

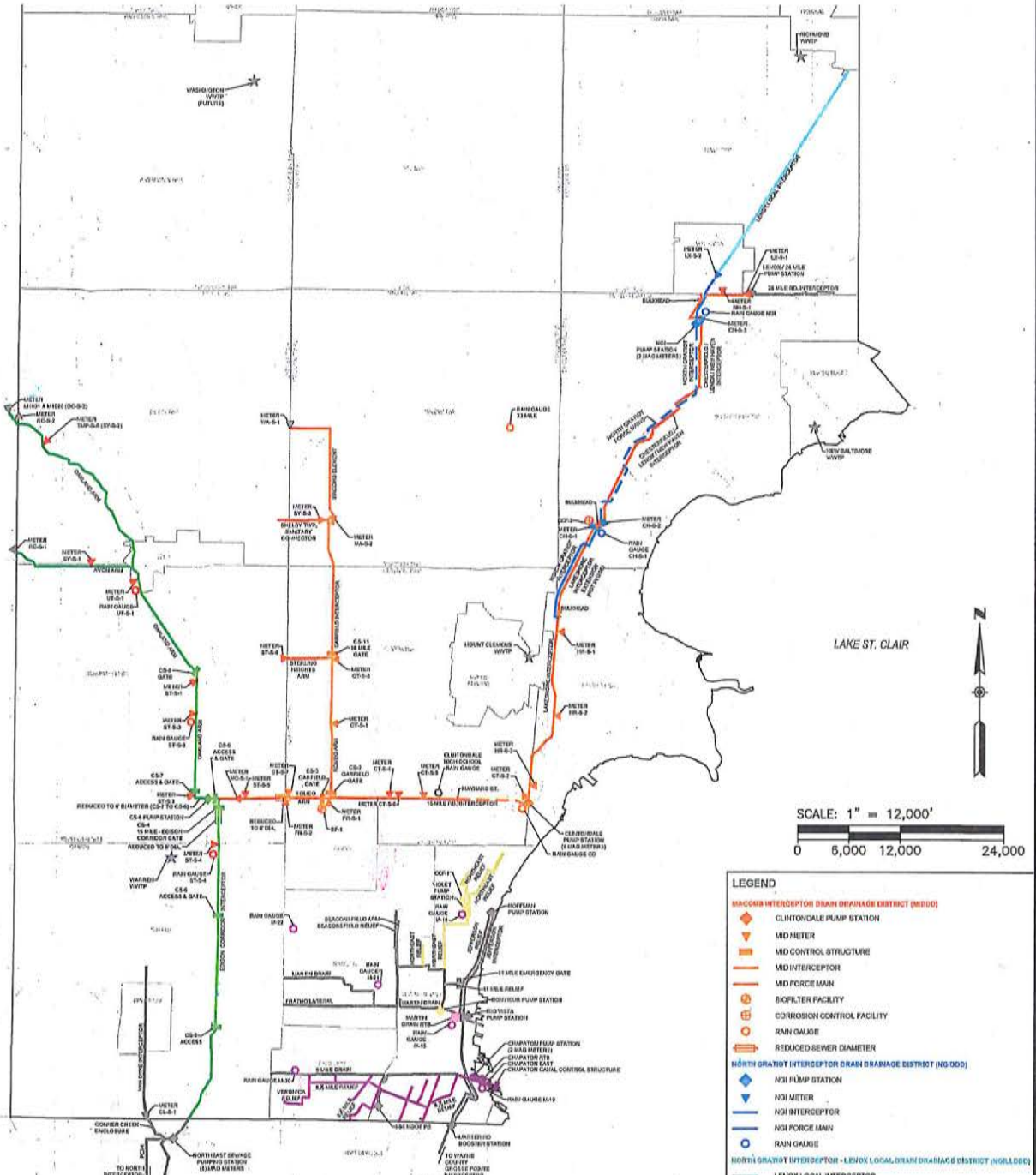
EIGHT AND ONE-HALF MILE RELIEF DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
DECEMBER 14, 2020  
10:00 A.M.  
AGENDA

**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 Updates - Vince Astorino	
6. Lawn Maintenance Contract Renewal – Stephen Downing	5
Motion: To approve a contract amendment to extend the Marino's Landscaping contract for the 2021, 2022, and 2023 seasons based on 2020 rates for a total cost of \$25,596 (\$8,532 annually).	
7. Consideration for approval of invoices (see attached)	8
8. Financial Report – Bruce Manning	65
9. Adjourn	

# MACOMB COUNTY WASTEWATER SYSTEMS



- LEGEND**
- MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (MIDD)**
    - ◆ CLINTONDALE PUMP STATION
    - ▼ MID METER
    - ▬ MID CONTROL STRUCTURE
    - ▬ MID INTERCEPTOR
    - ▬ MID FORCE MAIN
    - ⊕ BIOFILTER FACILITY
    - ⊕ CORROSION CONTROL FACILITY
    - RAIN GAUGE
    - REDUCED SEWER DIAMETER
  - NORTH GRADY INTERCEPTOR DRAIN DRAINAGE DISTRICT (NGIDD)**
    - ◆ NGI PUMP STATION
    - ▼ NGI METER
    - ▬ NGI INTERCEPTOR
    - ▬ NGI FORCE MAIN
    - RAIN GAUGE
  - NORTH GRADY INTERCEPTOR - LENOX LOCAL DRAIN DRAINAGE DISTRICT (NGLLDD)**
    - ▬ LENOX LOCAL INTERCEPTOR
  - OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDD)**
    - ◆ CS-4 PUMP STATION
    - ▼ OMD METER
    - ▬ OMD CONTROL STRUCTURE
    - ▬ OMD 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
  - SEMAWDS PUMP STATION**
    - ◆ SEMA WASTEWATER TREATMENT PLANT
    - ◆ SEMA WASTEWATER TREATMENT PLANT
    - ◆ SEMA WASTEWATER TREATMENT PLANT
  - MARTIN SANITARY SEWER DRAIN DRAINAGE DISTRICT (MSIDD)**
    - ◆ MARTIN DRAIN RETENTION TREATMENT BASIN
  - OTHER SYSTEMS**
    - ◆ PUMP STATION
    - ▼ METER
    - ★ WWTP
    - ▬ INTERCEPTOR

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



An adjourned meeting of the Intra-County Drainage Board for the **EIGHT AND ONE-HALF MILE RELIEF 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 10:02 A.M.

PRESENT:           Canice S. Miller, Chair  
  
                  Veronica Klinefelt, Member  
  
                  Bryan Santo, Member

ALSO PRESENT:   Harold Haugh, 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 Ms. Klinefelt, 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 Ms. Klinefelt 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 pump and screen project is coming to an end soon and we are getting ready to mobilize the disinfection project.

Mr. Astorino updated the board that we now have 14 sites for COVID sampling and testing. The sites have automated samplers and once the sample is collected, our staff retrieve the sample and deliver them to Oakland University to be tested.

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

Adopted:       YEAS: 3  
                  NAYS: 0

Mr. Astorino updated the board that we are in the process of renovating the Chapaton facility and have received nine bids that were under our budgeted amount. We are recommending Cross Construction for the project.

A motion was made by Ms. Klinefelt, supported by Mr. Santo to award the bid for the Chapaton Lab and Mezzanine Renovation to Cross Construction Group for \$667,777 and authorize the Board Chair to sign the contract documents.

Adopted: YEAS: 3  
NAYS: 0

The Chair presented the invoices totaling \$261,077.19 to the board for review and approval.

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

Adopted: YEAS: 3  
NAYS: 0

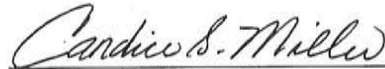
A motion to receive and file the financial report given by Mr. Manning was made by Mr. Santo and supported by Ms. Klinefelt.

Adopted: YEAS: 3  
NAYS: 0

There being no further business, it was moved by Ms. Klinefelt, supported by Mr. Santo, that the meeting of the Eight and One-Half Mile Relief Drain Board be adjourned.

Adopted: YEAS: 3  
NAYS: 0

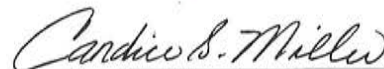
The meeting was adjourned at 10:27 a.m.



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: 8 ½ Mile Relief Drain Drainage District Board Members

From: Stephen Downing, Construction & Maintenance Manager

Date: December 1, 2020

Subject: Lawn Maintenance Contract Renewal – Marino’s Landscape

Marino’s Landscape performs lawn maintenance services for multiple entities of which the Macomb County Public Works is responsible to manage. In 2019 several Drainage District Boards and Commissioner Miller on behalf of Chapter 4 and Act 342 Drains approved entering an Agreement with Marino’s Landscape to perform the defined services for two years with the third year optional to the Owner. Marino’s Landscape was the low bidder in a competitively and publicly published Request for Quotation on MITN. A recap of the bid process is shown below for reference.

The Request for Quotation (RFQ) was published on MITN for Lawn Maintenance at locations identified in Table 3. The RFQ was posted from January 7th, 2019 to February 5th, 2019 with Fifty-One (51) contractors downloading documents during the posting period. On February 5th there were three quotations received; which are summarized in Table 1.

The contractors were directed to provide pricing to perform lawn maintenance service from May 1st through October 31st for 2019 and 2020. The 2021 season will be an Owner’s option based on performance and pricing submitted at the conclusion of the 2020 season.

Table 1 – Bid Summary

	Contractor	2019 Cost	2020 Cost
1	Marino’s Landscape	\$28,725.00	30,232.00
2	Ultimate Lawn Service	\$31,320.00	31,320.00
3	Pro-Mo Lawn & Landscape	\$79,760.00	Not Provided

The total cost allocated to the respective drainage districts in the original contract is summarized in Table 2. The contractor, Marino’s Landscape, executed a contract with each of the 10 drainage districts.

OFFICE LOCATION: 21777 Dunham Road, Clinton Township, Michigan 48036 • Phone: 586-469-5325 • Fax: 586-469-5933

MAILING ADDRESS: P. O. Box 806, Mt. Clemens, Michigan 48046-0806

ENGINEERING • Phone: 586-469-5910 • Fax: 586-469-7693 ♦ SOIL EROSION • Phone: 586-469-5327 • Fax 586-307-8264

Table 2 – Drainage District Cost Summary

No.	Drainage District	Drain Chapter	2019 Cost	2020 Cost
1	MIDDD	20	\$8,200.00	\$8,567.00
2	8 ½ Mile Relief	20	\$8,100.00	\$8,532.00
3	Martin Sanitary Diversion	20	\$675.00	\$729.00
4	SEMCWDS	342	\$1,350.00	\$1,458.00
5	Clinton River Spillway	21	\$5,200.00	\$5,460.00
6	Roseville Consolidated	20	\$975.00	\$1,027.00
7	Bridgewood	4	\$390.00	\$416.00
8	Hildebrandt	4	\$1,885.00	\$1,989.00
9	Shanahan Drain	20	\$1,235.00	\$1,300.00
10	11 ½ Mile Relief	20	\$715.00	\$754.00
<b>TOTAL</b>			<b>\$28,275.00</b>	<b>\$30,232.00</b>

Marino's Landscape have performed exceptionally and have provided services on schedule. Further, they have been flexible in several scenarios to accept additional scope based on individual site requirements or new areas of concern that arise and adjust due to other maintenance efforts within the drains. The MCPWO personnel have been completely satisfied with the customer service throughout the current contract term.

The Marino's Landscape Project Manager contacted the MCPWO in September to express the desire to extend the period of contract, offering to hold the 2020 rates for the next three years. The cost per cut, frequency of cut, season total for each site and each drainage district is illustrated in **Table 3** for the 2020 season. Marino's Landscape will hold the same pricing for the 2021, 2022 and 2023 seasons. A contract amendment will be executed to extend the term and assign the cost for three years.

The action is that the 8 ½ Mile Relief Drain Drainage District Board authorize the Board Chair to sign a contract amendment to extend the Marino's Landscape contract, the extension includes the 2021, 2022 and 2023 seasons for the lump sum cost of \$25,596 (\$8,532 Annually).

Table 3 – 2020 Cost Summary

No.	Drainage District	Name/Location	Cut	Trim	Frequency	# of Cuts	2020 Cost Per Cut	Total Cost for 2020 Season
1	Clinton River Spillway	Clinton River Spillway	Yes	No	Twice a Month	13	\$420.00	\$5,460.00
2	Roseville Consolidated	Roseville Consolidated	Yes	No	Twice a Month	13	\$79.00	\$1,027.00
3	Bridgewood	Bridgewood	Yes	Yes	Twice a Month	13	\$32.00	\$416.00
4	Hildebrandt	Hildebrandt	Yes	Yes	Twice a Month	13	\$153.00	\$1,989.00
5	MIDDD	Sewage Flow Meter Site CH-S-1	Yes	Yes	Twice a Month	13	\$28.00	\$364.00
6	MIDDD	Sewage Flow Meter Site CH-S-2	Yes	No	Twice a Month	13	\$28.00	\$364.00
7	Shanahan Drain	Shanahan Drain Property	Yes	No	Twice a Month	13	\$100.00	\$1,300.00
8	MIDDD	Bio Filter	Yes	Yes	Once a Week	27	\$47.00	\$1,269.00
9	MIDDD	Sewage Meter Facility SY-S-3	Yes	Yes	Twice a Month	13	\$28.00	\$364.00
10	MIDDD	Sewage Meter Facility ST-S-3	Yes	Yes	Twice a Month	13	\$28.00	\$364.00
11	MIDDD	North Gratiot Pump Station	Yes	Yes	Once a Week	27	\$47.00	\$1,269.00
12	MIDDD	Clintondale Pump Station	Yes	Yes	Once a Week	27	\$47.00	\$1,269.00
13	MIDDD	Sewage Flow Meter Site NH-S-1	Yes	Yes	Twice a Month	13	\$28.00	\$364.00
14	MIDDD	ARV Vaults – 23 locations	Yes	Yes	Once a Month	7	\$420.00	\$2,940.00
15	11 ½ Mile Relief	11 ½ Mile Relief Property	Yes	Yes	Twice a Month	13	\$58.00	\$754.00
16	SEMCWDS	Bon Huer Pump Station	Yes	Yes	Once a Week	27	\$27.00	\$729.00
17	SEMCWDS	Violet Pump Station	Yes	Yes	Once a Week	27	\$27.00	\$729.00
18	8 ½ Mile Relief	Chapaton Retention Treatment Basin	Yes	Yes	Once a Week	27	\$289.00	\$7,803.00
19	8 ½ Mile Relief	Vacant Lot on Gaukler Street	Yes	Yes	Once a Week	27	\$27.00	\$729.00
20	Martin Sanitary Diversion	Martin Retention Treatment Basin	Yes	Yes	Once a Week	27	\$27.00	\$729.00

Attachments: None

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EIGHT AND ONE HALF MILE RELIEF DRAIN - 11/17/20 - 12/1/20

Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance		
8 1/2 Mile Relief	Chapter 20 State of MI - 16.04% County of Macomb - 2.25% Dept. of Roads - 2.25% Eastpointe - 54.33% St. Clair Shores - 25.13%	Astorino	DIN, LLC	\$ 571.50	Invoice #5836353 - 10.23.20	Storm Sentry - 11.15.20 - 2.14.21			
		Astorino	Fishbeck	\$ 2,902.50	Invoice #396281 - 11.6.20	Chapaton Building Renovation - Design/Bidding	\$ 6.36		
		Astorino	Hubbell, Roth & Clark, Inc	\$ 22,054.10	Invoice #182979 - 10.26.20	Pump & Screen Engineering	\$20,391.11		
		Astorino	Hubbell, Roth & Clark, Inc	\$ 19,172.57	Invoice #183385 - 11.11.20	Pump & Screen Engineering	\$1,218.54		
		Downing	JF Cavanaugh	\$ 140,673.87	Invoice #WO18350 Est 4 - 11.24.20	Pump & Screen Improvements - 9.4.20 - Intermediate Pump Start Up	\$124,897.36		
		Astorino	Kennedy Industries	\$ 1,402.50	Invoice #622032 - 11.19.20	Chapaton Elevator Maintenance			
		Astorino	Lardner Elevator	\$ 1,509.48	Invoice #189562 - 10.30.20	Lawn Care October 2020			
		Astorino	Marino's Landscape	\$ 1,156.00	Invoice #12105 - 10.31.20	Interior Garage Painting			
		Astorino	TD Painting & Wallcovering	\$ 3,669.90	Invoice #3492 - 11.19.20	In-System Storage Devices	\$ 667,168.35		
		Astorino	Tetra Tech, Inc.	\$ 54,718.75	Invoice #51658188 - 10.30.20	Chapaton RTB Disinfection Improvements	\$ 79,231.93		
		Astorino	Waide Trim	\$ 6,861.98	Invoice #2019423 - 11.3.20	Disinfection Pumps			
		Astorino	Watson Marlow Inc.	\$ 8,875.00	Invoice #SII44579 - 11.10.20				
						\$ 263,568.15			

Total





Mark A. Hackel  
County Executive

# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) <b>Michelle Houvener</b>	2. PHONE # <b>95966</b>	3. DATE <b>11/3/20</b>
4. SET ID <b>VP201106MB</b>		
5. POST DATE		

6. VENDOR NAME (Check to be issued to) <b>DTN, LLC</b>	7. VENDOR NUMBER <b>V43568</b>	8. ADDR CODE <b>01</b>	9. Invoice No (MAX = 16 CHARACTERS) <b>5836353</b>	10. Invoice Date <b>10/23/2020</b>	11. Invoice Amount <b>1,524.00</b>
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PARENT RECORD INFORMATION										
CHILD RECORD DETAIL INFORMATION										
Line	General Ledger		Job Ledger		16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object						
A	8200166M	92113	CC0018	92113	WO18300	MIDDD	Acct#0322513, 11/15/20-2/14/21	\$ 762.00	GEN	
B	8200017M	92113	CC0004	92113	WO18006	8 1/2 Mile Relief	Acct#0322513, 11/15/20-2/14/21	\$ 571.50	GEN	0
C	8200072M	92113				Martin	Acct#0322513, 11/15/20-2/14/21	\$ 114.30	GEN	0
D	8703018M	92113			WO18218	SEMCWWDS (BH)	Acct#0322513, 11/15/20-2/14/21	\$ 38.10	GEN	0
E	8703018M	92113			WO18219	SEMCWWDS (V)	Acct#0322513, 11/15/20-2/14/21	\$ 38.10	GEN	0
F										
G										

23. Total: \$ **1,524.00**

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:  
**Storm Sentry**

25. Finance Officer:	<b>BM/mh</b>	30. Drain:	<b>Multiple</b>
26. Chief Deputy:		31. Project Balance:	<b>N/A</b>
27. Engineers:		32. Staff Date:	<b>11/17/2020</b>
28. Managers:		33. Board Date:	<b>12/14/2020</b>
29. Coordinator:		34. Select For Pay Date:	



Account No.	Invoice No.	Invoice Date
0322513	5836353	23-Oct-2020

BETZ, JOSEPH  
 MACOMB COUNTY OPW  
 21777 DUNHAM  
 CLINTON TOWNSHIP, MI 48036

**DTN Did you know?** DTN fully understands the gravity of the situation our world currently faces. We are doing all we can to ensure our business operations are fully functional to continue to help you-our customers-to be serviced in the great manner you expect from DTN. If you have any questions, you're encouraged to contact your Customer Success Manager and look at [www.dtn.com](http://www.dtn.com) for additional resources.

<b>New Charges</b>	<b>\$ 1,524.00</b>
Late Fees	\$ 0.00
<b>Total Due</b>	<b>\$ 1,524.00</b>

Please send your payment 7-10 days before the due date to allow time for payment processing. To ensure proper payment posting, detach and return lower portion with your payment.

### Customer Service

Billing Customer Service:

888-826-4282, [weatherbilling@dtn.com](mailto:weatherbilling@dtn.com)

Technical Support:

800-485-4000

Postal Correspondence:

DTN

9110 W Dodge Rd Ste 100

Omaha, NE 68114-3334

Be sure to include your name, telephone number and DTN account number whenever you contact us.

### Pay My Bill

**Online:** Visit [myaccount.dtn.com](http://myaccount.dtn.com) to submit payments or update your contact information 24 hours a day.

**By Mail:** Send your check and payment slip to the address on payment slip below.

**By Phone:** Call billing customer service at the number provided to pay by credit card or make changes to your account MONDAY THROUGH FRIDAY 7:00AM TO 5:00PM (CST).

Detach and return this payment slip with your check payable to DTN

TI201023.001-311-000000250



DTN, LLC  
 9110 W Dodge Rd Ste 100  
 Omaha, NE 68114-3334

#BWNCKR  
 0322513

000156 000000250



BETZ, JOSEPH  
 MACOMB COUNTY OPW  
 21777 DUNHAM RD  
 CLINTON TOWNSHIP MI 48036-1005

Account No.	Invoice No.	Due Date
0322513	5836353	13-Nov-2020
		Amount Due \$ 1,524.00
Payment enclosed		



DTN, LLC  
 26385 NETWORK PLACE  
 CHICAGO, IL 60673-1263

10000000058363530000000003225132 00000152400

**Account Status**

New Invoice	Due Date	Balance	Total
5836353	13-Nov-2020	\$ 1,524.00	
			<b>\$ 1,524.00</b>
<b>TOTAL DUE</b>			<b>\$ 1,524.00</b>

**New Charges**

Detailed Charges

Customer: MACOMB COUNTY OPW, CLINTON TOWNSHIP, MI  
 Account Number: 0322513 UserID: MACOMB  
 Email: JOSEPH.BETZ@MACOMBGOV.ORG  
 Service Period  
 11/15/20-02/14/21 WxSentry Trans Online-Platinum \$ 954.00  
**SUBTOTAL \$ 954.00**

Customer: MACOMB COUNTY OPW, CLINTON TOWNSHIP, MI  
 Account Number: 0322513 UserID: MACOMB2  
 Email: JOSEPH.BETZ@MACOMBGOV.ORG  
 Service Period  
 11/15/20-02/14/21 WxSentry Transp Online-Std \$ 120.00  
**SUBTOTAL \$ 120.00**

Customer: MACOMB COUNTY OPW, CLINTON TOWNSHIP, MI  
 Account Number: 0322513 UserID: MACOMB3  
 Email: JOSEPH.BETZ@MACOMBGOV.ORG  
 Service Period  
 11/15/20-02/14/21 WxSentry Transp Online-Std \$ 150.00  
**SUBTOTAL \$ 150.00**

Customer: MACOMB COUNTY OPW, CLINTON TOWNSHIP, MI

**Subject to DTN Terms and Conditions**  
 Customer's acceptance and activation of the DTN goods or services constitutes express acceptance of the Terms and Conditions, a copy of which was provided to Customer upon inception of the service. Any other terms and conditions presented by the Customer, contrary to those provided DTN, do not apply. Canceling service will result in the billing for the duration of the then-current term under the DTN Subscription Agreement.

**Services Provided By:**  
 DTN, LLC  
 Omaha, NE 68114-3334  
 Tax ID (EIN) - 20-5551424  
 GST: 83187 6255 RT0001

**PST**  
 QC: 1216123332  
 SK: 2446102  
 MB: 087446-1  
 BC: PST-1000-7804

**Payment Information**  
 If payment is not received by the due date, late fees and/or collection charges may be assessed. Customer understands that DTN may reduce or disconnect services offered to Customer for non-payment of any charges due. Customer agrees that DTN may charge a reconnection fee in the event that service is disconnected for nonpayment. A \$25.00 USD fee will be assessed for all returned checks. For your convenience, DTN accepts the following credit cards: Master Card, VISA, Discover, and American Express.

TI201023.001-312-00000250

**Weather Did you know?** Worldwide, weather poses serious threats and challenges for a number of industries. Our leading decision support tools and forecast insights help ensure safe, efficient operations. In a time of increasing weather volatility, managing weather risk is becoming an even more important. From Aviation to Marine to Energy and Sports and Outdoor events our solutions and meteorologists are dedicated to your needs. Find out more about our DTN weather solutions at [www.dtn.com](http://www.dtn.com)

**Electronic Payment Information:**  
 Must reference DTN Account No. and Invoice No.

**Banking Details: Remit in USD**  
 DTN, LLC  
 Account No.: 464642771  
 (ACH) - ABA (Routing)#: 07100013  
 (Wire) - ABA (Routing)#: 02100021  
 SWIFT ID: CHASUS33

**Bank Address:**  
 (ACH) - JPMorgan Chase, Chicago, IL  
 (Wire) - JPMorgan Chase, New York, NY

Account Number: 0322513 UserID: MACOMB4

Email: JOSEPH.BETZ@MACOMBGOV.ORG

Service Period

11/15/20-02/14/21 WxSentry Transp Online-Std \$ 150.00

**SUBTOTAL \$ 150.00**

Customer: MACOMB COUNTY OPW, CLINTON TOWNSHIP, MI

Account Number: 0322513 UserID: MACOMB5

Email: JOSEPH.BETZ@MACOMBGOV.ORG

Service Period

11/15/20-02/14/21 WxSentry Transp Online-Std \$ 150.00

**SUBTOTAL \$ 150.00**

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**Total New Charges \$ 1,524.00**





Mark A. Hackel  
County Executive

# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) <b>Michelle Houvener</b>	2. PHONE # <b>95966</b>	3. DATE <b>11/12/20</b>
4. SET ID <b>VP20112MA</b>		
5. POST DATE		

6. VENDOR NAME (Check to be Issued to) <b>Fishbeck</b>		7. VENDOR NUMBER <b>V44063</b>	8. ADDR CODE <b>01</b>	9. Invoice No (MAX = 16 CHARACTERS) <b>396281</b>	10. Invoice Date <b>11/6/2020</b>	11. Invoice Amount <b>2,902.50</b>
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PARENT RECORD INFORMATION				CHILD RECORD DETAIL INFORMATION					
General Ledger		Job Ledger		OPTIONAL					
12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC
A	8200017M	80138	80138	WO19082	8 1/2 Mile Relief	Pjt #191498 thru 10/30/20	\$ 2,902.50	GEN	
B									
C									
D									
E									
F									
G									

23. Total: \$ **2,902.50** REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:  
**Chapaton Building Renovation**

25. Finance Officer:	<b>BM/mh</b>	30. Drain:	<b>8 1/2 Mile Relief</b>
26. Chief Deputy:		31. Project Balance:	<b>\$6.36</b>
27. Engineers:		32. Staff Date:	<b>11/17/2020</b>
28. Managers:		33. Board Date:	<b>12/14/2020</b>
29. Coordinator:		34. Select For Pay Date:	



**Payment Options**

Remit Wire/ACH payments to Acct: 100094457      ABA: 072413829  
 Remit checks to: 1515 Arboretum Drive, SE, Grand Rapids, Michigan 49546  
 Remittance Advice: accounts.receivable@fishbeck.com  
 616.575.3824  
 Federal I.D. No. 38-1841857 | Incorporated

**Attention:** Mr Vincent Astorino  
**Macomb County Public Works Commissioner**  
 21777 Dunham Road  
 Clinton Township, MI 48036  
 United States

**Invoice :** 396281  
**Invoice Date :** 11/6/2020  
**Project :** 191498  
**Project Name :** Macomb Co PW/Chapaton Bldg  
 Renovation  
**Bill Term :** 1

---

**For Professional Services Rendered Through 10/30/2020**

WO19082    WWS-2019-016

Fee	% Complete	Billings		
		To Date	Previous	Current
86,000.00	99.99	85,993.67	83,091.17	2,902.50
				<b>Current Billings</b> 2,902.50
				<b>Amount Due This Bill</b> 2,902.50

**Rate Labor**

<i>Class</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
Clerical/Production Support	4.50	70.0000	315.00
Engineer	11.00	130.0000	1,430.00
Production Support	1.00	70.0000	70.00
Senior Architect	1.50	184.0000	276.00
	1.50	155.0000	232.50
<b>Total Senior Architect</b>	3.00		508.50
Senior Engineer	2.00	184.0000	368.00
	1.00	164.0000	164.00
<b>Total Senior Engineer</b>	3.00		532.00
Technician	0.50	94.0000	47.00
<b>Total Rate Labor</b>			<b>2,902.50</b>
<b>Total Bill Task: 191498 - Macomb Co PW/Chapaton Bldg Renovation</b>			<b>2,902.50</b>

**Total Project: 191498 - Macomb Co PW/Chapaton Bldg Renovation**

**2,902.50**



Mark A. Hackel  
County Executive

# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) <b>Michelle Houvener</b>	2. PHONE # <b>95966</b>	3. DATE <b>9/30/20</b>
4. SET ID <b>Vp201119MA</b>	5. POST DATE	

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to) <b>Hubbell, Roth &amp; Clark, Inc</b>	7. VENDOR NUMBER <b>V09517</b>	8. ADDR CODE <b>01</b>	9. Invoice No (MAX = 16 CHARACTERS) <b>182979</b>	10. Invoice Date <b>10/26/2020</b>	11. Invoice Amount <b>\$ 22,054.10</b>

CHILD RECORD DETAIL INFORMATION											
12. Org Key	13. Object	14. Job Ledger		15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
		Cost Center (CCNT)	Job Ledger								
A	8210017M	80138	CC0004	80138	WO18350	8 1/2 Mile Relief	Pjt#20180363.13, through 10/3/20	\$ 22,054.10	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ **22,054.10**

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:  
Chapaton Dry Weather and Pump Screen Improvements

