



**CITY OF NOVI CITY COUNCIL  
FEBRUARY 28, 2022**

**SUBJECT:** Consideration of approval to award the construction contract to L. D'Agostini & Sons, Inc., the low bidder, for the I-96 Sanitary Sewer Crossing and West Oaks Pump Station Abandonment project, in the amount of \$791,735, and amend the budget.

**SUBMITTING DEPARTMENT:** Department of Public Works, Engineering Division

<b>EXPENDITURE REQUIRED</b>	<b>\$ 791,735.00</b>
<b>AMOUNT BUDGETED</b>	<b>\$ 639,306.00</b>
<b>APPROPRIATION REQUIRED</b>	<b>\$ 364,812.00</b>
<b>LINE ITEM NUMBER</b>	<b>592-592.00-976.071</b>

**BACKGROUND INFORMATION:**

This project involves the construction of a 15-inch diameter gravity sanitary sewer under I-96, which will allow the abandonment of the existing West Oaks sanitary sewer pump station and force main. The pump station was constructed in the 1990s following the collapse of the gravity sewer serving this area. Since pump stations require a significant amount of maintenance, replacement of the force main with a gravity sewer will reduce time and money spent on preservation. The new sewer will be bored under I-96, with minimum disruption to existing infrastructure.

OHM Advisors assisted the Engineering Division with developing the engineering design plans for this project. The plans were advertised for public bids on January 14, 2022. Two (2) bids were received and opened on February 10, 2022, following the solicitation period. L. D'Agostini & Sons, Inc. bid is recommended in the best interest of the City, as it is responsive and complies with all requirements of the bidding instructions. The award recommendation letter including the bid tabulation is attached. A summary of the bids is as follows:

<b>Contractor</b>	<b>Total Program Bid (includes Crew Days) *</b>
L. D'Agostini & Sons, Inc.	\$ 826,735.00
Superior Excavating, Inc.	\$1,130,207.50

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

The contract administration and geotechnical engineering services related to this project will be awarded to the following pre-qualified firms using the fee percentages in the Agreements for Professional Engineering Services and Geotechnical Engineering Services for Public Projects.

<b>OHM Advisors</b>		
Contract Administration	5.5% of the construction award (\$791,735 X 0.055)	\$ 43,545.43
Crew Days	\$700 daily inspection fee x 50 days	\$ 35,000.00

<b>Testing Engineers &amp; Consultants, Inc. (TEC)</b>		
Material testing services	2% of the construction award (\$791,735 X 0.02)	\$ 15,834.70

**RECOMMENDED ACTION:** Approval to award the construction contract to L. D'Agostini & Sons, Inc., the low bidder, for the I-96 Sanitary Sewer Crossing and West Oaks Pump Station Abandonment project, in the amount of \$791,735, and amend the budget.

**RESOLUTION**

NOW, THEREFORE BE IT RESOLVED that the following Budget Amendment for the construction contract to L. D'Agostini & Sons, Inc. for the I-96 Sanitary Sewer Crossing and West Oaks Pump Station Abandonment project is authorized:

**INCREASE  
(DECREASE)**

<b>WATER &amp; SEWER FUND</b>
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**APPROPRIATIONS**

