

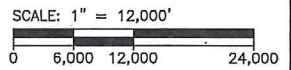
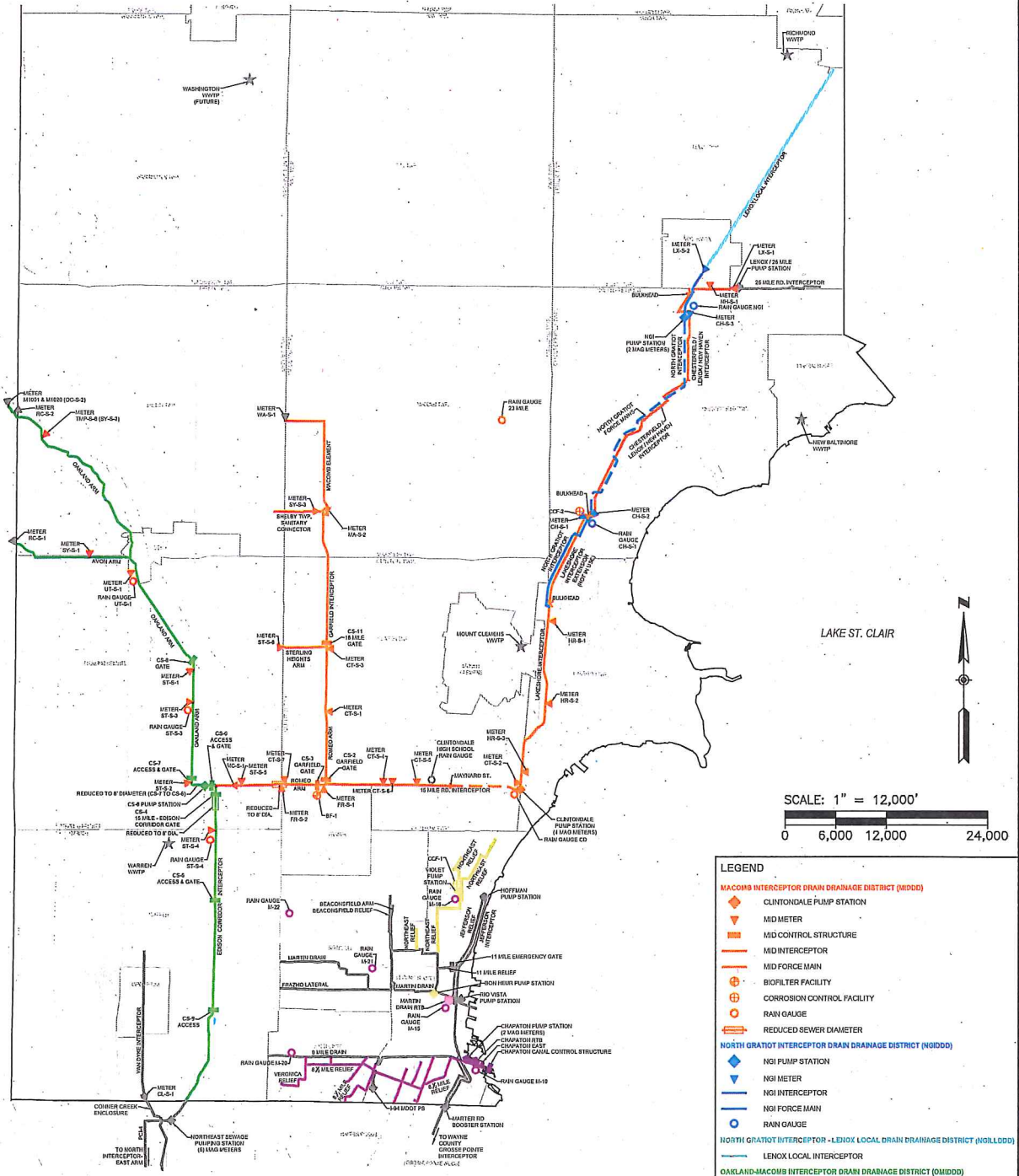
MARTIN SANITARY DIVERSION DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
DECEMBER 14, 2020  
10:15 A.M.  
AGENDA

**NOTE: THIS MEETING WILL BE HELD BY TELECONFERENCE**

**Call in Number: 1-651-571-1250**  
**Access Code: 202 576 906**

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for December 14, 2020	
3. Approval of Minutes for November 9, 2020	3
4. Public Participation	
5. Project Update – Vince Astorino	
6. 2020 Interceptor Inspection Program – Contractor Recommendation – Vince Astorino	5
Motion: To award the bid from Doetsch Environmental Services in the total amount of \$421,254.75 to perform the work associated with the 2020 Interceptor Inspection Program (Martin Drain costs of \$8,703).	
7. Consideration for approval of invoices (see attached)	23
8. Financial Report – Bruce Manning	24
9. Adjourn	

# MACOMB COUNTY WASTEWATER SYSTEMS



- LEGEND**
- MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (MIDD)**
    - ◆ CULPTONDALE PUMP STATION
    - ▽ MID METER
    - MID CONTROL STRUCTURE
    - MID INTERCEPTOR
    - MID FORCE MAIN
    - ⊕ BIOFILTER FACILITY
    - ⊕ CORROSION CONTROL FACILITY
    - RAIN GAUGE
    - REDUCED SEWER DIAMETER
  - NORTH GRATIOT INTERCEPTOR DRAIN DRAINAGE DISTRICT (NGIDD)**
    - ◆ NGI PUMP STATION
    - ▽ NGI METER
    - NGI INTERCEPTOR
    - NGI FORCE MAIN
    - RAIN GAUGE
  - NORTH GRATIOT INTERCEPTOR - LENOX LOCAL DRAIN DRAINAGE DISTRICT (NGILLDD)**
    - LENOX LOCAL INTERCEPTOR
  - OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDD)**
    - ◆ CS-6 PUMP STATION
    - ▽ OMID METER
    - OMID CONTROL STRUCTURE
    - OMID INTERCEPTOR
    - REDUCED SEWER DIAMETER
  - 8 1/2 MILE RELIEF DRAIN DRAINAGE DISTRICT**
    - ◆ CHAPATON WEST PUMP STATION
    - ▽ CHAPATON RETENTION TREATMENT BASIN
    - CHAPATON CANAL CONTROL GATE
    - 8 1/2 MILE INTERCEPTOR
    - RAIN GAUGE
  - SEMCOVDS (SEMI-COMMUNITY DRAINAGE DISTRICT) (SEMCOVDD)**
    - ◆ SEMCOVDS PUMP STATION
    - ▽ CORROSION CONTROL FACILITY
    - SEMCOVDS INTERCEPTOR
  - MARTIN SANITARY DIVERSION DRAINAGE DISTRICT (MSDD)**
    - ◆ MARTIN DIVERSION TREATMENT BASIN
  - OTHER SYSTEMS**
    - ◆ PUMP STATION
    - ▽ METER
    - ★ WWTP
    - INTERCEPTOR

**Candice S. Miller**  
 MACOMB COUNTY PUBLIC WORKS COMMISSIONER



UPDATED: APRIL 2017

An adjourned meeting of the Intra-County Drainage Board for the **MARTIN SANITARY DIVERSION DRAIN** was held via telephone conference per the State Public Act 228 of 2020 due to the COVID-19 pandemic, on November 9, 2020, at 10:27 A.M.