25. Finance Officer: \_\_\_\_\_

26. Chief Deputy: \_\_\_\_\_

27. Engineers: \_\_\_\_\_

28. Managers: \_\_\_\_\_

29. Coordinator: \_\_\_\_\_

30. Drain: **8 1/2 Mile Relief**

31. Project Balance: **\$20,391.11**

32. Staff Date: **12/1/2020**

33. Board Date: **12/14/2020**

34. Select For Pay Date: \_\_\_\_\_



**MACOMB COUNTY PUBLIC WORKS OFFICE  
ENGINEERING INVOICE COVER SHEET**

<b>WORK ORDER NUMBER</b>	18350
<b>PROJECT NUMBER</b>	MCPWO-WWS-2018-RFP-008
<b>PROJECT NAME</b>	Chapaton Dry Weather Pump and Screen Improvements
<b>DRAINAGE DISTRICT</b>	Eight and One-Half Mile Relief Drain
<b>CONSULTANT NAME</b>	Hubbell, Roth & Clark, Inc
<b>INVOICE DATE</b>	10/26/2020
<b>INVOICE START DATE</b>	9/6/2020
<b>INVOICE END DATE</b>	10/3/2020
<b>ORIGINAL CONTRACT AMOUNT</b>	\$ 110,908.00
<b>CHANGE ORDER TOTAL</b>	\$ 97,860.00
Change Order No. 1	
Change Order No. 2	
Change Order No. 3	
Change Order No. 4	
<b>TOTAL REVISED CONTRACT AMOUNT</b>	\$ 208,768.00
(includes all approved change orders only)	
<b>TOTAL AMOUNT PREVIOUSLY INVOICED</b>	\$ 166,322.79
<b>TOTAL AMOUNT DUE THIS INVOICE</b>	\$ 22,054.10
<b>TOTAL BUDGET REMAINING</b>	\$ 20,391.11
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)	



**HUBBELL, ROTH & CLARK, INC.**  
**CONSULTING ENGINEERS**  
**PO BOX 824**  
**BLOOMFIELD HILLS, MICHIGAN 48303-0824**  
**(248) 454-6300**

October 26, 2020  
 Project No: 20180363.13  
 Invoice No: 0182979

MACOMB COUNTY PUBLIC WORKS  
 21777 DUNHAM ROAD  
 CLINTON TOWNSHIP, MI 48036

WO 18350  
 CHAPATON DRY WEATHER PUMP AND SCREEN IMPROVEMENTS

PROJECT 20180363.13  
 CONSTRUCTION ADMINISTRATION  
Professional Services for period ending October 3, 2020

**Professional Personnel**

	Hours	Amount	
Totals	24.90	3,528.54	
<b>Total Labor</b>			<b>3,528.54</b>
<b>Total this Project</b>			<b>\$3,528.54</b>

PROJECT 20180363.12  
 SHOP DRAWINGS

**Professional Personnel**

	Hours	Amount	
Totals	1.00	148.50	
<b>Total Labor</b>			<b>148.50</b>
<b>Total this Project</b>			<b>\$148.50</b>

PROJECT 20180363.17  
 PERIODIC INSPECTION

**Professional Personnel**

	Hours	Amount	
Totals	47.00	5,291.79	
<b>Total Labor</b>			<b>5,291.79</b>
<b>Total this Project</b>			<b>\$5,291.79</b>

PROJECT 20180363.18  
 RESIDENT ENGINEERING

**Professional Personnel**

	Hours	Amount	
Totals	128.50	13,085.27	
<b>Total Labor</b>			<b>13,085.27</b>
<b>Total this Project</b>			<b>\$13,085.27</b>

Billing Limits	Current	Prior	To-Date	
Total Billings	22,054.10	55,414.79	77,468.89	
Limit			97,860.00	
Remaining			20,391.11	
<b>Total Due this Invoice</b>			<b>\$22,054.10</b>	

# Billing Backup

Monday, October 26, 2020

HUBBELL, ROTH & CLARK, INC.

Invoice 0182979 Dated 10/26/2020

2:39:08 PM

## Professional Personnel

			Hours		Amount
01773	CRIST, CHRISTA	9/19/2020	1.00	125.67	125.66
01773	CRIST, CHRISTA	9/19/2020	1.00	125.67	125.67
01773	CRIST, CHRISTA	9/19/2020	1.50	125.67	188.51
01773	CRIST, CHRISTA	9/19/2020	.50	125.67	62.84
01773	CRIST, CHRISTA	10/3/2020	1.00	136.74	136.74
01773	CRIST, CHRISTA	10/3/2020	.50	136.74	68.37
01773	CRIST, CHRISTA	10/3/2020	1.50	136.74	205.11
01942	KALFAYAN, HEATHER	10/3/2020	.40	52.05	20.82
02275	ROSKELLEY, MICHAEL	10/3/2020	.50	114.00	57.00
02416	SCHOONVELD, KRISTA	10/3/2020	.50	103.14	51.57
02270	URANGA, AARON	9/19/2020	1.00	148.50	148.50
02270	URANGA, AARON	9/19/2020	1.50	148.50	222.75
02270	URANGA, AARON	10/3/2020	1.50	148.50	222.75
02270	URANGA, AARON	10/3/2020	4.00	148.50	594.00
02270	URANGA, AARON	10/3/2020	2.50	148.50	371.25
02270	URANGA, AARON	10/3/2020	2.00	148.50	297.00
02270	URANGA, AARON	10/3/2020	3.00	148.50	445.50
01586	VANDECREEK, JESSE	10/3/2020	1.00	184.50	184.50
	Totals		24.90		3,528.54
	<b>Total Labor</b>				<b>3,528.54</b>
				<b>Total this Project</b>	<b>\$3,528.54</b>

## Professional Personnel

			Hours		Amount
02270	URANGA, AARON	10/3/2020	1.00	148.50	148.50
	Totals		1.00		148.50
	<b>Total Labor</b>				<b>148.50</b>
				<b>Total this Project</b>	<b>\$148.50</b>

## Professional Personnel

			Hours		Amount
02049	OJALA, SCOTT	10/3/2020	12.00	100.41	1,204.92
02049	OJALA, SCOTT	10/3/2020	11.00	100.41	1,104.51
01339	PENNYCOOK, WILLIAM	10/3/2020	2.00	139.68	279.36
02464	SARNOWSKY, ALEXIA	10/3/2020	5.00	67.41	337.04
02464	SARNOWSKY, ALEXIA	10/3/2020	.50	67.41	33.71
02464	SARNOWSKY, ALEXIA	10/3/2020	.50	67.41	33.71
02270	URANGA, AARON	10/3/2020	14.00	148.50	2,079.00
02155	WALSH, SEAN	10/3/2020	2.00	109.77	219.54
	Totals		47.00		5,291.79
	<b>Total Labor</b>				<b>5,291.79</b>

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Project	20180363.13	CONTRACT ADMIN CHAPATON DRY WEATHER PUMP	Invoice	0182979
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<b>Total this Project</b>	<b>\$5,291.79</b>
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**Professional Personnel**

			<b>Hours</b>		<b>Amount</b>	
02295	JARINSKI, JEREMY	9/19/2020	72.00	101.91	7,337.52	
02295	JARINSKI, JEREMY	10/3/2020	56.50	101.73	5,747.75	
	Totals		128.50		13,085.27	
	<b>Total Labor</b>					<b>13,085.27</b>

<b>Total this Project</b>	<b>\$13,085.27</b>
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<b>Total this Report</b>	<b>\$22,054.10</b>
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# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST  
PUBLIC WORKS DIVISION

Mark A. Hackel  
County Executive

1. PREPARED BY (Please Type) <b>Michelle Houvener</b>	2. PHONE # <b>95966</b>	3. DATE <b>11/17/20</b>
4. SET ID <b>VP20119AMB</b>		5. POST DATE

<b>PARENT RECORD INFORMATION</b>			
6. VENDOR NAME (Check to be issued to) <b>Hubbell, Roth &amp; Clark, Inc</b>	7. VENDOR NUMBER <b>V09517</b>	8. ADDR CODE <b>01</b>	9. Invoice No (MAX = 16 CHARACTERS) <b>183385</b>
		10. Invoice Date <b>11/11/2020</b>	11. Invoice Amount <b>\$ 19,172.57</b>

CHILD RECORD DETAIL INFORMATION						
General Ledger	Job Ledger	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC
12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	22. Sep CK
A	8200017M	80138	80138	WO18350	8 1/2 Mile Relief	
B						
C						
D						
E						
F						
G						
				<b>23. Total: \$</b>	<b>19,172.57</b>	

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:  
Chapaton Dry Weather and Pump Screen Improvements

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	\$1,218.54
27. Engineers:		32. Staff Date:	12/1/2020
28. Managers:		33. Board Date:	12/14/2020
29. Coordinator:		34. Select For Pay Date:	

**MACOMB COUNTY PUBLIC WORKS OFFICE  
ENGINEERING INVOICE COVER SHEET**

<b>WORK ORDER NUMBER</b>	18350
<b>PROJECT NUMBER</b>	MCPWO-WWS-2018-RFP-008
<b>PROJECT NAME</b>	Chapaton Dry Weather Pump and Screen Improvements
<b>DRAINAGE DISTRICT</b>	Eight and One-Half Mile Relief Drain
<b>CONSULTANT NAME</b>	Hubbell, Roth & Clark, Inc
<b>INVOICE DATE</b>	11/11/2020
<b>INVOICE START DATE</b>	10/4/2020
<b>INVOICE END DATE</b>	10/31/2020
<b>ORIGINAL CONTRACT AMOUNT</b>	\$ 110,908.00
<b>CHANGE ORDER TOTAL</b>	\$ 97,860.00
Change Order No. 1	
Change Order No. 2	
Change Order No. 3	
Change Order No. 4	
<b>TOTAL REVISED CONTRACT AMOUNT</b>	\$ 208,768.00
(includes all approved change orders only)	
<b>TOTAL AMOUNT PREVIOUSLY INVOICED</b>	\$ 188,376.89
<b>TOTAL AMOUNT DUE THIS INVOICE</b>	\$ 19,172.57
<b>TOTAL BUDGET REMAINING</b>	\$ 1,218.54
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)	



HUBBELL, ROTH & CLARK, INC.  
CONSULTING ENGINEERS  
PO BOX 824  
BLOOMFIELD HILLS, MICHIGAN 48303-0824  
(248) 454-6300

November 11, 2020  
Project No: 20180363.13  
Invoice No: 0183385

MACOMB COUNTY PUBLIC WORKS  
21777 DUNHAM ROAD  
CLINTON TOWNSHIP, MI 48036

WO 18350  
CHAPATON DRY WEATHER PUMP AND SCREEN IMPROVEMENTS

PROJECT 20180363.13  
CONSTRUCTION ADMINISTRATION  
Professional Services for period ending October 31, 2020

**Professional Personnel**

	Hours	Amount	
Totals	23.90	3,533.13	
Total Labor			3,533.13
			<b>Total this Project</b>
			<b>\$3,533.13</b>

PROJECT 20180363.12  
SHOP DRAWINGS  
**Professional Personnel**

	Hours	Amount	
Totals	12.00	1,698.44	
Total Labor			1,698.44
			<b>Total this Project</b>
			<b>\$1,698.44</b>

PROJECT 20180363.17  
PERIODIC INSPECTION  
**Professional Personnel**

	Hours	Amount	
Totals	11.40	1,083.12	
Total Labor			1,083.12
			<b>Total this Project</b>
			<b>\$1,083.12</b>

PROJECT 20180363.18  
RESIDENT ENGINEERING  
**Professional Personnel**

	Hours	Amount	
Totals	116.00	12,317.88	
Total Labor			12,317.88
			<b>Total this Project</b>
			<b>\$12,317.88</b>

PROJECT 20180363.22  
CHANGES IN WORK  
**Professional Personnel**

	Hours	Amount	
Totals	3.00	540.00	
Total Labor			540.00

(Continued on Next Page)

Project	20180363.13	CONTRACT ADMIN CHAPATON DRY WEATHER PUMP	Invoice	0183385
			<b>Total this Project</b>	<b>\$540.00</b>

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>	
Total Billings	19,172.57	77,468.89	96,641.46	
Limit			97,860.00	
Remaining			1,218.54	
			<b>Total Due this Invoice</b>	<b>\$19,172.57</b>



# Billing Backup

Wednesday, November 11, 2020

HUBBELL, ROTH & CLARK, INC.

Invoice 0183385 Dated 11/11/2020

12:33:24 PM

## Professional Personnel

			Hours		Amount
01942	KALFAYAN, HEATHER	10/17/2020	.30	50.70	15.21
01942	KALFAYAN, HEATHER	10/17/2020	.60	50.70	30.42
02270	URANGA, AARON	10/17/2020	2.50	148.50	371.25
02270	URANGA, AARON	10/17/2020	3.00	148.50	445.50
02270	URANGA, AARON	10/17/2020	1.00	148.50	148.50
02270	URANGA, AARON	10/17/2020	3.00	148.50	445.50
02270	URANGA, AARON	10/17/2020	1.00	148.50	148.50
02270	URANGA, AARON	10/31/2020	1.00	148.50	148.50
02270	URANGA, AARON	10/31/2020	1.00	148.50	148.50
02270	URANGA, AARON	10/31/2020	1.50	148.50	222.75
02270	URANGA, AARON	10/31/2020	2.00	148.50	297.00
02270	URANGA, AARON	10/31/2020	1.00	148.50	148.50
02270	URANGA, AARON	10/31/2020	1.50	148.50	222.75
02270	URANGA, AARON	10/31/2020	2.50	148.50	371.25
01586	VANDECREEK, JESSE	10/17/2020	1.00	184.50	184.50
01586	VANDECREEK, JESSE	10/31/2020	1.00	184.50	184.50
Totals			23.90		3,533.13
<b>Total Labor</b>					<b>3,533.13</b>
<b>Total this Project</b>					<b>\$3,533.13</b>

## Professional Personnel

			Hours		Amount
01773	CRIST, CHRISTA	10/17/2020	.50	127.32	63.66
01773	CRIST, CHRISTA	10/31/2020	1.00	127.65	127.64
01773	CRIST, CHRISTA	10/31/2020	1.50	127.65	191.48
01773	CRIST, CHRISTA	10/31/2020	.50	127.65	63.83
01773	CRIST, CHRISTA	10/31/2020	.50	127.65	63.83
02270	URANGA, AARON	10/17/2020	1.50	148.50	222.75
02270	URANGA, AARON	10/17/2020	.50	148.50	74.25
02270	URANGA, AARON	10/17/2020	2.00	148.50	297.00
02270	URANGA, AARON	10/17/2020	1.00	148.50	148.50
02270	URANGA, AARON	10/17/2020	.50	148.50	74.25
02270	URANGA, AARON	10/31/2020	2.00	148.50	297.00
02270	URANGA, AARON	10/31/2020	.50	148.50	74.25
Totals			12.00		1,698.44
<b>Total Labor</b>					<b>1,698.44</b>
<b>Total this Project</b>					<b>\$1,698.44</b>

## Professional Personnel

			Hours		Amount
01942	KALFAYAN, HEATHER	10/31/2020	.70	50.70	35.49
02049	OJALA, SCOTT	10/17/2020	8.00	102.54	820.32
01339	PENNYCOOK, WILLIAM	10/17/2020	1.00	133.38	133.38
02466	SCHMIDT, CRISTOPHER	10/17/2020	.60	55.77	33.46

Project	20180363.13	CONTRACT ADMIN CHAPATON DRY WEATHER PUMP			Invoice	0183385
02466	SCHMIDT, CRISTOPHER	10/17/2020	.50	55.77	27.89	
02466	SCHMIDT, CRISTOPHER	10/31/2020	.60	54.30	32.58	
	Totals		11.40		1,083.12	
	<b>Total Labor</b>					<b>1,083.12</b>
				<b>Total this Project</b>		<b>\$1,083.12</b>

