



CITY of NOVI CITY COUNCIL

Agenda Item 2 November 26, 2018

SUBJECT: Approval to award the construction contract for the Grand River Avenue and Jo Drive Sanitary Sewer Repair project to D.V.M. Utilities, Inc., the low-bidder, in the amount of \$465,987.75.

SUBMITTING DEPARTMENT: Department of Public Works, Water & Sewer Division

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 465,987.75
AMOUNT BUDGETED	\$ 619,947
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	592-592.00-976.038

BACKGROUND INFORMATION:

This project involves the repair and replacement of sanitary sewer in two locations; the north side of Grand River along the frontage of the Cadillac dealership, and at the east end of Jo Drive (see attached location map). The 10-inch sanitary sewer on Grand River has settled, requiring replacement of a 385-foot long section of pipe to avoid a potential sewer blockage. This work requires bypass pumping around the project limits, and will include some significant dewatering due to existing ground water conditions. The repairs at the end of Jo Drive involve two sections of sanitary sewer pipe where joints have separated and/or the pipe has settled.

Spalding DeDecker assisted the Water and Sewer Division with developing the engineering design plans for this project. The plans were advertised for public bids on August 8, 2018. Three (3) bids were received and opened on September 12, 2018 following the solicitation period. D.V.M.'s bid is recommended in the best interest of the City, as it is responsive and complies with all of the requirements of the bidding instructions. The award recommendation letter including the bid tabulation is attached. A summary of the bid tabulation is as follows:

Contractor	Base Bid (including Crew Days)*
D.V.M. Utilities, Inc.	\$ 493,987.75
V.I.L Construction	\$ 562,982.20
Stante Excavating Co.	\$ 832,773.80

*Crew Days are included to compare bids, but are not included in the award.

The construction engineering services award associated with this project is proposed elsewhere on this agenda. Substantial completion for this project is anticipated by fall 2019.

Grand River and Jo Dr Sanitary Repairs

Location Map



Legend

Sanitary Gravity Main

- 8-Inch Sanitary
- 10-Inch Sanitary



City of Novi
 Engineering Division
 Department of Public Services
 26300 Lee BeGole Drive
 Novi, MI 48375
 cityofnovi.org

Map Author: Croy
 Date: August 2017
 Project: Grand River and Jo Dr San Repair
 Version #: v2.0

MAP INTERPRETATION NOTICE
 Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

November 1, 2018

Mr. Ben Croy
City of Novi
26300 Lee BeGole Drive
Novi, Michigan 48375

Re: **Recommendation for Award**
Grand River and Jo Drive Sanitary Sewer Repair
SDA Project No.: Job No NV17015

Dear Mr. Croy:

On September 12, 2018 at 2:00 p.m., construction bids were opened and publicly read at the City of Novi Civic Center for the Grand River and Jo Drive Sanitary Sewer Repair project. The project includes repairs of the gravity sanitary sewer on the north side of Grand River east of Meadowbrook Road and the sanitary sewer at the end of Joe Drive.

The City Clerk's office received three (3) sealed bids for this project, with each bidder considered to be responsive having submitted a bid compliant with all requirements. The apparent low bidder, DVM Utilities, submitted a total bid of \$493,987.75. Following the bid opening, Spalding DeDecker reviewed all of the bids received, verified the calculations, and prepared the bid tabulation for the project (attached).

Based on a review of experience and references provided, Spalding DeDecker finds that DVM Utilities is qualified to perform the required construction.

It is our recommendation that the project be awarded to the low bidder, DVM Utilities in the amount of \$465,987.75, which is the total bid of \$493,987.75 minus \$28,000.00 for crew days bid.

Upon award by the City Council, our office will coordinate the completion of the Contract Agreement, Bonds, and Insurance information with DVM Utilities.

