

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

November 20, 2024 – 11:30 a.m.

Office of the Macomb County Public Works Commissioner
21777 Dunham Road, Clinton Township, 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 November 20, 2024
3. Motion to approve the Drainage District Board Meeting Minutes from October 16, 2024
4. Public Comment
5. Closed Session as permitted under section 8(h) of the Open Meetings Act and 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
6. Motion to approve the following Engineering Work Order:
 - a) Engineering Work Order No. 5 for Jacobs Consultants Inc. for the Odor and Corrosion Control System Design Project to increase Contract No. 9788 for a not-to-exceed amount of \$83,408
7. Motion to approve the following Change Orders:
 - a) Change Order No. 47 for Walsh Construction for NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$19,451.66
 - b) Change Order No. 2 for Z Contractors for NI-EA Contract #2 PCI 18 & 19 Rehabilitation for a net increase in the amount of \$10,974.82 and 84 days
 - c) Change Order No. 1 for Mersino Dewatering Inc. for Dewatering and Bypass Pumping Services to extend Contract No. 10079 for two years and update the contract rates for services
8. Motion to approve the following Construction Estimates:
 - a) Construction Estimate No. 49 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$512,999.76 with a transfer to the Oakland County Treasurer in the amount of \$3,872.87
 - b) Construction Estimate No. 15 for Z Contractors for NI-EA Contracts 2A and 2B – PCI 18 and 19 Rehabilitation in the amount of \$134,766.66

9. Status of OMID Repairs Project

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

11. Motion to approve the following invoices:

1) Labor/Fringes/Non-Direct Labor Factor			
• Segment 5 NI-EA Construction		\$	5,262.84
• Segment 5 NESPS Mech./Elect. Construction		\$	8,183.89
2) Equipment Charges			
• Segment 5 NI-EA Construction		\$	114.36
• Segment 5 NESPS Mech./Elect. Construction		\$	273.56
a) ASI			
1) Invoice No. 68-8968	NESPS	\$	76,604.85
2) Invoice No. 68a-8969	NESPS	\$	904.64
b) Clark Hill			
Invoice No. 1503478	NESPS	\$	385.00
c) Dickinson Wright			
Invoice No. 1978146	O&M	\$	176.00
d) Gallagher			
Invoice No. 5242192	NESPS	\$	48,730.50
e) Hesco			
Invoice No. 242596	O&M	\$	7,138.26
f) Jacobs			
Invoice No. C6A19900-18	O&M	\$	13,827.81
g) Lardner Elevator			
1) Invoice No. 202724	O&M	\$	204.00
2) Invoice No. 202926	O&M	\$	10,964.00
h) Metco			
Invoice No. 1811-70	O&M	\$	103,344.12
i) Motor City			
1) Invoice No. 96013	O&M	\$	585.00
2) Invoice No. 96014	O&M	\$	1,035.62
3) Invoice No. 96015	O&M	\$	67.68
4) Invoice No. 96048	O&M	\$	1,051.00
5) Invoice No. 96050	O&M	\$	176.00
j) NTH Consultants, Ltd			
1) Engineering/Consulting Services PCI-18 and PCI-19 Rehab. Invoice No. 637516	NI-EA	\$	82,695.89
k) PM Technologies			
Invoice No. 95025246	O&M	\$	5,355.00
l) PMA Consultants			
Invoice No. 03559.01-53	NESPS	\$	24,020.94

12. Other Business

13. Adjourn

Next Regular Meeting: December 18, 2024, at 11:30 a.m., Eastern Standard Time.

Agenda Item No. 3

Board Meeting Minutes from October 16, 2024

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

October 16, 2024

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held at the Northeast Sewage Pumping Station, 11001 E. State Fair St., Detroit, Michigan on the 16th day of October 2024 at 11:30 a.m. Eastern Standard Time and via Microsoft Teams.

PRESENT:

Michael Gregg, Chairperson and Deputy for Dr. Tim Boring, Director of the Michigan Department of Agriculture and Rural Development; Brian Baker for Candice Miller, Member and Macomb County Public Works Commissioner; and Anne Vaara for Jim Nash, Secretary and Oakland County Water Resources Commissioner.

OTHERS PRESENT:

Representing the office of the Macomb County Public Works Commissioner: Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Steve Korth, Joel Brown, Raphael Chirolla, Meg Koss, and Stephanie Lajdziak. Others in attendance: Shawn Phelps and Heidi Grunwald, OC Fiscal Services, Saju Sachidanandan, Larry Gilbert and Michelle Kitzinger, NTH Consultants; Terry Moore, Metco; Fritz Klingler, FK Engineering; Kevin Johnson, Kone; Dave Pauline, Walsh Construction.