**Professional Personnel**

			<b>Hours</b>		<b>Amount</b>	
02295	JARINSKI, JEREMY	10/17/2020	34.00	104.97	3,568.98	
02295	JARINSKI, JEREMY	10/17/2020	6.00	104.97	629.82	
02295	JARINSKI, JEREMY	10/31/2020	76.00	106.83	8,119.08	
	Totals		116.00		12,317.88	
	<b>Total Labor</b>					<b>12,317.88</b>
				<b>Total this Project</b>		<b>\$12,317.88</b>

**Professional Personnel**

			<b>Hours</b>		<b>Amount</b>	
02584	GUEST, NEIL	10/17/2020	3.00	180.00	540.00	
	Totals		3.00		540.00	
	<b>Total Labor</b>					<b>540.00</b>
				<b>Total this Project</b>		<b>\$540.00</b>
				<b>Total this Report</b>		<b>\$19,172.57</b>



Mark A. Hackel  
County Executive

# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) <b>Michelle Houvener</b>	2. PHONE # <b>95966</b>	3. DATE <b>12/2/20</b>
4. SET ID	5. POST DATE	

6. VENDOR NAME (Check to be issued to) <b>JF. Cavanaugh</b>	7. VENDOR NUMBER <b>V67460</b>	8. ADDR CODE <b>01</b>	9. Invoice No (MAX = 16 CHARACTERS) <b>WO18350 Est 4</b>	10. Invoice Date <b>11/24/2020</b>	11. Invoice Amount <b>\$ 140,673.87</b>
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CHILD RECORD DETAIL INFORMATION										
Line	General Ledger			Job Ledger		OPTIONAL		19. Amount	20. DIV	21. MISC
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	15. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)			
A	8200017M	80126	CC0004	80126	WO18350	8 1/2 Mile Relief	Pump & Screen Imprvmts - 9/4-10/30	\$ 134,429.00	GEN	
B	8200017M	21100	CC0004	21100	WO18350	8 1/2 Mile Relief	Pump & Screen Imprvmts - 9/4-10/30	\$ 6,244.87	GEN	0
C										
D										
E										
F										
G										

REV 08/2018

23. Total: \$ 140,673.87

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:  
**Total retainage to date \$47,068.73**

25. Finance Officer:	BM/rmh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	\$124,897.36 Includes \$47,068.73 Retained)
27. Engineers:		32. Staff Date:	12/1/2020
28. Managers:		33. Board Date:	12/14/2020
29. Coordinator:		34. Select For Pay Date:	

**Contractor's Application for Payment**

<b>Owner:</b> <u>8 1/2 Mile Relief Drain Drainage District</u>	<b>Owner's Project No.:</b> <u>WWS-2019-022</u>
<b>Engineer:</b> <u>HRC</u>	<b>Engineer's Project No.:</b> <u>20180363</u>
<b>Contractor:</b> <u>J.F. Cavanaugh</u>	<b>Contractor's Project No.:</b> <u>-</u>
<b>Project:</b> <u>Chapaton Pump and Screen Improvements</u>	
<b>Contract:</b> _____	
<b>Application No.:</b> <u>4</u>	<b>Application Date:</b> <u>11/24/2020</u>
<b>Application Period:</b> <u>From</u> <u>9/4/2020</u> <u>to</u> <u>10/30/2020</u>	

1. Original Contract Price	\$	1,162,472.00
2. Net change by Change Orders	\$	(96,200.00)
3. Current Contract Price (Line 1 + Line 2)	\$	1,066,272.00
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$	941,374.64
5. Retainage		
a. <u>5%</u> X <u>\$ 941,374.64</u> Work Completed	\$	47,068.73
b. _____ X <u>\$ -</u> Stored Materials	\$	-
c. Total Retainage (Line 5.a + Line 5.b)	\$	47,068.73
6. Amount eligible to date (Line 4 - Line 5.c)	\$	894,305.91
7. Less previous payments (Line 6 from prior application)	\$	753,632.04
8. Amount due this application	\$	140,673.87
9. Balance to finish, including retainage (Line 3 - Line 4)	\$	124,897.36

**Contractor's Certification**

The undersigned Contractor certifies, to the best of its knowledge, the following:

- (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
- (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such liens, security interest, or encumbrances); and
- (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

**Contractor:** J.F. Cavanaugh

**Signature:** Brian Pass **Date:** 11/10/2020

**Recommended by Engineer**

**By:** Aaron Uranga

**Title:** Associate

**Date:** 11/10/2020

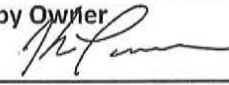
**Approved by Funding Agency**

**By:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Approved by Owner**

**By:** 

**Title:** Construction Engineer

**Date:** 11-25-2020

**By:** 

**Title:** Construction & Maintenance Manager

**Date:** 11/30/2020

**Progress Estimate - Unit Price Work**

Owner: 8 1/2 Mile Relief Drain Drainage District  
 Engineer: HRC  
 Contractor: J.F. Cavanaugh  
 Project: Chapaton Pump and Screen Improvements  
 Contract:

**Contractor's Application for Payment**

Owner's Project No.: WWS-2019-022  
 Engineer's Project No.: 20180363  
 Contractor's Project No.:

A Bid Item No.	B Description	C Item Quantity		D Contract Information		E Unit Price (\$)	F Value of Bid Item (C X E) (\$)	G Work Completed Estimated Quantity Incorporated in the Work	H Value of Work Completed to Date (E X G) (\$)	I Materials Currently Stored (not in G) (\$)	J Work Completed and Materials Stored to Date (H + I) (\$)	K % of Value of Item (J / F) (%)	L Balance to Finish (F - J) (\$)
		From	To	From	To								
Application No.: 4 Application Period: 09/04/20 to 10/30/20 Application Date: 11/24/20													
Original Contract													
1	Bonds, Insurance and Mobilization (10% Max)	1	LS			\$ 60,500.00	60,500.00	1.00	60,500.00	-	60,500.00	100%	-
2	Pre-Construction Audio-Visual	1	LS			\$ 2,500.00	2,500.00	1.00	2,500.00	-	2,500.00	100%	-
3	Flow Diversion During Construction Complete - South Side	1	LS			\$ 10,650.00	10,650.00	1.00	10,650.00	-	10,650.00	100%	-
4	Flow Diversion During Construction Complete - North Side	1	LS			\$ 10,650.00	10,650.00	1.00	10,650.00	-	10,650.00	100%	-
5	New Stop Logs, Guides and Related Structural Improvements	1	LS			\$ 49,950.00	49,950.00	1.00	49,950.00	-	49,950.00	100%	-
6	New Stop Logs, Guides and Related Structural Improvements	1	LS			\$ 86,250.00	86,250.00	1.00	86,250.00	-	86,250.00	100%	-
7	Remove Existing Bar Rack and Install New - South Side	1	LS			\$ 158,620.00	158,620.00	1.00	158,620.00	-	158,620.00	100%	-
8	Remove Existing Bar Rack and Install New - North Side	1	LS			\$ 158,620.00	158,620.00	1.00	158,620.00	-	158,620.00	100%	-
9	Access Hatch Revisions in Screen Room	1	LS			\$ 89,433.00	89,433.00	1.00	89,433.00	-	89,433.00	100%	-
10	Guardrail Revision in Screen Room	1	LS			\$ 16,638.00	16,638.00	1.00	16,638.00	-	16,638.00	100%	-
11	I&C Upgrades in Screen Room	1	LS			\$ 12,618.00	12,618.00	0.78	9,850.00	-	9,850.00	78%	2,768.00
12	Core Through Wet Well Wall	1	LS			\$ 3,960.00	3,960.00	1.00	3,960.00	-	3,960.00	100%	-
13	Concrete Collar in Wet Well	1	LS			\$ 13,712.00	13,712.00	1.00	13,712.00	-	13,712.00	100%	-
14	Through Wall Pipe Penetration	1	LS			\$ 6,209.00	6,209.00	1.00	6,209.00	-	6,209.00	100%	-
15	North Dry Well Demolition Work	1	LS			\$ 24,863.00	24,863.00	1.00	24,863.00	-	24,863.00	100%	-
16	Install new Owner Furnished Pump	1	LS			\$ 9,843.00	9,843.00	0.45	4,420.00	-	4,420.00	45%	5,423.00
17	Electrical Upgrades for Added Pump	1	LS			\$ 46,247.00	46,247.00	0.87	40,400.00	-	40,400.00	87%	5,847.00
18	New Concrete Pump Bases	2	EA			\$ 6,953.00	13,906.00	2.00	13,906.00	-	13,906.00	100%	-
19	Reconfigure Existing Pump	1	LS			\$ 5,200.00	5,200.00	0.77	4,000.00	-	4,000.00	77%	1,200.00
20	New Piping, valves and fittings in Wet Well	1	LS			\$ 212,044.00	212,044.00	0.90	190,848.64	-	190,848.64	90%	21,195.36
21	Pressure gauges and assemblies	4	EA			\$ 660.00	2,640.00	2.00	1,320.00	-	1,320.00	50%	1,320.00
22	Jib Crane Addition in North Dry Well	1	LS			\$ 29,355.00	29,355.00	1.00	29,355.00	-	29,355.00	100%	-
23	Electrical Upgrade for Jib Crane	1	LS			\$ 3,966.00	3,966.00	1.00	3,966.00	-	3,966.00	100%	-
24	Access Stairway	1	LS			\$ 48,204.00	48,204.00	0.18	8,568.00	-	8,568.00	18%	39,636.00
25	Access Platform Revisions	1	LS			\$ 11,330.00	11,330.00	1.00	11,330.00	-	11,330.00	100%	-
26	New Pressure Manholes at Elevation 551 - Complete	4	EA			\$ 8,135.00	32,540.00	3.20	26,032.00	-	26,032.00	80%	6,508.00
27	Core Infill at Elevation 551	1	LS			\$ 1,030.00	1,030.00	1.00	1,030.00	-	1,030.00	100%	-
28	Core at Patch Repair Type 1	28	EA			\$ 200.00	5,600.00	-	-	-	-	0%	5,600.00
29	Pressure Injection of Cracks Type 2A (Non-Weeping)	150	LF			\$ 50.00	7,500.00	-	-	-	-	0%	7,500.00
30	Pressure Injection of Cracks Type 2B (Weeping)	50	LF			\$ 50.00	2,500.00	-	-	-	-	0%	2,500.00
31	Concrete Surface Repair Type 3 - Up to 1" Depth	16	SF			\$ 400.00	6,400.00	-	-	-	-	0%	6,400.00
32	Concrete Surface Repair Type 3 - 1" to 3" Depth	10	SF			\$ 400.00	4,000.00	-	-	-	-	0%	4,000.00
33	Concrete Surface Repair Type 3 - Greater than 3"	5	SF			\$ 400.00	2,000.00	-	-	-	-	0%	2,000.00
34	Existing Guardrail Removal Repair Type 4	15	EA			\$ 200.00	3,000.00	-	-	-	-	0%	3,000.00
35	Allowance for MCET Work at PLC	1	ALLOW			\$ 10,000.00	10,000.00	-	-	-	-	0%	10,000.00
<b>Original Contract Totals</b>							<b>\$ 1,162,472.00</b>	<b>\$</b>	<b>1,037,574.64</b>	<b>\$</b>	<b>1,037,574.64</b>	<b>89%</b>	<b>\$ 124,897.36</b>

**Progress Estimate - Unit Price Work**

Owner: 8 1/2 Mile Relief Drain Drainage District  
 Engineer: HRC  
 Contractor: J.F. Cavanaugh  
 Project: Chapaton Pump and Screen Improvements  
 Contract:

**Contractor's Application for Payment**

Owner's Project No.: WWS-2019-022  
 Engineer's Project No.: 20180963  
 Contractor's Project No.:

Application No.: 4		Application Period: From 09/04/20 to 10/30/20		Application Date: 11/24/20						
A Bid Item No.	B Description	C Contract Information			G Work Completed Estimated Quantity Incorporated in the Work	H Value of Work Completed to Date (E X G) (\$)	I Materials Currently Stored (not in G) (\$)	J Work Completed and Materials Stored to Date (H + I) (\$)	K % of Value of Item (J / F) (%)	L Balance to Finish (F - J) (\$)
		D Item Quantity	E Unit Price (\$)	F Value of Bid Item (C X E) (\$)						
1	Flash Boards	1.00	LS	40,000.00	40,000.00	40,000.00		40,000.00	100%	-
2	Delete Stop Logs (items 5 and 6)	1.00	LS	(136,200.00)	(136,200.00)	(136,200.00)		(136,200.00)	100%	-
				<b>Change Order Totals</b>	<b>\$ (96,200.00)</b>	<b>\$ (96,200.00)</b>	<b>\$</b>	<b>\$</b>	<b>100%</b>	<b>\$</b>
<b>Original Contract and Change Orders</b>										
				<b>Project Totals</b>	<b>\$ 1,066,272.00</b>	<b>\$ 941,374.64</b>	<b>\$</b>	<b>\$ 941,374.64</b>	<b>88%</b>	<b>\$ 124,897.36</b>



# APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

TO OWNER:  
8 1/2 Mile Relief Drain Drainage Distri Chapaton Pump Station Dry Weather Pump CP

PROJECT:  
APPLICATION NO: 4

APPLICATION DATE:  
November 10, 2020

FROM CONTRACTOR:  
J.F. Cavanaugh Company  
20750 Sunnydale, Farm. Hls. MI 48336

VIA ARCHITECT:  
Hubbell, Roth and Clark, Inc.  
535 Griswold Street, Suite 1650, Detroit MI 48226

PERIOD TO:  
30-Oct-20

DISTRIBUTION TO:  
OWNER:  
ARCHITECT: HRC  
CONTRACTOR: J.F. Cavanaugh Co.