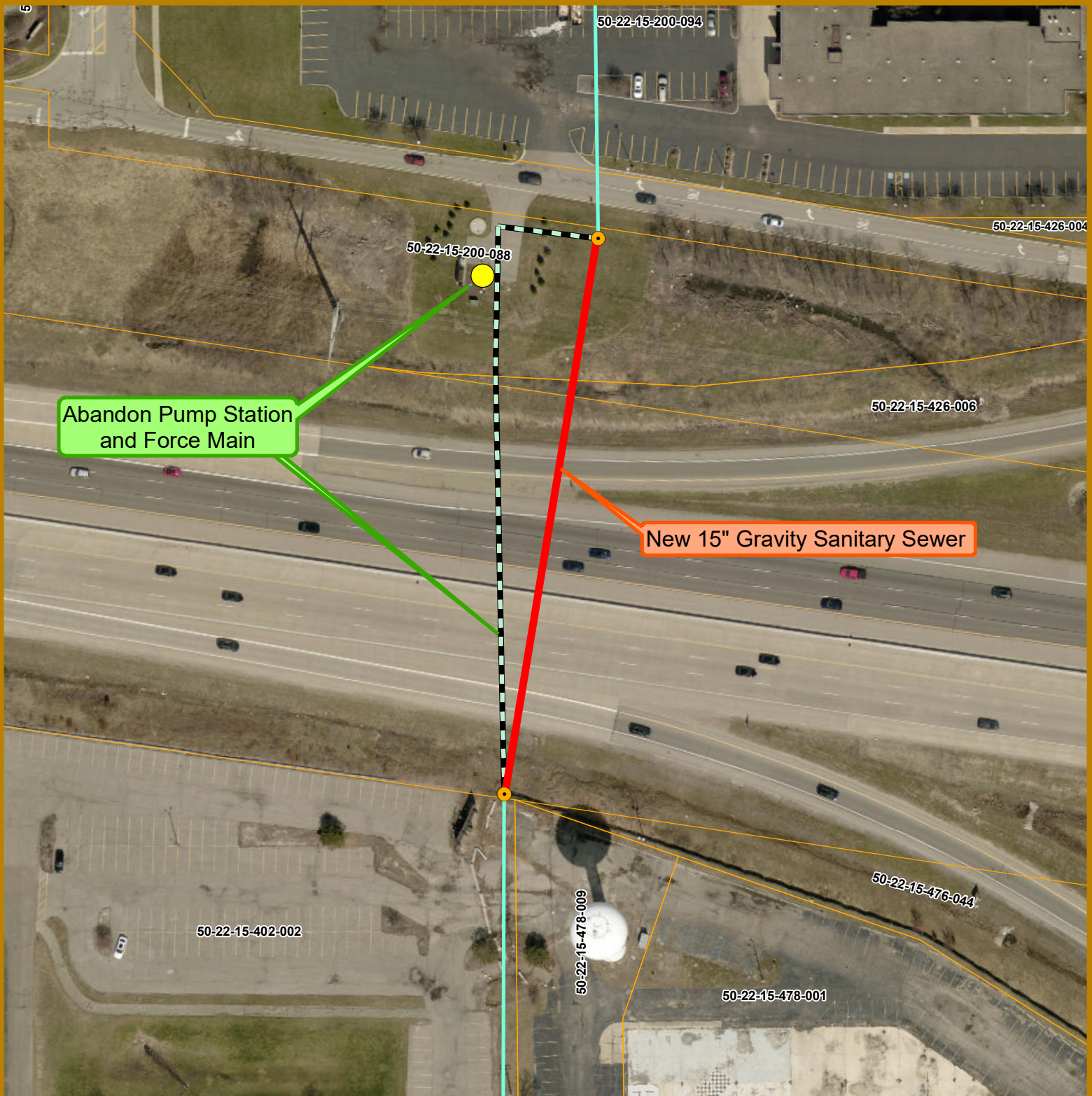
Capital Outlay	364,812
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 364,812</b>
<b>Net Increase (Decrease) to Fund Balance</b>	<b>\$ (364,812)</b>

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Novi at a regular meeting held on February 28, 2022.

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Cortney Hanson  
City Clerk

# I-96 Sanitary Sewer Crossing and West Oaks Pump Station Abandonment

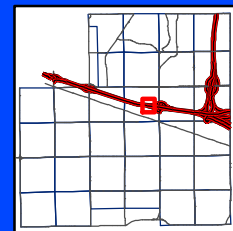


Map Author: Humna Anjum  
 Date: 1/12/2021  
 Project: I96 SS/West Oaks PS  
 Version #: 1.1

**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.

## Map Legend

- Sanitary Lift Station
- Force Main 8"
- Gravity Main 15"
- Sanitary Manhole



## City of Novi

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



0 20 40 80 120  
 Feet  
 1 inch = 98 feet

February 17, 2021

Ben Croy, P.E.  
City Engineer  
City of Novi, Department of Public Works  
26300 Lee Begole Drive  
Novi, MI 48375

RE: I-96 West Oaks Sewer Replacement and Pump Station Abandonment  
Recommendation of Award

Dear Mr. Ben Croy:

Sealed bids for the I-96 West Oaks Sewer Replacement and Pump Station Abandonment project were received and publicly read aloud on Thursday, February 10, 2022, at Council Chambers, at 10:00 am. Proposals were received by the City from two (2) bidders. We have reviewed and checked the bids, and attached the Bid Tabulation for your information. The lowest two bidders are as follows:

<b>Contractor</b>	<b>TOTAL BID</b>
L. D'Agostini & Sons, Inc.	<b>\$826,735.00</b>
Superior Excavating, Inc.	<b>\$1,130,207.50</b>

The project scope consists of installing approximately 430 feet of 15-inch gravity sanitary sewer under I-96 and abandonment of the existing West Oaks Pump Station with associated restoration work. The final engineer's estimate of probable construction costs was approximately \$530,000.

Based on the bids received and conversation with prospective bidders, we suspect the bid results are in part due to limited availability of materials and resources as well as complexities of the project. Additionally, after review of the bid packages, it was identified that the 36-inch casing pipe for the jack and bore significantly impacts the bid amount, making up 37% of the low bidder's total bid. It should be noted that there are a limited number of contractors who install jack and bore pipe at this size and length, which further impacts bid pricing.

L. D'Agostini & Sons is the apparent lowest responsible bidder for this project. L. D'Agostini & Sons has satisfactorily completed similar projects for southeast Michigan communities. We do not foresee construction prices decreasing in the short term. Therefore, we recommend award of this contract to L. D'Agostini & Sons in the amount of **\$791,735.00** per the unit prices bid for the project. Please note that this contract award amount is derived from the total bid amount of \$826,735.00, less the crew day cost of \$35,000.

If you have any questions, please do not hesitate to call me at (248) 751-3111.

Sincerely,  
OHM Advisors



Steven Siklich, P.E.  
Project Manager

Encl: Bid Tabulation



cc: Jeff Herczeg, Director of Public Works  
Aaron Staup, Construction Engineer  
Rebecca Runkel, Project Engineer  
Tim Juidici, P.E., OHM

Tabulation for Bids Received on 2/10/2021  
 I-96 West Oaks Sewer  
 City of Novi, Oakland County, State of Michigan  
 OHM Job No.: 0163-20-0090

L. D' Agostini & Sons, Inc.  
 15801 23 Mile Rd  
 Macomb, MI 48042  
 Phone: (586) 781-5800

Superior Excavating, Inc.  
 2420 Auburn Rd  
 Auburn Hills, MI 48326  
 Phone: (248) 853-7075