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 11:30 a.m.

2. Agenda.

Motion by Vaara, supported by Baker, to approve the October 16, 2024, agenda as presented.

ADOPTED: Yeas - 3
 Nays - 0

3. Minutes.

Motion by Baker, supported by Vaara, to approve the minutes of the September 18, 2024, meeting.

ADOPTED: Yeas - 3
 Nays - 0

4. Public Comment.

None.

5. Change Order.

The following Change Order was submitted to the Board for approval:

- a) Change Order No. 46 for Walsh Construction for NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$10,003.79. Motion by Vaara, supported by Baker, to approve Change Order No. 46 as presented.

ADOPTED: Yeas - 3
 Nays - 0

6. Construction Pay Estimates.

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

- a) Construction Estimate No. 48 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$1,178,092.33 with a transfer to the Oakland County Treasurer in the amount of \$4,057.63. Motion by Vaara, supported by Baker, to approve Construction Estimate No. 48 as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) Construction Estimate No. 42 (final) for Marra Services for NI-EA OMID Contract One PCI-4 Rehabilitation with a full release of retention in the amount of \$197,587.91. Motion by Baker, supported by Vaara, to approve Construction Estimate No. 42 (final) as presented.

ADOPTED: Yeas - 3
Nays - 0

- a) Construction Estimate No. 14 for Z Contractors for NI-EA Contracts 2A and 2B – PCI 18 and 19 Rehabilitation in the amount of \$659,642.68. Motion by Vaara, supported by Baker, to approve Construction Estimate No. 14 as presented.

ADOPTED: Yeas - 3
Nays - 0

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

Fritz Klingler of FK Engineering presented the Project Progress Update and presentation (attached) to the Board and summarized the status of various projects.

Motion by Vaara, supported by Baker, to receive and file the report as presented.

ADOPTED: Yeas - 3
Nays - 0

8. Financial Reports.

The financial reports for Segments 1 through 5 and the NESPS were presented for consideration.

Motion by Vaara, supported by Baker, to receive and file the financial reports.

ADOPTED: Yeas - 3
Nays - 0

9. Invoices.

- | | | |
|---|-------|--------------|
| 1) Labor/Fringes/Non-Direct Labor Factor | | |
| • Segment 5 NI-EA Construction | \$ | 6,113.72 |
| • Segment 5 NESPS Mech./Elect. Construction | \$ | 6,722.46 |
| 2) Equipment Charges | | |
| • Segment 5 NI-EA Construction | \$ | 146.00 |
| • Segment 5 NESPS Mech./Elect. Construction | \$ | 249.36 |
| a) ASI | | |
| Invoice No. 67-8936 | NESPS | \$ 69,635.33 |

b)	Clark Hill		
	1) Invoice No. 1481448	NESPS	\$ 1,295.00
	2) Invoice No. 1481454	NI-EA	\$ 420.00
	3) Invoice No. 1488219	NESPS	\$ 1,050.00
c)	Dickinson Wright		
	Invoice No. 1966122	O&M	\$ 1,760.00
d)	Hesco		
	Invoice No. 242519	O&M	\$ 6,333.75
e)	Jacobs		
	Invoice No. C6A19900-17	O&M	\$ 27,778.33
f)	Kennedy		
	Invoice No. 643391	O&M	\$ 2,159.50
g)	Lardner Elevator		
	1) Invoice No. 202469	O&M	\$ 204.00
	2) Invoice No. 202825	O&M	\$ 520.00
h)	Metco		
	Invoice No.1811-69	O&M	\$ 80,416.48
i)	Motor City		
	Invoice No. 95932	O&M	\$ 16,978.00
j)	NTH Consultants, Ltd		
	1) Engineering/Consulting Services PCI-18 and PCI-19 Rehab.		
	Invoice No. 637147	NI-EA	\$ 117,405.45
	2) Additional OMID NESPS Maintenance Engineering Services		
	Invoice No. 637165	O&M	\$ 795.37
	3) Engineering/Consulting Services NESPS Pumping and Electrical Systems Upgrade		
	Invoice No. 637166	NESPS	\$ 4,367.00
k)	PM Technologies		
	1) Invoice No. 93240765	O&M	\$ 5,127.70
	2) Invoice No. 93784289	O&M	\$ 141,840.00
	3) Invoice No. 93980402	O&M	\$ 153,440.00
	4) Invoice No. 94722967	O&M	\$ 572.66
l)	PMA Consultants		
	1) Invoice No. 3559.01-51	NESPS	\$ 25,268.78
	2) Invoice No. 3559.01-52	NESPS	\$ 20,589.38
m)	Rotor Electric		
	1) Invoice No. 12804	O&M	\$ 99,630.48
	2) Invoice No. 12805	O&M	\$ 6,399.06
	3) Invoice No. 12806	O&M	\$ 3,814.84
	4) Invoice No. 12807	O&M	\$ 4,922.47
	5) Invoice No. 12808	O&M	\$ 20,815.25

