

## AGENDA

### Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

**February 16, 2022 – 11:30 a.m.**

Office of the Oakland County Water Resources Commissioner  
One Public Works, Building 95 West  
Waterford, Michigan, and Microsoft Teams

1. Call meeting to order

Board Members:

Michael Gregg, Chair, Michigan Department of Agriculture and Rural Development  
Candice Miller, Macomb County Public Works Commissioner  
Jim Nash, Oakland County Water Resources Commissioner

2. Motion to approve the meeting agenda for February 16, 2022
3. Motion to approve the Drainage District Board Meeting Minutes from January 19, 2022
4. Public Comment
5. Memorandum requesting the Board to approve the engineering services agreement with Jacobs to provide engineering services related to the Design of Odor and Corrosion Control Systems
6. Motion to approve the following Change Orders:
  - a) Walsh Construction Change Order No.19 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$20,518.24
  - b) Doetsch Industrial Services, Inc. Change Order No. 4 for the OMID Immediate Repairs Project for a net decrease in the amount of \$7,435.00
7. Motion to approve the following Construction Estimates:
  - a) Construction Estimate No.16 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$915,238.14 with a transfer to the Oakland County Treasurer in the amount of \$99,820.91
  - b) Construction Estimate No.11 for Marra Services for NI-EA Contract No. One for PCI 4 Rehabilitation in the amount of \$558,333.90 with a transfer to the Oakland County Treasurer in the amount of \$62,037.09
8. Report/Update – Status of OMID Repairs Project
9. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing
10. Motion to approve the following invoices:

a)	Reimbursement of Oakland County WRC-Incurred Expenses and Costs		
1)	Labor/Fringes/Non-Direct Labor Factor		
	• Segment 5 NI-EA Construction		\$ 7,497.31
	• Segment 5 NESPS Mech./Elect. Construction		\$ 30,119.43
2)	Equipment Charges		
	• Segment 5 NI-EA Construction		\$ 319.88
	• Segment 5 NESPS Mech./Elect. Construction		\$ 2,692.89
b)	ASI, Inc.		
1)	Invoice No. 35	NESPS	\$ 80,669.03
2)	Invoice No. 36	NESPS	\$ 75,960.15
c)	Clark Hill		
1)	Invoice No. 1168115	NI-EA	\$ 495.10
2)	Invoice No. 1168195	NI-EA	\$ 4,770.50
3)	Invoice No. 1168196	O&M	\$ 3,510.00
d)	CSM Mechanical		
1)	Invoice No. NEPS Maintenance	O&M	\$ 1,703.00
2)	Invoice No. 22OMIDDD-001	O&M	\$ 13,946.50
3)	Invoice No. 21OMIDDD-019	O&M	\$ 2,160.00
4)	Invoice No. 21OMIDDD-017	O&M	\$ 1,333.20
e)	Hesco		
1)	Invoice No. 2213372	O&M	\$ 9,609.50
2)	Invoice No. 2213373	O&M	\$ 13,957.50
3)	Invoice No. 2213381	O&M	\$ 5,485.00
4)	Invoice No. 2213371	O&M	\$ 4,690.00
f)	Konecranes		
1)	Invoice No. 154604811	O&M	\$ 4,646.19
2)	Invoice No. 154604812	O&M	\$ 9,244.90
g)	Motor City Electric Company		
1)	Invoice No. 93771	O&M	\$ 405.00
2)	Invoice No. 93797	O&M	\$ 180.00
3)	Invoice No. 93798	O&M	\$ 135.00
4)	Invoice No. 93800	O&M	\$ 306.00
5)	Invoice No. 93801	O&M	\$ 270.00
6)	Invoice No. 93802	O&M	\$ 135.00
7)	Invoice No. 93803	O&M	\$ 90.00
8)	Invoice No. 93804	O&M	\$ 180.00
9)	Invoice No. 93952	O&M	\$ 135.00
10)	Invoice No. 94001	O&M	\$ 90.00
11)	Invoice No. 94002	O&M	\$ 657.74
12)	Invoice No. 94003	O&M	\$ 180.00
h)	NTH Consultants, Ltd		
1)	Supplementary Support Services at NESPS Invoice No. 1	O&M	\$ 21,931.16
2)	Consulting Services for System Inspect. Invoice No. 6	O&M	\$ 10,882.74
3)	Contract No. 1 PCI-4 Invoice No. 14	NI-EA	\$ 58,988.02
4)	NI-EA – Engineering Design Services Rehabilitation of NI-EA Sections PCI-4 Invoice No. 32	NI-EA	\$ 9,693.45
5)	Repairs – OMID System Immediate Repairs		

	Invoice No. 36	O&M	\$	1,445.84
6)	Rehabilitation Program 2021 Closeout Services			
	Invoice No. 61	O&M	\$	5,134.30
i)	Rotor Electric Company			
1)	Invoice No. 12476	O&M	\$	3,120.23
2)	Invoice No. 12477	O&M	\$	1,918.00
3)	Invoice No. 12478	O&M	\$	46,764.30
4)	Invoice No. 12479	O&M	\$	6,072.05
5)	Invoice No. 12480	O&M	\$	7,404.05

11. Other Business

12. Adjourn

Next Regular Meeting: March 16, 2022 11:30 a.m., Eastern Standard Time.

**Agenda Item No. 3**

Board Meeting Minutes from January 19, 2022

**MINUTES OF THE REGULAR MEETING OF THE DRAINAGE BOARD  
FOR THE OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT**

January 19, 2022

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held at the office of the Oakland County Water Resources Commissioner, One Public Works Drive, Building 95 West, Waterford, Michigan on the 19<sup>th</sup> day of January at 11:30 a.m. Eastern Standard Time and via Microsoft Teams.

**PRESENT:**

Michael Gregg, Chairperson and Deputy for Gary McDowell, Director of the Michigan Department of Agriculture and Rural Development; Candice Miller, Member and Macomb County Public Works Commissioner; and Jim Nash, Secretary and Oakland County Water Resources Commissioner.

**OTHERS PRESENT:**

Representing the office of the Macomb County Public Works Commissioner: Brian Baker and Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Anne Vaara, Brian Coburn, Sid Lockhart, Joel Brown, Raphael Chirolla, Kelsey Cooke, Megan Koss, and Stephanie Lajdziak. Others in attendance: Fritz Klingler, FK Engineering; Larry Gilbert, NTH Consultants; Jeff Ragle and Shawn Phelps, OC Fiscal Services; Phillip Anderson and Patrick Kennedy, Meadowbrook Insurance; Terry Moore, Metco; Joe Colaianne and John Axe, Clark Hill; Jason Matteo, Jacobs

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 11:41 a.m.

2. Agenda.

Motion by Miller, supported by Nash, to approve the January 19, 2022 agenda as presented.

ADOPTED: Yeas - 3  
Nays - 0

3. Minutes.

Motion by Nash, supported by Miller, to approve the minutes of the December 15, 2021 meeting.

ADOPTED: Yeas - 3  
Nays - 0

4. Public Comment.

None.

5. Meadowbrook Insurance Group insurance renewal proposal for the property, public entity liability and pollution liability policies.

Patrick Kennedy of Meadowbrook Insurance provided information to the board regarding the status of the Drainage District's property insurance. Mr. Kennedy indicated that a

policy of this type presented challenges in the current marketplace. Discussion ensued as to coverage possibilities and potential future action. Motion by Miller, supported by Nash, to authorize the Board to bind and effectuate the insurance coverage as presented, and approve the invoices pertaining to the various policies subject to renewal.

ADOPTED: Yeas - 3  
Nays - 0

6. Engineering Work Order.

The following Engineering Work Orders were submitted to the Board for approval:

- a) NTH Engineering Work Order No. D-440 for project developments related to air quality and pressure readings within project zones for a not-to-exceed amount of \$84,926. Motion by Miller, supported by Nash, to approve the Engineering Work Order as presented.

ADOPTED: Yeas - 3  
Nays - 0

- b) Metco Engineering Work Order No. 441 for additional efforts and services related to flow operations and control structure maintenance for a not-to-exceed amount of \$952,233.20. Motion by Miller, supported by Nash, to approve the Engineering Work Order as presented.

ADOPTED: Yeas - 3  
Nays - 0

7. Change Order.

The following Change Orders were submitted to the Board for approval:

- a) Walsh Construction Change Order No. 18 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$99,835.40. Motion by Nash, supported by Miller, to approve the Change Order as presented.

ADOPTED: Yeas - 3  
Nays - 0

- b) Inland Waters Pollution Control Inc. Change Order No. 12-FINAL for Segment 2, Contract 3. Motion by Miller, supported by Nash, to approve the Change Order as presented.

ADOPTED: Yeas - 3  
Nays - 0

- c) Inland Waters Pollution Control Inc. Change Order No. 2-K FINAL for Segment 2, Contract 3 Gatehouse Repairs for a net decrease in the amount of \$90,463.17. Motion by Miller, supported by Nash, to approve the Change Order as presented.

ADOPTED: Yeas - 3  
Nays - 0

8. Construction Pay Estimates.

The following Construction Pay Estimates were submitted to the Board for approval:

- a) Construction Estimate No. 15 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$773,483.30 with a transfer to the Oakland County Treasurer in the amount of \$85,942.58. Motion by Nash, supported by Miller, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3  
Nays - 0

- b) Construction Estimate No. 10 for Marra Services for NIEA Contract No. One for PCI 4 Rehabilitation in the amount of \$714,300.75 with a transfer to the Oakland County Treasurer in the amount of \$79,366.76. Motion by Miller, supported by Nash, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3  
Nays - 0

9. Report/Update – Status of OMI Project, Segments 1 through 4, NESPS and NI-EA.

Fritz Klingler of FK Engineering presented the Project Progress Update to the Board and summarized the status of various projects. Motion by Miller, supported by Nash, to receive and file the report and summary.

ADOPTED: Yeas - 3  
Nays - 0

10. Financial Reports.

Shawn Phelps of OC Fiscal Services presented the financial reports for Segments 1 through 5 and the NESPS. Motion by Nash, supported by Miller, to receive and file the financial reports.

ADOPTED: Yeas - 3  
Nays - 0

11. Invoices.

The following invoices were submitted to the Board for approval:

- a) Reimbursement of Oakland County WRC-Incurred Expenses and Costs
- 1) Labor/Fringes/Non-Direct Labor Factor
    - Segment 5 NI-EA Construction \$ 5,425.40
    - Segment 5 NESPS Mech./Elect. Construction \$ 21,479.87
  - 2) Equipment Charges
    - Segment 5 NI-EA Construction \$ 154.00
    - Segment 5 NESPS Mech./Elect. Construction \$ 1,735.48
  - 3) Mileage

	• Segment 5 NESPS Mech./Elect. Construction		\$	352.80
4)	Reimbursement			
	• Macomb Invoice No. ARP220002		\$	19,485.48
b)	CH2M			
	1) Invoice No. 36	O&M	\$	5,826.41
c)	Clark Hill			
	1) Invoice No. 1156890	O&M	\$	2,430.00
	2) Invoice No. 1156891	NI-EA	\$	1,983.30
	3) Invoice No. 1158898	NI-EA	\$	6,415.00
d)	CSM Mechanical			
	Invoice No. 21OMIDDD-018	O&M	\$	7,653.23
e)	Kennedy Industries			
	1) Invoice No. 628098	O&M	\$	2,001.00
	2) Invoice No. 628679	O&M	\$	5,372.00
	3) Invoice No. 626474	O&M	\$	968.00
	4) Invoice No. 626860	O&M	\$	200.00
	5) Invoice No. 626724	O&M	\$	320.00
	6) Invoice No. 626662	O&M	\$	681.00
	7) Invoice No. 625937	O&M	\$	1,646.45
	8) Invoice No. 625890	O&M	\$	418.00
	9) Invoice No. 624928	O&M	\$	1,078.00
f)	Mersino			
	1) Invoice No. 89737	O&M	\$	436,788.53
	2) Invoice No. 90425	O&M	\$	230,670.13
g)	METCO			
	Invoice No. 1811-39	O&M	\$	70,054.95
h)	Motor City Electric Company			
	1) Invoice No. 94154	O&M	\$	377.39
	2) Invoice No. 94156	O&M	\$	180.00
	3) Invoice No. 94150	O&M	\$	270.00
	4) Invoice No. 94152	O&M	\$	90.00
	5) Invoice No. 94151	O&M	\$	360.00
	6) Invoice No. 94155	O&M	\$	270.00
i)	NTH Consultants, Ltd			
	1) Contract No. 1 PCI-4			
	Invoice No. 13	NI-EA	\$	80,861.67
	2) Eng./Consult. Services NESPS CMT			
	Invoice No. 14	NESPS	\$	691.54
	3) NI-EA – Engineering Design Services Rehabilitation of NI-EA Sections PCI-4			
	Invoice No. 31	NI-EA	\$	39,719.14
	4) Repairs – OMID System Immediate Repairs			
	Invoice No. 35	O&M	\$	523.71
	5) Rehabilitation Program 2021 Closeout Services			
	Invoice No. 60	NI-EA	\$	6,374.07
j)	PMA Consultants			
	1) Invoice No. 03559.01-19	NESPS	\$	8,757.36
k)	Rotor Electric Company			
	1) Invoice No. 12466	O&M	\$	4,183.71

2)	Invoice No. 12465	O&M	\$ 4,788.00
3)	Invoice No. 12464	O&M	\$ 55,168.77
4)	Invoice No. 12463	O&M	\$ 51,211.41
5)	Invoice No. 12462	O&M	\$ 110,033.73
l)	Ultima Investment Group Easement Ultima	NI-EA	\$ 5,000.00

Motion by Nash, supported by Miller to approve the invoices as presented.

ADOPTED: Yeas - 3  
Nays - 0

12. Other Business.

13. Closed Session regarding the Drainage District “Work in Progress” Reporting

A motion made by Miller, supported by Nash, to enter into closed session at 1:26 pm to discuss the Drainage District’s attorney memorandum as permitted under section 8(h) of the Open Meetings Act, which is exempt from public disclosure as subject to the attorney-client privilege pursuant to section 13(1)(g) of the Freedom of Information Act.

ADOPTED: Yeas - 3  
Nays - 0

Chairperson Gregg declared the closed session ended at 1:57 p.m.

It was moved by Miller, supported by Nash, to authorize Drainage District legal counsel to proceed consistent with the discussion in closed session:

ADOPTED: Yeas - 3  
Nays - 0

14. Adjourn.

Motion by Miller, supported by Nash, to adjourn the January 19, 2022, meeting at 1:56 p.m.

ADOPTED: Yeas - 3  
Nays - 0

Next Regular Meeting: February 16, 2022 at the *Office of the Oakland County Water Resources Commissioner, One Public Works, Building 95 West, Waterford, Michigan* and electronically at 11:30 a.m., Eastern Standard Time.

I hereby certify that the foregoing constitutes the minutes of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District, at a meeting held on January 19, 2022 and that the meeting was conducted and public notice was given in compliance with the Open Meetings Act being Act 267, Public Acts of Michigan, 1976, as amended, and that the minutes were kept and will be or have been made available to the public as required by the Act.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this 19<sup>th</sup> day of January 2022.



---

Jim Nash, Secretary  
Oakland-Macomb Interceptor Drain Drainage Board

## **Agenda Item No. 4**

### Public Comment

**Agenda Item No. 5**

**Recommendation to Enter Into Contract with Jacobs for  
Design of Odor and Corrosion Control Facilities Within  
the Oakland-Macomb Interceptor Drain**



## Oakland-Macomb Interceptor Drain Drainage District

**TO: Michael Gregg, Chairperson  
Oakland-Macomb Interceptor Drain Drainage Board**

**FROM: Joel Brown, P.E. Oakland County Water Resources Commissioner's Office  
Stephen Downing, P.E. Macomb County Public Works Commissioner's Office**

**SUBJECT: Approval of Engineering Service Agreement with Jacobs for the Design of Odor and Corrosion Systems Within the OMID**

**DATE: February 16, 2022**

A Request for Proposals (RFP) for the Design of Odor and Corrosion Control Systems Within the OMID System was posted on the Michigan Intergovernmental Trade Network (MITN) on December 3, 2021. On January 14, 2022 bids were received from Jacobs Consultants, Inc. (Jacobs) and Tetra Tech of Michigan, PC (Tetra Tech). Each proposal was individually scored by a 4-person panel according to an established rubric based off the requirements of the RFP. The rubric centered around four core areas with the following weights:

- Technical Proposal (45%)
- Experience and Qualifications (15%)
- Project Team and Key Individuals (20%)
- Project Cost and Schedule (20%)

The individual scores from each panel member were averaged to develop an overall score for each company. The overall average score is shown in Table 1.

Table 1. Summary of RFP Score

	Overall Score
Jacobs	94.75
Tetra Tech	88.13

As shown in Table 1, the highest scoring firm was Jacobs. The panel unanimously agreed that while both firms can perform the work to high standards, Jacobs offered the better modeling-design engineering package with their previous study experience and knowledge of the system. As such, the panel unanimously agreed that Jacobs be retained under contract to perform the design of odor and corrosion systems within the OMID.

**Requested Action: Approve the attached engineering services agreement with Jacobs to provide engineering services related to the Design of Odor and Corrosion Control Systems Within the OMID.**

**ENGINEERING SERVICES AGREEMENT**  
**OMID ODOR AND CORROSION CONTROL FACILITIES**  
**MACOMB COUNTY, MICHIGAN**  
**BETWEEN**  
**JACOBS CONSULTING, INC.**  
**AND**  
**OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE**  
**DISTRICT**  
**BUILDING 95 WEST – ONE PUBLIC WORKS DRIVE**  
**WATERFORD, MICHIGAN 48328-1907**

The Oakland County Water Resources Commissioner, as a County Agency for the Oakland-Macomb Interceptor Drain Drainage District, One Public Works Drive Bldg. 95 West, Waterford, MI 48328 ("Owner") and Jacobs Consulting, Inc. 30800 Telegraph Rd #4900 Bingham Farms, MI 48025 ("Engineer") enter into this Agreement for engineering services ("Agreement"), effective the \_\_\_\_ day of \_\_\_\_\_, 2022 for the project known as "OMID Odor and Corrosion Control System Project" (the "Project").

## 1. DOCUMENTS CONSTITUTING THE ENGINEERING SERVICES AGREEMENT

1.1. The Agreement consists of the following documents, which together form the contract between the Owner and Engineer:

- .1 This Engineering Services Agreement (DC-391 Part A).
- .2 The forms selected with an "X" below:

PRE-391 – PRELIMINARY ENGINEERING PHASE SERVICES

DPS-391 – DESIGN PHASE SERVICES

AMS-391 – ASSET MANAGEMENT SERVICES

BID-391 – BIDDING SERVICES

CON-391 – CONSTRUCTION PHASE SERVICES

SUR-391 – CONSTRUCTION SURVEYING AND LAYOUT SERVICES

RE-391 – RESIDENT ENGINEER SERVICES

RPR-391 – RESIDENT PROJECT REPRESENTATIVE SERVICES

ADD-391 – ADDITIONAL SPECIAL SERVICES

Engineer's Proposal, dated 1/14/22

- .3 The Engineering Services Agreement Standard Terms and Conditions (DC-391 Part B).



Design Phase Services	\$ <u>507,163</u>
Asset Management Services	\$ <u>0</u>
Bidding Services	\$ <u>45,597</u>
Construction Phase Services	\$ <u>0</u>
Construction Surveying and Layout	\$ <u>0</u>
Resident Engineer (RE) Services	\$ <u>0</u>
Resident Project Representative (RPR) Services	\$ <u>0</u>
Additional Special Services	\$ <u>0</u>

**5.3.** All terms and conditions governing payment are contained within Section 9 of the Engineering Services Agreement Standard Terms and Conditions (DC-391 Part B).

IN WITNESS WHEREOF, the parties hereto have executed this Engineering Services Agreement as of the day and year first referenced in this Engineering Services Agreement.

WITNESS

OAKLAND COUNTY WATER RESOURCES  
COMMISSIONER OR DRAINAGE DISTRICT NAME

Signature:

\_\_\_\_\_

\_\_\_\_\_

Print Name:

Jim Nash

\_\_\_\_\_

Title:

Oakland County Water Resources  
Commissioner, OMIDDD Secretary

WITNESS

Engineer:

\_\_\_\_\_

Signature:

\_\_\_\_\_

Print

Name:

\_\_\_\_\_

Title:

\_\_\_\_\_

Approved as to form:

\_\_\_\_\_  
Oakland County Water Resource Commissioner's Legal Counsel

## **Agenda Item No. 6**

### **Change Orders**

**CHANGE ORDER NO. NINETEEN**

Oakland Macomb Interceptor Drain, Drainage District (OMIDDD)  
 For Construction of the Pump and Electrical Upgrades Project  
 Northeast Sewage Pumping Station (NESPS)

Located in the City of Detroit, Wayne County, Michigan

**CONSTRUCTION MANAGER,  
 AT RISK (CMAR)  
 Walsh Construction Co. II, LLC**

**Authorization for:**

- 1.) Provide new conduit and wiring for electrical feed to the Dry Well Elevator controls following removal of the existing MCC-3; 2.) Supply and install circuit breakers in Lighting Panel to power cooling fans to the Transformers No. T-5 and T-6; 3.) Provide conduit and wiring to the new Electrical Room Air Purification system.