Very Truly Yours,
SPALDING DEDECKER


Taylor E. Reynolds, PE
Senior Project Engineer

Encl: Bid Tabulation

BID TABULATION - Grand River and Jo Sanitary Sewer Repair

CITY OF NOVI

3 Bids received, opened 9/12/2018

Project No. NV17015

By: STI

Reviewed: TER

BASE BID				D.V.M. Utilities, Inc		V.I.L. Construction, Inc.		Stante Excavating Co., Inc	
No	Item	QTY	UNIT	UNIT PRICE (\$)	AMOUNT (\$)	UNIT PRICE (\$)	AMOUNT (\$)	UNIT PRICE (\$)	AMOUNT (\$)
1	Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 40,000.00	\$ 40,000.00	\$ 80,000.00	\$ 80,000.00
2	Pre-Construction Audio-Visual	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 15,000.00	\$ 15,000.00
3	Soil Erosion Control Measures	1	LS	\$ 7,500.00	\$ 7,500.00	\$ 2,500.00	\$ 2,500.00	\$ 3,500.00	\$ 3,500.00
4	Temporary Traffic Control Devices	1	LS	\$ 8,000.00	\$ 8,000.00	\$ 7,500.00	\$ 7,500.00	\$ 14,000.00	\$ 14,000.00
5	Construction Protection Fencing - Orange	450	LF	\$ 2.00	\$ 900.00	\$ 5.00	\$ 2,250.00	\$ 4.50	\$ 2,025.00
6	Tree Protection Fencing	80	LF	\$ 3.50	\$ 280.00	\$ 5.00	\$ 400.00	\$ 0.01	\$ 0.80
7	Remove Tree, (6 inch-18 inch), Complete	8	EA	\$ 100.00	\$ 800.00	\$ 500.00	\$ 4,000.00	\$ 800.00	\$ 6,400.00
8	Pavement, Remove	431	SY	\$ 1.00	\$ 431.00	\$ 15.00	\$ 6,465.00	\$ 15.00	\$ 6,465.00
9	Dewatering	1	LS	\$ 1.00	\$ 1.00	\$ 95,000.00	\$ 95,000.00	\$ 1,000.00	\$ 1,000.00
10	Bypass Pumping, Jo Drive	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 2,750.00	\$ 2,750.00	\$ 100.00	\$ 100.00
11	Bypass Pumping, Grand River Avenue	1	LS	\$ 1.00	\$ 1.00	\$ 12,500.00	\$ 12,500.00	\$ 24,000.00	\$ 24,000.00
12	Sanitary Sewer, Remove	114	LF	\$ 55.00	\$ 6,270.00	\$ 50.00	\$ 5,700.00	\$ 140.00	\$ 15,960.00
13	Sanitary Sewer, Abandon in Place	257	LF	\$ 20.00	\$ 5,140.00	\$ 10.00	\$ 2,570.00	\$ 35.00	\$ 8,995.00
14	Sanitary Manhole, Remove	1	EA	\$ 1,300.00	\$ 1,300.00	\$ 750.00	\$ 750.00	\$ 1,700.00	\$ 1,700.00
15	Aggregate Trench Support, 1" x 3"	390	CY	\$ 1.00	\$ 390.00	\$ 30.00	\$ 11,700.00	\$ 140.00	\$ 54,600.00
16	Aggregate Trench Support, 6 Inch, 21AA	310	SY	\$ 1.00	\$ 310.00	\$ 12.00	\$ 3,720.00	\$ 36.00	\$ 11,160.00
17	4' DIA Sanitary Sewer Manhole (16'-20' depth)	4	EA	\$ 11,250.00	\$ 45,000.00	\$ 5,600.00	\$ 22,400.00	\$ 14,500.00	\$ 58,000.00
18	4' DIA Sanitary Sewer Manhole (4'-8' depth)	1	EA	\$ 7,850.00	\$ 7,850.00	\$ 4,000.00	\$ 4,000.00	\$ 6,550.00	\$ 6,550.00
19	Sanitary Sewer, 10" PVC Truss	383	LF	\$ 797.25	\$ 305,346.75	\$ 590.00	\$ 225,970.00	\$ 536.00	\$ 205,288.00
20	Tap Existing Manhole	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$212,025.00	\$ 212,025.00
21	Sanitary Lead, Reconnect	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 7,500.00	\$ 7,500.00	\$ 5,000.00	\$ 5,000.00
22	Aggregate Base, 6 Inch, 21AA	415	SY	\$ 1.00	\$ 415.00	\$ 10.00	\$ 4,150.00	\$ 24.00	\$ 9,960.00
23	Aggregate Base, 8 inch, 21AA	61	SY	\$ 18.00	\$ 1,098.00	\$ 12.00	\$ 732.00	\$ 35.00	\$ 2,135.00
24	Sidewalk, Conc, 4 Inch	2,430	SF	\$ 2.50	\$ 6,075.00	\$ 5.00	\$ 12,150.00	\$ 7.00	\$ 17,010.00
25	Conc Pavt, Nonreinf, 6 Inch	850	SF	\$ 6.40	\$ 5,440.00	\$ 7.50	\$ 6,375.00	\$ 8.00	\$ 6,800.00
26	Tree Replacement	8	EA	\$ 255.00	\$ 2,040.00	\$ 1,250.00	\$ 10,000.00	\$ 900.00	\$ 7,200.00
27	Restoration	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 43,500.00	\$ 43,500.00	\$ 32,500.00	\$ 32,500.00
28	Permit Allowance	900	DLR	\$ 1.00	\$ 900.00	\$ 1.00	\$ 900.00	\$ 1.00	\$ 900.00
29	Inspection Crew Days	\$ 700.00	DAY	40	\$ 28,000.00	30	\$ 21,000.00	35	\$ 24,500.00
TOTAL				\$ 493,987.75		\$ 562,982.00		\$ 832,773.80	