CONTRACT FOR: Chapaton Pump Station

CONTRACT DATE: 16-Jul-20

## CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

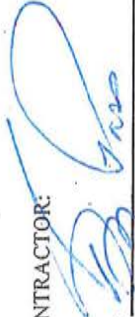
The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

1. ORIGINAL CONTRACT SUM \$ 1,162,472.00
2. Net change by Change Orders \$ (96,200.00)
3. CONTRACT SUM TO DATE (Line 1 + 2) \$ 1,066,272.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$ 941,374.64

5. RETAINAGE:
  - a. 5 % of Completed Work \$ 47,068.73
  - b. % of Stored Material \$

6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total) \$ 894,305.91
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) \$ 753,632.04
8. CURRENT PAYMENT DUE \$ 140,673.87
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6) \$ 171,966.09

CONTRACTOR:



By: \_\_\_\_\_ Date: 11/20/2020

State of: Michigan County of: Wayne  
Notary Public:  
My Commission expires:

## ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED ..... \$ \_\_\_\_\_

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

By: \_\_\_\_\_ Date: \_\_\_\_\_

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$0.00	
Total approved this Month	\$40,000.00	(\$136,200.00)
<b>TOTALS</b>	<b>\$40,000.00</b>	<b>(\$136,200.00)</b>
<b>NET CHANGES by Change Order</b>		<b>(\$96,200.00)</b>



# CONTINUATION SHEET

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

AIA DOCUMENT G703

APPLICATION NO: 4

APPLICATION DATE: 3-Nov-20

PERIOD TO: 30-Oct-20

Project: Chapaton Pump Station Dry Weather Pump and Screen Improvements

A ITEM NO.	B DESCRIPTION OF WORK	C UNITS	D UNIT PRICE	E EXTENSION	F WORK COMPLETED FROM PREVIOUS APPLICATION	G MATERIALS PRESENTLY STORED	H TOTAL COMPLETED AND STORED TO DATE	I %	J BALANCE TO FINISH	K RETAINAGE (IF VARIABLE RATE)
1	Bonds, Insurance, Mobilization	1	\$ 60,500.00	\$ 60,500.00	\$ -	\$ -	\$ 60,500.00	100.00%	\$ -	\$ -
2	Pre-Construction Audio Video	1	\$ 2,500.00	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00	100.00%	\$ -	\$ -
3	Flow Diversion During Construction - South Side	1	\$ 10,650.00	\$ 10,650.00	\$ -	\$ -	\$ 10,650.00	100.00%	\$ -	\$ -
4	Flow Diversion During Construction - North Side	1	\$ 10,650.00	\$ 10,650.00	\$ -	\$ -	\$ 10,650.00	100.00%	\$ -	\$ -
5	New Stop Logs, Guides, Related Str - South Side	1	\$ 49,950.00	\$ 49,950.00	\$ -	\$ -	\$ 49,950.00	100.00%	\$ -	\$ -
6	New Stop Logs, Guides, Related Str - North Side	1	\$ 86,250.00	\$ 86,250.00	\$ -	\$ -	\$ 86,250.00	100.00%	\$ -	\$ -
7	Remove Existing Bar Rack, Install New - South Side	1	\$ 158,620.00	\$ 158,620.00	\$ -	\$ -	\$ 158,620.00	100.00%	\$ -	\$ -
8	Remove Existing Bar Rack, Install New - North Side	1	\$ 158,620.00	\$ 158,620.00	\$ -	\$ -	\$ 158,620.00	100.00%	\$ -	\$ -
9	Access Revisions in Screen Room	1	\$ 89,433.00	\$ 89,433.00	\$ -	\$ -	\$ 89,433.00	100.00%	\$ -	\$ -
10	Guardrail Revisions in Screen Room	1	\$ 16,638.00	\$ 16,638.00	\$ -	\$ -	\$ 16,638.00	100.00%	\$ -	\$ -
11	I&C Upgrades in Screen Room	1	\$ 12,618.00	\$ 12,618.00	\$ -	\$ -	\$ 12,618.00	100.00%	\$ -	\$ -
12	Core Through Wet Well Wall	1	\$ 3,960.00	\$ 3,960.00	\$ -	\$ -	\$ 3,960.00	78.06%	\$ 2,768.00	\$ -
13	Concrete Collar in Wet Well	1	\$ 13,712.00	\$ 13,712.00	\$ -	\$ -	\$ 13,712.00	100.00%	\$ -	\$ -
14	Through Wall Pipe Penetration	1	\$ 6,203.00	\$ 6,203.00	\$ -	\$ -	\$ 6,203.00	100.00%	\$ -	\$ -
15	North Dry Well Demolition Work	1	\$ 24,863.00	\$ 24,863.00	\$ -	\$ -	\$ 24,863.00	100.00%	\$ -	\$ -
16	Install New Owner Furnished Pump	1	\$ 9,843.00	\$ 9,843.00	\$ -	\$ -	\$ 9,843.00	44.91%	\$ 5,423.00	\$ -
17	Electrical Upgrades for Added Pump	1	\$ 46,247.00	\$ 46,247.00	\$ -	\$ -	\$ 46,247.00	87.36%	\$ 5,847.00	\$ -
18	New Concrete Pump Bases	1	\$ 13,906.00	\$ 13,906.00	\$ -	\$ -	\$ 13,906.00	100.00%	\$ -	\$ -
19	Reconfigure Existing Pump	1	\$ 5,200.00	\$ 5,200.00	\$ 1,500.00	\$ -	\$ 4,000.00	76.92%	\$ 1,200.00	\$ -
20	New Piping, valves, and fittings, in Wet Well	1	\$ 212,044.00	\$ 212,044.00	\$ 170,998.64	\$ -	\$ 19,850.00	90.00%	\$ 21,195.36	\$ -
21	Pressure Gauges and Assemblies	1	\$ 2,640.00	\$ 2,640.00	\$ -	\$ -	\$ 2,640.00	50.00%	\$ 1,320.00	\$ -
22	Jib Crane Addition in North Dry Well	1	\$ 29,355.00	\$ 29,355.00	\$ 29,355.00	\$ -	\$ -	100.00%	\$ -	\$ -
23	Electrical Upgrade for Jib Crane	1	\$ 3,966.00	\$ 3,966.00	\$ 3,966.00	\$ -	\$ -	100.00%	\$ -	\$ -
24	Access Stairway	1	\$ 48,204.00	\$ 48,204.00	\$ 8,568.00	\$ -	\$ -	17.77%	\$ 39,636.00	\$ -
25	Access Platform Revisions	1	\$ 11,330.00	\$ 11,330.00	\$ 11,330.00	\$ -	\$ -	100.00%	\$ -	\$ -
26	New Pressure Manholes at EL 551 - Complete	1	\$ 32,540.00	\$ 32,540.00	\$ -	\$ -	\$ 32,540.00	80.00%	\$ 6,508.00	\$ -
27	Core Fill at Elevation 551	1	\$ 1,030.00	\$ 1,030.00	\$ -	\$ -	\$ 1,030.00	100.00%	\$ -	\$ -
28	Core at Patch Repair Type 1	28	\$ 200.00	\$ 5,600.00	\$ -	\$ -	\$ -	0.00%	\$ 5,600.00	\$ -
29	Pressure Inj of Cracks Type 2A (Non-Weeping)	150	\$ 50.00	\$ 7,500.00	\$ -	\$ -	\$ -	0.00%	\$ 7,500.00	\$ -
30	Pressure Injection of Cracks Type 2A (Weeping)	50	\$ 400.00	\$ 20,000.00	\$ -	\$ -	\$ -	0.00%	\$ 20,000.00	\$ -
31	Concrete Surface Repair Type 3 - Up to 1" Depth	16	\$ 400.00	\$ 6,400.00	\$ -	\$ -	\$ -	0.00%	\$ 6,400.00	\$ -
32	Concrete Surface Repair Type 3 - 1" to 3" Depth	10	\$ 400.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.00%	\$ 4,000.00	\$ -
33	Concrete Surface Repair Type 3 - Greater than 3" Depth	5	\$ 400.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.00%	\$ 2,000.00	\$ -
34	Existing Guardrail Removal Repair Type 4	15	\$ 200.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.00%	\$ 3,000.00	\$ -
35	Allowance for MCET Work at PLC	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.00%	\$ 10,000.00	\$ -
CO#1	Flashboards	1	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	100.00%	\$ -	\$ -
CO#2	Deletion of Stop Logs	1	\$ (136,200.00)	\$ (136,200.00)	\$ (136,200.00)	\$ -	\$ -	100.00%	\$ -	\$ -
<b>SUB TOTALS</b>										
				\$ 1,066,272.00	\$ 806,945.64	\$ 134,429.00	\$ 941,374.64	88.29%	\$ 124,897.36	\$ -

Users may obtain validation of this document by requesting of the license a completed AIA Document D401 - Certification of Document's Authenticity

AIA DOCUMENT G703 - CONTINUATION SHEET FOR G702 - 1992 EDITION - AIA - ©1992

THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVENUE, N.W. WASHINGTON, D.C. 20006-5232

G703-1992



Mark A. Hackel  
County Executive

# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) <b>Michelle Houvener</b>	2. PHONE # <b>95966</b>	3. DATE <b>11/24/20</b>
4. SET ID <b>VP201124MA</b>		5. POST DATE

6. VENDOR NAME (Check to be issued to) <b>Kennedy Industries</b>	7. VENDOR NUMBER <b>V11826</b>	8. ADDR CODE <b>04</b>	9. Invoice No (MAX = 16 CHARACTERS) <b>622032</b>	10. Invoice Date <b>11/19/2020</b>	11. Invoice Amount <b>1,402.50</b>
---	-----------------------------------	---------------------------	--	---------------------------------------	---------------------------------------

General Ledger		Job Ledger		OPTIONAL		18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	15. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	93002	93002	WO18006	8 1/2 Mile Relief	Job #0108052; 11/17/20	\$ 1,402.50	GEN		
B										
C										
D										
E										
F										
G										

23. Total: \$ **1,402.50**

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:  
Field Service

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	12/1/2020
28. Managers:		33. Board Date:	12/14/2020
29. Coordinator:		34. Select For Pay Date:	



# KENNEDY INDUSTRIES

INNOVATE  
SOLVE  
MONITOR  
REPAIR

INVOICE		
DATE	NUMBER	PAGE
11/19/2020	622032	1 of 1

B MAC152  
I MACOMB COUNTY PUBLIC WORKS  
L 21777 DUNHAM RD.  
L CLINTON TWP, MI 48036  
T  
O

S MACOMB COUNTY PUBLIC WORKS  
H 21777 DUNHAM RD.  
I CLINTON TWP, MI 48036  
P  
T  
O

ATTENTION:  
GREG BARANSKI      248-996-2295      greg@jfcav.com

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYPE
VERBAL GREG B.	0108052	9 MILE /CHAPATON, FIELD SERVICE; WASTE WATER	KES/CJD	FIELD SERVICE

QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
B/O	Ship				
0.00	8.00	MAC152CHAPATON	MACOMB CO PW, CHAPATON STATION KENNEDY INDUSTRIES PROVIDED (1) FIELD SERVICE TECHNICIAN(S) ONSITE ON 11-17-20 @ STANDARD RATES.	\$135.00	\$1,080.00
0.00	1.00	MAC152CHAPATON	MACOMB CO PW, CHAPATON STATION KENNEDY INDUSTRIES PROVIDED (1) FIELD SERVICE TECHNICIAN(S) ONSITE ON 11-17-20 @ OVERTIME RATES. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$202.50	\$202.50
0.00	1.00	TRAVEL	SERVICE VEHICLE	\$120.00	\$120.00

PLEASE REMIT TO:  
KENNEDY INDUSTRIES, INC.  
P.O. BOX 930079  
WIXOM, MI 48393

<p>This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms &amp; Conditions (Rev'd 4/2019) and Customer Warranty available at <a href="http://www.kennedyind.com">www.kennedyind.com</a> which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms &amp; Conditions and Customer Warranty posted on Kennedy's website.</p> <p><b>*TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE</b>  <b>*A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE</b>  <b>*CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE</b></p>	SUBTOTAL:	\$ 1,402.50
	TAX:	\$ 0.00
	TOTAL:	\$ 1,402.50

P.O. Box 930079 Wixom, MI 48393 - 4925 Holtz Drive Wixom, MI 48393 - Phone: 248-684-1200 - Fax: 248-684-6011



**KENNEDY**  
INDUSTRIES

INNOVATE  
SOLVE  
MONITOR  
REPAIR

P.O. Box 930079 • Wixom, MI 48393  
4925 Holtz Drive • Wixom, MI 48393  
Phone: (248) 684-1200 • Fax: (248) 684-6011

### FIELD SERVICE REPORT

DATE: 11-17-20    TECHNICIAN: GLENN.S    CUSTOMER: MACOMB COUNTY PUBLIC WORKS

WO #: 108052-001    JOB TYPE: FIELD SERVICE    STATION: 9 MILE /CHAPATON

ONSITE START TIME: 8:00AM

WORK SCOPE AND TOOLS NEEDED:

- START UP (1) PUMP
- EXISTING STATION
- CUSTOMER WANTS PUMP STARTED UP AND MAKE SURE PUMPS ARE OPERATING

WORK PERFORMED:

- onsite met with GREG BARANSKI.
- pump #3 was removed so work could be done to add the #4 pump.
- #4 pump not yet installed and panel not wired, waiting on suction elbow.
- was asked to restart the #3 pump.
- verified isolation valves closed, removed side inspection chamber to check rotation.
- operators powered up and gave start command, not working.
- found electrician had to land e-stop.
- they finished wiring, and still no start.
- opened panel to soft start, no power lights.
- they had rotor etc. Come out to look at.
- determined has been powered down for months now, and now longer working.
- bypass was working.
- verified rotation in bypass, closed up side inspection port.
- did not open any lines to vent, per plant till soft start replaced.
- pumps #1 and #2 have been working as should.

STATION PUT BACK IN AUTO:



Mark A. Hackel  
County Executive

# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) <b>Michelle Houvener</b>	2. PHONE # <b>95966</b>	3. DATE <b>11/24/20</b>
4. SET ID <b>VP201124MA</b>		5. POST DATE

<b>PARENT RECORD INFORMATION</b>			
6. VENDOR NAME (Check to be issued to) <b>Lardner Elevator</b>	7. VENDOR NUMBER <b>V02788</b>	8. ADDR CODE <b>01</b>	9. Invoice No (MAX = 16 CHARACTERS) <b>189562</b>
			10. Invoice Date <b>10/30/2020</b>
			11. Invoice Amount <b>1,509.48</b>

CHILD RECORD DETAIL INFORMATION										
Line #	General Ledger			Job Ledger		16. Work Order Number	OPTIONAL			21. MISC
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	17. Secondary Reference (MAX = 16 CHARACTERS)		18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	
A	8200017M	93005	CC0004	93005	WO18006	8 1/2 Mile Relief	Acct#00-6198-2, Job #3110	\$ 1,509.48	GEN	
B										
C										
D										
E										
F										
G										

23. Total: \$ **1,509.48**

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:


25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	12/1/2020
28. Managers:		33. Board Date:	12/14/2020
29. Coordinator:		34. Select For Pay Date:	

# LARDNER↑ ↓ELEVATOR

729 Meldrum, Detroit, MI 48207  
 Phone: (313) 568-1600 Fax: (313) 568-0488  
 Email: info@lardnerelevator.com  
 www.lardnerelevator.com

## INVOICE

Invoice #
189562

Bill To:   
 Chapaton Pump Station  
 23001 E. Nine Mile  
 St. Clair Shores, MI 48080

Account: Chapaton Pump Station  
 23001 E. Nine Mile  
 St. Clair Shores, MI 48080  
 Account #: 00-6198-2

Date	Oct 30, 2020	Terms	Upon Receipt	Route	196	Job #	3110
Inv #	189562	PO #	18-9318	Territory	LECO	Type	Repair

Quantity	Description	Taxable	Measure	Price	Amount
3.50	Mechanic R/T - #198	No	Each	225.00	\$787.50
1.00	Zone - #198	No	Each	39.06	\$39.06
3.50	Helper R/T - #241	No	Each	189.00	\$661.50
1.00	Zone - #241	No	Each	21.42	\$21.42
9/30/2020 TT# 159443 & 159497 E# 11101 Went thru door locks adjusted and cleaned as needed. <div style="text-align: center; font-size: 2em; margin-top: 20px;">Chapaton</div>					
				Taxable	\$0.00
				Non-Taxable	\$1,509.48
				Sub-Total	\$1,509.48
				Sales Tax	\$0.00
				TOTAL	\$1,509.48

Page 1

Rev. 01/15/14

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



**Lardner Elevator Company**  
 729 Meldrum  
 Detroit, MI 48207

Account # 00-6198-2  
 Chapaton Pump Station  
 Invoice # 189562  
 Amount \$ 1,509.48  
 Paid \$

LARDNER ELEVATOR COMPANY 729 Meldrum St. • Detroit, MI 48207-4323 • Ph: 313-568-1600 • Fax: 313-568-0481

Customer Name Chapton Pump station Customer I.D. No. 67-6198-2 Date 9-30-20  
 Address \_\_\_\_\_ Job No. 3111 Elevator No. 61101

Ticket No. <u>15443</u>	Employee Name and No. <u>S. VERMAIDER 198</u>	Mileage <u>39.06</u>	Parking <u>Zone</u>	Cartage	Other									
MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		SUNDAY		
RT	OT	DT	RT	OT	DT	RT	OT	DT	RT	OT	DT	RT	OT	DT

Ticket No. <u>15444</u>	Employee Name and No. <u>B. JONES 241</u>	Mileage <u>21.42</u>	Parking <u>Zone</u>	Cartage	Other									
MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		SUNDAY		
RT	OT	DT	RT	OT	DT	RT	OT	DT	RT	OT	DT	RT	OT	DT

Work Performed WENT THROUGH DOOR LOCKS ADJUSTED AND CLEANED AS NEEDED.