PRESENT:                Canice S. Miller, Chair  
                              Harold Haugh, Member  
                              Bryan Santo, Member

ALSO PRESENT:     Robert Mijac, Joseph Romano, Macomb County Board of Commissioners; Brian Baker, Chief Deputy, Karen Czernel, Deputy, Stephen Downing, Construction & Maintenance Manager, Bruce Manning, Financial Manager, Tom Stockel, Construction Engineer, Jeff Bednar P.E., Environmental Resources Manager, Vince Astorino, Operations & Flow Manager, Kellie Kource, Drain Account Specialist, Macomb County Public Works, Ben Aloia, Attorney

The meeting was called to order by the Chair, Candice S. Miller. A motion was made by Mr. Haugh, supported by Mr. Santo to approve the agenda as presented.

Adopted:            YEAS: 3  
                              NAYS: 0

Minutes of the meeting of October 19, 2020 were presented. A motion was made by Mr. Santo, supported by Mr. Haugh to approve the minutes as presented.

Adopted:            YEAS: 3  
                              NAYS: 0

The meeting was opened to public participation, then closed, there being no comments from the public.

Mr. Astorino updated the board that the hydraulic accumulator that runs the dewatering gate was replaced. We budgeted to install real time TRC units which will allow operators to get live readings of the chlorine levels during weather events. We also began to install more security cameras to monitor the facility, and have begun the design of the flushing system.

A motion was made by Mr. Haugh, supported by Mr. Santo to receive and file the project update by Mr. Astorino.

Adopted:            YEAS: 3  
                              NAYS: 0

The Chair presented the invoices totaling \$50,107.80 to the board for review and approval.

A motion was made by Mr. Haugh, supported by Mr. Santo to approve the invoices as presented.

Adopted:            YEAS: 3  
                              NAYS: 0

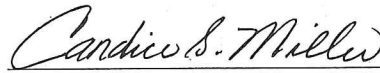
A motion to receive and file the financial report given by Mr. Manning was made by Mr. Haugh and supported by Mr. Santo.

Adopted: YEAS: 3  
NAYS: 0

There being no further business, it was moved by Mr. Santo, supported by Mr. Haugh that the meeting of the Martin Sanitary Diversion Drain Board be adjourned.

Adopted: YEAS: 3  
NAYS: 0

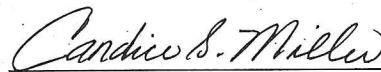
The meeting was adjourned at 10:37 a.m.



Candice S. Miller, Chair  
Macomb County Public Works Commissioner

STATE OF MICHIGAN  
COUNTY OF MACOMB

I certify that the foregoing is a true and correct copy of proceedings taking by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on November 9, 2020 the original of which is on file in the Public Works Commissioner's Office. Public notice of the meeting was given pursuant to Act No. 267, Public Acts of Michigan, 1975, including, in the case of a special or rescheduled meeting or a meeting secured for more than 36 hours; notice by posting at least 18 hours prior to the time set for the meeting.



Candice S. Miller, Chair  
Macomb County Public Works Commissioner

DATED: 11/9/20



**Candice S. Miller**

Public Works Commissioner  
Macomb County

To: Board Members of the following Drainage Districts:  
- Macomb Interceptor Drain Drainage District (MIDDD)  
- Martin Sanitary Diversion Drainage District (MSDDD)

CC: File

From: Vincent Astorino, Operations & Flow Manager

Date: December 9, 2020

Subject: 2020 Interceptor Inspection Program – Contractor Recommendation

Macomb County Public Works Office (MCPWO), on behalf of the various Drainage Districts noted above, has coordinated the 2020 Interceptor Inspection Program which consists of routine televising and inspection of the large interceptors throughout these systems. Inspections of non-reinforced concrete pipe occurs every three (3) years and reinforced concrete pipe every six (6) years. Furthermore, the inspections within the MIDDD are in accordance with the Administrative Consent Order (ACO-004875) entered by the MIDDD with the Michigan Department of Environment, Great Lakes, and Energy (EGLE). This is the largest inspection program that MCPWO has put out in one contract. Approximately 26 miles of pipe ranging from 12 inch to 11 feet in diameter. 363 manholes will be inspected with a three-dimensional scanner to provide a level 2 MACP rating. There will also be 12 drop shafts, which were rated high priority back in 2015, that will be inspected. A map of the inspection area has been attached to this memo.

In January 2020, MCPWO contracted with Fishbeck, Thompson, Carr & Huber, Inc. (now Fishbeck) to prepare contract documents, assist with bidding, and provide construction oversight for the Program. Detailed plans and specifications were then prepared and the project was publicly advertised on MITN. On December 3, 2020, MCPWO received the three (3) unit price bids as follows:

- Doetsch Environmental Services – \$ 421,254.75
- PipeTek Infrastructure Services – \$ 2,255,100.20
- Taplin Group, LLC – \$ 1,160,624.01

Fishbeck performed a review of the documents submitted by Doetsch and has indicated they believe Doetsch is capable of performing the work. A Pre-Award meeting was conducted with Doetsch on December 7, 2020 to discuss their bid price and the lack of acknowledgment of Addendum #1 in their bid package. At this meeting, Doetsch indicated that they were aware of Addendum #1 when their bid was submitted and that the cost of any changes related to this addendum have been accounted for in their bid price.

**OFFICE LOCATION:** 21777 Dunham Road, Clinton Township, Michigan 48036 • Phone: 586-469-5325 • Fax: 586-469-5933  
**ENGINEERING** • Phone: 586-469-5910 • Fax: 586-469-7693 ♦ **SOIL EROSION** • Phone: 586-469-5327 • Fax 586-307-8264

Below is a summary of the costs for each phase and drainage district:

Drainage District	Project Phase			Total Cost per District	Budgeted Amount
	Fishbeck Plans, Specs, & Bidding	Doetsch	Fishbeck Inspection		
MIDDD & NGIDDD	\$28,464.13	\$280,034.00	\$112,000.00	\$420,498.13	\$2,000,000
NGILLDDD	\$7,975.45	\$67,559.25	\$30,800.00	\$106,334.70	N/A*
SEMCWDS	\$7,012.90	\$64,958.50	\$30,100.00	\$102,071.40	\$200,000
MSDDD	\$247.52	\$8,703.00	\$13,200.00	\$22,150.52	\$25,000
Phase Total:	\$43,700.00	\$421,254.75	\$186,100.00	\$651,054.75	\$2,225,000

\*The NGILLDDD inspection will be paid with existing Lenox Local funds as they will own the Lenox Local interceptor once the bonds are paid off.