\*\*\*\*\*

Address: Walsh Construction Co. II LLC  
3031 West Grand Blvd., Suite 640  
Detroit, MI 48202

Change Order No. 19 Date: February 04, 2022

	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
19 -1	<p><b><u>LOCATION:</u></b></p> <p>The Northeast Sewage Pumping Station;                      Detroit, Wayne County, Michigan</p> <hr/> <p><b><u>DESCRIPTION (Extra/ Add):</u></b></p> <p>Provide new conduit and wiring extending from a spare breaker in the Low Voltage Motor Control Center (LV-MCC) #2 to the Dry Well Elevator Machine Room.</p> <p><b><u>REASON:</u></b></p> <p>The original Motor Control Center # 3 was demolished as part of the overall NESPS electrical system rehabilitation. This change resulted in a requirement to provide new upgraded wiring circuitry from a spare breaker source in the LV-MCC to the Dry Well Elevator Control Panel.</p> <p>Attachment: Walsh PCI No. 970057</p>	LS	1 ea.	\$11,760.14	\$11,760.14	-0-

**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 19**

	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
19 -2	<p><b><u>DESCRIPTION (Extra/Add):</u></b></p> <p>Provide conduit and wiring to furnish electrical power to the cooling fans on new Transformers Nos.T-5 and T-6.</p> <p><b><u>REASON:</u></b></p> <p>A Pre-Energization inspection by the supplier of Transformers T-5 and T-6 recognized that circuitry needed to provide power to the cooling fans was not supplied. This additional electrical feed (2 circuits) was provided from Lighting Fan LP-2.</p> <p>Attachment: Walsh PCI No.970106</p>	LS	1 ea.	\$5,839.61	\$5,839.61	-0-
19 -3	<p><b><u>DESCRIPTION: (Extra/ Add):</u></b></p> <p>Provide conduit and wiring for the proposed new Air Filtration System in the Electrical Room.</p> <p><b><u>REASON:</u></b></p> <p>The Electrical Room interior space includes an air filtration system designed to maintain a "clean air environment" necessary for the proper operation and maintenance of the sensitive electrical and control equipment located there. While the filtration system was provided for in the Contract documents, the general electrical provisions did not address this additional power demand. This additional power supply circuit will be furnished from a spare breaker in Power Panel PP-2.</p> <p>Attachment: Walsh PCI No. 970112</p> <p align="center">*****</p> <p align="center"><b>End of Change Order No. 19 Line Items</b></p>	LS	1 ea.	\$2,918.49	\$2,918.49	-0-
					Amount Increase	Amount Decrease
				Totals	\$20,518.24	-0-
				Net Changes (Increase)	\$20, 518.24	-----

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 19

Prepared By:  
Lawrence T. Gilbert, P.E.  
NTH Consultants, Ltd.

*Lawrence T. Gilbert*

Date: 02-04-2022

Recommended By:  
John Michalski, P.E.  
Engineer of Design, Applied Science, Inc.

*John Michalski*

Date: 2/8/2022

Approved By:  
Joel Brown, P.E.  
Project Manager, WRC

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

Approved By:  
Stephen Downing  
Construction and Maintenance Manager, Macomb County Public Works

*Stephen Downing*

Date: 2/10/2022

Approved By:  
Sid Lockhart, P.E.  
Manager of Special Projects, WRC

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

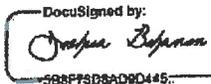
Approved by:  
Steve Korth, P.E.  
Manager, WRC

*Steven Korth*

Date: 2/14/2022

All of Construction Manager's contractual obligations remain in place and are applicable to all work and payments identified herein. No adjustment to contract time or price shall be made for these issues except as set out in this, or by a subsequent related, Change Order.

The Construction Manager agrees to do the work described above and agrees to accept Contract time adjustments in full on the basis indicated.

Accepted by:  Stephen Behar Title vice President Date Feb-04-2022 | 8:16 AM CST

of: Walsh Construction Co. II, Inc.

The Construction Manager is hereby authorized and instructed to do the Work described above in accordance with the terms of the Contract, as amended.

This Change Order No. 19 was approved by the Drainage Board on: Date: \_\_\_\_\_

## Attachment No. 1 to Change Order No. Nineteen

The Engineer has reviewed the items included in this Change Order and confirms that these adjustments to the Contract are reasonable and in accordance with industry standards and the requirements of the Contract.

*Contract Status Summary*  
Change Order No. Nineteen  
OMID NESPS Pump & Electrical Upgrades Project

*Construction Manager at Risk: Walsh Construction Co. II*

Project Award Date (Pre-Construction Services)	December 16, 2019
Notice to Proceed Date (Construction Phase)	October 23, 2020
Contract Substantial Completion Date	March 24, 2023
Contract Final Completion Date	June 23, 2023
Original GMP Contract Value (Including Control Structure 9)	\$ 42,863,185.19
Pre-Construction Phase, Unused Budget	\$ 70,196.70
Previous C.O. Values, # 7, 8, 9, 10, 11, 12, 13, 14, 15,16, 17 & 18	\$ 1,984,517.21
Change Order Value, this C.O. # 19	\$ 20,518.24
<b><i>Adjusted GMP Contract Value (incl. this C.O. # 19)</i></b>	<b>\$ 44,938,417.34</b>

**CHANGE ORDER NO. 4**

**Oakland-Macomb Interceptor Drain Drainage District Board  
For Construction of the OMID Immediate Repairs  
Various Locations in Macomb County, MI**

Authorization for Extras To & Changes In Contract

Department No.: 6010101  
Fund No.: 84917  
Project No.: 1-3015

Account No. : 731472  
Program No. : 149015  
Project Activity: FAC

Contractor:  
Doetsch Industrial Services, Inc.  
21221 Mullin  
Warren, MI 48089

Contract No. : 5928  
Date of Contract: 1/8/2020  
Completion Date: 7/24/2020  
Extended to: 7/31/2022

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
4-A	<b>LOCATION:</b> OMID System - PCI- 11A					
4-A	<b>DESCRIPTION (Change/Delete):</b> Deduct removal and disposal of sludge, sediments and debris in interceptor between MH PCI-11A-106 to MH PCI-11A-105 and MH PCI-11A-104 to PCI-11A-103.	TON	-35.0	\$1,000.00	---	\$35,000.00
4-A	<b>REASON:</b> The estimated volume of debris was significantly less than expected. The weight of material removed from the sewer was less than 1 ton. The reason for the build up of material was due to delamination of the CIPP liner. Solids in the sewer were catching on the CIPP liner. The CCTV camera couldn't get past the buildup of material. Doetsch cleaned the sewer and discovered the damaged CIPP.					

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
4-B	<b>LOCATION:</b> OMID System - 11A					
4-B	<b>DESCRIPTION (Extra/Add):</b> Add time and material cost for cleaning PCI-11A sewer.	LS	1.0	\$27,565.00	\$27,565.00	---
4B	<b>REASON:</b> Doetsch completed the cleaning of the PCI-11A sewer. This work was done under a time and material basis using the units rates established under the As-Needed contract between Doetsch and Oakland County. An inspector from NTH was present during the cleaning process to monitoring and record the time.					
Totals					\$27,565.00	\$35,000.00
Net Decrease					---	\$7,435.00

**CHANGE ORDER NO. 4**

**Oakland-Macomb Interceptor Drain Drainage District Board  
For Construction of the OMID Immediate Repairs  
Various Locations in Macomb County, MI**

Prepared by: Evangelos Bantios Date: 1/31/2022  
Evangelos Bantios, P.E. - WRC Civil Engineer III

Recommended by: [Signature] Date: 1/31/2022  
Joel Schanne, P.E - NTH Consultants, Ltd.

Approved by: Stephen Downing Date: 2/2/2022  
Stephen Downing - Const. & Maint. Manager, MCOPWC

Approved by: [Signature] Date: 2/2/2022  
Joel Brown, P.E. - Chief Engineer, OCWRC

The Contractor agrees to do the work described above and agrees to accept payment in full on the basis indicated.

Accepted by: [Signature] Date: 1/31/2022  
Joseph Schotthoeffer, IV - Vice President  
Doetsch Industrial Services, Inc.

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
Sid Lockhart, P.E. - Special Projects Manager, OCWRC

The Contractor is hereby authorized and instructed to do the work described above in accordance with the terms of the Contract.

This Change Order No. 4 was approved by the Drain board on:

**Contract Status Summary  
Change Order No. 4**

Contractor: Doetsch Environmental Servies

Notice to Proceed Date:	January 8, 2020
Contract Substantial Completion Date:	April 10, 2021
Contract Final Completion Date:	July 31, 2022
Original Contract Value:	\$ 1,352,801.00
Previous C.O. Values:	\$ 236,265.00
Change Order Value, C.O. # 4	(\$7,435.00)
<b>Adjusted Contract Value</b>	<b>\$ 1,581,631.00</b>

**Agenda Item No. 7**

Construction Estimates

**OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD**  
**Northeast Sewage Pumping Station- Pump and Electrical Upgrades Project**  
**Located in the City of Detroit, Wayne County, Michigan**

**Regular Construction Estimate No. SIXTEEN**  
**Page One of Two**

**January 01, 2022 through January 31, 2022**

Department No.:	6010101	Account No.:	731472
Fund No.:	84917	Program No.:	149015
Project No.:	1-3309	Activity:	FAC

<b>Construction Manager at Risk:</b>	Vendor # 23191	LI 43331; exp. 12/16/22	
Walsh Construction Co.		Date of Contract:	Dec. 16, 2019
3031 West Grand Boulevard, Suite 640		Final Completion Date:	July 28, 2023
Detroit, MI 48202	Contract No. 5977		

---

Orig. GMP amount for Pump & Elec. Upgrades Project, not including CS-9 and Pre-Const. Balance	\$44,107,745.18
Expended Pre-Construction Phase Amount	(\$1,174,363.30)
<i>Unused Pre-Construction Phase Budget</i>	(\$70,196.70)
<i>CS-9 Budget from GMP</i>	(\$3,251,117.72)
NESPS Pump & Elec. Upgrades Original Contract Budget	\$39,612,067.46
Change Orders, This Estimate: C.O. No. 18	\$99,835.40
Previous C.O.s: (C.O.# 7, 8, 9, 10, 11,12, 13, 14, 15, 16 and 17)- <i>Corrected Value</i>	\$1,884,681.81
Unused Pre-Construction Phase Budget	\$70,196.70
<b>Adjusted Construction Contract Amount:</b>	<b>\$41,666,781.37</b>
<hr/>	
Sub-Total To Date: (CS-9 Costs are Not included on this Estimate)	\$19,592,734.08
Less Deductions:	None
Gross Estimate: (Work in Place) Complete = 47.0%	\$19,592,734.08
Less Amount Reserved (Incl. Partial Subcon. Reductions - See Schedule)	\$1,891,708.31
Total Amount Allowed To Date:	\$17,701,025.77
Less Previous Estimates:	\$16,785,787.63
Current Payment Due	\$915,238.14
Reserve Pay to Contractor:	\$0.00
Balance to Finish: \$ 22,074,047.29	Accounting Auditor:
<hr/>	
Amount To Be Reserved (From Above): )	\$1,891,708.31
Less Previous Transfers To Reserve (N/I CS-9 Contract Retention)	\$1,791,887.40
<b>Amount of Current Transfer</b>	<b>\$99,820.91</b>

OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD  
Northeast Sewage Pumping Station- Pump and Electrical Upgrades Project  
Located in the City of Detroit, Wayne County, Michigan  
Walsh Construction Co. II; Construction Manager at Risk

Regular Construction Estimate No. Sixteen  
Page Two of Two

1/01/ 2022 through 1/31/ 2022

Prepared by: 

Date: 02-07-2022

Lawrence T. Gilbert, P.E.; NTH Consultants Ltd.

Recommended by: 

Date: 2/9/2022

John Michalski, P.E., ASI

Recommended by: 

Date: 2/11/22

Joel Brown, P.E. Oakland County WRC

Recommended by: 

Date: 2/10/2022

Stephen Downing; Macomb County OPWC

Approved for Payment by: \_\_\_\_\_

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

Sid Lockhart, P.E.; Special Projects Manager, Oakland County WRC

Regular Construction Estimate No. 16 (January, 2022)

Approved By Board On: \_\_\_\_\_

**OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD**  
**For Construction of the NI-EA OMID Contract 1 - PCI 4 Rehabilitation**  
**Located in the City of Detroit, Wayne, Michigan**  
**Project ID 1-00000003308**

Regular Construction Estimate No. 11

Period: 1/01/22 through 1/31/22

Department No.:	6010101	Account No.:	731472
Fund No.:	84917	Program No.:	149015
Project No.:	100000003308	Activity:	FAC

Contractor:	Vendor # 29656 Contract # 6323
Marra Services, Inc.	LI # 44838 exp. 1/20/23
700 E. 73 rd. Street	Date of Contract: January 21, 2021
Cleveland, OH 44103	Final Completion Date: September 9, 2022

Original Construction Contract Amount	\$14,732,510.00
Previous Change Orders: No. One	\$664,392.00
Change Orders This Estimate: None	\$0.00
Total Net Change Orders:	\$664,392.00
<b>Adjusted Contract Amount:</b>	<b>\$15,396,902.00</b>
<hr/>	
Sub-Total To Date	\$7,038,857.75
Less Deductions: None	\$0.00
Gross Estimate, Work in Place (45.71 % Complete)	\$7,038,857.75
Less Amount Reserved (10%)	\$703,885.77
Total Amount Allowed To Date:	\$6,334,971.98
Less Previous Estimates	\$5,776,638.08
Net Payment Request To Be Paid To Contractor:	\$558,333.90
Reserve Payment to Contractor:	\$0.00
<b>Balance to Finish: \$8,358,044.25</b>	<b>Accounting Auditor:</b>
Amount to be Reserved from Above	\$703,885.77
Less Previous Transfers To Reserve:	\$641,848.68
Amount of Current Transfer	\$62,037.09

Prepared by: *Lawrence T. Gilbert*  
 Lawrence T. Gilbert, P.E.; NTH Consultants Ltd.

Date: 02-07-2022

Recommended by: *Saju Sachidanandan*  
 Saju Sachidanandan, P. E.; NTH Consultants Ltd.

Date: 02-08-2022

Recommended by: *Joel Brown*  
 Joel Brown, P.E. Oakland County WRC

Date: 2/11/22

Recommended by: *Stephen Downing*  
 Stephen Downing; Macomb County OPWC

Date: 2/10/2022

Approved for Payment by: \_\_\_\_\_  
 Sid Lockhart, P.E.; Special Projects Manager, Oakland County WRC

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

**Agenda Item No. 8**

Report/Update – Status of OMID  
Project, Segments 1 through 4, NESPS,  
NI-EA

# Oakland Macomb Interceptor Drain (OMID) Repairs Project Progress Update

Prepared by:

F. Klingler, P.E., B. Kelly, P.E., FK Engineering Assoc.  
S. Sachidanandan, P.E., L. Gilbert, P.E., NTH Consultants, Ltd.  
J. Michalski, P.E., Applied Science, Inc.; T. Moore, Metco Services, Inc.  
J. Matteo, P.E., Jacobs Engineering, Inc.

## February 16, 2022 OMIDDD Board Meeting

---

The following provides a status update as of the writing of this report (February 4, 2022) for the work completed for the Oakland-Macomb Interceptor Drain Repair Program (SRF Segments 1-4; Contract 7 PCI-4 repairs; Maintenance Repairs in PCI-5 through PCI-11A; Control Structure Modifications; NIEA Repairs; NESPS Upgrades; Odor/ Corrosion Control System, and other related work):

### SRF Segment 1 Status:

**Contracts 1&2: Complete**

**System-wide Odor/Corrosion Study – Contract Extended to 5/15/2022**

Engineering Consultant: Jacobs

#### Project Budget Summary (including EWOs):

- |   |              |
|---|--------------|
| • Adjusted Project Budget (including EWOs and Fan Testing Allowance): | \$567,447.00 |
| • Total Spent (through May 2021):                                     | \$566,441.58 |
| • Additional Data Gathering Budget Expenditure to date:               | \$ 0.00      |

#### Status of Major Project Tasks:

- System-wide Odor/Corrosion Study and additional requested work is substantially complete. Jacobs delivered on May 28, 2021 a draft technical memorandum that summarizes the NI-EA Phase 1 odor sampling recently performed at the NESPS and in PCI-4. Jacobs is currently performing additional data gathering (H2S and pressure readings) within the NIEA and OMID portions of the system to further evaluate impacts from flow control sequencing. Final Report will be updated to reflect new data, once gathered and evaluated.

### SRF Segment 2 Status:

**Contract 3 (Base Contract & C.O. 2E-2J): Complete**

### SRF Segment 3 Status:

**Contract 4: Complete**

# February 16, 2022 OMIDDD Board Meeting

---

## SRF Segment 4 Status:

### Contract 5A/5B: Complete

- City of Utica Use Agreement for access paths is pending; awaiting final authorization.

### Contract 6: Complete

**Contract 7 (NIEA 110 feet of Emergency Rehab) – Complete, although** deterioration noted in early 2021; also see NIEA Contract 1 Summary. A further manned inspection of PCI-4 adjacent to the NESPS gatehouse is planned for early 2022, pending access availability. Representatives of the Project Owner, the Contractor, the Engineer, and the lining manufacturer have participated in an effort to better understand the deteriorating condition of the current spray-on cementitious lining material. A report from the manufacturer’s representatives is anticipated following the results of their expected lab analysis of the retained sample material. This initial section of PCI-4 is currently planned for re-lining (using GFRPMP) under NIEA OMID Contract 1 (PCI-4 Rehabilitation).

## NESPS Odor/Corrosion Control System (No Segment or Contract No.):

### Construction Complete

## NESPS & OMID Maintenance & Repairs Status:

**Amt Invoiced:** \$199,701 thru July, 2021 out of current \$353,000 ASI engineering budget; Does not include Metco budget for ongoing flow control, maintenance, and coordination.

**Schedule Status:** Ongoing

### Status of Emergency Contingency Plan for pumping during total power loss or other catastrophic system failure:

- Mersino Dewatering is under contract for standby emergency bypass pumping.
- The OMIDDD Project Team is currently designing an approach for keeping the 15 Mile Road bypass pumping arrangement intact. Plans are now in place for demobilization of the pumping and support equipment, with the bypass piping remaining on site pending final decisions on a potential permanent installation.
- The OMIDDD Design Team has met initially to discuss modifications to the current DRAFT Emergency Plan, based on the lessons learned from the July 2021 partial implementation of the plan.
- Remaining items in the final emergency plan include punch-list and optimization steps for electrification, the modification of one manhole, modifications at the 15-Mile Road Site, and overall optimization of the Emergency Plan per above.

# February 16, 2022 OMIDDD Board Meeting

---

## **Additional work being performed under Metco Maintenance Contract for NESPS:**

- Flow control operations related to OMID/MID/NIEA sewer repair and upgrade projects are ongoing.
- Mechanical and Electrical corrective/preventative maintenance schedules continue.
- Coordination between GLWA, MID, NESPS, and Pump/Electrical Upgrade Project has not affected station operations nor hindered performance or abilities to meet demands.
- Wet well sediment inspection and barscreen cleaning took place Jan 21, 2022. Very minor changes. Sediment levels averages slightly over 4.5 feet. Bar screens remain clear of blockages. Complete report on file.
- The OMIDDD Project Team continues to research methods for using high pressure water onsite for bar screen cleaning. National Liquid Blasting has now submitted a Proposal for a “Proof of Concept” approach to the cleaning methodology, and it is under review by the Team members.
- NESPS Health and Safety Plan finalized.

## **Overall Station Performance Report:**

- Sanitary pump #2 repairs completed, installed, and tested in the field on January 12, 2022. Initial tests were successful, but the pump experienced a VFD fault/alarm shortly after repair. As a precaution, the pump was taken out of the rotation and re-inspected by MCE and IPS (Integrated Power Services). After a thorough inspection and testing, both the motor and exciter were found to be in good condition and the pump was put in standby for the time being. Report on file.
- Specific data logging software has been installed within the VFD drive PLC. Three VFD faults caught the attention of Siemens. They are working on addressing exciter issues with the VFD and Motor. Meeting to resolve this issue conducted February 4, 2022.
- Sanitary Pumps #2 #4, #5, and #6 ready for duty with no issues to report. Total pump capacity equals 500-cfs.
- Existing Wet-well level sensors hardware (conduits, cabling, wiring, etc.) are under review by HESCO. The recommendation is to replace this equipment and the report is on file.
- Sanitary Pump #1 remains out of service as part of the upgrade project. The Pump #1 knife gate valve has been removed under flow control. It is flanged off with no leaks.
- Existing Transformer 4 and Standby Generator remain for supply and back-up.
- New Transformer 3 has been energized and tied to the existing switchgear.
- NEXGEN asset management in use.
- Gas detection faults/alarms have been investigated by contractor and reviewed by the OMID team in both dry and wet wells. Protocols related to alarming have been modified by OMIDDD.
- NESPS HVAC system performing as designed after two failed components were replaced by Dunbar Mechanical.
- Bio Filter performance normal with no odor complaints or issues to report. Parameters checked daily and shared with Bio Aire on a weekly basis.

