

BOARD OF PUBLIC WORKS  
 Thursday November 8, 2012  
 11:01 AM (L.S.T.)

**Contract 12-77 Sanitary Lateral Chemical Grouting**

Susan VanHoven, Deputy City Clerk  
 Bill Wehrley, City Engineer  
 Laurel Schleimer, Purchasing

Bids were opened and proof of publication was read to provide and furnish all labor, materials, and equipment necessary for Contract 12-77 in the City of Wauwatosa, all in accordance with the contract documents, including plans and specifications as prepared by the Engineering Services Department, Wauwatosa, Wisconsin, for the following prices:

NO.	ITEM	QUANTITY	UNIT	ACKNOWLEDGED ADDENDUM		Great Lakes TV Seal, Inc.		National Power Rodding Corp.		Infrastructure Technologies d/b/a Infracore		Visu-Sewer, Inc.		TOTAL
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
				Yes (DH)		Yes		Yes		Yes		Yes		
1	grouting and verification testing of lateral connections to 8" sanitary sewer and the initial first five feet of the sanitary sewer lateral. All grout and required additives shall be paid per gallon under Bid Item 7	329.00	EA	281.00	\$92,449.00	\$299.00	\$98,371.00	\$352.83	\$116,081.07	\$535.00	\$176,015.00			\$0.00
2	grouting and verification testing of lateral connections to 10" sanitary sewer and the initial first five feet of the sanitary sewer lateral. All grout and required additives shall be paid per gallon under Bid Item 7	5.00	EA	281.00	\$1,405.00	\$299.00	\$1,495.00	\$1,240.21	\$6,201.05	\$535.00	\$2,675.00			\$0.00
3	grouting and verification testing of lateral connections to 12" sanitary sewer and the initial first five feet of the sanitary sewer lateral. All grout and required additives shall be paid per gallon under Bid Item 7	7.00	EA	281.00	\$1,967.00	\$299.00	\$2,093.00	\$700.21	\$4,901.47	\$535.00	\$3,745.00			\$0.00
4	grouting and verification testing of lateral connections to 15" sanitary sewer and the initial first five feet of the sanitary sewer lateral. All grout and required additives shall be paid per gallon under Bid Item 7	12.00	EA	309.00	\$3,708.00	\$300.00	\$3,600.00	\$403.81	\$4,845.72	\$550.00	\$6,600.00			\$0.00
5	grouting and verification testing of lateral connections to 18" sanitary sewer and the initial first five feet of the sanitary sewer lateral. All grout and required additives shall be paid per gallon under Bid Item 7	2.00	EA	339.00	\$678.00	\$300.00	\$600.00	\$738.37	\$1,476.74	\$600.00	\$1,200.00			\$0.00
6	grouting and verification testing of lateral connections to 42" or 48" diameter sanitary sewer manholes and the initial first five feet of the sanitary sewer lateral. All grout and required additives shall be paid per gallon under Bid Item 7	30.00	EA	300.00	\$9,000.00	\$400.00	\$12,000.00	\$377.09	\$11,312.70	\$320.00	\$9,600.00			\$0.00
7	acrylamide based grout, including latex and root inhibitor additives. Included all additional additives needed for the installation and verification testing of grouting of lateral connections	2,890.00	GAL	7.65	\$22,108.50	\$10.00	\$28,900.00	\$12.00	\$34,680.00	\$1.00	\$2,890.00			\$0.00
	<b>Total</b>				<b>131,315.50</b>		<b>\$147,059.00</b>		<b>\$179,498.75</b>		<b>\$202,725.00</b>			<b>\$0.00</b>

All bids were accompanied by bid bonds in the amount of 5% of the bid. The bids were received, tabulated and held for future consideration by the Board of Public Works. The successful bidder will be notified of the award.