Recommendation \_\_\_\_\_

Materials \_\_\_\_\_

Exam  
  Service Call  
  Repair Work  
  Construction  
  Modernization  
  FLT  
  NLT  
  Shop  
 Chargeable Work  Yes  No  
 Job Complete  Yes  No

Customer P.O. No. \_\_\_\_\_ Customer Signature [Signature] Print Name Kristofer Benda

We require our workmen to have their time approved by the customer or his representative. We allow our workmen actual time going to and from the job. 18956



Mark A. Hackel  
County Executive

# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	11/5/20
4. SET ID		5. POST DATE
VP201106MB		

<b>PARENT RECORD INFORMATION</b>		
6. VENDOR NAME (Check to be issued to)	8. ADDR CODE	11. Invoice Amount
Marino's Landscape	01	1,156.00
7. VENDOR NUMBER	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date
V66876	12105	10/31/2020

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger			Job Ledger			OPTIONAL			21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV		
A	8200017M	92900	CC0004	92900			Lawn Care Oct 2020	\$ 1,156.00	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 1,156.00

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	11/17/2020
28. Managers:		33. Board Date:	12/14/2020
29. Coordinator:		34. Select For Pay Date:	



**Marino's Landscape**  
 51879 Schoenherr Rd  
 Shelby Twp, MI 48315  
 586-803-3860



Macomb County Public Works Office  
 21777 Dunham Rd.  
 Clinton Twp, MI 48036

**PO #**  
**Invoice #** 12105  
**Invoice Date** 10/31/2020  
**Invoice Balance** **1156.00**

Email: Lori@marinoslandscape.com  
 Website: www.marinoslandscape.com

Date	Description
10/6/2020	Lawn Maintenance
10/13/2020	Lawn Maintenance
10/20/2020	Lawn Maintenance
10/27/2020	Lawn Maintenance

Qty	Price	Total
1.00	289.00	289.00
1.00	289.00	289.00
1.00	289.00	289.00
1.00	289.00	289.00

**Terms** Due on receipt  
**For** 23001 E. 9 Mile Rd. - Chapaon 8 1/2 Mile, St Clair Shores MI 48080

**Subtotal** 1156.00  
**Invoice Total** 1156.00

**Invoice Balance** **1156.00**

**Client Name** Macomb County Public Works Office  
**For** 23001 E. 9 Mile Rd. - Chapaon 8 1/2 Mile, St Clair Shores MI 48080  
**Invoice #** 12105  
**Invoice Date** 10/31/2020  
**Invoice Balance** 1156.00  
**Amount Enclosed**

**PAYMENT STUB**

Marino's Landscape  
 51879 Schoenherr Rd  
 Shelby Twp, MI 48315

**Card #** \_\_\_\_\_  
**Exp. Date** \_\_\_\_\_  
**Signature** \_\_\_\_\_

*Invoices are due by terms listed. A monthly Finance Charge of 1 1/2% will be added monthly to balance 30 days past due.*  
**NEW FOR 2019 Client portal - make payments and more!**  
<http://marinoslandscape.manageandpaymyaccount.com>  
 (If you do not have your login information contact our office)



TD Painting and Wallcovering Inc.  
49236 Gratiot Ave.  
Chesterfield Township, MI  
48051  
586-204-2257  
tom@tdpaintingandwallcovering.com



# INVOICE

**BILL TO**  
Macomb County Public  
Works  
23001 E 9 Mile Rd  
St. Clair Shores, Mi  
48080

INVOICE # 3492  
DATE 11/19/2020  
DUE DATE 11/19/2020  
TERMS Due on receipt

ACTIVITY	AMOUNT
Services	3,669.90
Interior Garage Painting Bay 1	

Thank you for your business. If you  
require additional information please  
call at 586-204-2257.

BALANCE DUE

**\$3,669.90**

*Chap service garage*



# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

Mark A. Hackel  
County Executive

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	11/3/20
4. SET ID		
5. POST DATE		

VP201106MB

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)
Tetra Tech, Inc.	V16060	02	51658188
			10. Invoice Date
			10/30/2020
			11. Invoice Amount
			\$ 54,718.75

CHILD RECORD DETAIL INFORMATION												
Line	General Ledger	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
A		8200017C	80138	60033	80138	W019004	8 1/2 Mile Relief	Pjt #200-16347-19001 thru 10/23/20	\$ 54,718.75	GEN		
B												
C												
D												
E												
F												
G												

REV 08/2018

23. Total: \$ 54,718.75

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:  
 In-System Storage Devices - MEDC GRANT BALANCE \$920,390.68 (FY2020 \$2,630/ FY2021 \$52,088.75 for this invoice)

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	\$667,168.35
27. Engineers:		32. Staff Date:	11/17/2020
28. Managers:		33. Board Date:	12/14/2020
29. Coordinator:		34. Select For Pay Date:	

ACCURAL

**MACOMB COUNTY PUBLIC WORKS OFFICE  
ENGINEERING INVOICE COVER SHEET**

<b>WORK ORDER NUMBER</b>	WO19004	
<b>PROJECT NUMBER</b>	WWS-2019-003	(Tetra Tech# 200-16347-19001)
<b>PROJECT NAME</b>	In-System Storage Devices	
<b>DRAINAGE DISTRICT</b>	Eight and One-Half Mile Relief Drain Drainage District	
<b>CONSULTANT NAME</b>	Tetra Tech of Michigan	
<b>INVOICE DATE</b>	10/30/20 (Invoice 51658188)	
<b>INVOICE START DATE</b>	9/26/2020	
<b>INVOICE END DATE</b>	10/23/2020	
<b>ORIGINAL CONTRACT AMOUNT</b>	\$	481,098.00
<b>CHANGE ORDER TOTAL</b>	\$	949,435.00
Change Order No. 1	\$	949,435.00
Change Order No. 2		
Change Order No. 3		
Change Order No. 4		
<b>TOTAL REVISED CONTRACT AMOUNT</b>	\$	1,430,533.00
(includes all approved change orders only)		
<b>TOTAL AMOUNT PREVIOUSLY INVOICED</b>	\$	708,645.90
<b>TOTAL AMOUNT DUE THIS INVOICE</b>	\$	54,718.75
<b>TOTAL BUDGET REMAINING</b>	\$	667,168.35
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)		

9/26 → 9/30 \$ 2,630 FY2020

10/1 → 10/23 \$ 52,088.75 FY2021  
45

MEDC GRANT BALANCE \$ 920,390.68



**Tetra Tech, Inc.**  
 424 Lewis Hargett Cir.  
 Ste. 110  
 Lexington, KY 40503  
 (859) 223-8000

**BILL TO:** MACOMB COUNTY  
**ATTN:** FINANCE DEPARTMENT  
 OFFICE OF PUBLIC WORKS  
 COMMISSIONER  
 21777 DUNHAM RD  
 PO BOX 806  
 CLINTON TOWNSHIP, MI 48036

**INVOICE NUMBER:** 51658188  
**INVOICE DATE:** 10/30/2020  
**SERVICES THROUGH:** 10/23/2020  
**FEDERAL TAX ID#:** 95-4148514  
**TERMS:** NET 30

ESA dated 10July 2019

Client Contact: Vince Astorino. Email vjncent.astorino@macombgov.org

**PROFESSIONAL SERVICES:**

Project Number 200-16347-19001 In-System Storage Devices  
 Top Task 02A Project Management / Design

EMPLOYEE	TITLE	CURRENT LABOR HOURS	LABOR RATE	CURRENT LABOR AMOUNT
Rubel, Brian M.	Program Manager	20.00	\$225.00	\$4,500.00
<b>TOTAL LABOR</b>		<b>20.00</b>		<b>\$4,500.00</b>
		<b>SUBTOTAL</b>		<b>\$4,500.00</b>
Total Top Task# 02A				\$4,500.00

Top Task 02B Design

EMPLOYEE	TITLE	CURRENT LABOR HOURS	LABOR RATE	CURRENT LABOR AMOUNT
Biagi, James Q.	Sr Architect 1	1.00	\$225.00	\$225.00
Geerlings, Eric P.	Project Engineer 1	73.00	\$155.00	\$11,315.00
Graf, Mitchell J.	Project Manager 2	0.50	\$200.00	\$100.00
Hourigan, Tricia M.	Sr CAD Designer 1	27.00	\$140.00	\$3,780.00
Johnston, Jeffrey	Engineer 2	15.00	\$115.00	\$1,725.00
Kaliman, Roger G.	Sr Engineer 1	55.00	\$180.00	\$9,900.00
Lortz, Thomas J.	CAD Designer	18.00	\$140.00	\$2,520.00
Maddela, Titus J.	Engineer 3	1.00	\$150.00	\$150.00
Melling, Vickie L.	CAD Technician 2	16.00	\$80.00	\$1,280.00
Newman, Thomas S.	Architect	24.00	\$137.00	\$3,288.00
Paison, William A.	Sr Engineer 1	23.00	\$215.00	\$4,945.00
Shetty, Sohan P.	Engineer 2	16.00	\$105.00	\$1,680.00
Sissoko, Moussa D.	Sr Engineer 2	12.00	\$200.00	\$2,400.00
Tervo, Jeffrey A.	CAD Designer	17.00	\$140.00	\$2,380.00
<b>TOTAL LABOR</b>		<b>298.50</b>		<b>\$45,688.00</b>
		<b>SUBTOTAL</b>		<b>\$45,688.00</b>
Total Top Task# 02B				\$45,688.00

Top Task 02BS\_FKE Design - Subcontractor FKE

SUBCONTRACTOR	TYPE	CURRENT AMOUNT
FK ENGINEERING ASSOCIATES	Subcontractor-External	\$2,573.25
<b>TOTAL SUBCONTRACTOR CHARGES</b>		<b>\$2,573.25</b>

**BILL TO:** MACOMB COUNTY  
**ATTN:** FINANCE DEPARTMENT  
 OFFICE OF PUBLIC WORKS  
 COMMISSIONER  
 21777 DUNHAM RD  
 PO BOX 806  
 CLINTON TOWNSHIP, MI 48036

**INVOICE NUMBER:** 51658188  
**INVOICE DATE:** 10/30/2020  
**SERVICES THROUGH:** 10/23/2020  
**FEDERAL TAX ID#:** 95-4148514  
**TERMS:** NET 30

		<b>SUBTOTAL</b>	<b>\$2,573.25</b>
		Total Top Task# 02BS_FKE	<b>\$2,573.25</b>
<b>Top Task</b>	<b>02B_TCI</b>	<b>Design</b>	
<b>EMPLOYEE</b>	<b>TITLE</b>	<b>CURRENT LABOR HOURS</b>	<b>LABOR RATE</b>
Robitaille, Luc	Engineer 3	5.25	\$250.00
Tremblay, Simon	Sr Engineer I&C	3.00	\$215.00
<b>TOTAL LABOR</b>		<b>8.25</b>	<b>\$1,957.50</b>
		<b>SUBTOTAL</b>	<b>\$1,957.50</b>
		Total Top Task# 02B_TCI	<b>\$1,957.50</b>
		Total Project# 200-16347-19001	<b>\$54,718.75</b>
<b>TOTAL AMOUNT DUE THIS INVOICE:</b>			<b>\$54,718.75</b>

Gross Contract Summary	
Contract Amount	\$1,430,533.00
Previously Billed	\$708,645.90
Current Billing	\$54,718.75
Total Billed to Date	\$763,364.65
Contract Balance Remaining	\$667,168.35

**REMIT PAYMENT TO:**  
 TETRA TECH, INC.  
 PO BOX 911967  
 DENVER, CO 80291-1967

To ensure accurate posting, please note the invoice number on your check. Interest will be charged on all past-due amounts per contract terms and conditions.