## February 16, 2022 OMIDDD Board Meeting

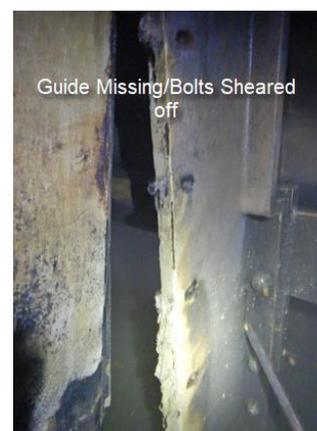
- Overall General Housekeeping tasks in order. Minor maintenance activities addressed in a timely manner.

### Control Structures Performance Report (CS-5, CS-6, CS-7, CS-8):

- Daily flow control operations now support MID/OMID/NIEA repair and improvement projects.
- All LOTO protocols are in-place with no major issues to report.
- System-wide communications are good.
- CS-6 gate is out of service. On January 14, 2022, a sewer gate disc was found out of the guide frame and the gate was frozen 30% open. Per the immediate Hesco inspection, the right side of the guide was missing along with related hardware. On January 15, 2022, the gate disc was removed. Note: CS-6 does not impact the ability to provide storage support (used primarily to allow for dewatering between CS-6 and CS-7). Discussions on next step approach are underway.
- Preventative maintenance tasks are underway. Emergency inspections (to confirm no similar damage as the CS-6 event) are also underway at each OMID Control Structure sites. (CS-5, CS-7 and CS-8).
- CS-7 in stand-by mode ready for service.
- CS-8 in stand-by mode ready for service.
- CS-5 in stand-by mode ready for service.
- CS-9 developed actuator oil leaks on both gate #1 and #2. Repairs are complete. CS-9 gate cleaning and level sensor calibration certification completed and accepted by OMID. CS-9 leak test and Hobas lining inspection also completed. Hobas lining repair scheduled for upcoming spring. CS-9 is providing storage support for NIEA related repair tasks. Data from daily storage/release operations are being analyzed by ASI.
- Routine daily rounds and inspection made with no major maintenance issues to report at this time.



Gate disc issue at CS-6



### Other System Operation Issues

- O&M Manual currently being revised to include new structures, recently modified structures, new monitoring equipment, and recent inspection and repair status.
- EGLE has informally agreed to consent to use of all flow control structures for long term flow control. Request for formal consent is under review by them.

## February 16, 2022 OMIDDD Board Meeting

---

### OMID Control Structure Upgrades Status:

**Amt Invoiced:** \$69,772 Engineering services to date; Total design and construction budget currently established as \$500,000 (including contingencies and admin/legal).

**Schedule Status:** Construction of cover mods substantially complete 8/14/20

- Hatch and Access improvements complete, CSM Contract closed-out.
- CS-5, CS-6, CS-7, and CS-8 mechanical repairs have been completed by HESCO and control structures are in stand-by mode, ready for service.
- HESCO has provided a study of control structures that evaluates long-term operability. This document is currently under review, and design for upgrades is in planning stages.

### OMID System 3-Year Spot Repairs and 6-Year Inspection Status:

**Amt Invoiced:** Total design and construction budget for 3-Year repairs currently is established as \$1,352,801 (including contingencies and admin/legal).

**Schedule and Progress Status:**

- Remaining 3-year spot repair work consists of step removal at one manhole in PCI-8, delayed due to access issues and timing of other work.
- The 6-Year inspection began July 8, 2021. After delays due to flow control, inspections have resumed and will continue through February 2022.
- Some damage noted to the CIPP Liner installed in 42" section of PCI-11A. Design Team is finalizing options for repair.

### NIEA Repairs (Design/Construction)

**Amt Invoiced:** \$2,171,998 out of currently projected study/design budget of \$2,400,570; Total design and construction budget currently is \$44,168,770 (including contingencies and admin/legal). The current value of work completed is \$7,038,857.75 that represents 45.7% of the Contract sum., based on the current application for payment, and including stored materials.

**Schedule Status:** Contract 1: The project is currently behind schedule due in part to flow control issues; however, the Contractor is varying the work sequencing schedule to improve the current schedule delay impacts. The Project Owner representatives, the Engineer, and the Contractor have engaged in workshop sessions to discuss the schedule issues, with preliminary understandings reached that will serve to (partially) mitigate the current delay duration.

Contract 2: 100% design work complete; expected to bid in early to mid 2022 pending permit resolution and coordination with GLWA projects that impact flow control requirements.

Progress for both contracts is summarized:

# February 16, 2022 OMIDDD Board Meeting

---

## Contract 1 (PCI-4 Rehabilitation):

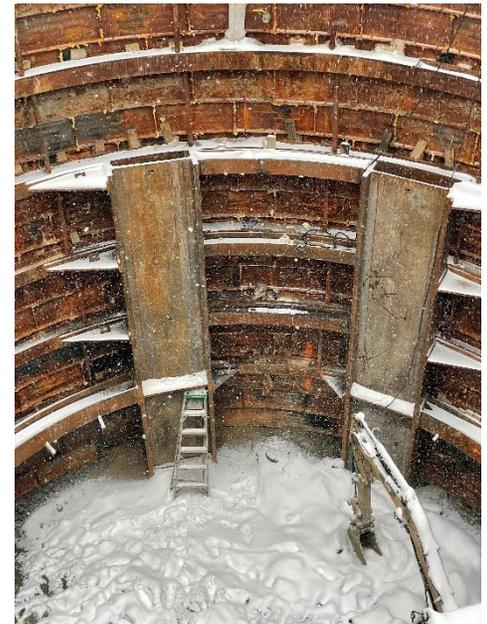
- Access shaft excavation and liner-plate TERS has advanced to the approximate springline of the PCI-4 Interceptor. Soil and groundwater conditions continue to be favorable.
- Work has also commenced on the installation of the structural steel portal bracing within the access shaft; no flow control measures are required for this activity.
- Geotechnical monitoring of construction activities indicates continuing stable conditions.
- Delivery of Channeline lining segments continues, with all material now within the continental United States (originally shipped from Dubai, UAE) and the majority of materials now onsite.
- Manufacture of the QuakeWrap Carbon Fiber lining material has now commenced at a facility in Hastings, MI, and will be delivered to the jobsite on an “as-needed” basis.



Status of internal ribs on January 17, 2022



Debris cleaned from downstream of PCI-4, including structural steel from original gatehouse discharge piping support frames



Downstream Portal beam on February 3, 2022

## Contract 2 (PCI -18/19 Rehabilitation)

- NI-EA OMID Contract No. 2 PCI-18 & 19 Rehabilitation 100% has been workshopped with OMIDDD and is ready for advertisement, pending final easements and GLWA agreement.
- Flow control necessary to complete Contract 2 work is expected to impact a downstream GLWA project (DB-226). Contract 2 is being structured such that potential interference between the two contracts can be mitigated.
- Current City of Detroit permitting issues have also forced delay of the bid advertising date (now expected in April 2022). Modest progress has been made in acquiring permits and efforts continue.
- A protocol for inspection and monitoring to compliment the pilot study is drafted and is included in the 100% design package.

## February 16, 2022 OMIDDD Board Meeting

- Working with GLWA to develop cost sharing agreement; Draft agreement is currently being reviewed by GLWA Legal.

The **draft** line item schedule and budget are summarized:

Work Item/ Milestone	Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
Lining Study Final Report	\$126,744		10/30/2019
90%, 100% Design Package			3/20/2020 and 4/28/2020 (Contract 1) 4/16/2021* and TBD* (Contract 2)
MDEQ Submittal (Part 41)			4/28/2020 (Contract 1) TBD* (Contract 2)
Issued for Bid			6/10/2020 (Contract 1) TBD* (Contract 2)
Bid Opening			9/30/2020 (Contract 1) April 2022* (Contract 2)
Contract Award and NTP			12/16/2020 and 1/04/2021 (Contract 1) TBD* (Contract 2)
Subtotal - Design	\$2,400,570		
Final Completion of Construction	\$3,500,000	\$35,000,000	07/23/2022* (Contract 1) 10/30/2023* (Contract 2)

\*Estimated Date

### NESPS Pump and Electrical Upgrades Project

**Budget Status:** \$1,280,139 billed out of current Design Budget of \$1,382,430; \$968,018 out of the current CCA Budget of \$2,443,262. Total construction budget currently established as \$44,938,417.34, including contingencies and admin/legal, through proposed C.O. #19). The total amount invoiced to date as of January 31, 2022 is 22,851,026.33 (including the now completed and operational Control Structure 9 Bulkhead Gate facility), representing 50.8% of the combined project (Pump & Electrical Upgrades and CS-9 Gate Installation) adjusted contract value of \$44,980,999.39.

**Schedule Status:** Current reported delivery dates of the main sewage pumps and motors are delayed, but gradually improving. These delays may ultimately impact substantial and final completion dates by several months. The Construction Manager is working to find options for schedule improvement, and has now accepted delivery of the major "Metal-Clad Substation gear" which represents a major milestone in the overall schedule.

The following Design Team Effort work is active:

- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.

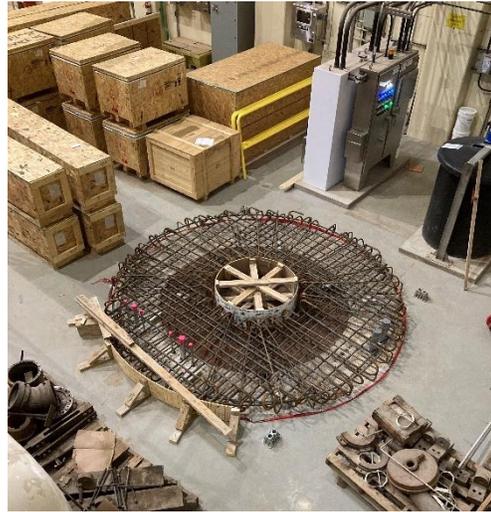
The following Construction Services work is active:

- Construction Phase services (RFI's, Submittals) are ongoing, and the engineering team is reviewing and responding.

# February 16, 2022 OMIDDD Board Meeting

- Knife gate #1 has been removed and is currently undergoing rehabilitation.
- Interior electrical work is approaching completion with conduit and switchgear installation proceeding favorably. The Electrical building is now enclosed with the installation of overhead doors complete and temporary heat sources in operation.
- Discharge piping work is underway on Pumps # 1 and # 3, including pressure testing.
- Chemical injection to seal groundwater infiltration at the existing discharge pipe wall penetrations is substantially complete, with final efforts on hold to observe the initial stages of grouting and determine if further measures may be required for final leak control.
- Small diameter conduit runs are being installed in the existing NESPS building with favorable progress, now approaching substantial completion for this activity.
- The **draft** line item schedule and budget are summarized:

Work Item/ Milestone	Design/CCA Budget	Const Budget	Estimated Delivery Date
2 Final Basis of Design			5/31/2019
7 MDEQ Submittal (Part 41 Permit)			4/8/2020 (initial pkg)
8 90% Design Submittal			6/30/20
9 Final Package Development			8/14/2020
Subtotal	\$3,826,000	\$44,100,000	
10 Substantial Completion	\$2,500,000 (est.)	\$44,100,000 (est.)	3/24/2023
11 Final Completion			6/23/2023

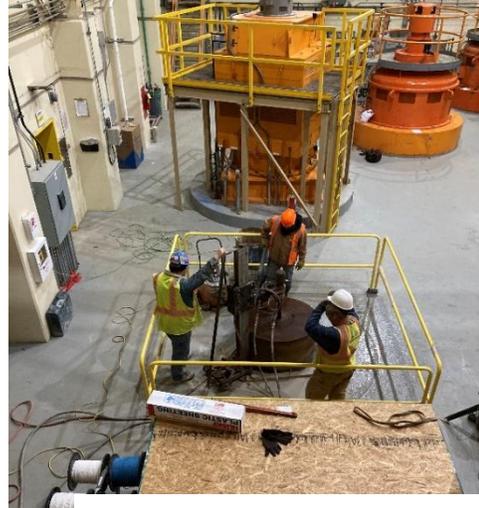


**Construction of Pump #1 Base**

# February 16, 2022 OMIDDD Board Meeting



Delivery of driveshaft component, January 11, 2022



Coring shaft floor for Pump #3

## CS-9 Gate Installation

### Budget Status:

Total construction budget currently established as approximately \$3,314,218.01

### Schedule Status:

Engineering/Design efforts complete; Work is now estimated at 99% complete based on current Progress Payment Applications, and the project is moving through final adjustments for equipment operation and flow control monitoring.

The following work is active:

- All major work is complete and the Hydrogate gate is in regular use for flow control management.
- Site restoration is substantially complete and will be fully completed in Spring 2022.
- HOBAS representatives and Insurance Adjusters (Builder's Risk Insurance Claim) have been on-site to assess the damage from hatch covers that fell into the sewer. Doetsch Environmental is engaged to provide repair services. Repairs will also be necessary on the platform. This work will be performed in Spring 2022.



CS-9 Project location

## February 16, 2022 OMIDDD Board Meeting

### Summary of OMID Design and Construction Status:

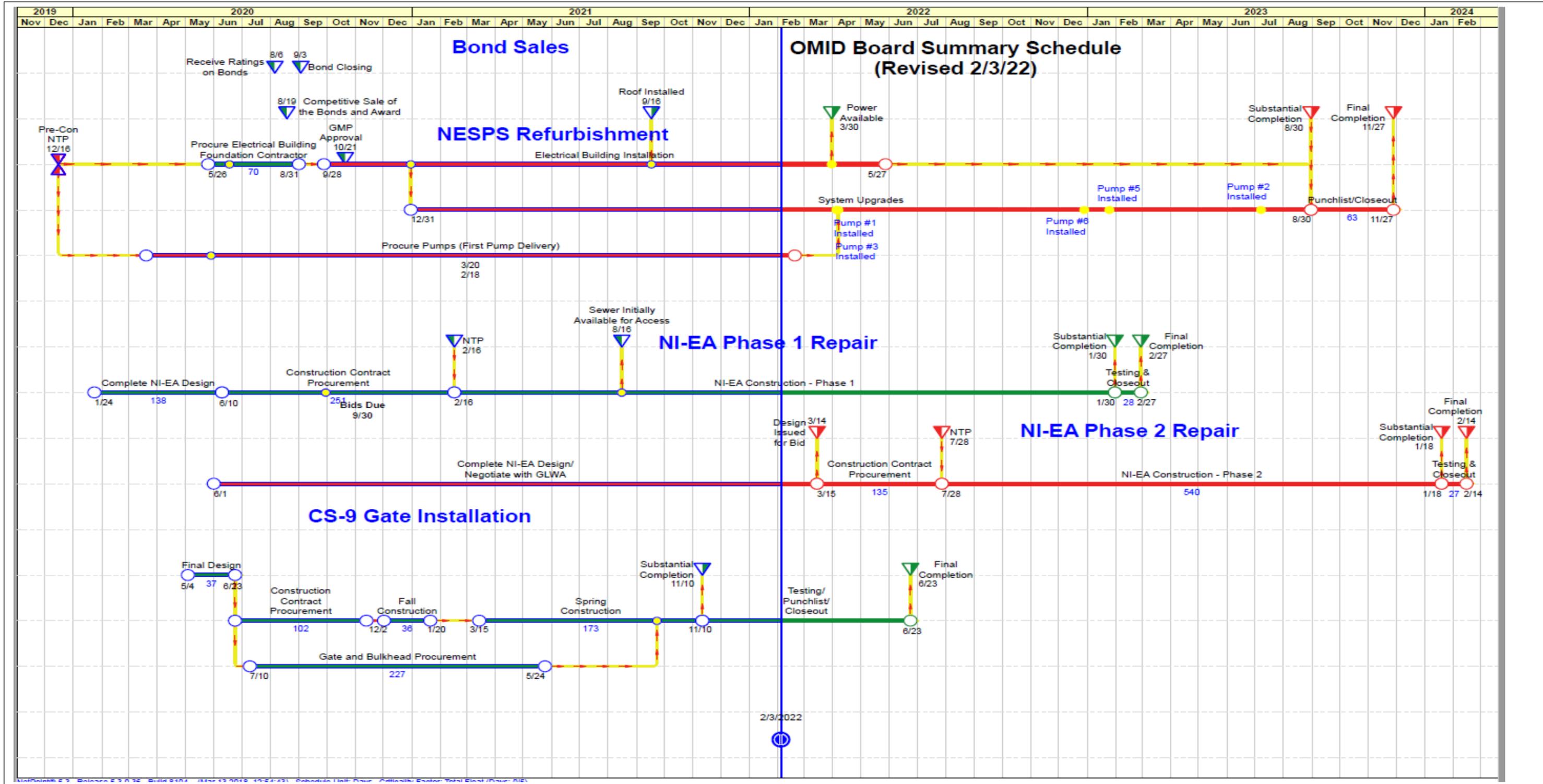
Work In Construction Since 2009							
Seg. No	Contract No. (Description)	Contractor	Const. Comp?	As-Builts Final?	Balancing Change Order?	Contractor Closed Out?	Easements Settled?
1	Contract 1 (CS-9, 5, 3)	Ric-Man	Y	Y	Y	Y	Y
1	Contract 2 (CS-6, 7, 8)	Ric-Man	Y	Y	Y	Y	Y
2	Contract 3-2E (Gatehouse)	IWPC (Weiss)	Y	Y	Y*	Y	N/A
2	Contract 3 (Grouting PCI-5 thru 8)	IWPC	Y	Y	Y	Y	Y
3	Contract 4 (Lining PCI-5 thru 8)	Jay Dee Cont.	Y	Y	Y	Y	Y
4	Contract 5 (Lining PCI-9, 10A/B)	Lanzo	Y	Y	Y	Y	N
4	Contract 6 (Lining PCI-11A)	Lanzo	Y	Y	Y	Y	Y
N/A	Contract 7 (Lining 110' of NIEA)	IWPC	Y	Y	Y	Y	N/A
N/A	Odor/Corrosion Control System	CSM	Y	Y	Y	Y	N/A
N/A	Control Structure Modifications	CSM/Hesco/MCE	Y/Y/Y	Y/Y/N	Y/N/N	Y/N/N	N/A
N/A	OMID Maintenance Repairs	Doetsch	Y	N	N	N	N/A
N/A	CS-9 Gate Modifications	Walsh as CMR	Y	N	N	N	Y
N/A	NESPS Pump & Electrical Upgrade	ASI;Walsh as CMAR	N	N	N	N	Y
N/A	NIEA-OMIDDD Contract 1 (PCI-4)	Marra	N	N	N	N	N

\* In process with Coating Issues Resolution and Change Order and Memo of Understanding approvals in review

Work Currently in Design/Study/Engineering		
Description	Design Consultant	Status
System-wide Odor/Corrosion Study	Jacobs	Study Complete, modifications pending
NESPS & OMID Maintenance & Repairs	Metco	Engineering/Maintenance Ongoing
NIEA-OMIDDD Contract 2 (PCI-18/19)	NTH	Design ~99% Complete; pursuing cost sharing w/ GLWA
Emergency Pumping Plan	ASI/FKE	Design Complete; minor field work remains. System successfully tested; Draft Plan to be modified



# February 16, 2022 OMIDDD Board Meeting



OMID Project Schedule Summary



**Agenda Item No. 9**

Financial Reports – General Financial Report and  
Status of State Revolving Fund Financing and  
Other Financing

ACCOUNT		Oakland Macomb InterceptorSeg4 100000001913	OMI NESPS GATEHOUSE SEG4 100000002232	NESPS Odor Corrosion Stdy Seg4 100000002708	YTD Balance
100100	Cash - Operating	0.00	0.00	0.00	0.00
104100	Accrued Interest on Investment	42,295.44	0.00	0.00	42,295.44
	Revenues	507.61	(7,602.55)	7,094.94	0.00
697551	Issuance of Bonds	561.05	(8,402.83)	7,841.78	0.00
	Expenditures	151.20	8,598.91	350.82	9,100.93
	Special Items- Uses	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(43,515.30)	7,406.47	(15,287.54)	(51,396.37)
		(0.00)	0.00	(0.00)	0.00

SRF (SAW Loan) final draw request received January 2017.