Item No.	Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount
1)	Mobilization, Max 5%	1 LSUM	\$40,000.00	\$40,000.00	\$50,000.00	\$50,000.00
2)	Traffic Maintenance and Control	1 LSUM	\$3,750.00	\$3,750.00	\$10,200.00	\$10,200.00
3)	Audio Video Route Survey	1 LSUM	\$1,350.00	\$1,350.00	\$6,000.00	\$6,000.00
4)	Dr Structure, Rem	1 Ea	\$900.00	\$900.00	\$1,980.00	\$1,980.00
5)	Sewer, Rem, Less than 24 inch	14 Ft	\$60.00	\$840.00	\$78.00	\$1,092.00
6)	Fence, Rem	60 Ft	\$20.00	\$1,200.00	\$17.50	\$1,050.00
7)	Pavt, Rem	179 Syd	\$30.00	\$5,370.00	\$33.50	\$5,996.50
8)	Concrete Barrier, Remove, Salvage and Replace	144 Ft	\$33.00	\$4,752.00	\$60.00	\$8,640.00
9)	Light Pole, Remove, Salvage and Replace	1 Ea	\$3,200.00	\$3,200.00	\$5,820.00	\$5,820.00
10)	Erosion Control, Inlet Protection, Fabric Drop	5 Ea	\$350.00	\$1,750.00	\$140.00	\$700.00
11)	Erosion Control, Silt Fence	194 Ft	\$10.00	\$1,940.00	\$8.00	\$1,552.00
12)	Bypass Pumping, Furnish, Operate and Remove	1 LSUM	\$60,000.00	\$60,000.00	\$64,800.00	\$64,800.00
13)	Dewatering System	1 LSUM	\$30,000.00	\$30,000.00	\$99,600.00	\$99,600.00
14)	Aggregate Base, 21AA, 8 inch	179 Syd	\$19.00	\$3,401.00	\$26.00	\$4,654.00
15)	Casing Pipe, Steel, 36 inch, Bore and Jack	288 Ft	\$1,050.00	\$302,400.00	\$1,278.00	\$368,064.00
16)	Trench Undercut and Backfill	25 Cyd	\$100.00	\$2,500.00	\$65.00	\$1,625.00
17)	Storm Sewer Reconnection, Less than 15 inch	1 Ea	\$1,800.00	\$1,800.00	\$2,500.00	\$2,500.00
18)	Dr Structure, 48 inch dia	1 Ea	\$5,250.00	\$5,250.00	\$4,500.00	\$4,500.00
19)	HMA, 3C, 2.5 inch, Parking Lot	179 Syd	\$63.00	\$11,277.00	\$51.00	\$9,129.00
20)	HMA, 5EML, 1.5 inch, Parking Lot	179 Syd	\$70.00	\$12,530.00	\$39.00	\$6,981.00
21)	Fence, Woven Wire with Steel Post	60 Ft	\$75.00	\$4,500.00	\$50.00	\$3,000.00
22)	3" Topsoil, Seed and Mulch Blanket	1078 Syd	\$30.00	\$32,340.00	\$16.50	\$17,787.00
23)	West Oaks Pump Station, Abandon	1 LSUM	\$75,000.00	\$75,000.00	\$40,000.00	\$40,000.00
24)	Sanitary Structure, 48 inch dia	5 Ea	\$8,000.00	\$40,000.00	\$17,850.00	\$89,250.00
25)	Sanitary Sewer, PVC Truss, 15 inch, Bore and Jack	288 Ft	\$45.00	\$12,960.00	\$342.00	\$98,496.00
26)	Sanitary Sewer, PVC Truss, 15 inch, Tr Det A2	115 Ft	\$375.00	\$43,125.00	\$400.00	\$46,000.00
27)	Sanitary Sewer, PVC Truss, 15 inch, Tr Det B2	29 Ft	\$1,350.00	\$39,150.00	\$485.00	\$14,065.00
28)	Sanitary Sewer, 8 inch, CIPP, Full Length	315 Ft	\$100.00	\$31,500.00	\$336.00	\$105,840.00
29)	Connection to Existing Sanitary Manhole	1 Ea	\$4,000.00	\$4,000.00	\$5,500.00	\$5,500.00
30)	Connection to Existing Sanitary Sewer	1 Ea	\$7,000.00	\$7,000.00	\$6,000.00	\$6,000.00
31)	Sanitary Structure, 48 inch dia, Temporary	1 Ea	\$6,700.00	\$6,700.00	\$10,866.00	\$10,866.00
32)	Internal Drop Connection, Abandon, Cap Drop Pipe	1 LSUM	\$1,250.00	\$1,250.00	\$3,520.00	\$3,520.00
33)	Crew Days	\$700 Cday	50	\$35,000.00	50	\$35,000.00
<b>TOTAL BID AMOUNT</b>				<b>\$826,735.00</b>	<b>\$1,130,207.50</b>	

**BID**  
for  
**West Oaks Sewer Replacement and Pump Station Abandonment**

Bid of L. D'Agostini & Sons, Inc. hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as L. D'Agostini & Sons, Inc. \*.

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 of 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
1	02/03/2022
_____	_____
_____	_____
_____	_____

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.	Item Description	Qty	Unit	Unit Price	Total Price
<b>Category 1 - All</b>					
1	Mobilization, Max 5%	1.00	LSUM	\$ 40,000.00	\$ 40,000.00
2	Traffic Maintenance and Control	1.00	LSUM	\$ 3,750.00	\$ 3,750.00
3	Audio Video Route Survey	1.00	LSUM	\$ 1,350.00	\$ 1,350.00
4	Dr Structure, Rem	1.00	Ea	\$ 900.00	\$ 900.00
5	Sewer, Rem, Less than 24 inch	14.00	Ft	\$ 60.00	\$ 840.00
6	Fence, Rem	60.00	Ft	\$ 20.00	\$ 1,200.00