MCPWO staff is recommending to award the contract to Doetsch Environmental Services in the total amount of \$421,254.75 to perform the work associated with the 2020 Interceptor Inspection Program. MCPWO staff is confident that Doetsch will be able to perform the work for the bid price. Doetsch has recently performed various tasks for MCPWO including chemical grouting of Segment 5, the 2020 Grouting Program, and support for Segment 6 3-D scanning efforts.

The bid form and Fishbeck's engineering contract were structured with several subtasks so that each District will only be invoiced for work performed in the respective District. Upon board approval, MCPWO staff will coordinate with Doetsch to finalize the contract.

Attachments: Map of Inspection Area  
 Doetsch Bid Form Dated 12-03-20  
 Fishbeck Recommendation Letter Dated 12-08-20

PLOT INFO: Z:\2020\200147\CAD\BOARD MTG.DWG LAYOUT: G-02 DATE: 12/9/2020 TIME: 9:36:37 AM USER: MISEDKI



**OVERALL PLAN OF SANITARY SEWER SYSTEM**

SCALE: NONE



Hard copy is intended to be 8.5"x11" when plotted. Scale(s) indicated and graphic quality may not be accurate for any other size.

Macomb County, MI  
**Macomb Interceptor Drain Drainage District  
 2020 INTERCEPTOR INSPECTION PROGRAM**

PROJECT NO.

200147

FIGURE NO.

1

December 8, 2020  
Project No. 200147

Keith Lumma  
Construction Engineer  
Macomb County Public Works  
21777 Dunham Road  
Clinton Township, MI 48306

**Recommendation of Award  
2020 Interceptor Inspection Program**

Dear Mr. Lumma:

On December 3, 2020, at 10 a.m. the bid opening for the 2020 Interceptor Inspection Program occurred at the Macomb County Public Works Office. There were a total of three responsive bids with the following as-read bid results:

Doetsch Environmental Services	\$421,254.75
Taplin Group, LLC	\$1,160,624.01
Pipetek Infrastructure Services, LLC	\$2,255,100.20

Attached is the bid tabulation for the project, dated December 3, 2020. These tabulations are a true and correct summary of the proposals received.

Based on our review of the bids, we find the low bidder, Doetsch Environmental Services of Warren, Michigan, is satisfactory to perform the work under this contract.

**Minimum Bid Document Observations**

- The bid form did not acknowledge the addendum. Upon a follow up phone conversation on Monday, December 7, Sean Schotthoefer stated their electronic bid did have that checked and that they did receive and acknowledge the addendum and that their bid price is accurate. A copy of the written acknowledgment is attached.
- The Bid Bond provided, dated December 2, 2020, meets or exceeds 5% of the bid amount.
- The Bid Bond was issued by Platte River Insurance Company. We have confirmed the financial strength rating of A (excellent) for Platte River Insurance Company according to AM Best Rating Services.
- We verified Platte River Insurance Company is authorized to do business in Michigan according to the Department of Insurance and Financial Services (DIFS).

At this time, we recommend the low bidder, Doetsch Environmental Services, be awarded the Contract in the amount of \$421,254.75. The Contractor will still need to provide acceptable insurance and bonds as required in the Contract Documents.



Keith Lumma  
December 8, 2020

Fishbeck | Page 2

If you have any questions or require additional information, please contact me at 734.888.8753 or [jsiwek@fishbeck.com](mailto:jsiwek@fishbeck.com).

Sincerely,



**Joseph Siwek, PE, LEED AP**  
Senior Water & Wastewater Engineer

By email  
Attachments

5.02 *Instructions to Bidders*

- A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 *Receipt of Addenda*

- A. Bidder hereby acknowledges receipt of the following Addenda: **[Add rows as needed. Bidder is to complete table.]**

Addendum Number	Addendum Date
1	11-25-2020



**ARTICLE 6—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS**

6.01 *Bidder’s Representations*

- A. In submitting this Bid, Bidder represents the following:
  1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
  2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
  3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
  4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
  5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
  6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder’s (Contractor’s) safety precautions and programs.
  7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
  8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.

MCPWO Project No.: WWS-2019-021  
 Date Bid Tab Prep: 12/9/2020  
 Date of Bid Opening: 12/9/2020

Project: 2020 Interceptor Inspection Program

Owner: Macomb County Public Works Office

Engineer: Fishbeck  
 45200 Card Road, Suite 128  
 Macomb, MI 48044  
 (586) 412-1406