Cash as of 1/31/2022	\$	-
Invoices/Reimbursements for Seg 4 on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS NIEA-East Arm on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS Odor Corrosion Study on Current Agenda impacting Cash Balance		0.00
<b>Total Net Cash Balance</b>	<b>\$</b>	<b>-</b>

## Water Resources Commissioner

### PROJECT WORK IN PROGRESS

#### Oakland Macomb Interceptor Seg4

**10000001913**

(as of January 31, 2022)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>ADM - Administration</b>				
730926 - Indirect Costs		0.00	63,879.05	
730940 - Insurance		0.00	67,871.13	
731115 - Licenses and Permits		0.00	320,000.00	
731521 - Public Services		0.00	14,235.58	
732165 - Workshops and Meeting		0.00	29.66	
771638 - Drain Equip Labor		0.00	4,607.71	
771639 - Drain Equipment		0.00	269.47	
<b>Administration TOTALS</b>				
	390,165.00	0.00	470,892.60	(\$80,727.60)
<b>ENG - Engineering</b>				
731346 - Personal Mileage		0.00	18,616.01	
731521 - Public Services		0.00	40,605.00	
771638 - Drain Equip Labor		0.00	791,387.01	
771639 - Drain Equipment		0.00	84,680.70	
<b>Engineering TOTALS</b>				
	484,153.00	0.00	935,288.72	(\$451,135.72)
<b>ENGCON - Engineering Consultant</b>				
730639 - Engineering Services-Other		0.00	3,594,242.60	
731073 - Legal Services		0.00	108.00	
<b>Engineering Consultant TOTALS</b>				
	3,275,248.00	0.00	3,594,350.60	(\$319,102.60)
<b>FAC - Facility Acquisition</b>				
731472 - Project Construction and Impr		0.00	14,058,313.68	
731521 - Public Services		0.00	6,798.84	
750294 - Material and Supplies		0.00	228.00	
<b>Facility Acquisition TOTALS</b>				
	15,225,614.00	0.00	14,065,340.52	\$1,160,273.48
<b>INS - Inspection</b>				
730373 - Contracted Services		0.00	473.03	
731521 - Public Services		0.00	16,935.91	
<b>Inspection TOTALS</b>				
	17,408.00	0.00	17,408.94	(\$0.94)
<b>LEGAL - Legal and Financial</b>				
730639 - Engineering Services-Other		0.00	8,398.96	
730940 - Insurance		0.00	54,526.58	
731073 - Legal Services		0.00	124,753.11	
793938 - Discount on Bonds		0.00	6,964.10	
<b>Legal and Financial TOTALS</b>				
	191,321.00	0.00	194,642.75	(\$3,321.75)
<b>ROW - Right of Way</b>				
731563 - Recording Fees		0.00	50.67	
<b>Right of Way TOTALS</b>				
	0.00	0.00	50.67	(\$50.67)

## Water Resources Commissioner

### PROJECT WORK IN PROGRESS

#### Oakland Macomb InterceptorSeg4

**10000001913**

(as of January 31, 2022)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>Project 10000001913 - Oakland Macomb InterceptorSeg4</b>			
<b>Total Project Expenses</b>			
<b>Budget Amount</b>	<b>Month-to-Date Expenses</b>	<b>Life-to-Date Expenses</b>	<b>LTD Variance</b>
\$19,583,909.00	\$0.00	\$19,277,974.80	\$305,934.20
<b>Total Project Revenue</b>			
<b>Account</b>	<b>Month-to-Date Revenue</b>	<b>Life-to-Date Revenue</b>	
605572-Special Assessments	(\$5,141.73)	\$8,332,360.91	
615572-State Capital Grants	\$0.00	\$1,105,350.77	
655077-Accrued Interest Adjustments	\$0.00	\$42,295.44	
655385-Income from Investments	\$0.00	\$651,137.07	
697551-Issuance of Bonds	(\$5,682.97)	\$699,126.05	
697753-State Revolving Fund Loans	\$0.00	\$8,490,000.00	
<b>TOTAL REVENUE</b>	<b>(\$10,824.70)</b>	<b>\$19,320,270.24</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$42,295.44</b>	

## Water Resources Commissioner

### PROJECT WORK IN PROGRESS

#### OMI NESPS GATEHOUSE SEG4

**10000002232**

(as of January 31, 2022)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>ADM - Administration</b>				
730926 - Indirect Costs		0.00	1,217.23	
771638 - Drain Equip Labor		0.00	53.43	
<b>Administration TOTALS</b>	9,472.00	0.00	1,270.66	\$8,201.34
<b>CONT - Contingency</b>				
<b>Contingency TOTALS</b>	93,209.00	0.00	0.00	\$93,209.00
<b>ENG - Engineering</b>				
771638 - Drain Equip Labor		0.00	13,790.23	
771639 - Drain Equipment		0.00	598.96	
<b>Engineering TOTALS</b>	59,699.00	0.00	14,389.19	\$45,309.81
<b>ENGCON - Engineering Consultant</b>				
730639 - Engineering Services-Other		-1,675.14	1,290,710.41	
<b>Engineering Consultant TOTALS</b>	496,981.00	-1,675.14	1,290,710.41	(\$793,729.41)
<b>FAC - Facility Acquisition</b>				
731472 - Project Construction and Impr		0.00	3,456,264.64	
<b>Facility Acquisition TOTALS</b>	3,748,637.00	0.00	3,456,264.64	\$292,372.36
<b>INS - Inspection</b>				
771638 - Drain Equip Labor		0.00	1,277.93	
771639 - Drain Equipment		0.00	59.93	
<b>Inspection TOTALS</b>	5,000.00	0.00	1,337.86	\$3,662.14
<b>LEGAL - Legal and Financial</b>				
731073 - Legal Services		0.00	1,456.00	
<b>Legal and Financial TOTALS</b>	6,000.00	0.00	1,456.00	\$4,544.00

<b>Project 10000002232 - OMI NESPS GATEHOUSE SEG4</b>			
<b>Total Project Expenses</b>			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$4,418,998.00	(\$1,675.14)	\$4,765,428.76	(\$346,430.76)
<b>Total Project Revenue</b>			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$5,141.73	\$2,442,316.94	
697551-Issuance of Bonds	\$5,682.97	\$2,323,111.82	
<b>TOTAL REVENUE</b>	<b>\$10,824.70</b>	<b>\$4,765,428.76</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		(\$0.00)	

## Water Resources Commissioner

### PROJECT WORK IN PROGRESS

#### NESPS Odor Corrosion Study Seg4

**10000002708**

(as of January 31, 2022)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>ADM - Administration</b>				
730926 - Indirect Costs		0.00	25,041.48	
730940 - Insurance		0.00	184,130.93	
<b>Administration TOTALS</b>	188,148.00	0.00	209,172.41	(\$21,024.41)
<b>CONT - Contingency</b>				
<b>Contingency TOTALS</b>	637,000.00	0.00	0.00	\$637,000.00
<b>ENG - Engineering</b>				
771638 - Drain Equip Labor		0.00	123,668.71	
771639 - Drain Equipment		0.00	4,628.70	
<b>Engineering TOTALS</b>	206,253.00	0.00	128,297.41	\$77,955.59
<b>ENGCON - Engineering Consultant</b>				
730373 - Contracted Services		0.00	1,317,523.99	
<b>Engineering Consultant TOTALS</b>	1,073,000.00	0.00	1,317,523.99	(\$244,523.99)
<b>FAC - Facility Acquisition</b>				
730352 - Construction		0.00	779,225.00	
731472 - Project Construction and Impr		0.00	4,268,094.51	
<b>Facility Acquisition TOTALS</b>	4,600,000.00	0.00	5,047,319.51	(\$447,319.51)
<b>INS - Inspection</b>				
771638 - Drain Equip Labor		0.00	212,352.47	
771639 - Drain Equipment		0.00	32,443.08	
<b>Inspection TOTALS</b>	190,343.00	0.00	244,795.55	(\$54,452.55)
<b>LEGAL - Legal and Financial</b>				
731073 - Legal Services		0.00	1,744.00	
<b>Legal and Financial TOTALS</b>	15,000.00	0.00	1,744.00	\$13,256.00
<b>ROW - Right of Way</b>				
<b>Right of Way TOTALS</b>	46,000.00	0.00	0.00	\$46,000.00
<b>STD - Standard Operation</b>				
730926 - Indirect Costs		0.00	3,729.80	
731906 - Testing Services		0.00	31,382.05	
771638 - Drain Equip Labor		0.00	4,613.57	
771639 - Drain Equipment		0.00	2,460.66	
<b>Standard Operation TOTALS</b>	38,010.00	0.00	42,186.08	(\$4,176.08)
<b>SUR - Survey Crew</b>				
<b>Survey Crew TOTALS</b>	10,246.00	0.00	0.00	\$10,246.00

## Water Resources Commissioner

### PROJECT WORK IN PROGRESS

#### NESPS Odor Corrosion Stdy Seg4

**10000002708**

(as of January 31, 2022)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>Project 10000002708 - NESPS Odor Corrosion Stdy Seg4</b>			
<b>Total Project Expenses</b>			
<b>Budget Amount</b>	<b>Month-to-Date Expenses</b>	<b>Life-to-Date Expenses</b>	<b>LTD Variance</b>
\$7,004,000.00	\$0.00	\$6,991,038.95	\$12,961.05
<b>Total Project Revenue</b>			
<b>Account</b>	<b>Month-to-Date Revenue</b>	<b>Life-to-Date Revenue</b>	
605572-Special Assessments	\$0.00	\$3,273,276.82	
697551-Issuance of Bonds	\$0.00	\$3,717,762.13	
<b>TOTAL REVENUE</b>	<b>\$0.00</b>	<b>\$6,991,038.95</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>(\$0.00)</b>	

YTD Trial Balance

Fund: 84917 Oakland Macomb InterceptorSeg5

As of Fiscal Period: Month 4, 2022

Run By: WRC\_REPORTING

Run: 02/09/2022 at 09:42 PM

Scope: 84917 Oakland Macomb InterceptorSeg5

ACCOUNT		OMID Segment 5 100000003252	OMID NI-EA CONSTRUCTION 100000003308	NESPS MECH-ELEC CONSTRUCTION 100000003309	YTD Balance
100100	Cash - Operating	1,412,829.57	13,615,979.64	33,362,523.74	48,391,332.95
104100	Accrued Interest on Investment	(179,005.85)	0.00	0.00	(179,005.85)
151000	Restricted Cash	0.00	3,381,615.00	0.00	3,381,615.00
222300	Unearned Revenues	(208,809.66)	(4,224,457.35)	(8,046,142.99)	(12,479,410.00)
	Revenues	459,203.62	0.00	0.00	56,991.83
	Expenditures	0.00	2,343,186.09	3,632,504.00	5,975,690.09
	Special Items- Uses	0.00	0.00	0.00	0.00
381315	FB Restricted Debt	(47,288,433.00)	0.00	0.00	(47,288,433.00)
382100	FB Committed for Capital Proj	45,804,215.32	(15,116,323.38)	(28,948,884.75)	2,141,218.98
		0.00	0.00	0.00	(0.00)

Cash as of 01/31/2022 \$ 48,391,332.95

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (73,947.07)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (156,629.18)

Total Net Cash Balance \$ 48,160,756.70

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**OMID NI-EA CONSTRUCTION**  
**10000003308**  
 (as of January 31, 2022)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>ADM - Administration</b>				
<b>Administration TOTALS</b>	584,000.00	0.00	0.00	\$584,000.00
<b>CONT - Contingency</b>				
<b>Contingency TOTALS</b>	2,581,000.00	0.00	0.00	\$2,581,000.00
<b>ENG - Engineering</b>				
771638 - Drain Equip Labor		7,497.31	80,161.73	
771639 - Drain Equipment		319.88	3,157.50	
<b>Engineering TOTALS</b>	478,000.00	7,817.19	83,319.23	\$394,680.77
<b>ENGCON - Engineering Consultant</b>				
730639 - Engineering Services-Other		0.00	502,022.23	
731444 - Prof Svc-Consultant		0.00	954,190.99	
731472 - Project Construction and Impr		0.00	539,637.75	
<b>Engineering Consultant TOTALS</b>	4,913,000.00	0.00	1,995,850.97	\$2,917,149.03
<b>FAC - Facility Acquisition</b>				
730352 - Construction		-171,159.96	2,947,868.47	
731472 - Project Construction and Impr		0.00	6,189,272.79	
<b>Facility Acquisition TOTALS</b>	17,983,600.00	-171,159.96	9,137,141.26	\$8,846,458.74
<b>INS - Inspection</b>				
<b>Inspection TOTALS</b>	260,000.00	0.00	0.00	\$260,000.00
<b>LEGAL - Legal and Financial</b>				
730940 - Insurance		0.00	41,250.00	
731073 - Legal Services		-5,000.00	38,761.00	
<b>Legal and Financial TOTALS</b>	1,259,000.00	-5,000.00	80,011.00	\$1,178,989.00
<b>ROW - Right of Way</b>				
730373 - Contracted Services		0.00	3,625.00	
731038 - Land and Easement		0.00	-300.00	
731073 - Legal Services		-5,000.00	17,251.80	
731661 - RW Negotiation and Expense		0.00	5,000.00	
771638 - Drain Equip Labor		0.00	44,895.09	
771639 - Drain Equipment		0.00	1,791.20	
<b>Right of Way TOTALS</b>	265,000.00	-5,000.00	72,263.09	\$192,736.91
<b>STD - Standard Operation</b>				
730639 - Engineering Services-Other		0.00	29,419.81	
<b>Standard Operation TOTALS</b>	40,000.00	0.00	29,419.81	\$10,580.19
<b>SUR - Survey Crew</b>				

## Water Resources Commissioner

### PROJECT WORK IN PROGRESS

#### OMID NI-EA CONSTRUCTION

**10000003308**

(as of January 31, 2022)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>Survey Crew TOTALS</b>			
32,000.00	0.00	0.00	\$32,000.00

<b>Project 10000003308 - OMID NI-EA CONSTRUCTION</b>			
<b>Total Project Expenses</b>			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$28,395,600.00	(\$173,342.77)	\$11,398,005.36	\$16,997,594.64
<b>Total Project Revenue</b>			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$2,206,043.00	
697551-Issuance of Bonds	\$0.00	\$21,965,099.65	
<b>TOTAL REVENUE</b>	<b>\$0.00</b>	<b>\$24,171,142.65</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$12,773,137.29</b>	

## Water Resources Commissioner

### PROJECT WORK IN PROGRESS

### NESPS MECH-ELEC CONSTRUCTION

**10000003309**

(as of January 31, 2022)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>ADM - Administration</b>				
730940 - Insurance		0.00	44,200.00	
<b>Administration TOTALS</b>				
	620,000.00	0.00	44,200.00	\$575,800.00
<b>CONT - Contingency</b>				
<b>Contingency TOTALS</b>				
	4,917,000.00	0.00	0.00	\$4,917,000.00
<b>ENG - Engineering</b>				
731346 - Personal Mileage		0.00	352.80	
771638 - Drain Equip Labor		10,849.18	122,997.48	
771639 - Drain Equipment		475.80	4,813.21	
<b>Engineering TOTALS</b>				
	446,000.00	11,324.98	128,163.49	\$317,836.51
<b>ENGCON - Engineering Consultant</b>				
730639 - Engineering Services-Other		-100,000.00	1,157,589.18	
731444 - Prof Svc-Consultant		0.00	130,587.68	
731458 - Professional Services		0.00	94,603.44	
<b>Engineering Consultant TOTALS</b>				
	3,987,000.00	-100,000.00	1,382,780.30	\$2,604,219.70
<b>FAC - Facility Acquisition</b>				
731472 - Project Construction and Impr		232,502.02	18,590,301.58	
<b>Facility Acquisition TOTALS</b>				
	40,857,000.00	232,502.02	18,590,301.58	\$22,266,698.42
<b>INS - Inspection</b>				
731458 - Professional Services		0.00	532.00	
771638 - Drain Equip Labor		19,270.25	221,645.97	
771639 - Drain Equipment		2,217.09	26,282.92	
<b>Inspection TOTALS</b>				
	285,000.00	21,487.34	248,460.89	\$36,539.11
<b>LEGAL - Legal and Financial</b>				
730940 - Insurance		0.00	179,800.00	
<b>Legal and Financial TOTALS</b>				
	2,417,000.00	0.00	179,800.00	\$2,237,200.00
<b>ROW - Right of Way</b>				
<b>Right of Way TOTALS</b>				
	393,000.00	0.00	0.00	\$393,000.00
<b>STD - Standard Operation</b>				
730940 - Insurance		0.00	149,770.00	
<b>Standard Operation TOTALS</b>				
	130,000.00	0.00	149,770.00	(\$19,770.00)
<b>SUR - Survey Crew</b>				
<b>Survey Crew TOTALS</b>				
	34,000.00	0.00	0.00	\$34,000.00

## Water Resources Commissioner

### PROJECT WORK IN PROGRESS

### NESPS MECH-ELEC CONSTRUCTION

**10000003309**

(as of January 31, 2022)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>Project 10000003309 - NESPS MECH-ELEC CONSTRUCTION</b>			
<b>Total Project Expenses</b>			
<b>Budget Amount</b>	<b>Month-to-Date Expenses</b>	<b>Life-to-Date Expenses</b>	<b>LTD Variance</b>
\$54,086,000.00	\$165,314.34	\$20,723,476.26	\$33,362,523.74
<b>Total Project Revenue</b>			
<b>Account</b>	<b>Month-to-Date Revenue</b>	<b>Life-to-Date Revenue</b>	
605572-Special Assessments	\$0.00	\$4,202,235.00	
697551-Issuance of Bonds	\$0.00	\$41,837,622.01	
<b>TOTAL REVENUE</b>	<b>\$0.00</b>	<b>\$46,039,857.01</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$25,316,380.75</b>	

## Water Resources Commissioner

### PROJECT WORK IN PROGRESS

#### OMID Segment 5

#### 10000003252

(as of January 31, 2022)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
---------------	------------------------	-----------------------	--------------

**ADM - Administration**

730177 - Bond Issuing Cost	0.00	242,201.57	
----------------------------	------	------------	--

<b>Administration TOTALS</b>			
------------------------------	--	--	--

0.00	0.00	242,201.57	(\$242,201.57)
------	------	------------	----------------

**LEGAL - Legal and Financial**

730177 - Bond Issuing Cost	0.00	514,935.00	
----------------------------	------	------------	--

<b>Legal and Financial TOTALS</b>			
-----------------------------------	--	--	--

0.00	0.00	514,935.00	(\$514,935.00)
------	------	------------	----------------

### Project 10000003252 - OMID Segment 5

**Total Project Expenses**

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$0.00	\$0.00	\$757,136.57	(\$757,136.57)

**Total Project Revenue**

Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$108,835.74	
655077-Accrued Interest Adjustments	\$16,649.48	(\$179,005.85)	
655385-Income from Investments	\$6,317.66	\$767,317.65	
697219-Premiums on Bonds Sold	\$0.00	\$7,672,724.75	
697551-Issuance of Bonds	\$0.00	(\$6,587,721.66)	
<b>TOTAL REVENUE</b>	<b>\$22,967.14</b>	<b>\$1,782,150.63</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$1,025,014.06</b>	

Oakland County - Water Resources Commissioner's Office  
Fund Equity: Schedule of Reserves and Dedicated Funds  
As of Date: January 31, 2022

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	3,214,687.61	1,246,529.79	2,683,437.57	13,350,452.43		20,495,107.40
84915	OMIDD Seg 4					42,295.44	
	- Project 1-1913 Interceptor Seg 4					-	
	- Project 1-2232 NESPS Gatehouse					-	
	- Project 1-2708 NESPS Odor Corrosion Study					-	42,295.44
84917	OMIDD Seg 5					1,025,014.06	
	- Project 1-3252 Interceptor Seg 5					12,773,137.29	
	- Project 1-3308 NI - EA Construction					25,316,380.75	39,114,532.10
	- Project 1-3309 NESPS Construction					-	
Total Equity in Maintenance and Construction Funds							<u>59,651,934.94</u>