ADDENDUM NO. 2
08/28/2018

BID
for
GRAND RIVER AVENUE AND JO DRIVE SANITARY SEWER REPAIR

Bid of D.V.M. UTILITIES, INC. hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as " A CORPORATION " *

Insert as applicable: "a corporation", "a partnership" or "an individual".

TO THE CITY OF NOVI, MICHIGAN, hereinafter called OWNER:

The undersigned as Bidder hereby declares: that this Bid is made in good faith without fraud or collusion with any person or persons bidding on the same Contract; that the Bidder has read and examined the Advertisement for Bids, Instructions to Bidders, Bid, General Conditions, Supplementary Conditions, Agreement, Forms of Bond, Specifications and Drawings, as prepared by the ENGINEER, and understands all of the same; that the Bidder or its representative has made personal investigation at the site and has become fully familiar with regard to the conditions to be met in the execution of this Contract, and the undersigned proposes to furnish all labor, materials, tools, power, transportation, and construction equipment necessary for the construction of the Project and performing related work in full accordance with the aforesaid Contract Documents, including any and all Addenda officially issued, their receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
<u>1</u>	<u>08/24/2018</u>
<u>2</u>	<u>08/28/2018</u>
<u>3</u>	<u>09/10/2018</u>

The Contract will be awarded to the lowest responsive, responsible Bidder based on the unit prices for all Work specified.

The Bidder agrees to complete the Project for the following unit prices:

Item No.	Ref Spec	Item Description	Qty	Unit	Unit Price	Total Price
1	02.02	Bonds, Insurance and Mobilization (10% Max)	1	LS	\$30,000.00	\$30,000.00
2	02.02	Pre-Construction Audio-Visual	1	LS	\$2,500.00	\$2,500.00
3	30.12	Soil Erosion Control Measures	1	LS	\$7,500.00	\$7,500.00
4	30.13	Temporary Traffic Control Devices	1	LS	\$8,000.00	\$8,000.00
5	30.14	Construction Protection Fencing - Orange	450	LF	\$2.00	\$900.00
6	30.15	Tree Protection Fencing	80	LF	\$3.50	\$280.00
7	30.16	Remove Tree, (6 inch-18 inch), Complete	8	EA	\$100.00	\$800.00