BID TAB

ITEM NO.	ITEM	QTY	Unit	Engineer's Opinion of Construction Cost			Doetsch			Taplin			PipeTek		
				UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT		
A.1	Mobilization (5% Max) - MIDDD & NGIDDD	1	LS	\$78,000.00	\$78,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$7,024.08	\$77,024.08	\$74,650.00	\$74,650.00		
A.2	Preconstruction Audio-Visual Documentation - MIDDD & NGIDDD	1	LS	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$0,352.72	\$50,352.72	\$50,667.50	\$50,667.50		
A.3	Traffic Control - MIDDD & NGIDDD	1	LS	\$40,000.00	\$40,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$77,088.49	\$77,088.49	\$30,000.00	\$30,000.00		
A.4	Soil Erosion and Sedimentation Control (As-Needed) - MIDDD & NGIDDD	1	LS	\$7,500.00	\$7,500.00	\$1.00	\$1.00	\$1.00	\$1.00	2,000.00	\$2,000.00	\$6,875.00	\$6,875.00		
A.5	Remove and Replace Asphalt Pavement (As-Needed)	480	SYD	\$125.00	\$60,000.00	\$1.00	\$480.00	\$1.00	\$480.00	231.00	\$110,880.00	\$267.52	\$128,405.60		
A.6	Remove and Replace Concrete Pavement (As-Needed)	480	SYD	\$150.00	\$72,000.00	\$1.00	\$480.00	\$1.00	\$480.00	204.60	\$96,208.80	\$306.20	\$146,876.00		
A.7	Deconstruct, San Struc, F&C, Replace with New (As-Needed)	12	EA	\$900.00	\$10,800.00	\$1.00	\$12.00	\$1.00	\$12.00	2,923.80	\$55,085.60	\$2,000.00	\$2,000.00		
A.8	Deconstruct, San Struc, Chimney, Replace with New (As-Needed)	12	EA	\$1,000.00	\$12,000.00	\$1.00	\$12.00	\$1.00	\$12.00	2,979.90	\$55,758.80	\$2,500.00	\$2,500.00		
A.9	Deconstruct, San Struc, Cone, Replace with New (As-Needed)	10	EA	\$1,400.00	\$14,000.00	\$1.00	\$10.00	\$1.00	\$10.00	4,512.20	\$54,146.40	\$3,000.00	\$3,000.00		
A.10	Remove Platform, Concrete (As-Needed)	10	EA	\$3,500.00	\$35,000.00	\$1.00	\$10.00	\$1.00	\$10.00	3,380.30	\$33,803.00	\$3,000.00	\$3,000.00		
A.11	Remove Platform, Metal (As-Needed)	10	EA	\$1,500.00	\$15,000.00	\$1.00	\$10.00	\$1.00	\$10.00	2,989.22	\$29,992.20	\$3,000.00	\$3,000.00		
A.12	San Swr, ML, 24", Inspect, Manage Data - MIDDD & NGIDDD	88	LF	\$8.00	\$704.00	\$1.50	\$132.00	\$1.50	\$132.00	68.10	\$55,922.80	\$4.00	\$352.00		
A.13	San Swr, ML, 27", Inspect, Manage Data - MIDDD & NGIDDD	5,243	LF	\$8.00	\$41,944.00	\$1.50	\$7,864.50	\$1.50	\$7,864.50	1.70	\$8,913.10	\$4.00	\$20,972.00		
A.14	San Swr, ML, 30", Inspect, Manage Data - MIDDD & NGIDDD	167	LF	\$8.00	\$1,336.00	\$1.75	\$292.25	\$1.75	\$292.25	16.49	\$27,533.83	\$4.00	\$668.00		
A.15	San Swr, ML, 36", Inspect, Manage Data - MIDDD & NGIDDD	5,199	LF	\$8.00	\$41,592.00	\$1.75	\$9,088.25	\$1.75	\$9,088.25	1.86	\$9,670.14	\$4.50	\$23,395.50		
A.16	San Swr, ML, 42", Inspect, Manage Data - MIDDD & NGIDDD	11,532	LF	\$8.00	\$92,256.00	\$2.00	\$23,064.00	\$2.00	\$23,064.00	1.32	\$15,222.24	\$4.50	\$51,894.00		
A.17	San Swr, ML, 48", Inspect, Manage Data - MIDDD & NGIDDD	11,054	LF	\$8.00	\$88,432.00	\$2.00	\$22,080.00	\$2.00	\$22,080.00	3.86	\$54,994.92	\$5.00	\$55,270.00		
A.18	San Swr, ML, 54", Inspect, Manage Data - MIDDD & NGIDDD	430	LF	\$10.00	\$4,300.00	\$2.00	\$860.00	\$2.00	\$860.00	71.01	\$90,594.30	\$5.00	\$2,150.00		
A.19	San Swr, ML, 60", Inspect, Manage Data - MIDDD & NGIDDD	12,794	LF	\$10.00	\$127,940.00	\$2.00	\$25,588.00	\$2.00	\$25,588.00	2.75	\$55,183.50	\$11.00	\$1,320.00		
A.20	San Swr, ML, 66", Inspect, Manage Data - MIDDD & NGIDDD	16,108	LF	\$15.00	\$241,620.00	\$2.50	\$40,270.00	\$2.50	\$40,270.00	1.89	\$31,088.44	\$14.00	\$275,512.00		
A.21	San Swr, ML, 72", Inspect, Manage Data - MIDDD & NGIDDD	7,222	LF	\$15.00	\$108,330.00	\$2.50	\$18,055.00	\$2.50	\$18,055.00	2.05	\$19,938.46	\$14.00	\$101,108.00		
A.22	San Swr, ML, 78", Inspect, Manage Data - MIDDD & NGIDDD	31,378	LF	\$15.00	\$470,670.00	\$2.50	\$78,445.00	\$2.50	\$78,445.00	2.05	\$64,324.90	\$14.00	\$499,292.00		
A.23	Standard Manhole, Inspect, Level 2 MACP, 3D Optical - MIDDD & NGIDDD	145	EA	\$250.00	\$36,250.00	\$750.00	\$108,750.00	\$750.00	\$108,750.00	186.23	\$27,003.35	\$300.00	\$29,000.00		
A.24	Standard Manhole, Inspect, Level 2 MACP, 3D Optical - MIDDD & NGIDDD	8	EA	\$1,500.00	\$12,000.00	\$12,000.00	\$96,000.00	\$12,000.00	\$96,000.00	344.17	\$2,673.36	\$300.00	\$2,400.00		
A.25	Drop Shaft, Inspect, Level 2 MACP, 3D Optical - MIDDD & NGIDDD	8	EA	\$2,000.00	\$16,000.00	\$2,500.00	\$20,000.00	\$2,500.00	\$20,000.00	951.91	\$7,615.28	\$300.00	\$2,400.00		
B.1	Mobilization (5% Max) - NGILLDD	1	LS	\$14,000.00	\$14,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$2,472.59	\$24,725.90	\$8,875.00	\$8,875.00		
B.2	Preconstruction Audio-Visual Documentation - NGILLDD	1	LS	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$14,374.14	\$14,374.14	\$14,464.00	\$14,464.00		
B.3	Traffic Control - NGILLDD	1	LS	\$25,000.00	\$25,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$10,990.84	\$10,990.84	\$25,000.00	\$25,000.00		
B.4	Soil Erosion and Sedimentation Control (As-Needed) - NGILLDD	1	LS	\$5,000.00	\$5,000.00	\$1.00	\$1.00	\$1.00	\$1.00	\$2,000.00	\$2,000.00	\$6,875.00	\$6,875.00		
B.5	San Swr, ML, 15", Inspect, Manage Data - NGILLDD	5,251	LF	\$5.00	\$26,255.00	\$1.50	\$7,876.50	\$1.50	\$7,876.50	\$0.99	\$5,198.49	\$3.00	\$15,753.00		
B.6	San Swr, ML, 18", Inspect, Manage Data - NGILLDD	12,736	LF	\$8.00	\$101,888.00	\$1.50	\$19,104.00	\$1.50	\$19,104.00	\$0.99	\$12,608.64	\$4.00	\$50,944.00		
B.7	San Swr, ML, 21", Inspect, Manage Data - NGILLDD	4,762	LF	\$8.00	\$38,096.00	\$1.50	\$7,143.00	\$1.50	\$7,143.00	\$0.99	\$4,714.38	\$4.00	\$19,046.00		
B.8	San Swr, ML, 24", Inspect, Manage Data - NGILLDD	6,093	LF	\$8.00	\$48,744.00	\$1.75	\$10,662.75	\$1.75	\$10,662.75	\$0.99	\$6,032.07	\$4.50	\$27,418.50		
B.9	San Swr, ML, 27", Inspect, Manage Data - NGILLDD	86	LF	\$8.00	\$688.00	\$2.00	\$172.00	\$2.00	\$172.00	\$1.05	\$90.30	\$5.00	\$430.00		
B.10	Standard Manhole, Inspect, Level 2 MACP, 3D Optical - NGILLDD	88	EA	\$250.00	\$22,000.00	\$2,000.00	\$17,600.00	\$2,000.00	\$17,600.00	\$186.27	\$16,391.76	\$200.00	\$17,600.00		
C.1	Mobilization (5% Max) - SMCWIDS	1	LS	\$16,000.00	\$16,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$5,059.67	\$16,122.00	\$16,122.00	\$16,122.00		
C.2	Preconstruction Audio-Visual Documentation - SMCWIDS	1	LS	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$11,688.43	\$11,688.43	\$11,761.50	\$11,761.50		
C.3	Traffic Control - SMCWIDS	1	LS	\$30,000.00	\$30,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$17,678.35	\$17,678.35	\$25,000.00	\$25,000.00		
C.4	Soil Erosion and Sedimentation Control (As-Needed) - SMCWIDS	1	LS	\$5,000.00	\$5,000.00	\$1.00	\$1.00	\$1.00	\$1.00	\$2,000.00	\$2,000.00	\$6,875.00	\$6,875.00		
C.5	Remove and Replace Asphalt Pavement (As-Needed)	128	SYD	\$125.00	\$16,000.00	\$1.00	\$128.00	\$1.00	\$128.00	\$210.00	\$26,880.00	\$371.3	\$47,520.00		
C.6	Remove and Replace Concrete Pavement (As-Needed)	128	SYD	\$150.00	\$19,200.00	\$1.00	\$128.00	\$1.00	\$128.00	\$186.00	\$24,908.00	\$424.7	\$54,961.60		
C.7	Deconstruct, San Struc, F&C, Replace with New (As-Needed)	8	EA	\$900.00	\$7,200.00	\$1.00	\$8.00	\$1.00	\$8.00	\$2,658.00	\$21,764.00	\$2,000.00	\$16,000.00		
C.8	Deconstruct, San Struc, Chimney, Replace with New (As-Needed)	8	EA	\$1,000.00	\$8,000.00	\$1.00	\$8.00	\$1.00	\$8.00	\$2,709.00	\$21,672.00	\$2,500.00	\$20,000.00		