**NOTE: This report presents pre-closing figures and as such are subject to change**

**OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS**

OMI DD Meeting Date 2/16/2022

Payable To	Invoice #	84915	84915	84915	84917	84917	82912	Total
		1-1913	1-2232	1-2708	1-3308	1-3309		
		Segment 4	Segment 4 - NESPS Gate House	Segment 4 - NESPS Odor Corrosion Study	Segment 5 NIEA Construction	Segment 5 NESPS Mech / Electric Construction	Operations & Maintenance	
Oakland County *	WRC Labor/Fringes/Non-direct Labor				7,497.31	30,119.43		\$37,616.74
Oakland County *	WRC Equipment				319.88	2,692.89		\$3,012.77
Applied Science, Inc	Invoice # 35 (ASI Inv. #8021) Services 11/28/21 to 12/25/21					80,669.03		\$80,669.03
Applied Science, Inc	Invoice # 36 (ASI Inv. #8051) Services 12/26/21 to 01/29/2022					75,960.15		\$75,960.15
Clark Hill PLC	Invoice # 1168195 Matter 404547 Services Through 12/31/2021				4,770.50			\$4,770.50
Clark Hill PLC	Invoice # 1168196 Matter 424741 Services Through 12/31/2021						3,510.00	\$3,510.00
Clark Hill PLC	Invoice # 116115 Matter 429385 Services Through 12/31/2021				495.10			\$495.10
Comerica - P Card reimbursement	Panara Bread 1/19/2022 OMIDD Meeting Catering						97.55	\$97.55
CSM Mechanical, LLC	Invoice Date 09/16/21 Upgrade MSA Panel Sensor						1,703.00	\$1,703.00
CSM Mechanical, LLC	Invoice # 21OMIDD-017 Invoice Date 10/27/21 RTD Calibration Estimate						1,333.20	\$1,333.20
CSM Mechanical, LLC	Invoice # 21OMIDD-019 Invoice Date 12/20/21 RTD Calibration Estimate						2,160.00	\$2,160.00
CSM Mechanical, LLC	Invoice # 22OMIDD-001 Invoice Date 1/15/22 Sluice Gate CS-6						13,946.50	\$13,946.50
HESCO	Invoice # 2213371 CS-5 Linner Position Sensor replacement 12/10/2021						4,690.00	\$4,690.00
HESCO	Invoice # 2213372 CS-5 Accumulator Removal 05/13/2021						9,609.50	\$9,609.50
HESCO	Invoice # 2213373 Control Structure Eval 09/23/2021						13,957.50	\$13,957.50
HESCO	Invoice # 2213381 CS-5 Sluice Gate 01/14/2022						5,485.00	\$5,485.00
Konecranes	Invoice # 154604511 Replace Wire Ropes and Clamps Invoice Date 1/18/22						4,646.19	\$4,646.19
Konecranes	Invoice # 154604812 Replace Festoon Install Remote Invoice Date 1/18/22						9,244.90	\$9,244.90
Motor City Electric Technologies	Invoice # 93771 NESP SCADA Cut Over Service Date 07/28/21						405.00	\$405.00
Motor City Electric Technologies	Invoice # 93797 NESP SCADA Cut Over Service Date 07/30/21						180.00	\$180.00
Motor City Electric Technologies	Invoice # 9378 NESP SCADA Cut Over Service Date 7/30/21						135.00	\$135.00
Motor City Electric Technologies	Invoice # 93800 NESP SCADA Cut Over Service Date 07/30/21						306.00	\$306.00
Motor City Electric Technologies	Invoice # 93801 NESP SCADA Cut Over Service Date 07/30/21						270.00	\$270.00
Motor City Electric Technologies	Invoice # 93802 NESP SCADA Cut Over Service Date 07/30/21						135.00	\$135.00
Motor City Electric Technologies	Invoice # 93803 NESP SCADA Cut Over Service Date 07/30/21						90.00	\$90.00
Motor City Electric Technologies	Invoice # 93804 NESP SCADA Cut Over Service Date 07/30/21						180.00	\$180.00
Motor City Electric Technologies	Invoice # 93952 NESP SCADA Cut Over Service Date 10/04/21						135.00	\$135.00
Motor City Electric Technologies	Invoice # 94001 NESP SCADA Cut Over Service Date 11/02/21						90.00	\$90.00
Motor City Electric Technologies	Invoice # 94002 NESP SCADA Cut Over Service Date 11/02/21						657.74	\$657.74
Motor City Electric Technologies	Invoice # 94003 NESP SCADA Cut Over Service Date 11/02/21						180.00	\$180.00
NTH Consultants	Inv # 01 For NESPS Supplementary Support Service Through 01/21/2022						21,931.16	\$21,931.16
NTH Consultants	Inv # 06 For 2021 OMIDD System Inspection Service Through 01/21/2022						10,882.74	\$10,882.74
NTH Consultants	Inv # 14 NIEA Construction Engineering Service Through 01/21/2022				58,988.02			\$58,988.02
NTH Consultants	Inv # 32 - OMIDD NIEA Rehab Services Through 01/21/2022				9,693.45			\$9,693.45
NTH Consultants	Inv # 36 - OMIDD System Immediate Repair Service Through 01/21/2022						1,445.84	\$1,445.84
NTH Consultants	Inv # 61 - OMIDD NESPS Discharge Chamber Service Through 01/21/2022						5,134.30	\$5,134.30
Rotor Electric Company	Invoice # 12476 Switchgear Maintenance and Testing 01/20/2022						3,120.23	\$3,120.23
Rotor Electric Company	Invoice # 12477 Switchgear Maintenance and Testing 01/20/2022						1,918.00	\$1,918.00
Rotor Electric Company	Invoice # 12478 Switchgear Maintenance and Testing 01/20/2022						46,764.30	\$46,764.30
Rotor Electric Company	Invoice # 12479 Switchgear Maintenance and Testing 01/20/2022						6,072.05	\$6,072.05
Rotor Electric Company	Invoice # 12480 Switchgear Maintenance and Testing 01/27/2022						7,404.05	\$7,404.05
	Total Invoices/Reimbursements for Approval	\$0.00	\$0.00	\$0.00	\$81,764.26	\$189,441.50	\$177,819.75	\$449,025.51
	* Less WRC Charges already paid from OMI Fund	0.00	0.00	0.00	(7,817.19)	(32,812.32)	0.00	(40,629.51)
	Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board	\$0.00	\$0.00	\$0.00	\$73,947.07	\$156,629.18	\$177,819.75	\$408,396.00

## **Agenda Item No. 10**

### **Invoices**

**OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 12/18/2021 - 1/28/2022**

WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984656	01/06/22	12/06/21	BROWN, JOEL	2	250.90	REGULAR	WRCCON	100000003309	ENG
984656	01/06/22	12/07/21	BROWN, JOEL	3	376.35	REGULAR	WRCCON	100000003309	ENG
984656	01/06/22	12/08/21	BROWN, JOEL	1	125.45	REGULAR	WRCCON	100000003309	ENG
984656	01/06/22	12/09/21	BROWN, JOEL	2.5	313.63	REGULAR	WRCCON	100000003309	ENG
984656	01/06/22	12/10/21	BROWN, JOEL	2.5	313.63	REGULAR	WRCCON	100000003309	ENG
984656	01/06/22	12/13/21	BROWN, JOEL	1	125.45	REGULAR	WRCCON	100000003309	ENG
984656	01/06/22	12/15/21	BROWN, JOEL	3	376.35	REGULAR	WRCCON	100000003309	ENG
984656	01/06/22	12/16/21	BROWN, JOEL	2	250.90	REGULAR	WRCCON	100000003309	ENG
984656	01/06/22	12/17/21	BROWN, JOEL	2	250.90	REGULAR	WRCCON	100000003309	ENG
984656	01/06/22	12/20/21	BROWN, JOEL	2	250.90	REGULAR	WRCCON	100000003309	ENG
984656	01/06/22	12/22/21	BROWN, JOEL	4	501.80	REGULAR	WRCCON	100000003309	ENG
984656	01/14/22	01/04/22	BROWN, JOEL	2	250.90	REGULAR	WRCCON	100000003309	ENG
984656	01/14/22	01/05/22	BROWN, JOEL	2	250.90	REGULAR	WRCCON	100000003309	ENG
984656	01/14/22	01/06/22	BROWN, JOEL	1.5	188.18	REGULAR	WRCCON	100000003309	ENG
984656	01/14/22	01/07/22	BROWN, JOEL	1	125.45	REGULAR	WRCCON	100000003309	ENG
984656	01/14/22	01/10/22	BROWN, JOEL	2	250.90	REGULAR	WRCCON	100000003309	ENG
984656	01/14/22	01/11/22	BROWN, JOEL	1.5	188.18	REGULAR	WRCCON	100000003309	ENG
984656	01/14/22	01/12/22	BROWN, JOEL	0.5	62.73	REGULAR	WRCCON	100000003309	ENG
984656	01/14/22	01/13/22	BROWN, JOEL	5	627.25	REGULAR	WRCCON	100000003309	ENG
984656	01/14/22	01/14/22	BROWN, JOEL	2.5	313.63	REGULAR	WRCCON	100000003309	ENG
			<b>BROWN, JOEL Total</b>		<b>5,394.38</b>				
1050210	12/30/21	12/30/21	CARLEY, JOSEPH	1	81.65	REGULAR	WRCCDM	100000003309	INS
1050210	01/05/22	01/05/22	CARLEY, JOSEPH	1	81.65	REGULAR	WRCCDM	100000003309	INS
1050210	01/11/22	01/10/22	CARLEY, JOSEPH	1	81.65	REGULAR	WRCCDM	100000003309	INS
1050210	01/19/22	01/19/22	CARLEY, JOSEPH	1	81.65	REGULAR	WRCCDM	100000003309	INS
1050210	01/25/22	01/24/22	CARLEY, JOSEPH	1	81.65	REGULAR	WRCCDM	100000003309	INS
			<b>CARLEY, JOSEPH Total</b>		<b>408.25</b>				
984656	01/05/22	12/20/21	LOCKHART, SIDNEY	2	272.74	REGULAR	WRCADM	100000003309	ENG
984656	01/05/22	12/21/21	LOCKHART, SIDNEY	2	272.74	REGULAR	WRCADM	100000003309	ENG
984656	01/05/22	12/22/21	LOCKHART, SIDNEY	2	272.74	REGULAR	WRCADM	100000003309	ENG
984656	01/05/22	12/23/21	LOCKHART, SIDNEY	2	272.74	REGULAR	WRCADM	100000003309	ENG
984656	01/05/22	12/28/21	LOCKHART, SIDNEY	2	272.74	REGULAR	WRCADM	100000003309	ENG
984656	01/14/22	01/04/22	LOCKHART, SIDNEY	2	272.74	REGULAR	WRCADM	100000003309	ENG
984656	01/14/22	01/05/22	LOCKHART, SIDNEY	3	409.11	REGULAR	WRCADM	100000003309	ENG
984656	01/14/22	01/06/22	LOCKHART, SIDNEY	1	136.37	REGULAR	WRCADM	100000003309	ENG
984656	01/14/22	01/07/22	LOCKHART, SIDNEY	1	136.37	REGULAR	WRCADM	100000003309	ENG
984656	01/14/22	01/10/22	LOCKHART, SIDNEY	1	136.37	REGULAR	WRCADM	100000003309	ENG
984656	01/14/22	01/11/22	LOCKHART, SIDNEY	2	272.74	REGULAR	WRCADM	100000003309	ENG
984656	01/14/22	01/12/22	LOCKHART, SIDNEY	1	136.37	REGULAR	WRCADM	100000003309	ENG
984656	01/14/22	01/13/22	LOCKHART, SIDNEY	1	136.37	REGULAR	WRCADM	100000003309	ENG
984656	01/14/22	01/14/22	LOCKHART, SIDNEY	1	136.37	REGULAR	WRCADM	100000003309	ENG
984656	01/28/22	01/18/22	LOCKHART, SIDNEY	3	409.11	REGULAR	WRCADM	100000003309	ENG
984656	01/28/22	01/19/22	LOCKHART, SIDNEY	2	272.74	REGULAR	WRCADM	100000003309	ENG
984656	01/28/22	01/20/22	LOCKHART, SIDNEY	1	136.37	REGULAR	WRCADM	100000003309	ENG
984656	01/28/22	01/21/22	LOCKHART, SIDNEY	2	272.74	REGULAR	WRCADM	100000003309	ENG
984656	01/28/22	01/24/22	LOCKHART, SIDNEY	3	409.11	REGULAR	WRCADM	100000003309	ENG
984656	01/28/22	01/25/22	LOCKHART, SIDNEY	2	272.74	REGULAR	WRCADM	100000003309	ENG
984656	01/28/22	01/26/22	LOCKHART, SIDNEY	2	272.74	REGULAR	WRCADM	100000003309	ENG
984656	01/28/22	01/27/22	LOCKHART, SIDNEY	2	272.74	REGULAR	WRCADM	100000003309	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>5,454.80</b>				
1050210	12/20/21	12/20/21	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	100000003309	INS
1050210	12/20/21	12/20/21	ROBERTS, PATRICK	2	164.00	OVERTIME	WRCCDM	100000003309	INS
1050210	12/21/21	12/21/21	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	100000003309	INS
1050210	12/21/21	12/21/21	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	100000003309	INS
1050210	12/22/21	12/22/21	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	100000003309	INS
1050210	12/22/21	12/22/21	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	100000003309	INS
1050210	12/23/21	12/23/21	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	100000003309	INS
1050210	12/27/21	12/27/21	ROBERTS, PATRICK	9	738.00	HOLIDAY	WRCCDM	100000003309	INS
1050210	12/28/21	12/28/21	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	100000003309	INS
1050210	12/28/21	12/28/21	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	100000003309	INS
1050210	12/29/21	12/29/21	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	100000003309	INS
1050210	12/29/21	12/29/21	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	100000003309	INS
1050210	12/30/21	12/30/21	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	100000003309	INS
1050210	01/03/22	01/03/22	ROBERTS, PATRICK	9	738.00	HOLIDAY	WRCCDM	100000003309	INS
1050210	01/04/22	01/04/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	100000003309	INS
1050210	01/04/22	01/04/22	ROBERTS, PATRICK	2	164.00	OVERTIME	WRCCDM	100000003309	INS
1050210	01/05/22	01/05/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	100000003309	INS
1050210	01/05/22	01/05/22	ROBERTS, PATRICK	2	164.00	OVERTIME	WRCCDM	100000003309	INS
1050210	01/06/22	01/06/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	100000003309	INS
1050210	01/06/22	01/06/22	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	100000003309	INS
1050210	01/07/22	01/07/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	100000003309	INS
1050210	01/07/22	01/07/22	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	100000003309	INS
1050210	01/10/22	01/10/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	100000003309	INS
1050210	01/10/22	01/10/22	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	100000003309	INS

1050210	01/11/22	01/11/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	10000003309	INS
1050210	01/11/22	01/11/22	ROBERTS, PATRICK	2	164.00	OVERTIME	WRCCDM	10000003309	INS
1050210	01/12/22	01/12/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	10000003309	INS
1050210	01/12/22	01/12/22	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	10000003309	INS
1050210	01/13/22	01/13/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	10000003309	INS
1050210	01/13/22	01/13/22	ROBERTS, PATRICK	2	164.00	OVERTIME	WRCCDM	10000003309	INS
1050210	01/14/22	01/14/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	10000003309	INS
1050210	01/14/22	01/14/22	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	10000003309	INS
1050210	01/17/22	01/17/22	ROBERTS, PATRICK	9	738.00	HOLIDAY	WRCCDM	10000003309	INS
1050210	01/18/22	01/18/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	10000003309	INS
1050210	01/18/22	01/18/22	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	10000003309	INS
1050210	01/19/22	01/19/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	10000003309	INS
1050210	01/19/22	01/19/22	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	10000003309	INS
1050210	01/20/22	01/20/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	10000003309	INS
1050210	01/20/22	01/20/22	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	10000003309	INS
1050210	01/21/22	01/21/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	10000003309	INS
1050210	01/21/22	01/21/22	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	10000003309	INS
1050210	01/24/22	01/24/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	10000003309	INS
1050210	01/24/22	01/24/22	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	10000003309	INS
1050210	01/25/22	01/25/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	10000003309	INS
1050210	01/25/22	01/25/22	ROBERTS, PATRICK	2	164.00	OVERTIME	WRCCDM	10000003309	INS
1050210	01/26/22	01/26/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	10000003309	INS
1050210	01/26/22	01/26/22	ROBERTS, PATRICK	2	164.00	OVERTIME	WRCCDM	10000003309	INS
1050210	01/27/22	01/27/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	10000003309	INS
1050210	01/27/22	01/27/22	ROBERTS, PATRICK	2	164.00	OVERTIME	WRCCDM	10000003309	INS
1050210	01/28/22	01/28/22	ROBERTS, PATRICK	8	564.24	REGULAR	WRCCDM	10000003309	INS
1050210	01/28/22	01/28/22	ROBERTS, PATRICK	1	82.00	OVERTIME	WRCCDM	10000003309	INS
			<b>ROBERTS, PATRICK Total</b>		<b>18,862.00</b>				
			<b>Grand Total</b>		<b>30,119.43</b>				

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 12/18/2021 - 1/28/2022									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984656	01/06/22	12/06/21	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/06/22	12/06/21	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/06/22	12/06/21	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/06/22	12/07/21	BROWN, JOEL	3	1.20	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/06/22	12/07/21	BROWN, JOEL	3	7.02	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/06/22	12/07/21	BROWN, JOEL	3	0.75	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/06/22	12/08/21	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/06/22	12/08/21	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/06/22	12/08/21	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/06/22	12/09/21	BROWN, JOEL	2.5	1.00	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/06/22	12/09/21	BROWN, JOEL	2.5	5.85	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/06/22	12/09/21	BROWN, JOEL	2.5	0.63	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/06/22	12/10/21	BROWN, JOEL	2.5	1.00	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/06/22	12/10/21	BROWN, JOEL	2.5	5.85	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/06/22	12/10/21	BROWN, JOEL	2.5	0.63	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/06/22	12/13/21	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/06/22	12/13/21	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/06/22	12/13/21	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/06/22	12/15/21	BROWN, JOEL	3	1.20	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/06/22	12/15/21	BROWN, JOEL	3	7.02	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/06/22	12/15/21	BROWN, JOEL	3	0.75	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/06/22	12/16/21	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/06/22	12/16/21	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/06/22	12/16/21	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/06/22	12/17/21	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/06/22	12/17/21	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/06/22	12/17/21	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/06/22	12/20/21	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/06/22	12/20/21	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/06/22	12/20/21	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/06/22	12/22/21	BROWN, JOEL	4	1.60	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/06/22	12/22/21	BROWN, JOEL	4	9.36	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/06/22	12/22/21	BROWN, JOEL	4	1.00	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/14/22	01/04/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/14/22	01/04/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/14/22	01/04/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/14/22	01/05/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/14/22	01/05/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/14/22	01/05/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/14/22	01/06/22	BROWN, JOEL	1.5	0.60	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/14/22	01/06/22	BROWN, JOEL	1.5	3.51	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/14/22	01/06/22	BROWN, JOEL	1.5	0.38	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/14/22	01/07/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/14/22	01/07/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/14/22	01/07/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/14/22	01/10/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/14/22	01/10/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/14/22	01/10/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/14/22	01/11/22	BROWN, JOEL	1.5	0.60	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/14/22	01/11/22	BROWN, JOEL	1.5	3.51	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/14/22	01/11/22	BROWN, JOEL	1.5	0.38	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/14/22	01/12/22	BROWN, JOEL	0.5	0.20	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/14/22	01/12/22	BROWN, JOEL	0.5	1.17	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/14/22	01/12/22	BROWN, JOEL	0.5	0.13	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/14/22	01/13/22	BROWN, JOEL	5	2.00	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/14/22	01/13/22	BROWN, JOEL	5	11.70	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/14/22	01/13/22	BROWN, JOEL	5	1.25	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/14/22	01/14/22	BROWN, JOEL	2.5	1.00	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/14/22	01/14/22	BROWN, JOEL	2.5	5.85	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/14/22	01/14/22	BROWN, JOEL	2.5	0.63	ASSIGNED	Tablet/iPad	10000003309	ENG
			<b>BROWN, JOEL Total</b>		<b>128.60</b>				
1050210	12/30/21	12/30/21	CARLEY, JOSEPH	1	5.69	ASSIGNED	3/4 Ton Pick-up	10000003309	INS
1050210	12/30/21	12/30/21	CARLEY, JOSEPH	1	0.40	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/30/21	12/30/21	CARLEY, JOSEPH	1	2.34	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/05/22	01/05/22	CARLEY, JOSEPH	1	5.69	ASSIGNED	3/4 Ton Pick-up	10000003309	INS
1050210	01/05/22	01/05/22	CARLEY, JOSEPH	1	0.40	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/05/22	01/05/22	CARLEY, JOSEPH	1	2.34	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/11/22	01/10/22	CARLEY, JOSEPH	1	5.69	ASSIGNED	3/4 Ton Pick-up	10000003309	INS
1050210	01/11/22	01/10/22	CARLEY, JOSEPH	1	0.40	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/11/22	01/10/22	CARLEY, JOSEPH	1	2.34	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/19/22	01/19/22	CARLEY, JOSEPH	1	5.69	ASSIGNED	3/4 Ton Pick-up	10000003309	INS