Item No.	Item Description	Qty	Unit	Unit Price	Total Price
7	Pavt, Rem	179.00	Syd	\$ 30.00	\$ 5,370.00
8	Concrete Barrier, Remove, Salvage and Replace	144.00	Ft	\$ 33.00	\$ 4,752.00
9	Light Pole, Remove, Salvage and Replace	1.00	Ea	\$ 3,200.00	\$ 3,200.00
10	Erosion Control, Inlet Protection, Fabric Drop	5.00	Ea	350.00	1,750.00
11	Erosion Control, Silt Fence	194.00	Ft	\$ 10.00	\$ 1,940.00
12	Bypass Pumping, Furnish, Operate and Remove	1.00	LSUM	\$ 60,000.00	\$ 60,000.00
13	Dewatering System	1.00	LSUM	\$ 30,000.00	\$ 30,000.00
14	Aggregate Base, 21AA, 8 inch	179.00	Syd	\$ 19.00	\$ 3,401.00
15	Casing Pipe, Steel, 36 inch, Bore and Jack	288.00	Ft	\$ 1,050.00	\$ 302,400.00
16	Trench Undercut and Backfill	25.00	Cyd	\$ 100.00	\$ 2,500.00
17	Storm Sewer Reconnection, Less than 15 inch	1.00	Ea	\$ 1,800.00	\$ 1,800.00
18	Dr Structure, 48 inch dia	1.00	Ea	\$ 5,250.00	\$ 5,250.00
19	HMA, 3C, 2.5 inch, Parking Lot	179.00	Syd	\$ 63.00	\$ 11,277.00
20	HMA, 5EML, 1.5 inch, Parking Lot	179.00	Syd	\$ 70.00	\$ 12,530.00
21	Fence, Woven Wire with Steel Post	60.00	Ft	\$ 75.00	\$ 4,500.00
22	3" Topsoil, Seed and Mulch Blanket	1078.00	Syd	\$ 30.00	\$ 32,340.00
23	West Oaks Pump Station, Abandon	1.00	LSUM	\$ 75,000.00	\$ 75,000.00
24	Sanitary Structure, 48 inch dia	5.00	Ea	\$ 8,000.00	\$ 40,000.00
25	Sanitary Sewer, PVC Truss, 15 inch, Bore and Jack	288.00	Ft	\$ 45.00	\$ 12,960.00
26	Sanitary Sewer, PVC Truss, 15 inch, Tr Det A2	115.00	Ft	\$ 375.00	\$ 43,125.00
27	Sanitary Sewer, PVC Truss, 15 inch, Tr Det B2	29.00	Ft	\$ 1,350.00	\$ 39,150.00
28	Sanitary Sewer, 8 inch, CIPP, Full Length	315.00	Ft	\$ 100.00	\$ 31,500.00
29	Connection to Existing Sanitary Manhole	1.00	Ea	\$ 4,000.00	\$ 4,000.00



Item No.	Item Description	Qty	Unit	Unit Price	Total Price
30	Connection to Existing Sanitary Sewer	1.00	Ea	\$ 7,000.00	\$ 7,000.00
31	Sanitary Structure, 48 inch dia, Temporary	1.00	Ea	\$ 6,700.00	\$ 6,700.00
32	Internal Drop Connection, Abandon, Cap Drop Pipe	1.00	LSUM	\$ 1,250.00	\$ 1,250.00
33	Crew Days	50.000	Cday	\$ 700.00	\$ 35,000.00

**Total Bid Amount (ITEM 1-33 incl.):** \$ 826,735.00

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 by August 5, 2022, and to Final Completion, including restoration and all punch list items, by August 26, 2022.**

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 EIGHT hundred dollars (\$800.00) 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 February 10, 2022  
Date\*

586-781-5829  
Facsimile Number\*

15801 23 Mile Rd.  
Street\*

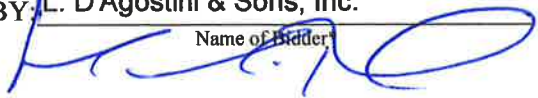
\*Typed or printed in ink.

Macomb, MI 48042  
City, State, ZIP\*

586-781-5800  
Telephone Number\*



BY: L. D'Agostini & Sons, Inc.



Name of Bidder

Signature

Michael D'Agositni, Secretary/Treasurer

Name and Title of Signatory\*