MCPWC Project No.: WWS-2019-021  
 Date Bid Tab Prep: 12/3/2020  
 Date of Bid Opening: 12/9/2020

Project: 2020 Interceptor Inspection Program

Engineer: Fishbeck  
 45200 Card Road, Suite 128  
 Macomb, MI 48044  
 (586) 412-1406

Owner: Macomb County Public Works Office

**BID TAB**

ITEM NO.	ITEM	QTY	Unit	Engineer's Opinion of Construction Cost			Deetsch			Taplin			PipeTek		
				UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT	UNIT PRICE	CONTRACT AMOUNT		
C.9	Deconstruct, San Struc, Cone, Replace with New (As-Needed)	8	EA	\$1,400.00	\$11,200.00	\$1.00	\$8.00	\$4,102.00	\$32,815.00	\$3,000.00	\$24,000.00	\$3,000.00	\$24,000.00		
C.10	San Swr, ML 12*, Inspect, Manage Data - SMCWWDs	365	LF	\$5.00	\$1,825.00	\$1.50	\$547.50	\$1.00	\$365.00	\$1.00	\$365.00	\$3.00	\$1,095.00		
C.11	San Swr, ML 15*, Inspect, Manage Data - SMCWWDs	591	LF	\$5.00	\$2,955.00	\$1.50	\$886.50	\$0.99	\$585.09	\$0.99	\$585.09	\$3.00	\$1,773.00		
C.12	San Swr, ML 18*, Inspect, Manage Data - SMCWWDs	3,891	LF	\$5.00	\$19,455.00	\$1.50	\$5,836.50	\$1.00	\$3,891.00	\$1.00	\$3,891.00	\$3.00	\$11,673.00		
C.13	San Swr, ML 21*, Inspect, Manage Data - SMCWWDs	2,182	LF	\$8.00	\$17,456.00	\$1.50	\$3,273.00	\$1.00	\$2,182.00	\$1.00	\$2,182.00	\$4.00	\$8,728.00		
C.14	San Swr, ML 24*, Inspect, Manage Data - SMCWWDs	2,083	LF	\$8.00	\$16,664.00	\$1.50	\$3,124.50	\$1.08	\$2,249.64	\$1.08	\$2,249.64	\$4.00	\$8,332.00		
C.15	San Swr, ML 27*, Inspect, Manage Data - SMCWWDs	724	LF	\$5.00	\$3,620.00	\$1.50	\$1,086.00	\$1.00	\$724.00	\$1.00	\$724.00	\$4.00	\$2,896.00		
C.16	San Swr, ML 30*, Inspect, Manage Data - SMCWWDs	1,006	LF	\$8.00	\$8,048.00	\$1.75	\$1,760.50	\$1.00	\$1,006.00	\$1.00	\$1,006.00	\$4.00	\$4,024.00		
C.17	San Swr, ML 36*, Inspect, Manage Data - SMCWWDs	3,956	LF	\$8.00	\$31,648.00	\$1.75	\$6,923.00	\$1.15	\$4,549.40	\$1.15	\$4,549.40	\$4.50	\$17,982.00		
C.18	San Swr, ML 54*, Inspect, Manage Data - SMCWWDs	8,685	LF	\$10.00	\$86,850.00	\$2.00	\$17,370.00	\$1.40	\$12,159.00	\$1.40	\$12,159.00	\$5.00	\$43,425.00		
C.19	Standard Manhole, Inspect, Level 2 MACP, 3D Optical - SMCWWDs	79	EA	\$250.00	\$19,750.00	\$200.00	\$15,800.00	\$186.28	\$14,716.12	\$200.00	\$15,800.00	\$200.00	\$15,800.00		
C.20	Siphon Structure, Inspect, Level 2 MACP, 3D Optical - SMCWWDs	4	EA	\$1,500.00	\$6,000.00	\$750.00	\$3,000.00	\$334.21	\$1,336.84	\$300.00	\$1,200.00	\$300.00	\$1,200.00		
				<b>Subtotal C</b>	<b>\$839,965.00</b>		<b>\$84,958.50</b>		<b>\$266,676.84</b>		<b>\$13,310.30</b>		<b>\$21,194.00</b>		
D.1	Mobilization (5% Max) - MSDDD	1	LS	\$3,000.00	\$3,000.00	\$350.00	\$1,310.30	\$1,310.30	\$1,310.30	\$1,310.30	\$1,310.30	\$1,310.30	\$2,194.00		
D.2	Preconstruction Audio-Visual Documentation - MSDDD	1	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$447.20	\$447.20	\$447.20	\$447.20	\$450.00			
D.3	Traffic Control - MSDDD	1	LS	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$1,936.60	\$1,936.60	\$1,936.60	\$1,936.60	\$5,000.00			
D.4	Soil Erosion and Sedimentation Control (As-Needed) - MSDDD	1	LS	\$2,500.00	\$2,500.00	\$1.00	\$1.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$6,875.00			
D.5	Remove and Replace Asphalt Pavement (As-Needed)	40	SYD	\$100.00	\$4,000.00	\$40.00	\$1,600.00	\$231.00	\$9,240.00	\$231.00	\$9,240.00	\$14,850.00			
D.6	Deconstruct, San Struc, FRC, Replace with New (As-Needed)	2	EA	\$1,000.00	\$2,000.00	\$1.00	\$2.00	\$4,023.80	\$8,047.60	\$2,000.00	\$4,000.00	\$4,000.00			
D.7	San Swr, ML 42*, Inspect, Manage Data - MSDDD	580	LF	\$8.00	\$4,640.00	\$2.00	\$1,160.00	\$5.62	\$3,259.60	\$4.50	\$2,610.00	\$2,610.00			
D.8	San Swr, ML 64" x 144", Inspect, Manage Data - MSDDD	320	LF	\$50.00	\$16,000.00	\$2.50	\$800.00	\$7.09	\$2,268.80	\$25.00	\$8,000.00	\$8,000.00			
D.9	Standard Manhole, Inspect, Level 2 MACP, 3D Optical - MSDDD	3	EA	\$250.00	\$750.00	\$200.00	\$600.00	\$183.75	\$551.25	\$200.00	\$600.00	\$600.00			
D.10	Junction Chamber, Inspect, Level 2 MACP, 3D Optical - MSDDD	5	EA	\$1,500.00	\$7,500.00	\$750.00	\$3,750.00	\$436.33	\$2,181.65	\$300.00	\$1,500.00	\$1,500.00			
				<b>Subtotal D</b>	<b>\$46,390.00</b>		<b>\$8,703.00</b>		<b>\$29,500.00</b>		<b>\$11,602.24</b>		<b>\$2,255,100.20</b>		
<b>TOTAL BID AMOUNT (A+B+C+D)</b>					<b>\$2,301,098.00</b>		<b>\$421,254.75</b>		<b>\$1,160,624.01</b>		<b>\$2,255,100.20</b>		<b>\$46,079.00</b>		

