



**CITY OF NOVI CITY COUNCIL  
AUGUST 22, 2022**

**SUBJECT:** Consideration of approval to award the construction contract to CSM Mechanical, the low bidder, for the Garfield Sanitary Sewer Pump Station project, in the amount of \$341,600, and amend the budget.

**SUBMITTING DEPARTMENT:** Department of Public Works, Water and Sewer Division

<b>EXPENDITURE REQUIRED</b>	<b>\$ 341,600.00</b>
<b>AMOUNT BUDGETED</b>	<b>\$ 201,349.00 FY 2021-22 BA Rollover</b>
<b>APPROPRIATION REQUIRED</b>	<b>\$ 325,000.00</b>
<b>LINE ITEM NUMBER</b>	<b>592-592.00-976.009</b>

**BACKGROUND INFORMATION:**

The Garfield Sanitary Pump Station will serve the properties west of Garfield Road along the north side of Eight Mile. A portion of this pump station was constructed in 2008 as part of Phase 3A of S.A.D 170, which was a multi-phase sewer project constructed to serve a large portion of the southern half of Section 31. Since the timeline for development west of Garfield Road was unknown, only a portion of the pump station was constructed, leaving the mechanical components to be installed once development occurs. With the approval of the Ballantyne subdivision, the remainder of the pump station now needs to be completed. Therefore, this project involves the installation of the pumps, control panel, valves, electrical equipment, generator, paving and miscellaneous improvements to complete the construction of the pump station.

OHM assisted the Engineering Division with developing the engineering design plans for this project. The plans were advertised for public bids on July 13, 2022. Four (4) bids were received and opened on August 12, 2022, following the solicitation period. CSM Mechanical's 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>
CSM Mechanical	\$ 351,400.00
Midwest Power Systems, Inc.	\$ 365,078.20
J. Ranck Electric, Inc.	\$ 443,109.12
Z Contractors	\$ 922,697.00

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

The contract administration related to this project will be awarded using the fee percentages in the Agreements for Professional Engineering Services for Public Projects.

<b>OHM Advisors</b>		
Contract Administration	6.75% of the construction award (\$341,600 x 0.0675)	\$ 23,058.00
Crew Days	\$700 daily inspection fee x 14 days	\$ 9,800.00

**RECOMMENDED ACTION:** Approval to award the construction contract to CSM Mechanical, the low bidder, for the Garfield Sanitary Sewer Pump Station project, in the amount of \$341,600, and amend the budget.

**RESOLUTION**

NOW, THEREFORE BE IT RESOLVED  
that the following Budget Amendment  
for the construction contract to to CSM Mechanical for the Garfield  
Sanitary Sewer Pump Station project  
is authorized:

**INCREASE  
(DECREASE)**

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

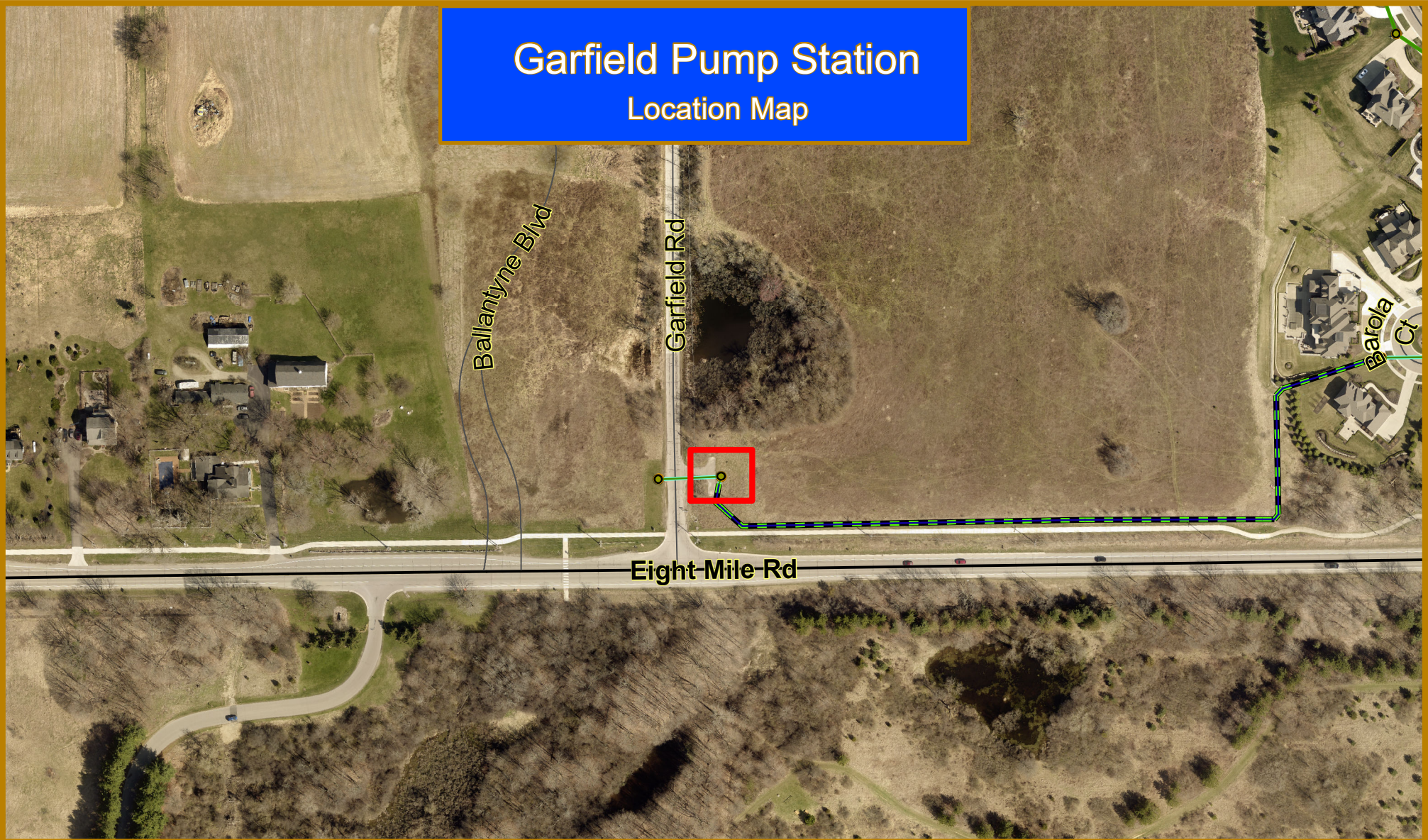
Capital Outlay	\$ 325,000
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 325,000</b>
<b>Net Increase (Decrease) to Fund Balance</b>	<b>\$ (325,000)</b>

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 August 22, 2022.

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Cortney Hanson  
City Clerk

# Garfield Pump Station Location Map



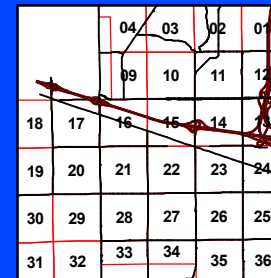
Map Author: Runkel  
Date: 8/11/22  
Project: Garfield Pump Station  
Version #: 1.0

### 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.

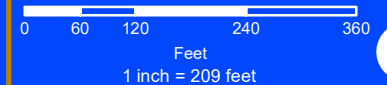
### Legend

- Sanitary Manhole
- Sanitary GravityMain**
- SUBTYPE**
- Collector
- Sanitary ForceMain
- Project Area



## City of Novi

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



August 15, 2022

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

RE: Garfield Sanitary Lift Station Improvements  
Recommendation of Award

Dear Mr. Croy:

Sealed bids for the Garfield Sanitary Lift Station Improvements were received and publicly read aloud on Friday, August 12, 2022, at Council Chambers, at 11:00 am. Proposals were received by the City from four (4) bidders. We have reviewed and checked the bids and attached the Bid Tabulation for your information. The summary of the bids received are as follows:

<b>Contractor</b>	<b>BID (As Read Amount)</b>	<b>BID TABULATION (Unit Price Summation)</b>
CSM Mechanical.	<b>\$353,400.00</b>	<b>\$351,400.00</b>
Midwest Power Systems, Inc.	<b>\$365,078.20</b>	<b>\$365,078.20</b>
J. Ranck Electric, Inc.	<b>\$443,111.00</b>	<b>\$443,109.12</b>
Z Contractors	<b>\$922,677.00</b>	<b>\$922,677.00</b>

The project scope consists of installing owner procured sanitary sewage pumps, control panel and level sensing control devices. Additional works includes all electrical power, emergency generation equipment, site improvements and restoration. The final engineer’s estimate of probable construction costs was approximately \$369,000.

