



ADDENDUM #2

To: Prospective Bidders
From: Porter Co. Dept. of Development & Storm Water Management
Date: February 22, 2019
Subject: Ludington Ditch, Arm 10 – Drain Tile Reconstruction, Phase 1
Construction Services

The attention of all prospective bidders is called to the following Addendum.

This Addendum, designated as Addendum #2, is hereby included in and made a part of the bidding documents, whether or not attached thereto. Except as modified by this Addendum, all requirements of the bidding documents shall remain in full force and effect.

Bidder shall acknowledge the receipt of this Addendum #2 on his or her bid form.

Clarifications & Modifications

The following clarifications and/or modifications to the bidding documents are being provided or are being made by the Department in response to questions posed and/or as determined necessary by the Department and are hereby included in and made a part of the bidding documents.

BASIS OF BID FORM

1. Basis of Bid Form

Replace the Basis of Bid Form with the attached Basis of Bid Form.

A summary of the modifications made to the Basis of Bid Form is presented below.

Base Bid

- a. The Basis of Bid Form has been revised to reflect the correct plan quantity for ITEM 13A. "STORM SEWER STRUCTURE, TYPE 1, 4-8 FT DEEP" (i.e., QTY. 10 EA).
- b. The Basis of Bid Form has been revised to reflect the correct plan quantity for ITEM 13B. "EXCAVATION FOR STORM SEWER STRUCTURE, TYPE 1, 4-8 FT DEEP" (i.e., QTY. 89 CY).
- c. The Basis of Bid Form has been revised to reflect the correct plan quantity for ITEM 13D. "STRUCTURE BEDDING FOR STORM SEWER STRUCTURE, TYPE 1, 4-8 FT DEEP" (i.e., QTY. 5 CY).
- d. The Basis of Bid Form has been revised to reflect the correct plan quantity for ITEM 13D E. "STRUCTURE BACKFILL FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP (i.e., QTY. 26 CY).
- e. The Basis of Bid Form has been revised to reflect the correct plan quantity for ITEM 14A. "STORM SEWER STRUCTURE, TYPE 1, > 8 FT DEEP" (i.e., QTY. 5 EA).
- f. The Basis of Bid Form has been revised to reflect the correct plan quantity for ITEM 14B. "EXCAVATION FOR STORM SEWER STRUCTURE, TYPE 1, > 8 FT DEEP" (i.e., QTY. 65 CY).



- g. The Basis of Bid Form has been revised to reflect the correct plan quantity for ITEM 14D. "STRUCTURE BEDDING FOR STORM SEWER STRUCTURE, TYPE 1, > 8 FT DEEP" (i.e., QTY. 3 CY).
- h. The Basis of Bid Form has been revised to reflect the correct plan quantity for ITEM 14E. "STRUCTURE BACKFILL FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP (i.e., QTY. 19 CY).
- i. The Basis of Bid Form has been revised to reflect the correct plan quantity for ITEM 20A. "STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP" (i.e., QTY. 1 EA).
- j. The Basis of Bid Form has been revised to reflect the correct plan quantity for ITEM 20B. "EXCAVATION FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP" (i.e., QTY. 12 CY).
- k. The Basis of Bid Form has been revised to reflect the correct plan quantity for ITEM 20D. "STRUCTURE BEDDING FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP" (i.e., QTY. 1 CY).
- l. The Basis of Bid Form has been revised to reflect the correct plan quantity for ITEM 20E. "STRUCTURE BACKFILL FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP (i.e., QTY. 3 CY).
- m. The Basis of Bid Form has been revised to include ITEM 21A. "STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP" and reflect the correct plan quantity for such work item (i.e., QTY. 1 EA).
- n. The Basis of Bid Form has been revised to include ITEM 21B. "EXCAVATION FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP" and reflect the correct plan quantity for such work item (i.e., QTY. 18 CY).
- o. The Basis of Bid Form has been revised to include ITEM 21C. "DEWATERING FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP" and reflect the correct plan quantity for such work item (i.e., QTY. 1 LS).
- p. The Basis of Bid Form has been revised to include ITEM 21D. "STRUCTURE BEDDING FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP" and reflect the correct plan quantity for such work item (i.e., QTY. 1 CY).
- q. The Basis of Bid Form has been revised to include ITEM 21E. "STRUCTURE BACKFILL FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP" and reflect the correct plan quantity for such work item (i.e., QTY 5 CY).