Motion by Baker, supported by Vaara, to approve the invoices as presented.

ADOPTED: Yeas - 3
 Nays - 0

10. 2025 Meeting Dates

The proposed Drainage Board meeting dates for 2025 (as attached) were presented. Motion by Baker, supported by Vaara, to approve the 2025 meeting dates as presented.

ADOPTED: Yeas - 3

Nays - 0

11. Other Business.
None.

12. Adjourn.
Motion by Vaara, supported by Baker, to adjourn the October 16, 2024, meeting at 12:26 p.m.

ADOPTED: Yeas - 3
 Nays - 0

Next Regular Meeting: *Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan* and electronically at 2:00 p.m., Eastern Standard Time on November 20, 2024.

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 October 16, 2024, 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 16th day of October 2024.



Anne Vaara, Acting Secretary
Oakland-Macomb Interceptor Drain Drainage Board

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Closed Session

Agenda Item No. 6

Engineering Work Order



Oakland-Macomb Interceptor Drain Drainage District

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

**FROM: Jen Cook, P.E. Oakland County Water Resources Commissioner’s Office
Stephen Downing, Macomb County Public Works Commissioner’s Office**

**SUBJECT: Approval of Engineering Work Order #5 and Project Budget Increase for
Additional Odor and Corrosion Investigations on the OMID System**

DATE: November 20, 2024

In the September Oakland-Macomb Interceptor Drain (OMID) Drainage Board meeting, the Board approved Engineering Work Order (EWO) No. 4 for additional investigation scope as a response to a homeowner petition citing excessive odors caused by the OMID system. Preliminary investigations were completed and the proposed scope refined as outlined in the attached letter from Mr. Jason Matteo of Jacobs Consultants, Inc. The additional scope and fee outlined below refines and adds to the tasks added via EWO No. 4. Previous contract tasks 15 and 16 were previously identified as “if needed” and have not yet been implemented. It is proposed that budget allocated to these tasks is shifted to the more focused tasks described in Jacobs’ letter.

Additionally, an allowance for materials testing services during construction is proposed to cover testing not performed by the contractor. The allowance will be used on an as-needed basis only and is not to exceed \$25,000.

The EWO No. 5 presented for the Board’s consideration includes a scope of work and fee proposal for services requested of Jacobs to investigate the odor complaint as summarized in the following table.

Task 15: Conduct additional H2S & air pressure data	\$ -17,994
Task 16: Evaluate the addition of a passive carbon system	\$ -13,581
Task 17: Collect additional OMID CS-9 H2S and air pressure data	\$ 24,884
Task 18: Conduct site investigation and collection additional H2S and air pressure data within the NIEA near Meldrum and Mt. Elliott	\$ 22,857
Task 19: Confirm NESPS biotrickling filter zone of influence	\$ 22,998
Task 20: Verify sizing and prepare plan sketch of active odor/corrosion control system near CS-6	\$ 19,244
Task 21: Construction Administration – materials testing allowance	\$ 25,000
Total	\$83,408

The attached EWO No. 5 has been prepared for the above scope of services and corresponding costs. Adopting this proposal will increase the total allowed project cost of this contract to \$2,375,161.86.

Requested Action: Approve the attached Jacobs Engineering Work Order to compensate for additional tasks related to the Odor and Corrosion Control System Project.