984656	01/28/22	01/21/22	LOCKHART, SIDNEY	2	11.38	ASSIGNED	Blazer/Suburbans	10000003309	ENG
984656	01/28/22	01/21/22	LOCKHART, SIDNEY	2	0.80	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/28/22	01/21/22	LOCKHART, SIDNEY	2	4.68	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/28/22	01/21/22	LOCKHART, SIDNEY	2	0.50	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/28/22	01/24/22	LOCKHART, SIDNEY	3	17.07	ASSIGNED	Blazer/Suburbans	10000003309	ENG
984656	01/28/22	01/24/22	LOCKHART, SIDNEY	3	1.20	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/28/22	01/24/22	LOCKHART, SIDNEY	3	7.02	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/28/22	01/24/22	LOCKHART, SIDNEY	3	0.75	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/28/22	01/25/22	LOCKHART, SIDNEY	2	11.38	ASSIGNED	Blazer/Suburbans	10000003309	ENG
984656	01/28/22	01/25/22	LOCKHART, SIDNEY	2	0.80	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/28/22	01/25/22	LOCKHART, SIDNEY	2	4.68	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/28/22	01/25/22	LOCKHART, SIDNEY	2	0.50	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/28/22	01/26/22	LOCKHART, SIDNEY	2	11.38	ASSIGNED	Blazer/Suburbans	10000003309	ENG
984656	01/28/22	01/26/22	LOCKHART, SIDNEY	2	0.80	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/28/22	01/26/22	LOCKHART, SIDNEY	2	4.68	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/28/22	01/26/22	LOCKHART, SIDNEY	2	0.50	ASSIGNED	Tablet/iPad	10000003309	ENG
984656	01/28/22	01/27/22	LOCKHART, SIDNEY	2	11.38	ASSIGNED	Blazer/Suburbans	10000003309	ENG
984656	01/28/22	01/27/22	LOCKHART, SIDNEY	2	0.80	ASSIGNED	Cell Phone	10000003309	ENG
984656	01/28/22	01/27/22	LOCKHART, SIDNEY	2	4.68	ASSIGNED	PC/Computer	10000003309	ENG
984656	01/28/22	01/27/22	LOCKHART, SIDNEY	2	0.50	ASSIGNED	Tablet/iPad	10000003309	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>347.20</b>				
1050210	12/20/21	12/20/21	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	12/20/21	12/20/21	ROBERTS, PATRICK	2	11.38	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	12/20/21	12/20/21	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/20/21	12/20/21	ROBERTS, PATRICK	2	0.80	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/20/21	12/20/21	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	10000003309	INS
1050210	12/20/21	12/20/21	ROBERTS, PATRICK	2	4.68	ASSIGNED	PC/Computer	10000003309	INS
1050210	12/21/21	12/21/21	ROBERTS, PATRICK	1	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	12/21/21	12/21/21	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	12/21/21	12/21/21	ROBERTS, PATRICK	1	0.40	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/21/21	12/21/21	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/21/21	12/21/21	ROBERTS, PATRICK	1	2.34	ASSIGNED	PC/Computer	10000003309	INS
1050210	12/21/21	12/21/21	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	10000003309	INS
1050210	12/22/21	12/22/21	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	12/22/21	12/22/21	ROBERTS, PATRICK	1	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	12/22/21	12/22/21	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/22/21	12/22/21	ROBERTS, PATRICK	1	0.40	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/22/21	12/22/21	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	10000003309	INS
1050210	12/22/21	12/22/21	ROBERTS, PATRICK	1	2.34	ASSIGNED	PC/Computer	10000003309	INS
1050210	12/23/21	12/23/21	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	12/23/21	12/23/21	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/23/21	12/23/21	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	10000003309	INS
1050210	12/27/21	12/27/21	ROBERTS, PATRICK	9	51.21	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	12/27/21	12/27/21	ROBERTS, PATRICK	9	3.60	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/27/21	12/27/21	ROBERTS, PATRICK	9	21.06	ASSIGNED	PC/Computer	10000003309	INS
1050210	12/28/21	12/28/21	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	12/28/21	12/28/21	ROBERTS, PATRICK	1	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	12/28/21	12/28/21	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/28/21	12/28/21	ROBERTS, PATRICK	1	0.40	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/28/21	12/28/21	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	10000003309	INS
1050210	12/28/21	12/28/21	ROBERTS, PATRICK	1	2.34	ASSIGNED	PC/Computer	10000003309	INS
1050210	12/29/21	12/29/21	ROBERTS, PATRICK	1	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	12/29/21	12/29/21	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	12/29/21	12/29/21	ROBERTS, PATRICK	1	0.40	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/29/21	12/29/21	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/29/21	12/29/21	ROBERTS, PATRICK	1	2.34	ASSIGNED	PC/Computer	10000003309	INS
1050210	12/29/21	12/29/21	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	10000003309	INS
1050210	12/30/21	12/30/21	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	12/30/21	12/30/21	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	10000003309	INS
1050210	12/30/21	12/30/21	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/03/22	01/03/22	ROBERTS, PATRICK	9	51.21	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	01/03/22	01/03/22	ROBERTS, PATRICK	9	3.60	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/03/22	01/03/22	ROBERTS, PATRICK	9	21.06	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/04/22	01/04/22	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	01/04/22	01/04/22	ROBERTS, PATRICK	2	11.38	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	01/04/22	01/04/22	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/04/22	01/04/22	ROBERTS, PATRICK	2	0.80	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/04/22	01/04/22	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/04/22	01/04/22	ROBERTS, PATRICK	2	4.68	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/05/22	01/05/22	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	01/05/22	01/05/22	ROBERTS, PATRICK	2	11.38	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	01/05/22	01/05/22	ROBERTS, PATRICK	2	0.80	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/05/22	01/05/22	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/05/22	01/05/22	ROBERTS, PATRICK	2	4.68	ASSIGNED	PC/Computer	10000003309	INS



1050210	01/24/22	01/24/22	ROBERTS, PATRICK	1	2.34	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/24/22	01/24/22	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/25/22	01/25/22	ROBERTS, PATRICK	2	11.38	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	01/25/22	01/25/22	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	01/25/22	01/25/22	ROBERTS, PATRICK	2	0.80	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/25/22	01/25/22	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/25/22	01/25/22	ROBERTS, PATRICK	2	4.68	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/25/22	01/25/22	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/26/22	01/26/22	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	01/26/22	01/26/22	ROBERTS, PATRICK	2	11.38	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	01/26/22	01/26/22	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/26/22	01/26/22	ROBERTS, PATRICK	2	0.80	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/26/22	01/26/22	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/26/22	01/26/22	ROBERTS, PATRICK	2	4.68	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/27/22	01/27/22	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	01/27/22	01/27/22	ROBERTS, PATRICK	2	11.38	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	01/27/22	01/27/22	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/27/22	01/27/22	ROBERTS, PATRICK	2	0.80	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/27/22	01/27/22	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/27/22	01/27/22	ROBERTS, PATRICK	2	4.68	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/28/22	01/28/22	ROBERTS, PATRICK	1	5.69	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	01/28/22	01/28/22	ROBERTS, PATRICK	8	45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
1050210	01/28/22	01/28/22	ROBERTS, PATRICK	1	0.40	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/28/22	01/28/22	ROBERTS, PATRICK	8	3.20	ASSIGNED	Cell Phone	10000003309	INS
1050210	01/28/22	01/28/22	ROBERTS, PATRICK	1	2.34	ASSIGNED	PC/Computer	10000003309	INS
1050210	01/28/22	01/28/22	ROBERTS, PATRICK	8	18.72	ASSIGNED	PC/Computer	10000003309	INS
			<b>ROBERTS, PATRICK Total</b>		<b>2,174.94</b>				
			<b>Grand Total</b>		<b>2,692.89</b>				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 12/18/2021 - 1/28/2022									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984657	01/06/2022	12/06/2021	BROWN, JOEL	3.00	\$376.35	REGULAR	WRCCON	10000003308	ENG
984657	01/06/2022	12/07/2021	BROWN, JOEL	3.00	\$376.35	REGULAR	WRCCON	10000003308	ENG
984657	01/06/2022	12/08/2021	BROWN, JOEL	1.00	\$125.45	REGULAR	WRCCON	10000003308	ENG
984657	01/06/2022	12/13/2021	BROWN, JOEL	1.00	\$125.45	REGULAR	WRCCON	10000003308	ENG
984657	01/06/2022	12/14/2021	BROWN, JOEL	2.00	\$250.90	REGULAR	WRCCON	10000003308	ENG
984657	01/06/2022	12/15/2021	BROWN, JOEL	3.00	\$376.35	REGULAR	WRCCON	10000003308	ENG
984657	01/06/2022	12/17/2021	BROWN, JOEL	2.00	\$250.90	REGULAR	WRCCON	10000003308	ENG
984657	01/06/2022	12/20/2021	BROWN, JOEL	2.00	\$250.90	REGULAR	WRCCON	10000003308	ENG
984657	01/06/2022	12/21/2021	BROWN, JOEL	1.00	\$125.45	REGULAR	WRCCON	10000003308	ENG
984657	01/14/2022	01/04/2022	BROWN, JOEL	3.50	\$439.08	REGULAR	WRCCON	10000003308	ENG
984657	01/14/2022	01/05/2022	BROWN, JOEL	2.00	\$250.90	REGULAR	WRCCON	10000003308	ENG
984657	01/14/2022	01/06/2022	BROWN, JOEL	1.50	\$188.18	REGULAR	WRCCON	10000003308	ENG
984657	01/14/2022	01/07/2022	BROWN, JOEL	1.00	\$125.45	REGULAR	WRCCON	10000003308	ENG
984657	01/14/2022	01/10/2022	BROWN, JOEL	2.00	\$250.90	REGULAR	WRCCON	10000003308	ENG
984657	01/14/2022	01/11/2022	BROWN, JOEL	1.50	\$188.18	REGULAR	WRCCON	10000003308	ENG
984657	01/14/2022	01/14/2022	BROWN, JOEL	2.00	\$250.90	REGULAR	WRCCON	10000003308	ENG
			<b>BROWN, JOEL Total</b>		<b>\$3,951.69</b>				
984657	01/14/2022	01/04/2022	LOCKHART, SIDNEY	2.00	\$272.74	REGULAR	WRCADM	10000003308	ENG
984657	01/14/2022	01/05/2022	LOCKHART, SIDNEY	2.00	\$272.74	REGULAR	WRCADM	10000003308	ENG
984657	01/14/2022	01/06/2022	LOCKHART, SIDNEY	2.00	\$272.74	REGULAR	WRCADM	10000003308	ENG
984657	01/14/2022	01/07/2022	LOCKHART, SIDNEY	2.00	\$272.74	REGULAR	WRCADM	10000003308	ENG
984657	01/14/2022	01/10/2022	LOCKHART, SIDNEY	2.00	\$272.74	REGULAR	WRCADM	10000003308	ENG
984657	01/14/2022	01/11/2022	LOCKHART, SIDNEY	2.00	\$272.74	REGULAR	WRCADM	10000003308	ENG
984657	01/14/2022	01/12/2022	LOCKHART, SIDNEY	2.00	\$272.74	REGULAR	WRCADM	10000003308	ENG
984657	01/14/2022	01/13/2022	LOCKHART, SIDNEY	2.00	\$272.74	REGULAR	WRCADM	10000003308	ENG
984657	01/14/2022	01/14/2022	LOCKHART, SIDNEY	1.00	\$136.37	REGULAR	WRCADM	10000003308	ENG
984657	01/28/2022	01/20/2022	LOCKHART, SIDNEY	2.00	\$272.74	REGULAR	WRCADM	10000003308	ENG
984657	01/28/2022	01/21/2022	LOCKHART, SIDNEY	2.00	\$272.74	REGULAR	WRCADM	10000003308	ENG
984657	01/28/2022	01/24/2022	LOCKHART, SIDNEY	2.00	\$272.74	REGULAR	WRCADM	10000003308	ENG
984657	01/28/2022	01/26/2022	LOCKHART, SIDNEY	1.00	\$136.37	REGULAR	WRCADM	10000003308	ENG
984657	01/28/2022	01/28/2022	LOCKHART, SIDNEY	2.00	\$272.74	REGULAR	WRCADM	10000003308	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>\$3,545.62</b>				
			<b>Grand Total</b>		<b>\$7,497.31</b>				

**OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 12/18/2021 - 1/28/2022**

WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984657	01/06/2022	12/06/2021	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/06/2022	12/06/2021	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/06/2022	12/06/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/06/2022	12/07/2021	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/06/2022	12/07/2021	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/06/2022	12/07/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/06/2022	12/08/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/06/2022	12/08/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/06/2022	12/08/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/06/2022	12/13/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/06/2022	12/13/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/06/2022	12/13/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/06/2022	12/14/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/06/2022	12/14/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/06/2022	12/14/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/06/2022	12/15/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/06/2022	12/15/2021	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/06/2022	12/15/2021	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/06/2022	12/17/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/06/2022	12/17/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/06/2022	12/17/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/06/2022	12/20/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/06/2022	12/20/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/06/2022	12/20/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/06/2022	12/21/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/06/2022	12/21/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/06/2022	12/21/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/04/2022	BROWN, JOEL	3.50	\$1.40	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/04/2022	BROWN, JOEL	3.50	\$0.88	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/04/2022	BROWN, JOEL	3.50	\$8.19	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/05/2022	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/05/2022	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/05/2022	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/06/2022	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/06/2022	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/06/2022	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/07/2022	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/07/2022	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/07/2022	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/10/2022	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/10/2022	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/10/2022	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/11/2022	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/11/2022	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/11/2022	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/14/2022	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/14/2022	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/14/2022	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
			<b>BROWN, JOEL Total</b>		<b>\$94.20</b>				<b>0</b>
984657	01/14/2022	01/04/2022	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/04/2022	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/04/2022	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/04/2022	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/14/2022	01/05/2022	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/14/2022	01/05/2022	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/05/2022	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/05/2022	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/06/2022	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/06/2022	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/06/2022	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/14/2022	01/06/2022	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/07/2022	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/07/2022	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/07/2022	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/07/2022	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/14/2022	01/10/2022	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/10/2022	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/10/2022	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/14/2022	01/10/2022	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/11/2022	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/14/2022	01/11/2022	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/11/2022	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/11/2022	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/12/2022	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG

984657	01/14/2022	01/12/2022	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/12/2022	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/14/2022	01/12/2022	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/13/2022	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/14/2022	01/13/2022	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/13/2022	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/13/2022	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/14/2022	01/14/2022	LOCKHART, SIDNEY	1.00	\$5.69	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/14/2022	01/14/2022	LOCKHART, SIDNEY	1.00	\$0.25	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/14/2022	01/14/2022	LOCKHART, SIDNEY	1.00	\$0.40	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/14/2022	01/14/2022	LOCKHART, SIDNEY	1.00	\$2.34	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/28/2022	01/20/2022	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/28/2022	01/20/2022	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/28/2022	01/20/2022	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/28/2022	01/20/2022	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/28/2022	01/21/2022	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/28/2022	01/21/2022	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/28/2022	01/21/2022	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/28/2022	01/21/2022	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/28/2022	01/24/2022	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/28/2022	01/24/2022	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/28/2022	01/24/2022	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/28/2022	01/24/2022	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/28/2022	01/26/2022	LOCKHART, SIDNEY	1.00	\$5.69	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/28/2022	01/26/2022	LOCKHART, SIDNEY	1.00	\$0.40	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/28/2022	01/26/2022	LOCKHART, SIDNEY	1.00	\$2.34	ASSIGNED	PC/Computer	10000003308	ENG
984657	01/28/2022	01/26/2022	LOCKHART, SIDNEY	1.00	\$0.25	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/28/2022	01/28/2022	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	01/28/2022	01/28/2022	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	01/28/2022	01/28/2022	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	10000003308	ENG
984657	01/28/2022	01/28/2022	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	10000003308	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>\$225.68</b>				0
			<b>Grand Total</b>		<b>\$319.88</b>				0



# Applied Science, Inc.

300 River Place Suite 5400 Detroit, MI 48207  
Phone: (313) 567-3990 Fax: (313) 567-3750  
www.asi-detroit.com

January 5, 2022

Project Invoice #35 (ASI Inv. #8021)

Joel Brown, P.E.  
Civil Engineer III  
Oakland County Water Resources Commissioner's Office  
One Public Works Drive, Building 95 West  
Waterford, MI 48328

Re: Northeast Sanitary Pump Station **li# 41133 v#352**  
Contract #5470  
(ASI Job No. 1815)

Invoice Period: 11/28/21-12/25/21

Task No.	Task Description	Total This Invoice
1	<b>Transition &amp; Basis of Design</b>	
	<b>Total:</b>	<b>\$ -</b>

Task No.	Task Description	Total This Invoice
2	<b>Design Services for Pump &amp; Electrical Upgrades</b>	
	<b>Total:</b>	<b>\$ -</b>
	Subconsultants:	
	<b>FK Engineering:</b>	\$ -
	<b>NTH Consultants</b>	\$ -
	ASI Markup 5%:	\$ -
	<b>Total Due This Invoice:</b>	<b>\$ -</b>

Task No.	Task Description	Total This Invoice
3	<b>Additional Special Services</b>	
	<b>Total:</b>	<b>\$ -</b>
	Subconsultants:	
	<b>FK Engineering:</b>	\$ -
	ASI Markup 5%:	\$ -
	<b>Total Due This Invoice:</b>	<b>\$ -</b>

Task No.	Task Description	Total This Invoice
5	<b>Construction Services</b>	
	<b>Total:</b>	<b>\$ 9,516.00</b>
	Subconsultants:	
	<b>NTH Consultants</b>	\$ 38,852.55
	<b>Metco Services</b>	\$ 24,734.49
	<b>FK Engineering:</b>	\$ 4,177.75
	ASI Markup 5%:	\$ 3,388.24
	<b>Total Due This Invoice:</b>	<b>\$ 80,669.03</b>

<b>Total Due This Invoice:</b>	<b>\$ 80,669.03</b>
Previous Amount Invoiced:	\$ 2,671,233.23
Total Invoiced To-Date	\$ 2,751,902.26
Contract Task Total:	\$ 4,198,380.00
Amount Remaining:	\$ 1,446,477.74

**84917 - 149015 - 730639 -  
1-3309 engcon**

JTB 2/11/22



# Applied Science, Inc.

300 River Place Suite 5400 Detroit, MI 48207  
Phone: (313) 567-3990 Fax: (313) 567-3750  
www.asi-detroit.com

February 4, 2022

Project Invoice #36 (ASI Inv. #8051)

Joel Brown, P.E.  
Civil Engineer III  
Oakland County Water Resources Commissioner's Office  
One Public Works Drive, Building 95 West  
Waterford, MI 48328

Re: Northeast Sanitary Pump Station  
Contract #5470  
(ASI Job No. 1815)

**li # 41133 v#352**

Invoice Period: 12/26/21-1/29/22

Task No.	Task Description	Total This Invoice
1	<b>Transition &amp; Basis of Design</b>	
	<b>Total:</b>	<b>\$ -</b>

Task No.	Task Description	Total This Invoice
2	<b>Design Services for Pump &amp; Electrical Upgrades</b>	
	<b>Total:</b>	<b>\$ -</b>
	Subconsultants:	
	<b>FK Engineering:</b>	\$ -
	<b>NTH Consultants</b>	\$ -
	ASI Markup 5%:	\$ -
	<b>Total Due This Invoice:</b>	<b>\$ -</b>

Task No.	Task Description	Total This Invoice
3	<b>Additional Special Services</b>	
	<b>Total:</b>	<b>\$ -</b>
	Subconsultants:	
	<b>FK Engineering:</b>	\$ -
	ASI Markup 5%:	\$ -
	<b>Total Due This Invoice:</b>	<b>\$ -</b>

Task No.	Task Description	Total This Invoice
5	<b>Construction Services</b>	
	<b>Total:</b>	<b>\$ 17,466.00</b>
	Subconsultants:	
	<b>NTH Consultants</b>	\$ 28,059.96
	<b>Metco Services</b>	\$ 24,220.00
	<b>FK Engineering:</b>	\$ 3,428.75
	ASI Markup 5%:	\$ 2,785.44
	<b>Total Due This Invoice:</b>	<b>\$ 75,960.15</b>

<b>Total Due This Invoice:</b>	<b>\$ 75,960.15</b>
Previous Amount Invoiced:	\$ 2,751,902.26
Total Invoiced To-Date	\$ 2,827,862.41
Contract Task Total:	\$ 4,198,380.00
Amount Remaining:	\$ 1,370,517.59

**84917 - 149015 - 730639 -  
1-3309 engcon**

JTB 2/11/22

# CLARK HILL

P.L.C.

ATTORNEYS AT LAW

151 S. Old Woodward Avenue, Suite 200  
Birmingham, Michigan 48009  
Telephone (248) 642-9692  
Fed.ID # 38-0425840

## INVOICE

Invoice # 1168115

Oakland County Water Resources Commissioner, MI  
Attn: Megan Koss, Esq.  
One Public Works Drive  
Waterford, MI 48328-1907  
WRCLegalInvoices@oakgov.com

January 20, 2022  
Client: 30164  
Matter: 429385

**84917 - 6010101 - 149015 - 731073 - 5113 - 1-3308 -  
Ch. 21 v#2788 - exp. 5/15/22-ROW**

RE: Ultima Investment Group



2/9/22

FOR SERVICES RENDERED through December 31, 2021

Total Services: \$331.50

FOR EXPENSES INCURRED OR ADVANCED:

Mileage \$19.60  
Service of Process \$144.00

Total Expenses: \$163.60

INVOICE TOTAL \$495.10

12/07/21 1156891 \$1983.30

Past Due Balance: \$1,983.30

*PAID - Jan  
2022 OMID*

TOTAL AMOUNT DUE \$2,478.40  
=====

PAYABLE UPON RECEIPT IN U.S. DOLLARS

# CLARK HILL

P.L.C.

ATTORNEYS AT LAW

212 East Grand River Avenue  
Lansing, Michigan 48906-4328  
Telephone (517) 318-3100  
Fed.ID # 38-0425840

## INVOICE

Invoice # 1168195

Oakland-Macomb Interceptor Drain Drainage District January 20, 2022  
Attn: Megan Koss, Esq. Client: 58434  
1 Public Works Drive Matter: 404547  
Waterford, MI 48328  
WRClegalinvoices@oakgov.com

=====

RE: Northeast Interceptor East Arm Improvements

FOR SERVICES RENDERED through December 31, 2021

Total Services: \$1,593.00

FOR EXPENSES INCURRED OR ADVANCED:

Professional Services \$3,177.50

Total Expenses: \$3,177.50

STATEMENT TOTAL \$4,770.50

84917 - 149015 - 731073 - 1-3308 - LEGAL - 5113 - v#2788 - li#39308 -  
exp. 5/15/22



2/9/22

PAYABLE UPON RECEIPT IN U.S. DOLLARS

# CLARK HILL

P.L.C.