Secretary, Board of Public Works

## Mike Maki

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**From:** Jeff Healy [jeff@greatlakestvseal.com]  
**Sent:** Thursday, November 08, 2012 3:29 PM  
**To:** Mike Maki  
**Subject:** Lateral grouting

Mike:

We did receive addendum #1 but failed to mark it in the bid document. If there is anything else you need please call

Thanks

Jeff



Jeff Healy  
Great Lakes TV Seal, Inc.  
3600 Kewaunee Road  
Green Bay, WI 54311  
Phone: 920-863-3663 Fax: 920-863-3662  
e-mail: [jeff@greatlakestvseal.com](mailto:jeff@greatlakestvseal.com)

**Contract 13-78 Sanitary Lateral Chemical Grouting**

BOARD OF PUBLIC WORKS  
 THURSDAY, October 31, 2013  
 11:01 A.M. (L.S.T.)

PRESENT: Ms. Carla Ledesma, City Clerk  
 Mr. William Wehrley, City Engineer  
 Ms. Laurie Schleimer, Purchasing

Bids were opened and proof of publication was read to provide and furnish all labor, materials, and equipment necessary for Contract 13-78 in the City of Wauwatosa, all in accordance with the contract documents, including plans and specifications as prepared by the Engineering Services Department, Wauwatosa, Wisconsin, for the following prices:

NO.	ITEM	QUANTITY	UNIT	ENGINEER'S ESTIMATE		VISU-SEWER		NATIONAL POWER RODDING		INFRASTRUCTURE TECHNOLOGIES		GREAT LAKES TV SEAL	
				UNIT PRICE	TOTAL	Unit Price	TOTAL	Unit Price	TOTAL	Unit Price	TOTAL	Unit Price	TOTAL
	<b>ACKNOWLEDGED ADDENDUM</b>					YES		YES		YES		YES	
1	Installing, operating and maintaining traffic control including signing, barricades, flag persons, advanced warning signs and signs announcing the construction is upcoming in the near future, all performed by a qualified traffic control subcontractor, including traffic control plan submittal to the City for review and approval prior to implementation.	1.00	LS	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$28,000.00	\$28,000.00
2	Removal of lateral intrusion prior to grouting activity. Set-up activities for each manhole section shall be considered incidental.	83.00	Ea	\$270.00	\$22,410.00	\$150.00	\$12,450.00	\$350.00	\$29,050.00	\$1,400.00	\$116,200.00	\$750.00	\$62,250.00
3A	Removal of tree root obstruction (medium roots or root balls) for first 10 feet of existing sanitary sewer lateral connection to main in advance of grouting activity. Set-up activities for each manhole section shall be considered incidental, in addition to removal of fine roots within the lateral.	46.00	Ea	\$440.00	\$20,240.00	\$415.00	\$19,090.00	\$1,000.00	\$46,000.00	\$1,890.00	\$86,940.00	\$900.00	\$41,400.00
3B	Removal of tree root obstruction (medium roots or root balls) for first 35 feet of existing sanitary sewer lateral connection to 42-inch or 48-inch diameter manhole in advance of grouting activity. Set-up activities for each manhole shall be considered incidental, in addition to removal of fine roots within the lateral.	10.00	Ea	\$1,850.00	\$18,500.00	\$260.00	\$2,600.00	\$350.00	\$3,500.00	\$3,448.00	\$34,480.00	\$450.00	\$4,500.00
4	Verification of sanitary sewer lateral connection status (via CCTV inspection) prior to grouting or abandonment activity. Set-up activities for each manhole section shall be considered incidental.	78.00	Ea	\$250.00	\$19,500.00	\$410.00	\$31,980.00	\$562.50	\$43,875.00	\$355.00	\$27,690.00	\$500.00	\$39,000.00
5	Grouting and verification testing for first 5 feet of existing sanitary sewer lateral connection to 8-inch main, with up to 5-gallons of acrylamide based grout per connection; including latex strengthening agent and chemical root inhibitor additives. Set-up activities for each manhole section shall be considered incidental, in addition to removal of fine roots or loose debris for the length of lateral to be grouted/tested.	732.00	Ea	\$330.00	\$241,560.00	\$290.00	\$212,280.00	\$340.91	\$249,546.12	\$336.00	\$245,952.00	\$410.00	\$300,120.00
6	Grouting and verification testing for first 5 feet of existing sanitary sewer lateral connection to 10-inch main, with up to 5-gallons of acrylamide based grout per connection; including latex strengthening agent and chemical root inhibitor additives. Set-up activities for each manhole section shall be considered incidental, in addition to removal of fine roots or loose debris for the length of lateral to be grouted/tested.	87.00	Ea	\$340.00	\$29,580.00	\$290.00	\$25,230.00	\$340.91	\$29,659.17	\$372.00	\$32,364.00	\$500.00	\$43,500.00