I HEREBY CERTIFY THAT THE ABOVE IS THE TRUE AND CORRECT SUMMARY OF THE PROPOSALS RECEIVED

*Joseph C. Siewek*  
 Fishbeck  
 Joseph C. Siewek

Corrections  
 \* Bidder's multiplication error was corrected  
 \* Bidder's summation error was corrected  
 \* Bidder's total was adjusted to reflect correction(s).

## BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

### ARTICLE 1—OWNER AND BIDDER

- 1.01 This Bid is submitted to: **Macomb Interceptor Drain Drainage District**
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

### ARTICLE 2—ATTACHMENTS TO THIS BID

- 2.01 The following documents are submitted with and made a condition of this Bid:
  - A. Required Bid security;
  - B. List of Proposed Subcontractors;
  - C. List of Proposed Suppliers;
  - D. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids;
  - E. Contractor’s license number as evidence of Bidder’s State Contractor’s License or a covenant by Bidder to obtain said license within the time for acceptance of Bids;
  - F. Required Bidder Qualification Statement with supporting data;

### ARTICLE 3—LUMP SUM BID AND UNIT PRICES

- 3.01 Unit Price Bids
  - A. Bidder will perform the following Work at the indicated unit prices:

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
				\$	\$
<b>A. MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (MIDDD) and NORTH GRATIOT INTERCEPTOR DRAIN DRAINAGE DISTRICT (NGIDDD):</b>					
A.1	Mobilization (5% Max) – MIDDD & NGIDDD	LS	1	10,000.00	10,000.00
A.2	Preconstruction Audio-Visual Documentation – MIDDD & NGIDDD	LS	1	1,000.00	1,000.00
A.3	Traffic Control – MIDDD & NGIDDD	LS	1	1,000.00	1,000.00
A.4	Soil Erosion and Sedimentation Control (As-Needed) – MIDDD & NGIDDD	LS	1	1.00	1.00
A.5	Remove and Replace Asphalt Pavement (As-Needed)	SYD	480	1.00	480.00

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
				\$	\$
A.6	Remove and Replace Concrete Pavement (As-Needed)	SYD	480	1.00	480.00
A.7	Deconstruct, San Struc, F&C, Replace with New (As-Needed)	EA	12	1.00	12.00
A.8	Deconstruct, San Struc, Chimney, Replace with New (As-Needed)	EA	12	1.00	12.00
A.9	Deconstruct, San Struc, Cone, Replace with New (As-Needed)	EA	12	1.00	12.00
A.10	Remove Platform, Concrete (As-Needed)	EA	10	1.00	12.00
A.11	Remove Platform, Metal (As-Needed)	EA	10	1.00	12.00
A.12	San Swr, ML, 24", Inspect, Manage Data – MIDDD & NGIDDD	LF	88	1.50	132.00
A.13	San Swr, ML, 27", Inspect, Manage Data – MIDDD & NGIDDD	LF	5243	1.50	7,864.50
A.14	San Swr, ML, 30", Inspect, Manage Data – MIDDD & NGIDDD	LF	167	1.75	292.25
A.15	San Swr, ML, 36", Inspect, Manage Data – MIDDD & NGIDDD	LF	5199	1.75	9,098.25
A.16	San Swr, ML, 42", Inspect, Manage Data – MIDDD & NGIDDD	LF	11532	2.00	23,064.00
A.17	San Swr, ML, 48", Inspect, Manage Data – MIDDD & NGIDDD	LF	11054	2.00	22,108.00
A.18	San Swr, ML, 54", Inspect, Manage Data – MIDDD & NGIDDD	LF	430	2.00	860.00
A.19	San Swr, ML, 60", Inspect, Manage Data – MIDDD & NGIDDD	LF	120	2.00	240.00
A.20	San Swr, ML, 66", Inspect, Manage Data – MIDDD & NGIDDD	LF	12794	2.00	25,588.00
A.21	San Swr, ML, 84", Inspect, Manage Data – MIDDD & NGIDDD	LF	16108	2.50	40,270.00
A.22	San Swr, ML, 108", Inspect, Manage Data – MIDDD & NGIDDD	LF	7222	2.50	18,055.00
A.23	San Swr, ML, 132", Inspect, Manage Data – MIDDD & NGIDDD	LF	31378	2.50	78,445.00
A.24	Standard Manhole, Inspect, Level 2 MACP, 3D Optical – MIDDD & NGIDDD	EA	145	200.00	29,000.00
A.25	Junction Chamber, Inspect, Level 2 MACP, 3D Optical – MIDDD & NGIDDD	EA	8	750.00	6,000.00
A.26	Drop Shaft, Inspect, Level 2 MACP, 3D Optical – MIDDD & NGIDDD	EA	8	750.00	6,000.00
<b>A = Total of All Unit Price Bid Items – MIDDD</b>					<b>\$ 280,034.00</b>