CSM Mechanical is the apparent lowest responsible bidder for this project. We note that there is a discrepancy in the CSM bid for unit price 14. As noted in the bidding documents, page 8, “In case of discrepancy between the Total Amount Bid and the summation of the products of item quantity and unit price, unit prices shall govern.” We have also spoken with CSM Mechanical, and they are aware of the discrepancy and will hold their bid at \$351,400.00 per the bidding requirements.

A copy of the bid tabulation is attached for reference and yellow highlighted cells are differences between the Bid Form provided by the Contractor and the unit price totals. Two contractors had discrepancies, the first was CSM Mechanical as discussed above and J. Ranck Electric. The J. Ranck Electric bid tabulation appear to be rounding errors. No other discrepancies in the bid tabulations were noted.

CSM has satisfactorily completed similar projects for southeast Michigan communities and the City of Novi specifically. Therefore, we recommend award of this contract to CSM Mechanical in the amount of **\$341,600.00** per



the unit prices bid for the project. Please note that this contract award amount is derived from the total bid amount of \$351,400.00, less the crew day cost of \$9,800.00.

If you have any questions, please do not hesitate to call me at (734) 466-4535.

Sincerely,  
OHM Advisors

A handwritten signature in black ink that reads "Sherri A. Wright". The signature is written in a cursive, flowing style.

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Sherri Wright, P.E.  
Project Manager

Encl: Bid Tabulation

cc: Aaron Staup, Construction Engineer  
Tim Juidici, P.E., OHM

Tabulation for Bids Received on 8/12/2022  
 Garfield Sanitary Lift Station  
 City of Novi, Oakland County, State of Michigan  
 OHM Job No.: 0163-21-0070

CSM Mechanical  
 1235 Holden Avenue  
 Milford, MI 48381

Phone: (248) 302-2078

Midwest Power Systems, Inc.  
 2401 Hickory Oak Lane  
 Milford, MI 48380

Phone: (248) 676-0565

J. Ranck Electric, Inc.  
 1993 Gover Parkway  
 Mt. Pleasant, MI 48858

Phone: (989) 775-7393

Z Contractors  
 50500 Design Lane  
 Shelby Twp, MI 48315

Phone: (586) 625-8899

Item No.	Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
1)	Mobilization, Max 5%	1	LSUM	\$1,900.00	\$1,900.00	\$17,384.68	\$17,384.68	\$17,604.00	\$17,604.00	\$47,000.00	\$47,000.00
2)	Audio Video Recording	1	LSUM	\$3,775.00	\$3,775.00	\$1,000.00	\$1,000.00	\$1,173.00	\$1,173.00	\$1,500.00	\$1,500.00
3)	Soil Erosion and Sedimentation Control	1	LSUM	\$600.00	\$600.00	\$1,200.00	\$1,200.00	\$1,410.00	\$1,410.00	\$4,000.00	\$4,000.00
4)	Traffic Maintenance and Control	1	LSUM	\$4,700.00	\$4,700.00	\$2,500.00	\$2,500.00	\$4,233.00	\$4,233.00	\$15,000.00	\$15,000.00
5)	Clearing	1	LSUM	\$2,400.00	\$2,400.00	\$2,000.00	\$2,000.00	\$30,093.00	\$30,093.00	\$40,000.00	\$40,000.00
6)	Remove Pavement	925	Syd	\$10.80	\$9,990.00	\$5.40	\$4,995.00	\$9.13	\$8,445.25	\$8.00	\$7,400.00
7)	Aggregate Base	300	Syd	\$37.50	\$11,250.00	\$10.00	\$3,000.00	\$24.28	\$7,284.00	\$30.00	\$9,000.00
8)	HMA, 4-inch 2C	70	Ton	\$225.00	\$15,750.00	\$71.42	\$4,999.40	\$235.77	\$16,503.90	\$200.00	\$14,000.00
9)	HMA, 2-inch 5E1	35	Ton	\$225.00	\$7,875.00	\$71.42	\$2,499.70	\$235.77	\$8,251.95	\$200.00	\$7,000.00
10)	Culvert, CMP 12 inch	7	FLF	\$300.00	\$2,100.00	\$142.86	\$1,000.02	\$344.14	\$2,408.98	\$275.00	\$1,925.00
11)	Culvert End Section, CMP, 12-inch	1	EA	\$800.00	\$800.00	\$1,000.00	\$1,000.00	\$1,294.00	\$1,294.00	\$600.00	\$600.00
12)	Ditch, Regrade	130	LF	\$29.00	\$3,770.00	\$15.38	\$1,999.40	\$26.21	\$3,407.30	\$20.00	\$2,600.00
13)	Concrete Sidewalk	58	STD	\$144.00	\$8,352.00	\$200.00	\$11,600.00	\$333.53	\$19,344.74	\$125.00	\$7,250.00
14)	Sanitary Pump Station	1	Syd	\$213,338.00	\$213,338.00	\$250,000.00	\$250,000.00	\$235,156.00	\$235,156.00	\$696,422.00	\$696,422.00
15)	Crew Days		Cday	\$700.00	\$9,800.00	\$700.00	\$4,900.00	\$700.00	\$31,500.00	\$700.00	\$14,000.00
16)	DTE Electrical Allowance	1	LSUM	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00
17)	DTE Natural Gas Allowance	1	LSUM	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
<b>TOTAL BID AMOUNT (Per Bid Tabulation)</b>				<b>\$351,400.00</b>	<b>\$351,400.00</b>	<b>\$365,078.20</b>	<b>\$365,078.20</b>	<b>\$443,109.12</b>	<b>\$443,109.12</b>	<b>\$922,697.00</b>	<b>\$922,697.00</b>
<b>BID (As Read Amount)</b>				<b>\$353,400.00</b>	<b>\$353,400.00</b>	<b>\$365,078.20</b>	<b>\$365,078.20</b>	<b>\$443,111.00</b>	<b>\$443,111.00</b>	<b>\$922,697.00</b>	<b>\$922,697.00</b>
<b>Bid Amount Less Crew Days</b>				<b>\$341,600.00</b>	<b>\$341,600.00</b>	<b>\$360,178.20</b>	<b>\$360,178.20</b>	<b>\$411,609.12</b>	<b>\$411,609.12</b>	<b>\$908,697.00</b>	<b>\$908,697.00</b>

