewer. A field determination will be made of how to attach the fabric to the fence. The unit price shall include the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown.

2.4 MOW EDGE STRIP - STONE

Method of Measurement

The quantity to be paid shall be the number of linear feet installed per the plans and specifications measured on each side of the pavement walk.

Basis of Payment

The unit price shall include the supply and install of mow edge, including compacted crushed stone (limestone not allowed), aluminum edge restraint and stakes, geotextile fabric, and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown.

2.5 CONDUIT, 6 INCH, 8 INCH, 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 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 excavation, and verification of existing utilities prior to laying conduit; earth and/or rock excavation; disposal of undesirable and excess material; all pumping required for adequate handling of flow bypassing, 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; Owner's costs related to re-inspection; 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.

2.6 INLET, YARD DRAIN, AS PER PLAN

Method of Measurement

The quantity of each inlet, yard drain to be paid for shall be the actual number furnished and built in place in accordance with the contract drawings and with these specifications.

Basis of Payment

The unit price bid for inlet, yard drains shall include the furnishing and construction in place of the inlet, yard drains complete with excavation; backfill; PVC type B conduit conforming to ODOT 611 for the inlet structure; frame with grate; granular backfill under proposed or existing pavements, walks, drives, concrete, and disposal of all undesirable material; and the furnishing of all labor, materials, tools and appliances necessary to complete the work as specified or as shown. The unit price shall also include all tees and connection of existing sewers to the

drainage structure as indicated on the contract drawings or directed by the Engineer. Adjustments in final grate elevations shall be included in the unit price.

2.7 8 INCH INLINE DRAIN, PRE FABRICATED, ENGINEERED PVC DRAINAGE STRUCTURE, AS PER PLAN

Method of Measurement

The quantity to be paid shall be the actual number furnished and built in place in accordance with the contract drawings and with these specifications.

Basis of Payment

The unit price shall include the furnishing and construction in place of the drains, complete with excavation; backfill; frame and cover; concrete collar; granular backfill under proposed or existing pavements, walks, drives, existing drainage structures, and disposal of all undesirable material; and the furnishing of all labor, materials, tools and appliances necessary to complete the work as specified or as shown. The unit price shall also include the 5' sewer stubs. Adjustments in the final casting elevations shall be included in the unit price.

The inline drains shall be Nyloplast, with H-10 dome grate, or approved equal.

2.8 LAWN RESTORATION (GRADING, SEEDING & MULCHING)

The work, method of construction and materials for lawn restoration shall be in accordance with Section 329219 with the following modifications:

1. There will be no separated measurement or payment for furnishing and placing the required 4-inch topsoil bed.
2. Cost to prepare the subgrade to receive the 4-inch topsoil bed including any necessary excavation or embankment to bring the subgrade to the lines indicated on the plans and parallel to the proposed finished grade shall be included in this bid item.
3. Restoration within the contract pay limits will be paid as directed by the Engineer on a one-time basis. Subsequent repairs of previously repaired seeded areas, repair of areas outside the contract pay limits and repairs to areas not planted within the designated spring or fall sowing season shall be at the Contractor's expense.
4. This item includes seeding for the bioswale (rain garden).
5. This item includes topsoil and seeding for the area north of the path and bioswale to correct a low spot in the existing grades.

Basis of Payment

The lump sum price shall be full compensation for excavation and/or embankment of all areas to be restored to a depth necessary for placing topsoil to the grades shown or directed by the Engineer; removal and disposal of excess and unsuitable materials; preparation of the subgrade for topsoil; furnishing, placing, spreading and rolling topsoil; preparing the topsoil bed for sowing of seed; furnishing and placing soil amendments, fertilizer, and seed; maintaining lawn by watering, fertilizing, weeding, mowing, trimming and other operations as rolling, regrading and replanting as required to establish an acceptable standard of growth; inventory and restore damaged tree lawn landscape features; and the furnishing of all labor, material, tools, materials and appliances necessary to complete the work as specified or as shown.

2.9 SPECIAL RAIN GARDEN, AS PER PLAN (BIOSWALE)

Basis of Payment

The unit price shall include excavation, disposal of excess excavation, rough grading, aggregates, geotextile fabric, underdrain and clean-out, connection of underdrain to existing Inlet Basin, adjusting existing catch basin to grade, bio-retention soil, and backfill, for the bio-retention areas as shown on Drawings and the furnishing of all labor, materials, tools, and appurtenances necessary to complete the Work as specified or as shown on plans and specifications.

2.10 PROJECT SIGN

Basis of Payment

The lump sum price shall include all costs associated with purchasing and installing the required sign, and the furnishing of all labor, materials (including post), tools, and appurtenances necessary to install the sign as specified at the project site.

**Proposal to City of Willowick
For Manry Park Exercise Trail Improvements
Part A - LAKE-012C Funded - Behind Baseball Fields
Project No. 19023301**

REF. NO.	DESCRIPTION	QTY.	MEASURE UNITS	UNIT PRICE LABOR	UNIT PRICE MATERIAL	TOTAL UNIT PRICE	ITEM TOTAL
1	(SPC) PRECONSTRUCTION VIDEO DOCUMENTATION, AS PER PLAN	1.00	LS	\$	\$	\$	\$
2	(201) CLEARING AND GRUBBING, AS PER PLAN	1.00	LS	\$	\$	\$	\$
3	(202) PAVEMENT REMOVED	607.00	SY	\$	\$	\$	\$
4	(203) SPECIAL - INFILTRATION TRENCH, GRASS OVER STONE	80.00	FT	\$	\$	\$	\$
5	(204) SUBGRADE COMPACTION	651.00	SY	\$	\$	\$	\$
6	(204) GEOTEXTILE FABRIC	651.00	SY	\$	\$	\$	\$
7	(207) FILTER FABRIC FENCE, AS PER PLAN	165.00	FT	\$	\$	\$	\$
8	(304) AGGREGATE BASE	108.50	CY	\$	\$	\$	\$
9	(451) 6 INCH REINFORCED CONCRETE PAVEMENT, AS PER PLAN	651.00	SY	\$	\$	\$	\$
10	(607) MOW EDGE STRIP - STONE	600.00	FT	\$	\$	\$	\$
11	(611) 6" CONDUIT, TYPE B, AS PER PLAN	164.00	FT	\$	\$	\$	\$
12	(611) 8" CONDUIT, TYPE B, AS PER PLAN	235.00	FT	\$	\$	\$	\$
13	(611) CONDUIT, MISC.: CONNECTION OF CONDUIT TO EXISTING DRAINAGE STRUCTURE	2.00	EACH	\$	\$	\$	\$
14	(611) CATCH BASIN FRAME AND GRATE, AS PER PLAN	1.00	EACH	\$	\$	\$	\$
15	(611) INLET, YARD DRAIN, AS PER PLAN	6.00	EACH	\$	\$	\$	\$
16	(611) 8 INCH INLINE DRAIN, PRE-FABRICATED, ENGINEERED PVC DRAINAGE STRUCTURE, AS PER PLAN	5.00	EACH	\$	\$	\$	\$
17	(SPC) LAWN RESTORATION (GRADING, SEEDING, & MULCHING)	1.00	LS	\$	\$	\$	\$
18	(SPC) SPECIAL - RAIN GARDEN, AS PER PLAN	1.00	EACH	\$	\$	\$	\$
19	(680) SIGN, AS PER PLAN	1.00	EACH	\$	\$	\$	\$
INFORMAL TOTAL BID						\$	\$