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
				\$	\$
<b>B. NORTH GRATIOT INTERCEPTOR-LENOX LOCAL DRAIN DRAINAGE DISTRICT (NGILLDDD)</b>					
B.1	Mobilization (5% Max) – NGILLDDD	LS	1	3,000.00	3,000.00
B.2	Preconstruction Audio-Visual Documentation – NGILLDDD	LS	1	1,000.00	1,000.00
B.3	Traffic Control – NGILLDDD	LS	1	1,000.00	1,000.00
B.4	Soil Erosion and Sedimentation Control (As-Needed) – NGILLDDD	LS	1	1.00	1.00
B.5	San Swr, ML, 15", Inspect, Manage Data – NGILLDDD	LF	5251	1.50	7,876.50
B.6	San Swr, ML, 24", Inspect, Manage Data – NGILLDDD	LF	12736	1.50	19,104.00
B.7	San Swr, ML, 27", Inspect, Manage Data – NGILLDDD	LF	4762	1.50	7,143.00
B.8	San Swr, ML, 36", Inspect, Manage Data – NGILLDDD	LF	6093	1.75	10,662.75
B.9	San Swr, ML, 48", Inspect, Manage Data – NGILLDDD	LF	86	2.00	172.00
B.10	Standard Manhole, Inspect, Level 2 MACP, 3D Optical – NGILLDDD	EA	88	200.00	17,600.00
<b>B = Total of All Unit Price Bid Items – NGILLDDD</b>					<b>\$ 67,559.25</b>
<b>C. SOUTHEAST MACOMB COUNTY WASTEWATER DISPOSAL SYSTEM (SMCWWDS)</b>					
C.1	Mobilization (5% Max) – SMCWWDS	LS	1	3,000.00	3,000.00
C.2	Preconstruction Audio-Visual Documentation – SMCWWDS	LS	1	1,000.00	1,000.00
C.3	Traffic Control – SMCWWDS	LS	1	1,000.00	1,000.00
C.4	Soil Erosion and Sedimentation Control (As-Needed) – SMCWWDS	LS	1	1.00	1.00
C.5	Remove and Replace Asphalt Pavement (As-Needed)	SYD	128	1.00	128.00
C.6	Remove and Replace Concrete Pavement (As-Needed)	SYD	128	1.00	128.00
C.7	Deconstruct, San Struc, F&C, Replace with New (As-Needed)	EA	8	1.00	8.00
C.8	Deconstruct, San Struc, Chimney, Replace with New (As-Needed)	EA	8	1.00	8.00
C.9	Deconstruct, San Struc, Cone, Replace with New (As-Needed)	EA	8	1.00	8.00
C.10	San Swr, ML, 12", Inspect, Manage Data – SMCWWDS	LF	365	1.50	547.50
C.11	San Swr, ML, 15", Inspect, Manage Data – SMCWWDS	LF	591	1.50	886.50
C.12	San Swr, ML, 18", Inspect, Manage Data – SMCWWDS	LF	3891	1.50	5,836.50
C.13	San Swr, ML, 21", Inspect, Manage Data – SMCWWDS	LF	2182	1.50	3,273.00
C.14	San Swr, ML, 24", Inspect, Manage Data – SMCWWDS	LF	2083	1.50	3,124.50
C.15	San Swr, ML, 27", Inspect, Manage Data – SMCWWDS	LF	724	1.50	1,086.00
C.16	San Swr, ML, 30", Inspect, Manage Data – SMCWWDS	LF	1006	1.75	1,760.50
C.17	San Swr, ML, 36", Inspect, Manage Data – SMCWWDS	LF	3996	1.75	6,993.00

EJCDC® C-410, Bid Form for Construction Contract.

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Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
				\$	\$
C.18	San Swr, ML, 54", Inspect, Manage Data – SMCWWDS	LF	8685	2.00	17,370.00
C.19	Standard Manhole, Inspect, Level 2 MACP, 3D Optical – SMCWWDS	EA	79	200.00	15,800.00
C.20	Siphon Structure, Inspect, Level 2 MACP, 3D Optical – SMCWWDS	EA	4	750.00	3,000.00
<b>C = Total of All Unit Price Bid Items – SMCWWDS</b>					<b>\$64,958.50</b>
<b>D. MARTIN SANITARY DIVERSION DRAINAGE DISTRICT (MSDDD)</b>					
D.1	Mobilization (5% Max) – MSDDD	LS	1	350.00	
D.2	Preconstruction Audio-Visual Documentation – MSDDD	LS	1	1,000.00	1,000.00
D.3	Traffic Control – MSDDD	LS	1	1,000.00	1,000.00
D.4	Soil Erosion and Sedimentation Control (As-Needed) – MSDDD	LS	1	1.00	1.00
D.5	Remove and Replace Asphalt Pavement (As-Needed)	SYD	40	1.00	40.00
D.6	Deconstruct, San Struc, F&C, Replace with New (As-Needed)	EA	2	1.00	2.00
D.7	San Swr, ML, 42", Inspect, Manage Data – MSDDD	LF	580	2.00	1,160.00
D.8	San Swr, ML, 84" x 144", Inspect, Manage Data – MSDDD	LF	320	2.50	800.00
D.9	Standard Manhole, Inspect, Level 2 MACP, 3D Optical – MSDDD	EA	3	200.00	600.00
D.10	Junction Chamber, Inspect, Level 2 MACP, 3D Optical – MSDDD	EA	5	750.00	3,750.00
<b>D Total of All Unit Price Bid Items – MSDDD</b>					<b>\$ 8,703.00</b>

3.02 Total Base Bid Price (Unit Prices)

Total Base Bid Price (Total of all Unit Price Bids: A +B+C+D)	\$ 421,254.75
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**ARTICLE 4—TIME OF COMPLETION**

4.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

**ARTICLE 5—BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA**

5.01 *Bid Acceptance Period*

A. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.



5.02 *Instructions to Bidders*

- A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 *Receipt of Addenda*

- A. Bidder hereby acknowledges receipt of the following Addenda: **[Add rows as needed. Bidder is to complete table.]**

Addendum Number	Addendum Date

**ARTICLE 6—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS**

6.01 *Bidder’s Representations*

- A. In submitting this Bid, Bidder represents the following:
1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
  2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
  3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
  4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
  5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
  6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder’s (Contractor’s) safety precautions and programs.
  7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
  8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.

9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

6.02 *Bidder's Certifications*

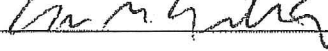
A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
  - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
  - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
  - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
  - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder: DOETSCH ENVIRONMENTAL SERVICES

*(typed or printed name of organization)*

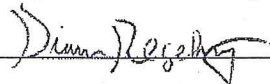
By:   
*(Individual's signature)*

Name: SEAN SCHOTTHOEFER  
*(typed or printed)*

Title: VICE PRESIDENT  
*(typed or printed)*

Date: 12-2-2020  
*(typed or printed)*

*If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.*

Attest:   
*(Individual's signature)*

Name: DIANN REGELBRUGGE  
*(typed or printed)*

Title: PRESIDENT  
*(typed or printed)*

Date: 12-2-2020  
*(typed or printed)*

Address for giving notices:  
21221 MULLIN AVE, WARREN, MI 48089

Bidder's Contact:  
Name: SEAN SCHOTTHEOFER  
*(typed or printed)*

Title: VICE PRESIDENT  
*(typed or printed)*

Phone: 586-755-2090

Email: SEAN@DOETSCHENV.COM

Address: 21221 MULLIN AVE, WARREN, MI 48089

Bidder's Contractor License No.: (if applicable) \_\_\_\_\_

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5.02 *Instructions to Bidders*

- A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 *Receipt of Addenda*

- A. Bidder hereby acknowledges receipt of the following Addenda: **[Add rows as needed. Bidder is to complete table.]**

Addendum Number	Addendum Date
1	11-25-2020

**ARTICLE 6—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS**

6.01 *Bidder’s Representations*

- A. In submitting this Bid, Bidder represents the following:
  1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
  2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
  3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
  4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
  5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
  6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder’s (Contractor’s) safety precautions and programs.
  7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
  8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.