NO.	ITEM	QUANTITY	UNIT	ENGINEER'S ESTIMATE		VISU-SEWER		NATIONAL POWER RODDING		INFRASTRUCTURE TECHNOLOGIES		GREAT LAKES TV SEAL	
				UNIT PRICE	TOTAL	Unit Price	TOTAL	Unit Price	TOTAL	Unit Price	TOTAL	Unit Price	TOTAL
7	Grouting and verification testing for first 5 feet of existing sanitary sewer lateral connection to 15-inch main, with up to 5-gallons of acrylamide based grout per connection; including latex strengthening agent and chemical root inhibitor additives. Set-up activities for each manhole section shall be considered incidental, in addition to removal of fine roots or loose debris for the length of lateral to be grouted/tested.	22.00	Ea	\$365.00	\$8,030.00	\$290.00	\$6,380.00	\$340.91	\$7,500.02	\$463.00	\$10,186.00	\$550.00	\$12,100.00
8	Grouting and verification testing for first 30 feet of existing sanitary sewer lateral connection to 42-inch or 48-inch diameter manhole, with up to 5-gallons of acrylamide based grout per connection; including latex strengthening agent and chemical root inhibitor additives. Set-up activities for each manhole section shall be considered incidental, in addition to removal of fine roots or loose debris for the length of lateral to be grouted/tested.	90.00	Ea	\$1,575.00	\$141,750.00	\$1,020.00	\$91,800.00	\$850.00	\$76,500.00	\$1,050.00	\$94,500.00	\$1,750.00	\$157,500.00
9	Additional lateral connection grout over initial 5-gallons pumped to refusal to create watertight seal.	4,750.00	Gal	\$4.00	\$19,000.00	\$8.00	\$38,000.00	\$11.00	\$52,250.00	\$8.00	\$38,000.00	\$8.75	\$41,562.50
10	Abandonment of 6-inch sanitary sewer lateral connection by filling with 10-gallons of approved grouting material. Set-up activities for each manhole section shall be considered incidental.	45.00	Ea	\$300.00	\$13,500.00	\$615.00	\$27,675.00	\$485.00	\$21,825.00	\$425.00	\$19,125.00	\$725.00	\$32,625.00
<b>TOTAL BID</b>					<b>\$539,070.00</b>		<b>\$469,985.00</b>		<b>\$564,705.31</b>		<b>\$710,437.00</b>		<b>\$762,557.50</b>