**Jim Nash Oakland County Water Resources Commissioner
Oakland-Macomb Interceptor Drain Drainage District
For the OMID Odor and Corrosion Control System Design Project
Sterling Heights
Macomb County, Michigan**

Engineering Work Order No. 5

Date: 11/20/2024

To: Jacobs Consultants Inc. Contract No. 9788

For: Construction Administration and Construction Engineering Services

DESCRIPTION

This Engineering Work Order (EWO) is required to define specific additional tasks and compensation related to the OMID Odor and Corrosion Control System Design Project that falls under sections of Contract No. 9788. This EWO serves as your approval for compensation of the following additional services as delineated in your attached November 12, 2024 proposal. The proposal was in response to a request from OMIDDD regarding an odor complaint received from homeowners living in the vicinity of Control Structure No. 9 (CS-9). An initial scope of work in response to the complaints was added through EWO No. 4, Tasks 13 through 16. Two of those tasks; Task 15: Collection Additional H2S and Air Pressure Data and Task 16: Evaluate the Addition of Passive Carbon System, were related to engineering services focused on the CS-9 site. It was since determined that these tasks are now unnecessary based on initial findings of the CS-9 area investigations. These tasks will be eliminated from the scope in lieu of more focused investigations as described in Jacobs' letter proposal with new Tasks 17 through 20.


Additionally, Task 21 will provide an allowance for materials testing services during construction and will cover costs of testing not performed by the contractor. The allowance will be used on an as-needed basis only and is not to exceed \$25,000.

In summary, additional work included the following tasks and associated fees:

Task 15: Conduct additional H2S & air pressure data	\$ -17,994
Task 16: Evaluate the addition of a passive carbon system	\$ -13,581
Task 17: Collect additional OMID CS-9 H2S and air pressure data	\$ 24,884
Task 18: Conduct site investigation and collection additional H2S and air pressure data within the NIEA near Meldrum and Mt. Elliott	\$ 22,857
Task 19: Confirm NESPS biotrickling filter zone of influence	\$ 22,998
Task 20: Verify sizing and prepare plan sketch of active odor/corrosion control system near CS-6	\$ 19,244
Task 21: Construction Administration – materials testing allowance	\$ 25,000
Total	\$83,408

**JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

Fees for this Engineering Work Order shall be billed on a time and material basis according to the contract standard fee and rate schedule as modified by your proposal. The total amount of the Engineering Services Agreement is to be increased by a not to exceed amount of \$83,408. This increases the total allowed project amount under this contract to \$2,375,161.86. This amount is not to be exceeded without written authorization from this office.

RECOMMENDED	DATE: 11/13/2024	ACCEPTED	DATE:
By: 		By:	
Jen Cook, P.E. Assistant Chief Engineer OCWRC		Shawn Thompson Vice President Jacobs Consultants, Inc.	
APPROVED	DATE:	APPROVED	DATE:
By:		By:	
Stephen Downing Construction and Maintenance Manager MCPWO		Joel Brown, P.E. Chief Engineer OCWRC	
Approved by the Drainage District Board on:			

Cost Center:	6010101	Account No.:	730639
Fund No:	FND82912	Program No.:	PRG149667
Project No:	PRJ 1-7059	Project Activity:	ENG CONSULT
Contract No:	9788	Contract Exp:	2/15/2025

Agenda Item No. 7

Change Orders

CHANGE ORDER NO. FORTY-SEVEN

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.) Furnish Labor and materials for modifications and additions to the Generator System Operations protocol.

Address:

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

Change Order No. 47 Date: November 04, 2024

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<u>LOCATION</u>					
	<i>All the Work items noted herein are located at the Northeast Sewage Pumping Station (NESPS) in Detroit, Wayne County, Michigan.</i>					
47-1	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Provide labor and materials to perform various modifications and additions to the generator power system, as identified in Work Directive # 117.</p> <p><u>REASON:</u></p> <p>Work Directive No. 117 provides monitoring and control of generator input breaker (# 3-6), control of one of the new main breakers, status indication of the input breaker 3-6 (pilot lights), and other generator switchgear modifications. Generator Input breaker 3-6 took the place of the normally closed main breaker # 4-1 in the existing switchgear.</p>	LS	1 ea.	\$ 19,451.66	\$ 19,451.66	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
47-1	<p>This task provided for the necessary wiring changes to be made (multiple wiring runs from the Generator shelter switchgear to the new metal clad switchgear), terminations to be completed, and final testing to be completed.</p> <p>Attachment: Walsh Construction Co. PCI 970239</p> <p>*****</p> <p>END OF LINE ITEMS FOR CHANGE ORDER NO. 47</p>					
	NESPS Pump & Elec. Change Order #47					
					Amount Increase	Amount Decrease
				Change Order # 47 Totals	\$ 19,451.66	-0-
				Net Changes (Increase)	\$ 19,451.66	-----