Post-bid acknowledgment of Add#1 and confirmation that bid price, as submitted, will be held by Doetsch



Steven Wagner <steven.wagner@macombgov.org>

## 2020 Interceptor Insp Pre-Award Mtg

sean@doetschenv.com <sean@doetschenv.com>

Mon, Dec 7, 2020 at 1:22 PM

To: "Sedki, Maria" <mesedki@fishbeck.com>, joe@doetschenv.com, vincent.astorino@macombgov.org, Keith Lumma - AEW <keith.lumma@macombgov.org>, Steven Wagner <steven.wagner@macombgov.org>, "Siwek, Joe" <jsiwek@fishbeck.com>  
Cc: "Turczynski, Bryan" <bdturczynski@fishbeck.com>

Maria,

We acknowledge the receipt of addendum one and our pricing will be held as bid. Please see the attached acknowledgement. If there is anything further that you need, please let me know.

Sean

Sean M Schotthoefler  
Finance Director  
Doetsch Environmental Services  
21221 Mullin  
Warren, MI 48089  
586.755.2090  
[www.doetschenv.com](http://www.doetschenv.com)

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-----Original Appointment-----

**From:** Sedki, Maria <mesedki@fishbeck.com>

**Sent:** Monday, December 7, 2020 9:35 AM

**To:** joe@doetschenv.com; sean@doetschenv.com; vincent.astorino@macombgov.org; Keith Lumma - AEW (keith.lumma@macombgov.org); Steven Wagner; Siwek, Joe

**Cc:** Turczynski, Bryan

**Subject:** 2020 Interceptor Insp Pre-Award Mtg

**When:** Monday, December 7, 2020 1:00 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** <https://fishbeck.zoom.us/j/95610749634?pwd=YURRc1pmeGpZRTVkaTZCSHhUbmxdz09>

MARTIN SANITARY DIVERSION - 11/17/20 - 12/1/20

<u>Funding Source</u>	<u>Apportionment</u>	<u>Manager</u>	<u>Vendor</u>	<u>Amount</u>	<u>Invoice Detail</u>	<u>Project Summary</u>	<u>Project Balance</u>	
Martin Sanitary Diversion Drain	Chapter 20 Roseville - 78.09% St. Clair Shores - 21.91%	Astoria	HESCO	\$ 3,127.97	Invoice #60790 - 11.24.20	Level Sensor Replacement		
		Astoria	JCI Jones Chemicals Inc.	\$ 4,044.74	Invoice #838170 - 11.10.20	Hypochlorite Solution - 4,481 Gallons		
		Astoria	Swan Analytical Instruments	\$ 5,293.90	Invoice #IN-US20-3160 - 11.10.20	TRC Equipment		
		Astoria	Swan Analytical Instruments	\$ 10,573.60	Invoice #IN-US20-3159 - 11.10.20	TRC Equipment		
		Astoria	Systems Specialties	\$ 14,908.00	Invoice #50936 - 11.23.20	Influent Gate Repairs		
		Astoria	Systems Specialties	\$ 2,270.00	Invoice #50937 - 11.23.20	Influent Gate Repairs		
		Astoria	Wade Trim	\$ 2,851.29	Invoice #2019422 - 11.3.20	Martin RTB Disinfection Improvements		
		Astoria	Watson Marlow Inc.	\$ 3,550.00	Invoice #SI44579 - 11.10.20	Disinfection Pumps	\$ 29,389.96	
		Astoria	WCI Contractors, Inc.	\$ 13,245.00	Invoice #190902 - 11.3.20	Masonry Patching/Sealing - Building		
		<b>Total</b>			\$ 59,864.50			

YTD Budget

Fund: Martin Sanitary Diversion

As of Fiscal Period: Oct 1, 2020-Nov 30, 2020(16%)

DESCRIPTION	2021 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
<b>REVENUE ACCOUNTS</b>					
Investment Inc-Interest	4,500			4,500	0.0%
Reimb-Local Communities	920,550		460,275	460,275	50.0%
PY Revenue-Fund Balance	611,175			611,175	0.0%
<b>Total Revenue Accounts</b>	<b>1,536,225</b>	<b>-</b>	<b>460,275</b>	<b>1,075,950</b>	<b>30.0%</b>
<b>EXPENSE ACCOUNTS</b>					
Application/Permit Fee	6,000			6,000	0.0%
Dues, Training, Conf, Subs.	2,560			2,560	0.0%
<b>Engineering</b>					
-As Needed Engineering	18,725			18,725	0.0%
-Misc Sewer Repairs	20,000				
- Disinfection System Replacement	175,000		6,401	168,599	3.7%
-CCTV of Dewatering Line and Influent and Effluent Boxes	25,000			25,000	0.0%
-Design Flushing System Upgrades & First Flush Capture	865,000			865,000	0.0%
-Replace Drain Gate Hydraulic Accumulator	-		6,936	(6,936)	100.0%
-Design Basin Equipment Hatch	9,950			9,950	0.0%
New Equipment	34,000		15,591	18,409	45.9%
Operating Supplies	48,640			48,640	0.0%
Other Professional Srvcs	11,000			11,000	0.0%
Personnel Services	205,200			205,200	0.0%
Repair & Maintenance	28,740		4,737	24,003	16.5%
Scada System	46,260		175	46,085	0.4%
Utilities	40,150		799	39,351	2.0%
<b>Total Expense Accounts</b>	<b>1,536,225</b>	<b>-</b>	<b>34,639</b>	<b>1,481,586</b>	<b>2.3%</b>

	O&M Balance 9/30/2020	O&M	Total 11/30/2020
Cash - Operating	1,123,849	425,636	1,549,485
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		460,275	460,275
Expenditures		34,639	34,639
Equity	1,123,849		1,549,485

**Detail of 2020 Equity**

Design Basin Equipment Hatch	9,950
Replace Drain Gate Hydraulic Accumulator	33,844
As Needed Engineering	18,725
Design Flushing System Upgrades & First Flush Capture	375,000
CCTV of Dewatering Line & Influent and Effluent Boxes	25,000
Disinfection System Replacement	129,501
TRC Equipment	7,500
Pickup Truck	3,900
SCADA Reserves	16,913
Capital Reserves	503,516