**Bid Tab for Contract 12-99: Lateral Rehabilitation - N. 65th St./Eagle St.**

Item	Description	Quantity	Unit	Engineer's Estimate		Musson Bros.		Performance Pipelining		United Pipe Renewal	
				Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
1	Mobilization.	1	LS	\$30,000.00	\$30,000.00	\$23,750.00	\$23,750.00	\$12,500.00	\$12,500.00	\$30,000.00	\$30,000.00
2	Each of residential temporary access structure (cleanout) installations.	116	EA	\$1,790.00	\$207,640.00	\$1,450.00	\$168,200.00	\$1,600.00	\$185,600.00	\$1,500.00	\$174,000.00
3	Each of one-piece sewer main and 4-inch or 6-inch diameter lateral cured-in-place pipe (CIPP) liner (includes first 20-feet of lateral).	39	EA	\$3,170.00	\$123,630.00	\$2,600.00	\$101,400.00	\$3,750.00	\$146,250.00	\$3,950.00	\$154,050.00
4	Linear feet of additional lateral lining using the one-piece sewer main and lateral cured-in-place liner (beyond the initial 20 feet covered in Bid Item 3).	390	LF	\$51.00	\$19,890.00	\$42.00	\$16,380.00	\$38.50	\$15,015.00	\$50.00	\$19,500.00
5	Each of 4-inch or 6-inch standard lateral CIPP liner with no mainline connection (includes initial 15 feet).	116	EA	\$2,060.00	\$238,960.00	\$1,890.00	\$219,240.00	\$2,250.00	\$261,000.00	\$1,950.00	\$226,200.00
6	Linear feet of lateral lining (beyond the initial 15 feet covered in Bid Item 5).	4100	LF	\$48.00	\$196,800.00	\$42.00	\$172,200.00	\$38.50	\$157,850.00	\$50.00	\$205,000.00
7	Each of custom-fabricated transition (e.g., 6-inch diameter to 4-inch diameter) in lateral liner.	10	EA	\$750.00	\$7,500.00	\$375.00	\$3,750.00	\$425.00	\$4,250.00	\$500.00	\$5,000.00
8	Each of contingent excavated point repairs in non-paved areas, 5-foot length.	5	EA	\$2,250.00	\$11,250.00	\$3,350.00	\$16,750.00	\$3,470.00	\$17,350.00	\$6,350.00	\$31,750.00
9	Linear feet of additional point repair footage in non-paved area (beyond initial 5 feet covered in Bid Item 8).	60	LF	\$97.00	\$5,820.00	\$60.00	\$3,600.00	\$150.00	\$9,000.00	\$150.00	\$9,000.00
10	Each of contingent excavated point repairs in City right-of-way or other paved areas, 5-foot length.	5	EA	\$2,750.00	\$13,750.00	\$5,500.00	\$27,500.00	\$4,375.00	\$21,875.00	\$6,350.00	\$31,750.00
11	Linear feet of additional point repair footage in City right-of-way or other paved areas (beyond initial 5 feet covered in Bid Item 10).	30	LF	\$197.00	\$5,910.00	\$650.00	\$19,500.00	\$180.00	\$5,400.00	\$150.00	\$4,500.00
12	Each of contingent removal of roots, heavy debris, and protruding obstructions in laterals.	15	EA	\$280.00	\$4,200.00	\$500.00	\$7,500.00	\$475.00	\$7,125.00	\$350.00	\$5,250.00
13	Each of contingent grouting to stop infiltration prior to lining.	10	EA	\$490.00	\$4,900.00	\$500.00	\$5,000.00	\$750.00	\$7,500.00	\$350.00	\$3,500.00
14	Each of soaker testing/dye water testing by City block.	15	EA	\$5,800.00	\$87,000.00	\$6,200.00	\$93,000.00	\$6,510.00	\$97,650.00	\$6,820.00	\$102,300.00
14a	Thousand gallons of transport of water for soaker testing/dye water testing (cost of water covered in Bid Item 14).	2500	1000 GAL	\$23.00	\$57,500.00	\$45.00	\$112,500.00	\$51.45	\$128,625.00	\$53.90	\$134,750.00
15	Restoration Allowance.	1	LS	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
	<b>Total</b>				<b>\$1,039,750.00</b>		<b>\$1,015,270.00</b>		<b>\$1,101,990.00</b>		<b>\$1,161,550.00</b>
	5% Bid Bond Requirement						\$50,763.50		\$55,099.50		\$58,077.50
	Comments/Bid Irregularities					APPARENT LOW BIDDER. Did not extend the amounts for bid items 14 and 14A. Total bid amount correct based on unit price and quantities.		Did not submit complete specifications book. Bond amount state to be \$850,000 but actual bond is for 5% of bid.		Did not submit complete specifications book.	