Yellow highlighted cells differ from Bid Proposal submitted

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**BID  
for  
Garfield Sanitary Pump Station**

Bid of CSM Mechanical hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as CSM Mechanical \*

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
<u>1</u>	<u>August 8, 2022</u>
<u>2</u>	<u>August 9, 2022</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.	Item Description	Qty	Unit	Unit Price	Total Price
1.	Mobilization, Max. 5%	1	LS	\$ 1900.00	\$ 1900.00
2.	Audio Video Recording	1	LS	\$ 3775.00	\$ 3775.00
3.	Soil Erosion and Sedimentation Control	1	LS	\$ 600.00	\$ 600.00
4.	Traffic Maintenance and Control	1	LS	\$ 4700.00	\$ 4700.00
5.	Clearing	1	LS	\$ 2400.00	\$ 2400.00
6.	Remove Pavement	925	SYD	\$ 10.80	\$ 9990.00





7.	Aggregate Base	300	SYD	\$ 37.50	\$ 11250.00
8.	HMA, 4-inch 2C	70	Ton	\$ 225.00	\$ 15750.00
9	HMA, 2-inch 5E1	35	Ton	\$ 225.00	\$ 7875.00
10.	Culvert, CMP 12 inch	7	LF	\$ 300.00	\$ 2100.00
11.	Culvert End Section, CMP, 12-inch	1	EA	\$ 800.00	\$ 800.00
12.	Ditch, Regrade	130	LF	\$ 29.00	\$ 3770.00
13.	Concrete Sidewalk	58	SYD	\$ 144.00	\$ 8352.00
14.	Sanitary Pump Station Including Electrical, Process Piping/Materials & Equipment Pads <sup>1</sup>		LS	\$ 213338.00	\$ 215338.00
15.	Crew Days	14	CDay	700.00	\$ 9800.00
16.	DTE Electrical Allowance	1	LS	\$35,000	\$35,000
17.	DTE Natural Gas Allowance	1	LS	\$20,000	\$20,000
<b>TOTAL BASE BID PRICE (1-17):</b>				<b>\$</b>	<b>353,400.00</b>

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 45 calendar days of Owner issuing the Notice to Proceed and to Final Completion, including restoration and all punch list items, within 60 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 dollars (\$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 August 12, 2022  
Date\*

1235 Holden Avenue  
Street\*

Milford, Michigan 48381  
City, State, ZIP\*

248-302-2078  
Telephone Number\*

248-856-2370  
Facsimile Number\*

BY: Craig S. Mortz CSM MECHANICAL  
Name of Bidder\*

*Craig S. Mortz*  
Signature

Craig S. Mortz Member  
Name and Title of Signatory\*

\*Typed or printed in ink.

Exclusions:

- All Controls and related level sensors and floats
- Any Bypassing if needed