8	30.17	Pavement, Remove	431	SY	\$1.00	\$431.00
9	30.18	Dewatering	1	LS	\$1.00	\$1.00
10	30.19	Bypass Pumping, Jo Drive	1	LS	\$2,500.00	\$2,500.00
11	30.19	Bypass Pumping, Grand River Avenue	1	LS	\$1.00	\$1.00
12	30.20	Sanitary Sewer, Remove	114	LF	\$55.00	\$6,270.00
13	30.21	Sanitary Sewer, Abandon in Place	257	LF	\$20.00	\$5,140.00
14	30.22	Sanitary Manhole, Remove	1	EA	\$1,300.00	\$1,300.00
15	30.23	Aggregate Trench Support, 1" x 3"	390	CY	\$1.00	\$390.00
16	30.24	Aggregate Trench Support, 6 Inch, 21AA	310	SY	\$1.00	\$310.00
17	21.07	4' DIA Sanitary Sewer Manhole (16'-20' depth)	4	EA	\$11,250.00	\$45,000.00
18	21.07	4' DIA Sanitary Sewer Manhole (4'-8' depth)	1	EA	\$7,850.00	\$7,850.00
19	21.07	Sanitary Sewer, 10" PVC Truss	383	LF	\$797.25	\$305,346.75
20	30.25	Tap Existing Manhole	1	EA	\$3,000.00	\$3,000.00
21	30.26	Sanitary Lead, Reconnect	1	EA	\$2,500.00	\$2,500.00
22	M302	Aggregate Base, 6 Inch, 21AA	415	SY	\$1.00	\$415.00
23	M302	Aggregate Base, 8 inch, 21AA	61	SY	\$18.00	\$1,098.00
24	M803	Sidewalk, Conc, 4 Inch	2430	SF	\$2.50	\$6,075.00
25	M602	Conc Pavt, Nonreinf, 6 Inch	850	SF	\$6.40	\$5,440.00
26	30.27	Tree Replacement	8	EA	\$255.00	\$2,040.00
27	30.28	Restoration	1	LS	\$20,000.00	\$20,000.00
28	30.11	Permit Allowance	900	DLR	\$1.00	\$900.00
29	01.04	Inspection Crew Days	40	DAY	\$700.00	\$28,000.00
TOTAL:					\$ 493,987.75	

D.D.

If the foregoing Bid shall be accepted by the OWNER, the undersigned agrees to enter into the attached form of Agreement within ten (10) days after receiving notice of such acceptance, will furnish the OWNER satisfactory bonds and certificates of insurance coverage, and will complete the Project, at the price and within the time stated in this Bid.

The undersigned further agrees that if the foregoing Bid shall be accepted, work will commence immediately after the Contract has been awarded, the Agreement executed, and a Notice to Proceed



received. **The undersigned shall complete the Work to Substantial Completion within 30 calendar days, and to Final Completion, including restoration and all punch list items, within 45 calendar days.**

The undersigned attaches hereto its Bid security, as required by the Advertisement for Bids and Instructions to Bidders. The undersigned agrees that in case it shall fail to fulfill its obligations under the foregoing Bid, and/or shall fail to furnish bonds, as specified, the OWNER may, at its option determine that the undersigned has abandoned its rights and interests in such Contract and that its Bid security accompanying its Bid; has been forfeited to the said OWNER, but otherwise the Bid security shall be returned to the undersigned upon the execution of the Contract and the acceptance of the bonds.

The undersigned also agrees that for each and every calendar day that he may be in default of Substantial Completion of the Work, within the time specified in this Bid, the OWNER will suffer a damage of Six Hundred (\$600.00) per day, and said OWNER shall be compensated therefore at the rate as liquidated damages in accordance with the Agreement.

In submitting this Bid, it is understood that the right is reserved by the OWNER to accept any bid, to reject any or all Bids, and to waive irregularities in bidding in the interest of the OWNER.

SUBMITTED on 9-12-18
Date*

BY: 
Name of Bidder*
DVM Utilities, Inc.

6045 Sims
Street*
Suite # 2
Sterling Heights, MI 48313
City, State, ZIP*

Signature
Daniel Dikegge, President
Name and Title of Signatory*

586-979-0402
Telephone Number*

586-979-8295
Facsimile Number*

*Typed or printed in ink.

* THIS BID IS SUBMITTED FOR AN ALTERNATE OPTION TO INSTALL THE 10" SANITARY SEWER. WE PROPOSE TRENCHLESS TECHNOLOGY METHOD OF INSTALLATION WITH SOIL STABILIZATION.

