



To: All Plan Holders of Record

From: Verdantas LLC
For the Owner

Re: Addendum No. 6
Lakeshore East Equalization Basin
City of Willoughby

Date: March 31, 2025

This Addendum forms a part of the contract documents and modifies the original bidding documents dated February 2025 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 FORMS

Replace Bid Form, Page BF.8B, with the enclosed Bid Form, Pages BF.8C.
Please submit BF.8C and BF.9A with your bid.

QUESTIONS AND ANSWERS

Q1. On sheet 46 of Addendum 1 there's a detail on The Diversion Structure Electrical Backboard. Coded Note 15 shows a Remote Control & Power Distribution Panel. Is there a spec on the RCPP Panel?

A1. There is no specification for the RCPP or other control panels by themselves, however they must meet the requirements of Section 26 – Electrical and Section 40 – Process Interconnections.

Q2. On sheet 46 of Addendum 1 there's a detail on The Diversion Structure Electrical Backboard. Coded Note 15 shows a Remote Control & Power Distribution Panel. What are the components in the Panel?

- 1. A2. Remote Control & Power Distribution Panel "RCPP" Required Components:**
- a. NEMA 4X enclosure**
 - b. Circuit breakers of ratings with quantities per Distribution Diagram on Sheet E-02, plus (1) 15A, 1-pole for an external convenience receptacle and any other overcurrent protection needed for other devices (DC power supply, Ethernet switch, etc.)**
 - c. 10" door-mounted HMI**
 - d. PLC with communications and I/O modules to accommodate the following signals:**
 - i. Discrete Inputs - (3) sets**
 - 1. Valve Open Position**
 - 2. Valve Closed Position**

- 3. Valve in Auto
 - 4. Valve Fault
- ii. Discrete Outputs - (3) sets
 - 1. Valve Open Command
 - 2. Valve Closed Command
- iii. Communications capabilities
 - 1. HMI
 - 2. Client specified radio modem

Q3. On sheet 46 of Addendum 1 there's a detail on The Diversion Structure Electrical Backboard. Coded Note 15 shows a Remote Control & Power Distribution Panel. Who is responsible for providing the panel?

A3. Systems Integrator via Contractor is responsible for providing everything.

TM/RS:mep

Enclosures

H:\2023\230264\SPEC\Addenda\Addendum 06\Addendum 06.Doc

Proposal to City of Willoughby
For Lakeshore East Equalization Basin

Project No. 230264

REF. NO.	DESCRIPTION	QTY.	MEASURE UNITS	UNIT PRICE LABOR	UNIT PRICE MATERIAL	TOTAL UNIT PRICE	ITEM TOTAL
1	(SPC) ASPHALT PAVEMENT REPLACEMENT, TEMPORARY, AS PER PLAN	500.00	SY	\$	\$	\$	\$
2	(254) PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN	350.00	SY	\$	\$	\$	\$
3	(301) ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN	730.00	CY	\$	\$	\$	\$
4	(304) AGGREGATE BASE, AS PER PLAN	730.00	CY	\$	\$	\$	\$
5	(407) TACK COAT, TRACKLESS TACK	735.00	GAL	\$	\$	\$	\$
6	(408) PRIME COAT	1,750.00	GAL	\$	\$	\$	\$
7	(441) ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446), AS PER PLAN	182.00	CY	\$	\$	\$	\$
8	(441) ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, AS PER PLAN	215.00	CY	\$	\$	\$	\$
9	(452) 6 INCH NON-REINFORCED CONCRETE DRIVES AND APRONS, CLASS QC MS, INCL. FIBER REINFORCING, AS PER PLAN	310.00	SY	\$	\$	\$	\$
10	(501) GENERAL CONSTRUCTION	1.00	LS	\$	\$	\$	\$
11	(608) 4 INCH CONCRETE WALK, INCLUDING REMOVAL, AS PER PLAN	275.00	SF	\$	\$	\$	\$
12	(608) 6 INCH CURB RAMP, INCLUDING FIBROUS REINFORCING, INCLUDING REMOVAL, AS PER PLAN	81.00	SF	\$	\$	\$	\$
13	(611) 24" SANITARY SEWER, AS PER PLAN	100.00	FT	\$	\$	\$	\$
14	(611) CATCH BASIN ADJUSTED TO GRADE, METHOD D.2 (metal riser), AS PER PLAN	3.00	EACH	\$	\$	\$	\$
15	(611) TYPE "A" SANITARY MANHOLE, AS PER PLAN	4.00	EACH	\$	\$	\$	\$
16	(611) MANHOLE ADJUSTED TO GRADE, METHOD D.1 (brick), AS PER PLAN	6.00	EACH	\$	\$	\$	\$
17	(611) FORCE MAIN DIVERSION STRUCTURE, AS PER PLAN	1.00	EACH	\$	\$	\$	\$
18	(624) MOBILIZATION	1.00	LS	\$	\$	\$	\$
19	(680) SPECIAL - DEWATERING ALLOWANCE, AS PER PLAN	1.00	LS	\$ -----	\$ -----	\$ 150,000.00	\$ 150,000.00
20	(680) 16 INCH FORCE MAIN, AS PER PLAN	1,065.00	FT	\$	\$	\$	\$
21	(SPC) UTILITY COMPANY CHARGES ALLOWANCE	1.00	LS	\$ -----	\$ -----	\$ 100,000.00	\$ 100,000.00
INFORMAL TOTAL BID				\$			