TECHNICAL SPECIFICATIONS

2. Restore Disturbed Area

To clarify the construction requirements associated with the restoration of disturbed areas, only those areas delineated on "Sheet A1-Restoration Plan" shall receive plant seed and, if necessary, erosion control blanket once they have been "prepared" (i.e., shaped, trimmed, and finished and blended into the existing adjacent grade). Land used for crop production (i.e., farm fields) need not receive plant seed or erosion control blanket; once such disturbed areas have been shaped, trimmed, and finished and blended into the existing adjacent grade, they shall be considered to be "restored".

SECTION II. BASIS OF BID FORM
 (Please type or print)

This Basis of Bid Form is to be submitted by bidder, as an attachment to the Bid Form, for the project designated as **Ludington Ditch, Arm 10 – Drain Tile Reconstruction, Phase 1**. It is to include an entry for each and every work item listed, including all base work items, all items “as ordered by Engineer”, if any, all additive work items, if any, and all alternate work items, if any, as well as a total quote, in both words and figures, as provided for below.

BASE BID

Bidder will perform all work specified or indicated in the contract documents in accordance with terms and conditions of the contract documents for the following price(s):

WORK ITEMS

ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	EXT. PRICE
1	MOBILIZATION & DEMOBILIZATION	LS	1		
2	TEMPORARY CONSTRUCTION ENTRANCE	EA	2		
3	TEMPORARY GEOTEXTILE DROP INLET PROTECTION	EA	11		
4	TEMPORARY CATCH BASIN INSERT INLET PROTECTION	EA	0		
5	CLEARING & TREE REMOVAL	AC	1.2		
6	UTILITY INVESTIGATION	EA	3		
7	DRAIN TILE INVESTIGATION	EA	2		
8A	DRAIN TILE, 12" HDPE, TYPE DWS (DUAL WALL, SOLID)	LF	2137		
8B	EXCAVATION FOR DRAIN TILE, 12" HDPE, TYPE DWS	CY	1449		
8C	DEWATERING FOR DRAIN TILE, 12" HDPE, TYPE DWS	LS	1		
8D	BEDDING & INITIAL BACKFILL FOR DRAIN TILE, 12" HDPE, TYPE DWS	CY	290		
8E	FINAL BACKFILL FOR DRAIN TILE, 12" HDPE, TYPE DWS	CY	1159		
9A	DRAIN TILE, 18" HDPE, TYPE DWS (DUAL WALL, SOLID)	LF	1985		
9B	EXCAVATION FOR DRAIN TILE, 18" HDPE, TYPE DWS	CY	1945		
9C	DEWATERING FOR DRAIN TILE, 18" HDPE, TYPE DWS	LS	1		
9D	BEDDING & INITIAL BACKFILL FOR DRAIN TILE, 18" HDPE, TYPE DWS	CY	306		
9E	FINAL BACKFILL FOR DRAIN TILE, 18" HDPE, TYPE DWS	CY	1640		

ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	EXT. PRICE
10A	DRAIN TILE, 24" HDPE, TYPE DWS (DUAL WALL, SOLID)	LF	2310		
10B	EXCAVATION FOR DRAIN TILE, 24" HDPE, TYPE DWS	CY	2504		
10C	DEWATERING FOR DRAIN TILE, 24" HDPE, TYPE DWS	LS	1		
10D	BEDDING & INITIAL BACKFILL FOR DRAIN TILE, 24" HDPE, TYPE DWS	CY	593		
10E	FINAL BACKFILL FOR DRAIN TILE, 24" HDPE, TYPE DWS	CY	1822		
11	24" x 6" TEE, HDPE, TYPE DWS (DUAL WALL, SOLID)	EA	1		
12A	PERFORATED DRAIN TILE, 6" HDPE, TYPE SWP (SINGLE WALL, PERFORATED), OPEN TRENCH CONSTRUCTION	LF	6091		
12B	EXCAVATION FOR PERFORATED DRAIN TILE, 6" HDPE, TYPE SWP	CY	2151		
12C	DEWATERING FOR PERFORATED DRAIN TILE, 6" HDPE, TYPE SWP	LS	1		
12D	BEDDING & INITIAL BACKFILL FOR PERFORATED DRAIN TILE, 6" HDPE, TYPE SWP	CY	363		
12E	FINAL BACKFILL FOR PERFORATED DRAIN TILE, 6" HDPE, TYPE SWP	CY	1788		
13A	STORM SEWER STRUCTURE, TYPE 1, 4-8 FT DEEP=	EA	10		
13B	EXCAVATION FOR STORM SEWER STRUCTURE, TYPE 1, 4-8 FT DEEP	CY	89		
13C	DEWATERING FOR STORM SEWER STRUCTURE, TYPE 1, 4-8 FT DEEP	LS	1		
13D	STRUCTURE BEDDING FOR STORM SEWER STRUCTURE, TYPE 1, 4-8 FT DEEP	CY	5		
13E	STRUCTURE BACKFILL FOR STORM SEWER STRUCTURE, TYPE 1, 4-8 FT DEEP	CY	26		
14A	STORM SEWER STRUCTURE, TYPE 1, > 8 FT DEEP (ST-03, ST-09, ST-10, ST-11, ST-30)	EA	5		
14B	EXCAVATION FOR STORM SEWER STRUCTURE, TYPE 1, > 8 FT DEEP	CY	65		
14C	DEWATERING FOR STORM SEWER STRUCTURE, TYPE 1, > 8 FT DEEP	LS	1		
14D	STRUCTURE BEDDING FOR STORM SEWER STRUCTURE, TYPE 1, > 8 FT DEEP	CY	3		
14E	STRUCTURE BACKFILL FOR STORM SEWER STRUCTURE, TYPE 1, > 8 FT DEEP	CY	19		
15	GRADING DITCHES & SWALES FOR GRASSED WATERWAY	LF	1544		
16	ROAD CUT & REPAIR	SY	192		
17	MAINTENANCE OF TRAFFIC FOR ROAD CUT & REPAIR	LS	1		

ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	EXT. PRICE
18	CULVERT, 15" CMP, 12 GA.	LF	20		
19	EXCAVATION AND/OR FILL, AS ORDERED BY ENGINEER (ALLOWANCE)	XXX	XXX	XXXXXX	\$20,000.00
20A	STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP (ST-08)	EA	1		
20B	EXCAVATION FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP	CY	12		
20C	DEWATERING FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP	LS	1		
20D	STRUCTURE BEDDING FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP	CY	1		
20E	STRUCTURE BACKFILL FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP	CY	3		
21A	STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP (ST-06)	EA	1		
21B	EXCAVATION FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP	CY	18		
21C	DEWATERING FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP	LS	1		
21D	STRUCTURE BEDDING FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP	CY	1		
21E	STRUCTURE BACKFILL FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP	CY	5		
TOTAL BID (I.E., TOTAL OF ALL EXTENDED PRICES):					

ALTERNATE WORK ITEMS

Bidder will perform all work specified or indicated in the contract documents in accordance with terms and conditions of the contract documents for the following price(s):

WORK ITEM #12 – ALTERNATE BID

ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	EXT. PRICE
12	PERFORATED DRAIN TILE, 6" HDPE, TYPE SWP (SINGLE WALL, PERFORATED), TRENCHLESS CONSTRUCTION (E.G., TILE PLOW)	LF	6091		
TOTAL ALTERNATE BID FOR WORK ITEM #12 (I.E., TOTAL OF ALL EXTENDED PRICES):					

STORM SEWER STRUCTURES (ST-01, ST-02, ST-03, ST-04, & ST-05) – ALTERNATE BID

ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	EXT. PRICE
ALT1A	STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP (ST-01, ST-02, ST-04, ST-05)	EA	4		
ALT1B	EXCAVATION FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP	CY	48		
ALT1C	DEWATERING FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP	LS	1		
ALT1D	STRUCTURE BEDDING FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP	CY	3		
ALT1E	STRUCTURE BACKFILL FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), 4-8 FT DEEP	CY	12		
ALT2A	STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP (ST-03)	EA	1		
ALT2B	EXCAVATION FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP	CY	18		
ALT2C	DEWATERING FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP	LS	1		
ALT2D	STRUCTURE BEDDING FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP	CY	1		
ALT2E	STRUCTURE BACKFILL FOR STORM SEWER STRUCTURE, SPECIAL (5 FT DIA.), > 8 FT DEEP	CY	5		
TOTAL ALTERNATE BID FOR STORM SEWER STRUCTURES (ST-01, ST-02, ST-03, ST-04, & ST-05) (I.E., TOTAL OF ALL EXTENDED PRICES):					

In accordance with the Instructions to Bidders, all items appearing in the Basis of Bid Form as alternate work items are contingent work items that may be substituted for base work items and selected for inclusion in the work prior to the notice of award at the sole discretion of Owner. Bidder acknowledges that bidder's total bid does (i.e., total base bid) not include such alternate work items but that the initial contract price will depend on the number of alternate work items substituted for base work items and selected for inclusion in the work prior the work prior to the notice of award.