ATTORNEYS AT LAW

212 East Grand River Avenue  
Lansing, Michigan 48906-4328  
Telephone (517) 318-3100  
Fed.ID # 38-0425840

## INVOICE

Invoice # 1168196

Oakland-Macomb Interceptor Drain Drainage District January 20, 2022  
Attn: Megan Koss, Esq. Client: 58434  
1 Public Works Drive Matter: 424741  
Waterford, MI 48328  
WRClegalinvoices@oakgov.com

=====

RE: GLWA Model Wastewater Contract

FOR SERVICES RENDERED through December 31, 2021

Total Services: \$3,510.00

STATEMENT TOTAL \$3,510.00

82912 - 6010101 - 149030 - 731073 - 5113 - v#2788 - exp. 5/15/21



2/9/22

PAYABLE UPON RECEIPT IN U.S. DOLLARS

**CSM Mechanical, LLC**

OMIDD Northeast Pump Station  
 Bio Tricking Odor Control Project  
 Sub Contractor's Summary  
 CSM Mechanical NEPS Maintenance

**82912 - 149090 - 730660 - 5817 - Ch. 21 - v# 15750**  
**- exp. 6/28/22 li# 42697**

Trade: Mechanical  
 Sub's Name: CSM Mechanical, LLC  
 Project: NEPS Maintenance  
 Date: 9/16/2021

*Jed Bru* 2/10/22

Scope of Work Description:

Upgrade MSA Panel Sensor

Scope of Work Description	Materials					Units per MH	Labor			Contracted Services				Total Cost	
	Item Description	UOM	Qty	Cost Per Unit	Total		MHRS	Rate	Total	Eq. Type	Units	Rate	Total		
MSA Sensor Upgrade	Sensor				\$0.00							1	\$1,360.00	\$1,360.00	\$1,360.00
					\$0.00										\$0.00
					\$0.00										\$0.00
					\$0.00										\$0.00
					\$0.00										\$0.00
					\$0.00										\$0.00
					\$0.00										\$0.00
					\$0.00										\$0.00
					\$0.00										\$0.00
Straight Time Hours							2.00	\$90.00	\$180.00						\$180.00
Overtime Hours							-	\$125.00	\$0.00						\$0.00
					\$0.00									\$0.00	\$0.00
														\$0.00	\$0.00
<b>Subtotals</b>					\$0.00		24.0	\$ 180.00				0.0		\$1,360.00	\$1,540.00
														6%	
														10.00%	\$136.00
														15.00%	\$27.00
<b>Total CO No.</b>														<b>TOTAL</b>	<b>\$1,703.00</b>

*TMM* 1-17-22



CSM Mechanical, LLC

RTD Calibration estimate. To be bill on actual T&M upon completion

OMIDD Northeast Pump Station  
 Bio Tricking Odor Control Project  
 Sub Contractor's Summary  
 CSM Mechanical NEPS Maintenance 21OMIDDD-017

82912 - 149090 - 730660 - 5817 - Ch. 21 - v# 15750  
 - exp. 6/28/22 - li# 42697

*Jed Brun*

2/10/22

Trade: Mechanical  
 Sub's Name: CSM Mechanical, LLC  
 Project: NEPS Maintenance  
 Date: 10/27/2021

Scope of Work Description:

RTD Calibration estimate. To be bill on actual T&M upon completion

Scope of Work Description	Materials					Units per MH	Labor			Contracted Services				Total Cost
	Item Description	UOM	Qty	Cost Per Unit	Total		MHRS	Rate	Total	Eq. Type	Units	Rate	Total	
Calibrate RTD for Winter Drain Valve	Intek		1.0	\$852.00	\$852.00								\$0.00	\$852.00
					\$0.00									\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
Straight Time Hours	CSM Coordination						4.00	\$90.00	\$360.00					\$360.00
Overtime Hours							-	\$125.00	\$0.00					\$0.00
													\$0.00	\$0.00
<b>Subtotals</b>					\$852.00		4.0	\$ 360.00			0.0		\$0.00	\$1,212.00
													6%	
													10.00%	\$121.20
													15.00%	
<b>Total CO No.</b>													<b>TOTAL</b>	<b>\$1,333.20</b>

Note: Should RTD be failed Intek will order a new sensor and replace accordingly  
 Prior to ordering METCO will be notified for app

*TM* 1-17-2



CSM Mechanical, LLC

OMIDD Northeast Pump Station  
 Bio Trickling Odor Control Project  
 Sub Contractor's Summary  
 CSM Mechanical NEPS Maintenance 210MIDDD-019

82912 - 149130- 730660 - 5817 - Ch. 21 - v# 15750

- exp. 6/28/22 li# 42697

*Jed Bru*

2/10/22

Trade: Mechanical  
 Sub's Name: CSM Mechanical, LLC  
 Project: NEPS Maintenance  
 Date: 12/20/2021

Scope of Work Description:

Cabinet Hinge Repair/Welding for CS 6,7 & 8

Scope of Work Description	Materials				Units per MH	Labor			Contracted Services				Total Cost	
	Item Description	UOM	Qty	Cost Per Unit		Total	MHRS	Rate	Total	Eq. Type	Units	Rate		Total
Stainless Steel Welding	Delecke Welding		1.0	\$1,800.00	\$1,800.00								\$0.00	\$1,800.00
					\$0.00									\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
Straight Time Hours	CSM PM					2.00	\$90.00	\$180.00						\$180.00
Overtime Hours						-	\$125.00	\$0.00						\$0.00
					\$0.00									\$0.00
					\$0.00									\$0.00
<b>Subtotals</b>					\$1,800.00	2.00	\$ 180.00				0.00		\$0.00	\$1,980.00
										State of MI sales tax			6%	
										Sub Contracted Profit			10.00%	\$180.00
										Overhead and Profit			15.00%	
<b>Total CO No.</b>													<b>TOTAL</b>	<b>\$2,160.00</b>

Work to be performed by Delecke Welding;  
 Below is a tally of boxes to be repaired.

- Stainless steel gate boxes; CS6 2
- boxes 4 doors
- CS7 2
- boxes 4 doors
- CS8 2
- boxes 4 doors
- Total for all repairs; \$1,800



*TM* 1-31-22

Vendor	No.	Description	Unit Price	Total
				\$0.00
CSM	1	Boysen Chair & personnel rigging	\$112.00	\$112.00
CSM	1	Daily confined space equipment rental	\$250.00	\$250.00
CSM	1	Generator, fuel and temporary lighting equipment	\$125.00	\$125.00
Laramie	1	45 ton boom truck rental	\$3,575.00	\$3,575.00
Laramie	1	30 ton boom truck rental with man basket	\$3,369.50	\$3,369.50
				\$0.00
				\$0.00
				\$0.00
				\$0.00



**CSM MECHANICAL, LLC**  
**1235 HOLDEN AVE.**  
**MILFORD, MI 48381**

[WWW.CSMMECHANICAL.COM](http://WWW.CSMMECHANICAL.COM)

**TEL: 248.302.2078 FAX: 248.856.2370**

<b>CUSTOMER P.O. NO.</b>		<b>DATE OF INVOICE</b>	1/15/2022	<b>CSM JOB #</b>	
<b>CONTACT:</b>	Mr. Terry Moore	<b>PHONE NO.</b>			22OMIDD-001
<b>JOB NAME</b>	Oakland Macomb Interceptor Drainage District				
<b>ADDRESS</b>	12600 15 Mile Road Sterling Heights, MI				
<b>SERVICE REQUESTED OR TROUBLE REPORTED:</b>					
EMERGENCY sluice gate removal at Control Structure 6					
<b>MAKE</b>	<b>MODEL</b>	<b>SERIAL NO.</b>		<b>WARRANTY</b>	
				<b>CONTRACT</b>	
				<b>SERVICE CONTRACT</b>	
				<b>NORMAL</b>	

**ENVIRONMENT CHECK LIST**

REFRIGERANT	CHRG. CODE	TYPE REFRIG.		SYS QTY.		CHANGED OUT OR REPLACED? Y/N	
	1	RECOVERED? Y/N	N/A	QTY.		DIS-MANTLED? Y/N	N/A
	2	RECYCLED? Y/N	N/A	QTY.		REFRIGERATOR DISPOSAL? Y/N	N/A
	3	RECLAIMED? Y/N	N/A	QTY.			
	4	RETURNED TO THIS SYSTEM? Y/N	N/A	QTY.			
	5	DISPOSAL					

EQUIPMENT 6

**SERVICE PERFORMED:**

01/14: Received call from Terry Moore to mobilize for sluice gate removal at CS-6. Called and coordinated crane equipment. Pulled tools, confined space equipment and portable power equipment and loaded onto trucks for the morning.

01/15: Removed construction fencing for access. Removed grating for structure access. Set-up two (2) boom trucks, one for personnel access and one for the lifting of the sluice gate. Performed confined space entry into Control Structure 6. Found the sluice gate was misaligned and loose from the guides. Found the sluice gate guide rail missing and missing the bolting hardware. Accessed the sluice gate with a man basket and boysen chair. Attached the necessary rigging and crane lifted the sluice gate from the structure. Placed the sluice gate on cribbing on the ground above. Upon completion, re-installed grating and construction fencing, performed clean-up and returned all materials and equipment to the CSM shop for re-inventory.

*TM* 2-3-22 **82912 - 6010101 -149130- 730660 - 6194 - Ch. 21- V#15750 li#44348 exp. 9/30/23**  
*Jed Brun* 2/10/22

DATE	SERVICE ENGINEER	HOURS			LABOR AMOUNT	EQUIPMENT RENTAL
		ST	OT	DT		
1/14/2022	Jeff Scott	1	3		\$522.50	CARTAGE
1/15/2022	Jeff Scott		11		\$1,567.50	MATERIAL
1/15/2022	Jason Wolbers		10		\$1,425.00	FED REFRIG FEE
1/15/2022	Kyle Trammell		10		\$1,425.00	TAX
1/15/2022	Eric Wildfong		10		\$1,425.00	VEH/TOOL ALLOW 2 \$150.00
					\$0.00	TOTAL LABOR \$6,365.00
					\$0.00	
					\$0.00	TOTAL \$13,946.50

**RECOMMENDATIONS OR ADDITIONAL REPAIRS NEEDED:**

PARTS WARRANTY: ALL PARTS AS RECORDED ARE WARRANTED AS PER MANUFACTURER SPECIFICATIONS. LABOR GUARANTY THE LABOR CHARGE AS RECORDED HERE RELATIVE TO THE EQUIPMENT SERVICE AS NOTED IS GUARANTEED FOR A PERIOD OF 30 DAYS. WE DO NOT, OF COURSE GUARANTEE OTHER PARTS THAN THOSE WE INSTALL. IF REPAIRS LATER BECOME NECESSARY DUE TO OTHER DEFECTIVE PARTS, THEY WILL BE CHARGED SEPARATLY.

**TERMS NET 10 DAYS.** NOTE: A DELIQUENCY CHARGE OF 1-1/2% PER MONTH (BUT NOT IN EXCESS OF THE LAWFUL MAXIMUM) ON ANY AMOUNT 60 DAYS IN ARREARS IF NOT RECEIVED PRIOR TO THE NEXT MONTHLY BILLING DATE AND THEREAFTER ON ALL AMOUNTS 60 DAYS OR MORE IN ARREARS UNTIL PAID.

<b>CUSTOMERS SIGNATURE</b>	<b>SERVICEMAN SIGNATURE</b>	<input checked="" type="checkbox"/> <b>COMPLETE</b>
	<i>GREG S. MERTZ</i>	<input type="checkbox"/> <b>INCOMPLETE</b>



Knowledgeable • Professional • Attentive • Likeable

29770 Hudson Drive Novi, MI 48377  
Phone: (586) 978-7200  
hesco-mi.com

Invoice No. 2213371

Date: 01/13/2022

Billed To: OMID Drainage District  
1 Public Works Drive  
Waterford MI 48328

82912 - 149090 - 730660 - 5819 - Ch. 21 - v#3091 - exp.  
6/30/22 - li#42703

2/10/22

Project: 2019807S OMID Flow Control Structures

Contact: Terry Moore P.O.# Sewer Fund #149130 Salesperson: David Burkel Due Date: 02/12/2022

Description	Unit	Qty	Rate	Amount
CS-5 Linear Position Sensor Replacement 12/10/21				
Labor:				
Senior Tech	Each	8.00	185.00	1,480.00
Tech 1	Each	13.00	120.00	1,560.00
Parts:				
Linear Position Probe	Each	1.00	1,650.00	1,650.00

Notes:

TM 1-17-22

**EFFECTIVE SEPTEMBER 24th, 2021**

To keep up with growth, we moved again.  
Please update your records.  
29770 HUDSON DRIVE  
NOVI, MI 48377  
586-978-7200

Non-Taxable Amount:	4,690.00
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	4,690.00
Payments/Credits:	0.00
<b>Amount Due</b>	<b>4,690.00</b>



Knowledgeable • Professional • Attentive • Likeable

29770 Hudson Drive Novi, MI 48377  
Phone: (586) 978-7200  
hesco-mi.com

Invoice No. 2213372

Date: 01/13/2022

82912 - 149090 - 730660 - 5819 - Ch. 21 - v#3091 - exp.  
6/30/22 - li#42703

Billed To: OMID Drainage District  
1 Public Works Drive  
Waterford MI 48328

2/10/22

Project: 2019807S OMID Flow Control Structures

Contact: Terry Moore P.O.# Sewer Fund #149130 Salesperson: David Burkel Due Date: 02/12/2022

Description	Unit	Qty	Rate	Amount
-------------	------	-----	------	--------

Work Order # 00273

CS-5 Accumulator Removal on 5/13/21

Labor:

Senior Tech	Each	8.50	185.00	1,572.50
Tech 1	Each	14.50	120.00	1,740.00

CS-5 Accumulator Installation on 8/20/21

Labor:

Senior Tech	Each	8.00	185.00	1,480.00
Tech 1	Each	15.00	120.00	1,800.00

TM 1-17-22

**EFFECTIVE SEPTEMBER 24th, 2021**  
To keep up with growth, we moved again.  
Please update your records.  
29770 HUDSON DRIVE  
NOVI, MI 48377  
586-978-7200

Non-Taxable Amount:	9,609.50
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	9,609.50
Payments/Credits:	0.00
<b>Amount Due</b>	<b>9,609.50</b>



Knowledgeable • Professional • Attentive • Likeable

29770 Hudson Drive Novi, MI 48377  
Phone: (586) 978-7200  
hesco-mi.com

Invoice No. 2213373

Date: 01/13/2022

82912 - 149090 - 730660 - 5819 - Ch. 21 - v#3091 - exp. 6/30/22 - li#42703

Billed To: OMID Drainage District  
1 Public Works Drive  
Waterford MI 48328

2/10/22

Project: 2019807S OMID Flow Control Structures

Contact: Terry Moore P.O.# Sewer Fund #149130 Salesperson: David Burkel Due Date: 02/12/2022

Description	Unit	Qty	Rate	Amount
OMIDDD Control Structure Evaluation				
Report Submitted 9/23/21				
Labor:				
Project Manager	Each	12.00	215.00	2,580.00
Senior Technician	Each	61.50	185.00	11,377.50

Notes:

TM  
1-16-22

**EFFECTIVE SEPTEMBER 24th, 2021**  
To keep up with growth, we moved again.  
Please update your records.  
29770 HUDSON DRIVE  
NOVI, MI 48377  
586-978-7200

Non-Taxable Amount:	13,957.50
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	13,957.50
Payments/Credits:	0.00
<b>Amount Due</b>	<b>13,957.50</b>



Knowledgeable • Professional • Attentive • Likeable

29770 Hudson Drive Novi, MI 48377  
Phone: (586) 978-7200  
hesco-mi.com

Invoice No. 2213381

Date: 01/17/2022

82912 - 149090 - 730660 - 5819 - Ch. 21 - v#3091 - exp. 6/30/22 - li#42703

Billed To: OMID Drainage District  
1 Public Works Drive  
Waterford MI 48328

2/10/22

Project: 2019807S OMID Flow Control Structures

Contact: Terry Moore P.O.# Sewer Fund #149130 Salesperson: David Burkel Due Date: 02/16/2022

Description	Unit	Qty	Rate	Amount
-------------	------	-----	------	--------

Work Order # 00508 CS-6

CS-6 Call-out 1/13/2022

Labor:

Tech 1	Each	1.50	120.00	180.00
--------	------	------	--------	--------

CS-6 Sluice Gate Troubleshooting 1/14/2022

Labor:

Senior Tech	Each	6.00	185.00	1,110.00
-------------	------	------	--------	----------

Tech 1	Each	8.00	120.00	960.00
--------	------	------	--------	--------

TM 1-17-22

**EFFECTIVE SEPTEMBER 24th, 2021**  
To keep up with growth, we moved again.  
Please update your records.  
29770 HUDSON DRIVE  
NOVI, MI 48377  
586-978-7200

Non-Taxable Amount:	5,485.00
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	5,485.00
Payments/Credits:	0.00
<b>Amount Due</b>	<b>5,485.00</b>

# Invoice

<b>Delivery Address</b>	<b>Information</b>
Walsh Construction 3011 W Grand Blvd Detroit MI 48202-3010	Document No. 154604811 Document Date 01/18/2022 Customer PO Contract 005820 Customer Contact Ankur Patel Customer No. 1816160
<b>Invoice Address</b>	<b>Terms of Payment / Delivery</b>
Oakland Macomb Interceptor Drain Drainage District Acct: 730660 1 Public Works Drive Fund: 82912 Program: 149090 Waterford MI 48328-1907	Terms of Delivery FCA PLANT OF ORIGIN Terms of Payment 15 days net Due Date 02/02/2022

<b>Invoice Details</b>				
Replace Wire Rope and Clamps on 4 Ton Monorail, per Quote 1-179ZVBR4.				
Thank you for choosing Konecranes!				
Item	Material Description	Quantity	Unit price USD	Value USD
Service Request Num & Delivery Date: 1-94431779136 / 0157473394 / 01/13/2022				
10	Wire Rope & Clamps	1 PC	2,256.69 / PC	2,256.69
20	Installation	1 PC	1,952.00 / PC	1,952.00
30	Scissor Lift	1 PC	437.50 / PC	437.50
	Invoice Value			4,646.19
	Sales Tax		2/10/22	0.00
	Invoice Total			4,646.19
				
<b>82912 - 6010101 - 149090 - 730660 - 5820 - ch 21 v#22875 - exp. 6/28/22</b>				

DET-Detroit, MI  
43050 W. 10 Mile Road  
NOVI MI 48375-3206  
USA

Phone No. 248-380-2626  
Fax No. 248-380-8595

Contact: Denise Collins  
Email: denise.collins@konecranes.com

# Invoice

<b>Delivery Address</b>	<b>Information</b>
Walsh Construction 3011 W Grand Blvd Detroit MI 48202-3010	Document No. 154604812 Document Date 01/18/2022 Customer PO Contract 005820 Customer Contact Ankur Patel Customer No. 1816160
<b>Invoice Address</b>	<b>Terms of Payment / Delivery</b>
Oakland Macomb Interceptor Drain Drainage District Acct: 730660 1 Public Works Drive Fund: 82912 Program: 149090 Waterford MI 48328-1907	Terms of Delivery FCA PLANT OF ORIGIN Terms of Payment 15 days net Due Date 02/02/2022

<b>Invoice Details</b>				
Replace Festoon System and Install Remote Control System on 4 Ton Monorail, per Quote 1-17DQ4JUF.				
Thank you for choosing Konecranes!				
Item	Material Description	Quantity	Unit price USD	Value USD
Service Request Num & Delivery Date: 1-94495769260 / 0157478950 / 01/12/2022				
10	40ft Festoon System	1 PC	1,550.98 / PC	1,550.98
20	Installation of Festoon	1 PC	2,440.00 / PC	2,440.00
30	60' Boom Lift	1 PC	750.00 / PC	750.00
40	Radio System	1 PC	2,333.16 / PC	2,333.16
50	Spare Transmitter	1 PC	929.00 / PC	929.00
60	Lockable Washdown Enclosure	1 PC	265.76 / PC	265.76

DET-Detroit, MI  
43050 W. 10 Mile Road  
NOVI MI 48375-3206  
USA

Phone No. 248-380-2626  
Fax No. 248-380-8595

Contact: Denise Collins  
Email: denise.collins@konecranes.com

# Invoice

Invoice Address	Information
Oakland Macomb Interceptor Drain Drainage District Acct: 730660 1 Public Works Drive Fund: 82912 Program: 149090 Waterford MI 48328-1907	Document No. 154604812 Document Date 01/18/2022

Item	Material Description	Quantity	Unit price USD	Value USD
70	Installation of Radio	1 PC	976.00 / PC	976.00
	Invoice Value			9,244.90
	Sales Tax		2/10/22	0.00
	Invoice Total			9,244.90

**82912 - 6010101 - 149090 - 730660 - 5820 - ch 21**  
**v#22875 - exp. 6/28/22**

Payment Details	
<b>Wires:</b> Fedwire Routing Number (ABA): 043000096 Swift Code: PNCCUS33XXX Bank Name: PNC Bank N.A. Bank Address: 500 First Ave, Pittsburgh, PA 15219 Account Number: 1043490868 Company Name: Konecranes Inc.	<b>ACH:</b> Account Number: 1043490868 Company Name: Konecranes Inc. Routing Number: 043000096 Bank Name: PNC Bank N.A. Bank Address: 500 First Ave, Pittsburgh, PA 15219

Please email remittance details for electronic payments to: [remittance.fssc.us@konecranes.com](mailto:remittance.fssc.us@konecranes.com)