FK Engineering Associates  
 30425 Stephenson Hwy  
 Madison Heights, MI 48071  
 (248) 817-2946

**INVOICE**

Invoice Date: 10/07/20  
 Total Amount: \$2,573.25  
 Number: 19-102-007  
 Invoice Period: 08/22/20 - 10/03/20  
 PO Number: **1166826!2**  
 Project Code: 19-102  
 Project: Macomb In-Line Storage

Tetra Tech  
 Brian Rubel  
 710 Avis Drive - Suite 100  
 Ann Arbor, MI 48108

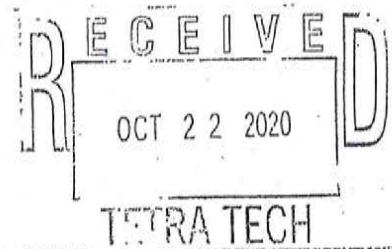
**INVOICE SUMMARY**

Description	Amount
Task 2 - Design Phase	\$2,538.25
Task 2 - Design Phase Expenses	\$35.00

Description	Total Budget	Remaining Budget (\$)	Prior Billing (\$)	This Invoice (\$)
Task 1 - Study Phase	\$15,000.00	\$4,896.15	\$10,103.85	--
Task 2 - Design Phase	\$68,000.00	\$14,938.08	\$50,488.67	\$2,573.25
<b>BUDGET TOTALS</b>	<b>\$83,000.00</b>	<b>\$19,834.23</b>	<b>\$60,592.52</b>	<b>\$2,573.25</b>
<b>TOTAL AMOUNT DUE</b>				<b>\$2,573.25</b>

Remit payment to:  
 30425 Stephenson Hwy, Madison Heights, MI 48071  
 Terms: Due upon receipt or per contract

OK  
 BRubel  
 10/21/20 # 184671  
 200-16347-19001.02BS-FKE  
 sub-EXT  
 200 IEL AA







FK Engineering Associates  
 30425 Stephenson Hwy  
 Madison Heights, MI 48071  
 (248) 817-2946

**INVOICE**

Invoice Date: 10/07/20  
 Total Amount: \$2,573.25  
 Number: 19-102-007  
 Invoice Period: 08/22/20 - 10/03/20  
 PO Number:  
 Project Code: 19-102  
 Project: Macomb In-Line Storage

Tetra Tech  
 Brian Rubel  
 710 Avis Drive - Suite 100  
 Ann Arbor, MI 48108

**INVOICE DETAILS**

Source	Date	Code	Hrs / Qnt	Rate	Amount
<b>Professional Fees</b>					
Nicholas Kacynski	08/24/20	04-Project Engineer/Geologist	0.75	\$112.00	\$84.00
Zachary Carr	08/24/20	02-Principal Engineer/Officer	0.25	\$145.00	\$36.25
Zachary Carr	08/25/20	02-Principal Engineer/Officer	1.00	\$145.00	\$145.00
Nicholas Kacynski	08/25/20	04-Project Engineer/Geologist	0.50	\$112.00	\$56.00
Tasha Cook	08/25/20	06-Staff Engineer/Geologist	0.75	\$85.00	\$63.75
Nicholas Bassett	08/25/20	03-Senior Project Engineer/Geologist	0.50	\$120.00	\$60.00
Tasha Cook	08/26/20	06-Staff Engineer/Geologist	0.75	\$85.00	\$63.75
Nicholas Kacynski	08/26/20	04-Project Engineer/Geologist	0.75	\$112.00	\$84.00
James Elsey	08/26/20	04-Project Engineer/Geologist	5.00	\$112.00	\$560.00
Margaret O'Reilly	08/26/20	09-Administrative Assistant	0.25	\$55.00	\$13.75
Zachary Carr	08/26/20	02-Principal Engineer/Officer	1.00	\$145.00	\$145.00
Zachary Carr	08/27/20	02-Principal Engineer/Officer	2.00	\$145.00	\$290.00
Noah Schoenberger	08/27/20	11-Engineering Tech 3	2.00	\$60.00	\$120.00
Zachary Carr	08/28/20	02-Principal Engineer/Officer	4.00	\$145.00	\$580.00
Margaret O'Reilly	09/01/20	09-Administrative Assistant	0.50	\$55.00	\$27.50
Nicholas Kacynski	09/03/20	04-Project Engineer/Geologist	0.25	\$112.00	\$28.00
Ava Riley	09/04/20	09-Administrative Assistant	0.25	\$55.00	\$13.75
Josephine Klingler	09/04/20	09-Administrative Assistant	0.50	\$55.00	\$27.50
Nicholas Kacynski	10/02/20	04-Project Engineer/Geologist	1.25	\$112.00	\$140.00
		Task 2 - Design Phase	22.25		\$2,538.25
		Professional Fees	22.25		\$2,538.25
<b>Reimbursable Expenses</b>					
Noah Schoenberger	08/27/20	LT 020-Atterberg Limits	1.00	\$35.00	\$35.00
		Task 2 - Design Phase	--		\$35.00
		Reimbursable Expenses	--		\$35.00
		<b>TOTAL FEES/EXPENSES</b>	--		<b>\$2,573.25</b>



TETRA TECH - TIMESHEET DETAIL

PROJECT NUMBER: 200-16347-19001  
PROJECT NAME: MACOMB IN-SYS STORAGE DEVICES  
INVOICE NUMBER: 51658188  
INVOICE DATE: 10/30/2020  
END DATE: 10/23/2020

Top Task	02A	Project Management / Design	DATE	QUANTITY	UOM
EMPLOYEE					
Rubel, Brian M.			09-29-2020	3.00	HOURS
Rubel, Brian M.			09-30-2020	2.00	HOURS
Rubel, Brian M.			10-06-2020	3.00	HOURS
Rubel, Brian M.			10-07-2020	2.00	HOURS
Rubel, Brian M.			10-13-2020	3.00	HOURS
Rubel, Brian M.			10-14-2020	2.00	HOURS
Rubel, Brian M.			10-20-2020	3.00	HOURS
Rubel, Brian M.			10-21-2020	2.00	HOURS
<b>TOP TASK TOTAL</b>				<b>20.00</b>	

Top Task	02B	Design	DATE	QUANTITY	UOM
EMPLOYEE					
Biagi, James Q.			10-22-2020	1.00	HOURS
Geerlings, Eric P.			09-28-2020	0.50	HOURS
Geerlings, Eric P.			09-29-2020	0.50	HOURS
Geerlings, Eric P.			09-30-2020	2.00	HOURS
Geerlings, Eric P.			10-01-2020	1.50	HOURS
Geerlings, Eric P.			10-02-2020	1.50	HOURS
Geerlings, Eric P.			10-04-2020	1.00	HOURS
Geerlings, Eric P.			10-05-2020	4.50	HOURS
Geerlings, Eric P.			10-06-2020	8.00	HOURS

EMPLOYEE	DATE	QUANTITY	UOM
Geerlings, Eric P.	10-07-2020	7.00	HOURS
Geerlings, Eric P.	10-08-2020	4.50	HOURS
Geerlings, Eric P.	10-09-2020	1.00	HOURS
Geerlings, Eric P.	10-12-2020	2.50	HOURS
Geerlings, Eric P.	10-13-2020	0.50	HOURS
Geerlings, Eric P.	10-14-2020	7.00	HOURS
Geerlings, Eric P.	10-15-2020	5.00	HOURS
Geerlings, Eric P.	10-16-2020	4.50	HOURS
Geerlings, Eric P.	10-19-2020	4.00	HOURS
Geerlings, Eric P.	10-20-2020	5.00	HOURS
Geerlings, Eric P.	10-21-2020	5.00	HOURS
Geerlings, Eric P.	10-22-2020	6.00	HOURS
Geerlings, Eric P.	10-23-2020	1.50	HOURS
Graf, Mitchell J.	10-02-2020	0.50	HOURS
Hourigan, Tricia M.	10-14-2020	2.00	HOURS
Hourigan, Tricia M.	10-15-2020	2.00	HOURS
Hourigan, Tricia M.	10-16-2020	6.00	HOURS
Hourigan, Tricia M.	10-19-2020	12.00	HOURS
Hourigan, Tricia M.	10-22-2020	4.00	HOURS
Hourigan, Tricia M.	10-23-2020	1.00	HOURS
Johnston, Jeffrey	10-21-2020	7.00	HOURS
Johnston, Jeffrey	10-22-2020	4.00	HOURS
Johnston, Jeffrey	10-23-2020	4.00	HOURS
Kaliman, Roger G.	09-30-2020	1.00	HOURS
Kaliman, Roger G.	10-02-2020	1.00	HOURS
Kaliman, Roger G.	10-05-2020	1.00	HOURS

EMPLOYEE	DATE	QUANTITY	UOM
Kaliman, Roger G.	10-07-2020	3.00	HOURS
Kaliman, Roger G.	10-08-2020	5.00	HOURS
Kaliman, Roger G.	10-09-2020	2.50	HOURS
Kaliman, Roger G.	10-12-2020	7.00	HOURS
Kaliman, Roger G.	10-13-2020	1.50	HOURS
Kaliman, Roger G.	10-14-2020	2.50	HOURS
Kaliman, Roger G.	10-15-2020	3.50	HOURS
Kaliman, Roger G.	10-16-2020	4.00	HOURS
Kaliman, Roger G.	10-19-2020	5.00	HOURS
Kaliman, Roger G.	10-20-2020	2.50	HOURS
Kaliman, Roger G.	10-21-2020	7.00	HOURS
Kaliman, Roger G.	10-22-2020	4.50	HOURS
Kaliman, Roger G.	10-23-2020	4.00	HOURS
Kaliman, Roger G.	10-07-2020	3.00	HOURS
Lortz, Thomas J.	10-12-2020	4.00	HOURS
Lortz, Thomas J.	10-13-2020	3.00	HOURS
Lortz, Thomas J.	10-14-2020	4.00	HOURS
Lortz, Thomas J.	10-22-2020	4.00	HOURS
Maddela, Titus J.	10-15-2020	1.00	HOURS
Melling, Vickie L.	10-08-2020	8.00	HOURS
Melling, Vickie L.	10-09-2020	8.00	HOURS
Newman, Thomas S.	10-02-2020	1.00	HOURS
Newman, Thomas S.	10-05-2020	4.00	HOURS
Newman, Thomas S.	10-09-2020	6.00	HOURS
Newman, Thomas S.	10-12-2020	2.00	HOURS
Newman, Thomas S.	10-14-2020	3.00	HOURS
Newman, Thomas S.	10-19-2020	2.00	HOURS
Newman, Thomas S.	10-22-2020	4.00	HOURS
Newman, Thomas S.	10-23-2020	2.00	HOURS
Newman, Thomas S.	09-30-2020	4.00	HOURS
Paison, William A.	10-06-2020	8.00	HOURS
Paison, William A.	10-14-2020	3.00	HOURS
Paison, William A.	10-21-2020	2.00	HOURS
Paison, William A.	10-22-2020	4.00	HOURS
Paison, William A.	10-23-2020	2.00	HOURS
Shetty, Sohan P.	10-15-2020	8.00	HOURS
Shetty, Sohan P.	10-19-2020	8.00	HOURS
Sissoko, Moussa D.	10-02-2020	1.00	HOURS
Sissoko, Moussa D.	10-08-2020	2.00	HOURS

EMPLOYEE	DATE	QUANTITY	UOM
Sissoko, Moussa D.	10-09-2020	1.00	HOURS
Sissoko, Moussa D.	10-14-2020	2.00	HOURS
Sissoko, Moussa D.	10-15-2020	2.00	HOURS
Sissoko, Moussa D.	10-19-2020	1.00	HOURS
Sissoko, Moussa D.	10-20-2020	1.00	HOURS
Sissoko, Moussa D.	10-22-2020	1.00	HOURS
Sissoko, Moussa D.	10-23-2020	1.00	HOURS
Tervo, Jeffrey A.	10-16-2020	4.00	HOURS
Tervo, Jeffrey A.	10-19-2020	1.00	HOURS
Tervo, Jeffrey A.	10-20-2020	4.00	HOURS
Tervo, Jeffrey A.	10-22-2020	4.00	HOURS
Tervo, Jeffrey A.	10-23-2020	4.00	HOURS

**TOP TASK TOTAL** 298.50

**Top Task** 02BS\_FKE Design - Subcontractor FKE

**Top Task** 02B\_TCI Design

EMPLOYEE	DATE	QUANTITY	UOM
Robitaille, Luc	10-02-2020	0.50	HOURS
Robitaille, Luc	10-14-2020	0.50	HOURS
Robitaille, Luc	10-16-2020	2.00	HOURS
Robitaille, Luc	10-19-2020	0.25	HOURS
Robitaille, Luc	10-20-2020	0.75	HOURS
Robitaille, Luc	10-22-2020	0.75	HOURS
Robitaille, Luc	10-23-2020	0.50	HOURS
Tremblay, Simon	10-16-2020	2.00	HOURS
Tremblay, Simon	10-20-2020	0.25	HOURS
Tremblay, Simon	10-21-2020	0.50	HOURS
Tremblay, Simon	10-22-2020	0.25	HOURS

**TOP TASK TOTAL** 8.25

**GRAND TOTAL** 200-16347-19001 326.75

Gross Contract Summary	
Contract Amount	\$1,430,533.00
Previously Billed	\$708,645.90
Current Billing	\$54,718.75
Total Billed to Date	\$763,364.65
Contract Balance Remaining	\$667,168.35

**Chapaton RTB Canal Upgrades**

Invoice #	Date	Amount	
<b>Wade Trim - Chapaton Canal Upgrades Contract Value (with Approved Change Orders) \$1,387,874</b>			
M2014218	WADE TRIM	4/1/19	\$27,661.89
M2014455	WADE TRIM	4/26/19	\$45,574.73
M2014760	WADE TRIM	5/31/19	\$123,741.89
M2015047	WADE TRIM	7/1/19	\$82,296.39
M2015870	WADE TRIM	9/24/19	\$89,256.89
M2015339	WADE TRIM	7/30/19	\$81,989.55
M2015602	WADE TRIM	8/28/19	\$78,710.44
2016150	WADE TRIM	11/1/19	\$140,190.80
2016457	WADE TRIM	12/5/19	\$131,501.95
2016836	WADE TRIM	1/3/20	\$63,603.78
2017103	WADE TRIM	1/31/20	\$96,050.13
2017374	WADE TRIM	2/28/20	\$120,258.91
2017671	WADE TRIM	3/27/20	\$100,077.90
2017951	WADE TRIM	4/29/20	\$58,377.75
2018187	WADE TRIM	6/1/20	\$8,312.67

**Jacob - Odor Evaluation Study Contract Value \$68,639**

Inv #1	JACOBS	4/16/20	\$59,892.00
Inv #2	JACOBS	5/14/20	\$8,747.00

**Tetra Tech - In-System Storage Contract Value (with Approved Change Orders) \$1,430,533**

51471309	TETRA TECH	8/2/19	\$5,891.00	
51488824	TETRA TECH	9/12/19	\$9,346.50	
51519169	TETRA TECH	11/14/19	\$105,806.32	
51532937	TETRA TECH	12/18/19	\$60,288.70	\$3,000,000.00
51533040	TETRA TECH	12/19/19	\$23,104.82	-\$1,387,874.00
51540373	TETRA TECH	1/10/20	\$60,213.92	-\$68,639.00
51548755	TETRA TECH	1/31/20	\$25,087.35	-\$1,430,533.00
51561487	TETRA TECH	3/4/20	\$37,671.68	\$112,954.00 Balance of Grant less existing contracts
51571567	TETRA TECH	4/2/20	\$42,241.43	
51583201	TETRA TECH	4/24/2020	\$17,286.00	
51597243	TETRA TECH	6/5/20	\$13,300.51	
51608770	TETRA TECH	7/8/20	\$70,565.00	
51618840	TETRA TECH	8/3/20	\$69,131.63	
51628645	TETRA TECH	8/28/20	\$86,908.25	
51644958	TETRA TECH	9/30/20	\$81,802.79	
51658188	TETRA TECH	10/30/20	\$54,718.75	
Wade Trim Invoiced To Date			\$1,247,605.67	
Jacobs Invoiced To Date			\$68,639.00	
Tetra Tech Invoiced To Date			\$763,364.65	
<b>Balance of \$3M State Grant Remaining:</b>			<b>\$920,390.68</b>	

<b>Wade Pjt Balance</b>	<b>\$140,268.33</b>
<b>JACOBS PJT Balance</b>	<b>\$0.00</b>
<b>Tetra Tech Pjt Balance</b>	<b>\$667,168.35</b>



# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

Mark A. Hackel  
County Executive

1. PREPARED BY (Please Type) <b>Michelle Houvener</b>	2. PHONE # <b>95966</b>	3. DATE <b>11/5/20</b>
4. SET ID <b>VP201106MB</b>		5. POST DATE

<b>PARENT RECORD INFORMATION</b>		
6. VENDOR NAME (Check to be issued to) <b>Wade Trim</b>	7. VENDOR NUMBER <b>V09446</b>	11. Invoice Amount <b>6,861.98</b>
8. ADDR CODE <b>02</b>	9. Invoice No (MAX = 16 CHARACTERS) <b>2019423</b>	10. Invoice Date <b>11/3/2020</b>

