



To: All Plan Holders of Record

From: Verdantas LLC
For the Owner

Re: *Addendum No. 5*
Lakeshore East Equalization Basin
City of Willoughby

Date: March 28, 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.

OPINION OF PROBABLE CONSTRUCTION COST

The Opinion of Probable Construction Cost as published in the Legal Notice shall be changed from \$11,000,000.00 to \$13,250,000.00

QUESTIONS AND ANSWERS

Q1. What is the joint type for the 16-inch force main?

A1. All exposed joints shall be flange joints. Buried applications can be provided with mechanical joints with thrust blocking, per plan.

Q2. One of the approved tank contractors may not have completed 10 projects similar to the design (completely buried, with flat roof), will this be considered as a disqualified bid if we list that tank company as our sub-contractor in our bid. Please clarify.

A2. This answer and clarification shall govern over all previous responses including, but not limited to, Addendum 02, Question 4.

If the tank manufacturer does not meet the quality requirements, that manufacturer is not acceptable. Bids should be based on tank manufacturers that meet the quality requirements.

Example projects must be provided with each bid. An example project is deemed comparable and applicable to the conditions of this project as having a flat roof design and having similar dimensions of the tank, both depth and diameter. Larger tanks are acceptable. Smaller tank examples can be within 80% of the dimensions of the proposed tank. Prestressed tanks shall meet AWWA D110. Post-tensioned tanks shall meet AWWA D115.

Q3. We received earth retention system design with beam and lagging with tie-back anchors, these tie back anchors are long and will penetrate the ground of adjacent properties, beyond work disturbance limit of this project. Will the penetration of Tieback anchors into adjacent properties be acceptable on Eart Retention system? Please clarify.

A3. All work shall be performed within the City's property. If work impacts adjacent properties, written permission from the property owner shall be acquired prior to work being initiated. A copy of the written permission shall be provided to the City. The City shall NOT be held responsible for any damage that occurs to neighboring properties due to work.

Q4. Is there a way to allow for an allowance for potential dewatering associated with the tank site? Would it be able to be utilized as needed based on time and materials?

A4. A Dewatering Allowance has been added to the Contract for \$150,000.00. This is to be utilized as necessary and directed by the Engineer. Only direct costs associated with the dewatering may be charged against the allowance. Please refer the updated Prices to Include for more detail.

BID DOCUMENTS

Replace Prices to Include, Page BD.18A, with the enclosed Prices to Include, Page BD.18B.

BID FORMS

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

TM/RS:mep

Enclosures

H:\2023\230264\SPEC\Addenda\Addendum 05\Addendum 05.Doc

2.18 (SPC) UTILITY COMPANY CHARGES ALLOWANCE

Basis of Payment

A Utility Allowance has been included in the bid proposal to be utilized as directed by the Engineer for direct costs charged by utility company(s) associated with the temporary removal, relocation or support of utility poles, existing overhead lights, utility wires overhanging the proposed sewer, cables, anchors, water main or service connections, gas main or service connections, or other work which can be performed only/exclusively by the utility company. Payment shall be made for only work which has the prior approval of the Engineer.

The amount to be paid to the Contractor and the amount utilized in the allowance shall be the invoice amount from the utility company plus 8% mark-up on the invoice amount for overhead and profit and per the contract provisions regarding retainer. Any costs to the Contractor due to this item for insurance, bonding, etc., shall be reflected in the cost of other items.

Invoices for all for all work completed by the utility company(s) or others shall be submitted as evidence of the work completed on the project.

No payment for this item will be made to the Contractor for utility work required when resulting from the Contractor's construction methods or rework due to their negligence or construction methods.

Any portion of the allowance not utilized shall be credited to the Owner.

2.19 (SPC) DEWATERING ALLOWANCE

Basis of Payment

A Dewatering Allowance has been included in the bid proposal to be utilized as directed by the Engineer for direct costs associated with any and all equipment, labor, tools, and materials necessary for dewatering excavation for the equalization tank. This shall be for only the physical work performed to initially dewater the excavation and/or dewater the site to maintain an excavation suitable for installing the tank shoring, foundation, walls, and all components of the tank or wet well structures. This will not be able to be utilized for any other work not associated with the tank structures and any dewatering associated with any work within the contract shall be included amongst the appropriate pay items. Any engineering or dewatering plan development is not eligible to be charged to this allowance and should be included in the general construction pay item if necessary.

Payment shall be made for only work which has the prior approval of the Engineer. Any portion of the allowance not utilized shall be credited to the Owner.

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	\$	\$	\$	\$
20	(680) 16 INCH FORCE MAIN, AS PER PLAN	1,065.00	FT	\$	\$	\$	\$
21	(SPC) UTILITY COMPANY CHARGES ALLOWANCE	1.00	LS	\$ -----	\$ -----	\$ 150,000.00	\$ 150,000.00
INFORMAL TOTAL BID				\$	\$		