**Checks:**

Konecranes, Inc.  
P.O. Box 644994  
Pittsburgh, PA 15264-4994

Please e-mail credit card payments to [konecranes.ccremit@konecranes.com](mailto:konecranes.ccremit@konecranes.com)

DET-Detroit, MI  
43050 W. 10 Mile Road  
NOVI MI 48375-3206  
USA

Phone No. 248-380-2626  
Fax No. 248-380-8595

Contact: Denise Collins  
Email: [denise.collins@konecranes.com](mailto:denise.collins@konecranes.com)



**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

OMID  
ONE PUBLIC WORKS DRIVE, BUILDING 95  
WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	7/16/2021	7/28/2021	93771

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$405.00	-	\$405.00	\$405.00	-	-
<b>Totals:</b>		<b>\$405.00</b>		<b>\$405.00</b>	<b>\$405.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$405.00</b>	<i>T.M.</i>		

1-31-22

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORTS

WORK ORDER #329

WORK PERFORMED 7/14/2021

**82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

2/9/22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL  
DETROIT, MI 48213-1151  
PHONE (313) 921-5300 FAX (313) 921-5310  
"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

OMID  
ONE PUBLIC WORKS DRIVE, BUILDING 95  
WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	7/12/2021	7/30/2021	93797

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$180.00	-	\$180.00	\$180.00	-	-
<b>Totals:</b>		<b>\$180.00</b>		<b>\$180.00</b>	<b>\$180.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$180.00</b>	<i>T/M</i>	<b>1-31-22</b>	

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

**82912 - 6010101 - 149130- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

WORK PERFORMED 7/12/2021

2/9/22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

OMID  
ONE PUBLIC WORKS DRIVE, BUILDING 95  
WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	7/9/2021	7/30/2021	93798

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$135.00	-	\$135.00	\$135.00	-	-
<b>Totals:</b>		<b>\$135.00</b>		<b>\$135.00</b>	<b>\$135.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$135.00</b>	<i>TJM</i>		
						<b>1-31-22</b>	

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 7/9/2021

**82912 - 6010101 - 149130- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

2/10/22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

OMID  
ONE PUBLIC WORKS DRIVE, BUILDING 95  
WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	7/5/2021	7/30/2021	93800

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$306.00	-	\$306.00	\$306.00	-	-
<b>Totals:</b>		<b>\$306.00</b>		<b>\$306.00</b>	<b>\$306.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$306.00</b>	<i>TM</i> 1-31-22		

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

2/10/22

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

**82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

WORK PERFORMED 7/5/2021

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

OMID  
ONE PUBLIC WORKS DRIVE, BUILDING 95  
WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	7/21/2021	7/30/2021	93801

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$270.00	-	\$270.00	\$270.00	-	-
<b>Totals:</b>		<b>\$270.00</b>		<b>\$270.00</b>	<b>\$270.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$270.00</b>			

*T.M.* 1-31-22

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

**82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

WORK PERFORMED 7/21/2021

2/10/22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

OMID  
ONE PUBLIC WORKS DRIVE, BUILDING 95  
WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	7/20/2021	7/30/2021	93802

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$135.00	-	\$135.00	\$135.00	-	-
<b>Totals:</b>		<b>\$135.00</b>		<b>\$135.00</b>	<b>\$135.00</b>		
Less Retained:				-	<i>TMM</i>		
<b>Invoice Total:</b>				<b>\$135.00</b>			<b>1-31-22</b>

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

**82912 - 6010101 - 149130- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

WORK PERFORMED 7/20/2021

*John Brown*

2/10/22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

OMID  
ONE PUBLIC WORKS DRIVE, BUILDING 95  
WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	6/30/2021	7/30/2021	93803

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$90.00	-	\$90.00	\$90.00	-	-
<b>Totals:</b>		<b>\$90.00</b>		<b>\$90.00</b>	<b>\$90.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$90.00</b>	<i>TM</i>		

1-31-22

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

**82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

WORK PERFORMED 6/30/2021

2/10/22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

OMID  
ONE PUBLIC WORKS DRIVE, BUILDING 95  
WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	6/25/2021	7/30/2021	93804

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$180.00	-	\$180.00	\$180.00	-	-
<b>Totals:</b>		<b>\$180.00</b>		<b>\$180.00</b>	<b>\$180.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$180.00</b>	<i>T/M</i> 1-31-22		

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

**82912 - 6010101 - 149090 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

WORK PERFORMED 6/25/2021

2/10/22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

OMID  
ONE PUBLIC WORKS DRIVE, BUILDING 95  
WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	9/27/2021	10/4/2021	93952

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$135.00	-	\$135.00	\$135.00	-	-
<b>Totals:</b>		<b>\$135.00</b>		<b>\$135.00</b>	<b>\$135.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$135.00</b>	<i>T M</i>		

1-31-22

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 9/27/2021

**82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

2/10/22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL  
 DETROIT, MI 48213-1151  
 PHONE (313) 921-5300 FAX (313) 921-5310  
 "AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

OMID  
 ONE PUBLIC WORKS DRIVE, BUILDING 95  
 WATERFORD, MI 48328-

Customer  
 PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	9/28/2021	11/2/2021	94001

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$90.00	-	\$90.00	\$90.00	-	-
<b>Totals:</b>		<b>\$90.00</b>		<b>\$90.00</b>	<b>\$90.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$90.00</b>			

*T M*  
1-31-22

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

**82912 - 6010101 - 149130- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

WORK PERFORMED 9/28/2021

2/10/22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

OMID  
ONE PUBLIC WORKS DRIVE, BUILDING 95  
WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
922567	0	001	10/7/2021	11/2/2021	94002

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$657.74	-	\$657.74	\$657.74	-	-
<b>Totals:</b>		<b>\$657.74</b>		<b>\$657.74</b>	<b>\$657.74</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$657.74</b>			

*TMM*

1-31-22

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 10/7/2021

**82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

*Jed Brun*

2/10/22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

OMID  
ONE PUBLIC WORKS DRIVE, BUILDING 95  
WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
922567	0	001	10/18/2021	11/2/2021	94003

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$180.00	-	\$180.00	\$180.00	-	-
<b>Totals:</b>		<b>\$180.00</b>		<b>\$180.00</b>	<b>\$180.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$180.00</b>			

*T M* 1-31-22

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

**82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23**

WORK PERFORMED 10/18/2021

2/10/22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



**NTH Consultants, Ltd.**  
 Infrastructure Engineering  
 and Environmental Services

**82912 - 6010101 - 149662 - 731458- 2603 - Ch. 21 - v#238 -  
 li#24138 - exp. 12/31/23**

*Jed Brun*

2/11/22

Omi Drain Drainage District  
 One Public Works Drive  
 Building 95 West  
 Waterford, MI 48328

Invoice # : 6  
 Project : 61210124  
 Invoice Group : \*\*  
 Invoice Date : 2/2/2022

Attentior Sid Lockhart

For Professional Services Rendered from 10/23/2021 - 1/21/2022

Consulting Services Regarding 2021 OMID System Inspection

Task 01 Inspection and Reporting \$526,974.00  
 Preliminary Budget Amount \$526,974.00  
 Percent Complete: 46.22%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 1,904.14	\$ 13,478.73
Overhead %	188.00 3,579.78	25,340.01
Total Regular Labor Expense	5,483.92	38,818.74
<b>Total Direct Labor</b>	<b>5,483.92</b>	5,483.92
<b>Profit / Fixed Fee %</b>	<b>12.00 658.07</b>	4,658.24
Direct Expenses Charge	73.46	844.87
Expense Multiplier %	5.00 3.68	42.27
Direct Subcontractor Charge	4,399.63	187,928.06
Subcontractor/Subconsultant Multiplier %	6.00 263.98	11,275.69
Direct Unit Rate Charge	0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>	<b>4,740.75</b>	200,090.89
<b>Total Costs:</b>	<b>10,882.74</b>	<b>243,567.87</b>
<b>Total Due This Invoice</b>	<b>\$ 10,882.74</b>	<b>\$ 243,567.87</b>

**84917 - 6010101 - 149015 - 731444 - 2603 - 1-3308- ch 21 v#4716 - li#24138 - exp. 12/31/23**

OMI Drain Drainage District  
One Public Works Drive  
Building 95 West  
Waterford, MI 48328

JTB 2/11/22

Invoice # : 14  
Project : 61-200186  
Invoice Group : \*\*  
Invoice Date : 2/2/2022

Attention Sid Lockhart

For Professional Services Rendered from 12/24/2021 - 1/21/2022

Provide Engineering Services for OMID NI-EA Contract No.1 PCI-4 Rehabilitation Project and CS-9 Gate Installation Project D-425

Task 01	NI-EA OMID Contract No. 1 CCA	\$2,258,813.98
Task 02	OMID CS-9 Gate CCA	\$217,468.00
	<b>Preliminary Budget Amount</b>	<b>\$2,476,281.98</b>
	Percent Complete:	40.32%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 9,790.09	\$ 163,930.81
Overhead %	188.00 18,405.37	308,189.94
Total Regular Labor Expense	28,195.46	472,120.75
<b>Total Direct Labor</b>	<b>28,195.46</b>	<b>472,120.75</b>
<b>Profit / Fixed Fee %</b>	<b>12.00 3,383.46</b>	<b>56,654.51</b>
Direct Expenses Charge	275.09	4,206.24
Expense Multiplier %	5.00 13.75	210.31
Direct Subcontractor Charge	25,585.16	439,016.76
Subcontractor/Subconsultant Multiplier %	6.00 1,535.10	26,341.04
Direct Unit Rate Charge	0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>	<b>27,409.10</b>	<b>469,774.35</b>
<b>Total Costs:</b>	<b>58,988.02</b>	<b>998,549.60</b>
<b>Total Due This Invoice</b>	<b>\$ 58,988.02</b>	<b>\$ 998,549.60</b>



**84917 - 6010101 - 149015 - 730639 - 2603 - 1-3308 - Ch.21  
v#4716 - li#24138 - exp. 12/31/23**

2/11/22

OMI Drain Drainage District  
One Public Works Drive  
Building 95 West  
Waterford, MI 48328

Invoice # : 32  
Project : 61-190078  
Invoice Group : NI-EA  
Invoice Date : 2/2/2022

Attention: Sid Lockhart

For Professional Services Rendered from 12/25/2021 - 1/21/2022

Engineering Design Services for Rehabilitation of NI-EA Sections PCI-4

Task 01	Project Management	\$276,159.00
Task 02	Condition Assessment	\$241,609.00
Task 03	Subsurface Utility Engineering	\$65,579.00
Task 04	Basemap Survey	\$89,327.00
Task 05	Geotechnical Investigation	\$134,797.00
Task 05A	7-Mile Utility Exploration/Design	\$0.00
Task 05B	Additional Geotech for PCI-4 Shaft	\$0.00
Task 06	Environmental Study	\$60,642.00
Task 07	Basis of Design	\$379,785.00
Task 08	Rehabilitation Design	\$282,099.00
Task 09	Contract Drawings	\$235,070.00
Task 10	Contract Specifications	\$188,178.00
Task 11	Construction Costs	\$27,761.00
Task 12	Permits & Coordination	\$25,655.00
Task 13	Bidding Assistance	\$198,402.00
Task 14	Gate Automation	\$68,770.00
<b>Preliminary Budget Amount</b>		<b>\$2,273,833.00</b>
<b>Percent Complete:</b>		<b>92.17%</b>

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 1,777.99	\$ 303,102.76
Overhead %	188.00 3,342.62	569,833.20
Total Regular Labor Expense	5,120.61	872,935.96
<b>Total Direct Labor</b>	<b>5,120.61</b>	<b>870,780.83</b>
<b>Profit / Fixed Fee %</b>	<b>12.00 614.47</b>	<b>104,752.30</b>
Direct Expenses Charge	0.00	27,664.27
Expense Multiplier %	5.00 0.00	1,383.26
Direct Subcontractor Charge	3,734.31	1,027,474.09
Subcontractor/Subconsultant Multiplier %	6.00 224.06	61,648.60
Direct Unit Rate Charge	0	0
<b>Total Other Direct Charges Reimbursables</b>	<b>3,958.37</b>	<b>1,118,170.22</b>
<b>Total Costs:</b>	<b>9,693.45</b>	<b>2,095,858.48</b>
<b>Total Due This Invoice</b>	<b>\$ 9,693.45</b>	<b>\$ 2,095,858.49</b>



**NTH Consultants, Ltd.**  
 Infrastructure Engineering  
 and Environmental Services

**82912 - 6010101 - 149662 - 730639 - 2603 - 1-3015 - ch 21 -  
 engcon v#4716 - li#24138 - exp. 12/31/23**

*JL* *Bu*

2/11/22

Omi Drain Drainage District  
 One Public Works Drive  
 Building 95 West  
 Waterford, MI 48328

Invoice #: 36  
 Project: 61-190044  
 Invoice Group: REPAIRS  
 Invoice Date: 2/2/2022

Attention: Sid Lockhart

For Professional Services Rendered from 12/25/2021 - 01/21/2022

OMID System Immediate Repairs

AMP/Inspection Reports (Task 01) \$4,587.37  
 Rehabilitation Design (Task 02) \$71,617.66  
 Construction Observation (Task 03) \$178,109.97  
\$254,315.00

Analysis of Costs		This Invoice	Cumulative
Direct Salaries (Task 01 & 02)	\$	448.24	\$ 59,105.78
Overhead %	188.00	842.69	111,118.86
Total Regular Labor Expense		1,290.93	170,224.64
<b>Total Direct Labor</b>		<b>1,290.93</b>	170,224.64
<b>Profit / Fixed Fee %</b>	<b>12.00</b>	<b>154.91</b>	20,426.95
Direct Expenses Charge		0.00	3,685.50
Expense Multiplier %	5.00	0.00	234.29
Direct Subcontractor Charge		0.00	40,248.30
Subcontractor/Subconsultant Multiplier %	5.00	0.00	2,012.46
<b>Total Other Direct Charges Reimbursables</b>		<b>0.00</b>	46,180.55
<b>Total Costs:</b>		<b>1,445.84</b>	<b>236,832.14</b>
<b>Total Due This Invoice</b>		<b>\$ 1,445.84</b>	<b>\$ 236,832.14</b>



**NTH Consultants, Ltd.**  
Infrastructure Engineering  
and Environmental Services

**84915 - 149015 - 730639 - 2603 - 1-2232 Ch 21 - eng con v#4716 exp.  
12/31/23 li#24138**

2/11/22

OMI Drain Drainage District  
One Public Works Drive  
Building 95 West  
Waterford, MI 48328

Invoice # : 61  
Project : 61-210313  
Invoice Group : \*\*  
Invoice Date : 2/2/2022

Attentior Sid Lockhart

For Professional Services Rendered from **12/25/2021** - **1/21/2022**

Consulting Services Regarding Additional OMID Rehabilitation Program 2021 Closeout Services and As-Needed NESPS Maintenance Tasks

Task 01	Contract 3 NESPS Rehab Closeout	\$9,563.00
Task 02	PCI-4 Liner Deterioration Closeout	\$10,939.00
Task 03	Discharge Pipe Coating Rehabilitation	\$27,930.00
Task 04	NESPS Wet Well Sediment Survey	\$19,639.00
	<b>Preliminary Budget Amount</b>	<b>\$68,071.00</b>
	<b>Percent Complete:</b>	40.86%

		This Invoice	Cumulative
<b>Analysis of Costs</b>			
Direct Salaries		\$ 1,351.06	\$ 5,072.14
Overhead %	188.00	2,539.99	9,535.62
Total Regular Labor Expense		3,891.05	14,607.76
<b>Total Direct Labor</b>		<b>3,891.05</b>	14,607.76
<b>Profit / Fixed Fee %</b>	12.00	<b>466.92</b>	1,752.93
Direct Expenses Charge		0.00	0.00
Expense Multiplier %	5.00	0.00	0.00
Direct Subcontractor Charge		739.35	10,908.68
Subcontractor/Subconsultant Multiplier %	5.00	36.97	545.44
<b>Total Other Direct Charges Reimbursables</b>		<b>776.32</b>	<b>11,454.12</b>
<b>Total Costs:</b>		<b>5,134.30</b>	<b>27,814.81</b>
<b>Total Due This Invoice</b>		<b>\$ 5,134.30</b>	<b>\$ 27,814.82</b>



**NTH Consultants, Ltd.**  
Infrastructure Engineering  
and Environmental Services

**82912- 6010101- 149662-730639- 2603 - Ch.21 - v# 4716 - li #24138 -  
exp. 12/31/23**

*Jed Brun*

2/11/22

Omi Drain Drainage District  
One Public Works Drive  
Building 95 West  
Waterford, MI 48328

Invoice # : 1  
Project : 61210495  
Invoice Group :  
Invoice Date : 2/2/2022

Attention: Sid Lockhart

For Professional Services Rendered from **Inception** - 1/21/2022

Supplementary Support Services at the Northeast Sewage Pumping Station (NESPS)

Task 01	Health and Safety Audit	\$16,137.00
Task 02	CS-6 Emergency Bypass	\$39,643.00
Task 03	Wet Wall Screen Cleaning Equipment	\$17,069.00

Preliminary Budget Amount \$72,849.00  
Percent Complete: 30.10%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 3,076.38	\$ 3,076.38
Overhead %	188.00	5,783.59	5,783.59
Total Regular Labor Expense		8,859.97	8,859.97
<b>Total Direct Labor</b>		<b>8,859.97</b>	<b>8,859.97</b>
<b>Profit / Fixed Fee %</b>	12.00	<b>1,063.20</b>	<b>1,063.20</b>
Direct Expenses Charge		126.98	126.98
Expense Multiplier %	5.00	6.36	6.36
Direct Subcontractor Charge		11,202.50	11,202.50
Subcontractor/Subconsultant Multiplier %	6.00	672.15	672.15
<b>Total Other Direct Charges Reimbursables</b>		<b>12,007.99</b>	<b>12,007.99</b>
<b>Total Costs:</b>		<b>21,931.16</b>	<b>21,931.16</b>
<b>Total Due This Invoice</b>		<b>\$ 21,931.16</b>	<b>\$ 21,931.16</b>



Rotor Electric Company of Michigan, LLC.

9522 GRINNELL
DETROIT, MI 48213-1151
PHONE (313) 891-0331 FAX (313) 921-5310
"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

82912 - 6010101 - 149090 - 730660 - 5807 - Ch. 21 - v#22125 - li#42614 - exp. 6/28/22

Handwritten signatures of Joel Brown

2/10/22

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Row 1: 719707, 0, 001, 11/5/2021, 1/20/2022, 12476

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes row for SWITCHGEAR MAINTENANCE AND TESTING and a Totals row.

SUMP PUMP P2

TM 1-19-22

STARTER ARMATURE SEIZED

NEXGEN WOR ORDER 498

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



Rotor Electric Company of Michigan, LLC.

9522 GRINNELL
DETROIT, MI 48213-1151
PHONE (313) 891-0331 FAX (313) 921-5310
"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

82912 - 6010101 - 149090 - 730660 - 5807 - Ch. 21 - v#22125 - li#42614 - exp. 6/28/22

Handwritten signatures of Joel Brown

2/10/22

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Row 1: 719707, 0, 001, 11/23/2021, 1/20/2022, 12477

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes row for SWITCHGEAR MAINTENANCE AND TESTING and a Totals row.

MOTOR CONTROL CENTER

MCC-1 LOTO

NEXGEN WORK ORDER 484

Handwritten initials TM and date 1-19-22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



Rotor Electric Company of Michigan, LLC.

9522 GRINNELL
DETROIT, MI 48213-1151
PHONE (313) 891-0331 FAX (313) 921-5310
"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

82912 - 6010101 - 149090 - 730660 - 5807 - Ch. 21 - v#22125 -
li#42614 - exp. 6/28/22

Handwritten signature

2/11/22

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage

P2 REPAIRS

NEXGEN WORK ORDER 483

TMM 1-19-22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



Rotor Electric Company of Michigan, LLC.

9522 GRINNELL
DETROIT, MI 48213-1151
PHONE (313) 891-0331 FAX (313) 921-5310
"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

82912 - 6010101 - 149090 - 730660 - 5807 - Ch. 21 - v#22125 - li#42614 - exp. 6/28/22

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Values: 719707, 0, 001, 12/1/2021, 1/20/2022, 12479

JOEL BROWN

Handwritten signature of Joel Brown

2/11/22

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes row for SWITCHGEAR MAINTENANCE AND TESTING and a Totals row.

P2 FIELD TRIP INVESTIGATIONS

NEXGEN WORK ORDER 468

Handwritten initials TM and date 1-19-22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



Rotor Electric Company of Michigan, LLC.

9522 GRINNELL
DETROIT, MI 48213-1151
PHONE (313) 891-0331 FAX (313) 921-5310
"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

82912 - 6010101 - 149090 - 730660 - 5807 - Ch. 21 - v#22125 - li#42614 - exp. 6/28/22

Handwritten signature

2/11/22

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage

P2 REPAIRS

SIEMENS TECHNICAL SUPPORT

NEX GEN WORK ORDER 483

T M

1-27-22

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."

## **Agenda Item No. 11**

Other Business

**Agenda Item No. 12**

Adjourn