CHILD RECORD DETAIL INFORMATION				OPTIONAL	21. MISC	22. Sep CK		
General Ledger	Job Ledger	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV
A	8200017M	80138	80138	WO19073	8 1/2 Mile Relief	Pjt #MCW200601T, thru 9/26-10/30	\$ 6,861.98	GEN
B								
C								
D								
E								
F								
G								

23. Total: \$ **6,861.98**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:  
**Chapaton RTB Disinfection Improvements**

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	\$79,231.93
27. Engineers:		32. Staff Date:	11/17/2020
28. Managers:		33. Board Date:	12/14/2020
29. Coordinator:		34. Select For Pay Date:	



**MACOMB COUNTY PUBLIC WORKS OFFICE  
ENGINEERING INVOICE COVER SHEET**

<b>WORK ORDER NUMBER</b>	19073
<b>PROJECT NUMBER</b>	WWS-2019-017
<b>PROJECT NAME</b>	Chapaton RTB Disinfection Improvements
<b>DRAINAGE DISTRICT</b>	Eight and One-Half Mile
<b>CONSULTANT NAME</b>	Wade Trim Associates, Inc.
<b>INVOICE DATE</b>	11/3/2020
<b>INVOICE START DATE</b>	9/26/2020
<b>INVOICE END DATE</b>	10/30/2020
<b>ORIGINAL CONTRACT AMOUNT</b>	\$ 107,780.00
<b>CHANGE ORDER TOTAL</b>	\$ 74,917.50
Change Order No. 1	\$ 74,917.50
Change Order No. 2	
Change Order No. 3	
Change Order No. 4	
<b>TOTAL REVISED CONTRACT AMOUNT</b>	\$ 182,697.50
(includes all approved change orders only)	
<b>TOTAL AMOUNT PREVIOUSLY INVOICED</b>	\$ 96,603.59
<b>TOTAL AMOUNT DUE THIS INVOICE</b>	\$ 6,861.98
<b>TOTAL BUDGET REMAINING</b>	\$ 79,231.93
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)	



**WADE  
TRIM**

25251 Northline Road • Taylor, MI 48180  
734.947.9700 • www.wadetrim.com

**INVOICE**

Terms: Net 30 Days  
1.5% Per Month After 30 Days  
18% Annual Rate

ACH payments accepted. Send inquiries to remit@wadetrim.com

Remit Payment To: Wade Trim, 25251 Northline Road, Taylor, MI 48180

Attention: Vince Astorino  
Operations and Flow Manager  
Macomb County Public Works  
21777 Dunham Road  
Clinton Township, MI 48036

Invoice : 2019423  
Invoice Date : 11/3/2020  
Project : MCW200601T  
Project Name : Chapaton RTB Disinfection  
Improvements

For Professional Services Rendered For 9/26/2020 Through 10/30/2020

	Fee	Available	Billings		
			To Date	Previous	Current
	182,697.50	86,093.91	103,465.57	96,603.59	6,861.98
Rate Labor	5,972.50				
Expenses	27.58				
Unit Rate Expense	861.90				
Total Expense	889.48				

Current Billings 6,861.98  
Amount Due This Bill 6,861.98

Total Fee : 182,697.50  
To Date Billings : 103,465.57  
Total Remaining : 79,231.93



500 - Bidding

Rate Labor

Class / Employee

	Date	Hours	Rate	Amount
Total Senior Professional		0.50		130.00
<b>Total Rate Labor</b>				<b>460.00</b>

Total Bill Task: 500 - Bidding

460.00

600 - Project Management - Construction Phase

Rate Labor

Class / Employee

	Date	Hours	Rate	Amount
Senior Professional				
John Arvai				
	9/28/2020	1.00	265.0000	265.00
	10/14/2020	2.00	265.0000	530.00
	10/19/2020	0.25	265.0000	66.25
	10/22/2020	0.25	265.0000	66.25
	10/28/2020	0.50	265.0000	132.50
	10/29/2020	0.50	265.0000	132.50
Total Senior Professional		4.50		1,192.50
<b>Total Rate Labor</b>				<b>1,192.50</b>

Total Bill Task: 600 - Project Management - Construction Phase

1,192.50

700 - CEI Services - Construction Phase

Rate Labor

Class / Employee

	Date	Hours	Rate	Amount
Engineer II				
Jason Obrycki-Smith				
	10/14/2020	3.00	105.0000	315.00
	10/16/2020	0.50	105.0000	52.50
	10/20/2020	1.00	105.0000	105.00
	10/22/2020	2.50	105.0000	262.50
	10/23/2020	0.50	105.0000	52.50
	10/26/2020	1.00	105.0000	105.00
	10/27/2020	2.00	105.0000	210.00
	10/29/2020	1.00	105.0000	105.00
Total Engineer II		11.50		1,207.50
Senior Professional				
Jeffrey W Reynhout	10/27/2020	1.00	265.0000	265.00
<b>Total Rate Labor</b>				<b>1,472.50</b>

Total Bill Task: 700 - CEI Services - Construction Phase

1,472.50

800 - Expenses - Construction Phase

Expenses

Account / Vendor

	Doc Number	Date	Cost	Multiplier	Amount
Architectural/Engineering Supplies					
Jason Obrycki-Smith					
	ER000156101	9/29/2020	11.99	1.150	13.79
	ER000156102	10/29/2020	11.99	1.150	13.79
Total Jason Obrycki-Smith			23.98		27.58
Total Architectural/Engineering Supplies			23.98		27.58
<b>Total Expenses</b>					<b>27.58</b>

800 - Expenses - Construction Phase

Unit Rate Expenses

<i>Account / Unit / Vendor</i>	<i>Quantity</i>	<i>Rate</i>	<i>Amount</i>
<b>Employee Mileage - Regular Rate</b>			
<b>Employee Mileage</b>			
John Arvai	60.00	0.5700	34.20
<i>Total Unit Rate Expenses</i>			<b>34.20</b>
<b>Total Bill Task: 800 - Expenses - Construction Phase</b>			<b>61.78</b>

Total Project: MCW200601T - Chapaton RTB Disinfection Improvements

6,861.98

Work Description:

Project management and coordination of design activities, staff and team meetings. Prepared monthly invoice and progress report. Provided drawings for permit application. Assisted with execution of contact documents and NTP. Preparation and attendance at project preconstruction kick pff meeting held on October 14, 2020. Provided MCPWO with drawings sets. On site meeting with contractor. Review of contractor submittals. Began automation review for hose pumps.



Mark A. Hackel  
County Executive

# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 11/12/20
4. SET ID VP201112MA		5. POST DATE

**PARENT RECORD INFORMATION**

6. VENDOR NAME (Check to be issued to) Watson Marlow Inc.	7. VENDOR NUMBER V72067	8. ADDR CODE 01	9. Invoice No (MAX = 16 CHARACTERS) SI144579	10. Invoice Date 11/10/2020	11. Invoice Amount \$ 12,425.00
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**CHILD RECORD DETAIL INFORMATION**

Line	General Ledger		Job Ledger		15. Work Order Number	OPTIONAL		18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)					
A	8200017M	93002	CC0004	93002	WO19083			Cust #303717; Order #S132394	\$ 8,875.00	GEN		
B	8200072M	93002			WO19083			Cust #303717; Order #S132394	\$ 3,550.00	GEN		0
C												
D												
E												
F												
G												

REV 09/2018

23. Total: \$ 12,425.00

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief; Martin
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	11/17/2020
28. Managers:		33. Board Date:	12/14/2020
29. Coordinator:		34. Select For Pay Date:	

# Invoice



Fluid Technology Group

Invoice address  
 Macomb County Public Works  
 Attn: Accounts Payable Dept.  
 michelle.houvener@macombgov.org  
 21777 Dunham Road  
 Clinton Township, MI 48036  
 United States

Delivery address  
 DPWK  
 Public Works Office  
 Chapaton Pump Station  
 23001 9 Mile Road  
 Saint Clair Shores, MI 48080  
 United States

Remit Payment To:  
 Watson Marlow, Inc.  
 P.O. Box 536285  
 Pittsburgh, PA 15253-5904  
 United States

Telephone +1 800-282-8823  
 Fax +1 978-658-0041  
 orders@wmftg.us  
 www.wmftg.com

Cust VAT No. CERTIFICATE ON FILE

Inv. No. S1144579	Sales order S132394	Cust PO No.:	Invoice date 11/10/2020
Our reference Sarah Fourtzialas		Cust Account 303717	Page 1 of 2

SO Line	Item number	Description	Estimated ship date	Quantity	Unit	Sales price	Amount	Sales Tax
7.0	WM.1282	Size 1.5" Series PSR with Switch and Gauge	11/04/2020	7.00	Each	1,775.00	12,425.00	0.00
		Country/region of origin	United States					
		Quantity : 7.00 Delivery note No. : USA1-DN154509						

Purchase Order No.: PW000087 must appear on all shipping papers and invoices  
 Call (586) 469-5325 with any questions  
 Ship Order Complete  
 Submittal Point of Contact: kristofer.benda@macombgov.org  
 Kristofer Brenda

Also copy Mike Heath: mheath@mattoon-lee.com

Please note that submittal and approval is needed so we are treating this order as a project.  
 Shipped 09/29/2020  
 Via ABF Freight  
 Tracking: 335 729 236

All quotes, agreements and documentation concerning the sale of the products and/or services to be performed, shall be governed by the Watson-Marlow, Inc, general conditions of sale: <https://www.watson-marlow.com/us-en/support/terms/> All other conditions are explicitly rejected.

Bank name	Citizens Checking Account
Bank account	1134078894
SWIFT	CTZIUS33
A.B.A. ACH	211070175
A.B.A. Wire	011500120

A Spirax-Sarco Engineering Company

# Invoice



Fluid Technology Group

Invoice address  
 Macomb County Public Works  
 Attn: Accounts Payable Dept.  
 michelle.houvener@macombgov.org  
 21777 Dunham Road  
 Clinton Township, MI 48036  
 United States

Delivery address  
 DPWK  
 Public Works Office  
 Chapaton Pump Station  
 23001 9 Mile Road  
 Saint Clair Shores, MI 48080  
 United States

Remit Payment To:  
 Watson Marlow, Inc.  
 P.O. Box 536285  
 Pittsburgh, PA 15253-5904  
 United States

Telephone +1 800-282-8823  
 Fax +1 978-658-0041  
 orders@wmftg.us  
 www.wmftg.com

Cust VAT No. CERTIFICATE ON FILE

Inv. No. SI144579	Sales order S132394	Cust PO No.: PW000087	Invoice date 11/10/2020
Our reference Sarah Fourtzias		Cust Account 303717	Page 2 of 2

Packing slip	Tracking number	Shipping ref.
USA1-DN154509	1Z6640830144535246 1Z6640830145441256 1Z6640830143983264 1Z6640830143761271	

Sales tax code	Amount	Percent cash discount	Amount origin	Quantity	Sales tax amount	Description
MI-00	0.00	0.00	12,425.00	0.00	0.00	

Payment terms	30 Days
Due date	12/10/2020
Delivery terms	FOB Origin Freight Waived
Delivery mode	UPS Next Day Air

Currency	Sales subtotal amount	Charges	Sales Tax	Total
USD	12,425.00	0.00	0.00	12,425.00

All quotes, agreements and documentation concerning the sale of the products and/or services to be performed, shall be governed by the Watson-Marlow, Inc. general conditions of sale: <https://www.watson-marlow.com/us-en/support/terms/> All other conditions are explicitly rejected.

A Spirax-Sarco Engineering Company	Bank name	Citizens Checking Account
	Bank account	1134078894
	SWIFT	CTZIUS33
	A.B.A. ACH	211070175
	A.B.A. Wire	011500120



Budget to Actual  
8.5 Mile Relief  
As of Nov 30, 2020 = 16%

DESCRIPTION	2021 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
<b>REVENUE ACCOUNTS</b>					
Interest Earned	175,000		1,681	173,319	1.0%
Other Revenue	4,000		1,167	2,833	29.2%
8.5 O&M/Charge Required Revenue	4,509,865		2,254,933	2,254,932	50.0%
PY Revenue-Fund Balance	4,522,050			4,522,050	0.0%
Rental Fee	16,460		-	16,460	0.0%
<b>Total Revenue Accounts</b>	<b>9,227,375</b>	<b>-</b>	<b>2,257,781</b>	<b>6,969,594</b>	<b>24.5%</b>
<b>EXPENSE ACCOUNTS</b>					
Application/Permit Fee	6,000			6,000	0.0%
Dues, Training, Conf, Subs.	12,850		77	12,773	0.6%
<b>Engineering</b>					
Flushing systems replacement-Design	1,328,480			1,328,480	0.0%
Basin Structural Repairs-Desing & Construction	750,000			750,000	0.0%
Equipment Hatch crane replacement	100,000			100,000	0.0%
9 Mile Bypass Pipe Structural Repairs	500,000			500,000	0.0%
As needed Engineering	87,810			87,810	0.0%
Chapaton Improvements-Office Space	820,000		2,903	817,097	0.4%
Disinfection system upgrade (Design and Construction)	901,625		15,737	885,888	1.7%
Chapaton Improvements-Lab Relocation	166,910			166,910	0.0%
In-System Storage-Construction & Const Admin	2,250,000		54,719	2,195,281	2.4%
9 Mile Bypass Design	44,165			44,165	0.0%
New Equipment	15,500			15,500	0.0%
Office Supplies	750			750	0.0%
Operating Supplies	63,700			63,700	0.0%
Other Professional Srvcs	46,700		369	46,331	0.8%
Personnel Services	1,061,320			1,061,320	0.0%
Repair & Maintenance	161,000		14,227	146,773	8.8%
Pumping and screening improvements	211,540		19,173	192,367	9.1%
SRF Replacement Reserve	259,215			259,215	0.0%
Scada System	165,710		404	165,306	0.2%
Utilities	274,100		7,566	266,534	2.8%
<b>Total Expense Accounts</b>	<b>9,227,375</b>	<b>-</b>	<b>115,175</b>	<b>9,112,200</b>	<b>1.2%</b>

	O&M Balance 9/30/2020	O&M	Total 11/30/2020
Cash - Operating	12,629,705	2,142,606	14,772,311
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		2,257,781	2,257,781
Expenditures		115,175	115,175
			0
Equity*	12,629,705		14,772,311

**Detail of 2020 Equity\***

Disinfection system upgrade (Design and Construction)	832,752	Pumping and screening improve	319,594
Chapaton Improvements-Office Space/HVAC	736,909	SCADA Reserve	84,385
Chapaton Improvements-Lab Relocation	250,000	Capital Reserve	1,118,359
LSCWWI 04B Transfer	738,112	PLC Replacements at Chapaton Ea:	40,000
Project Contribution from Macomb Cty	2,000,000	As Needed Engineering	88,981
In System Contribution from SEMSD	1,000,000	Design 9 Mile Bypass	27,283
Expansion Contribution From State	975,109	Flushing Study	75,000
In-System Storage Design/Const Admin/Const	2,250,000	Pickup Truck	19,500
SRF Replacement Reserve	2,073,720		