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

Date: 11-11-2024

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

Date: 11/14/2024

Approved By: _____
Joel Brown, P.E.
Chief Engineer,
Construction Projects
Unit, WRC

Date: _____

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

Date: _____

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

Date: _____

Except as included in this Change Order, the *Agreement* remains unchanged. Agreement on this Change Order shall constitute a final settlement of all matters relating to the change in the Work that is the subject of this Change Order, including, but not limited to, all direct and indirect costs associated with such change, and all effects of such change on unchanged Work and any and all adjustments to the Contract Sum and the Contract Time. By signing this Change Order, Construction Manager attests that the change in the amount of the Contract Sum authorized by the Change Order represents compensation in full for all costs, markup, and expenses, direct and indirect, associated with or attributable to the Change Order including any costs resulting from or caused by delays, impacts, acceleration, disruption, or loss of efficiency encountered by Construction Manager in the performance of the Work related to the Change Order, except as expressly identified and specifically reserved in the Change Order.

In addition, Construction Manager for itself, its Subcontractors and any other persons or entities acting by, through, or under them (collectively, "Releasers"), releases Owner, from any and all actual or potential claims or demands for delays, disruptions, additional work, additional compensation or an extension of the Contract Time, which Releasers may have, or in the future might have, against Owner, by reason of, based, on or in any manner connected with the subject of this Change Order or the performance of the Work identified in this Change Order, except as expressly identified and specifically reserved in the Change Order. This Change Order supersedes any referenced Work Directive.

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

Accepted by: Dave Paulini Date 2024 11 12
Title SENIOR PROJECT MANAGER

of: Walsh Construction Co. II, Inc.

This Change Order No. 47 was approved by the Drainage Board on: _____ Date: _____

Attachment No. 1 to Change Order No. Forty-Seven

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. Forty-Seven (November 04, 2024)
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 (Original)	March 28, 2023
Contract Final Completion Date (Original)	June 22, 2023
Total GMP Contract Value (Including Control Structure 9) (Reconciled for separation of Pre-Construction Costs)	\$ 42,933,381.88
C.O. Values, # 7 through # 46, and including CS-9 C.O. # 1,2,3,4 (Corrected Value from C.O. # 42)	\$ 7,807,505.87
This Change Order # 47	\$ 19,451.66
<i>Adjusted GMP Contract Value, Pump & Electrical Upgrades and CS-9 Projects (Including this C.O. # 47)</i>	\$ 50,760,339.41



CHANGE ORDER NO. 0002

Jim Nash, Oakland County Water Resources Commissioner
NIEA OMID Contract #2 PCI 18 & 19 Rehab (1-7408)
For Construction of CON00010396 - NI-EA OMID Contract No. 2A
7925 7 Mile, Detroit, MI 48234
Adjustments in the NIEA OMID Contract 2A Sum and Contract 2A Time

Authorization for Changes In Contract

Department No.: 6010101	Account No.: SC731472
Fund No.: 84918	Program No.: 149015
Project No.: 1-7408	Project Activity: 1-FAC-ACQ
Contractor Z Contractors, Inc.	Contract No.: CON00010396 - NI-EA OMID Contract No. 2A
50500 Design Lane Shelby Township, MI 48315	Date of Contract: 6/29/2023
	Completion Date: 1/21/2025

Ref. No.	Description Reason	Value Change	Time Change
NA	Watermain Relocation Permit Issuance	\$0.00	58
NA	MDOT Traffic Signal Permit Delay	\$0.00	27
Directive #7	Additional Rigging and Support	\$10,974.82	0

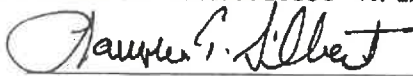
Notice to Proceed Date:

Original Contract Substantial Completion Date:	9/27/2024
Original Final Completion Date:	10/28/2024
Original Contract Value:	\$9,488,650.00
Previous C.O. Values	\$37,930.25
Change Order No. 0002 \$ Value	\$10,974.82
Change Order No. 0002 Days	85
Adjusted Contract Value	\$9,537,555.07
Adjusted Contract Substantial Completion Date	12/21/2024
Adjusted Contract Final Completion Date	1/21/2025



CHANGE ORDER NO. 0002

For Construction of CON00010396 - NI-EA OMID Contract No. 2A

Prepared By:  Date: 11-17-2024

Larry Gilbert
Sr. Principal Engineer

Recommended By:  Date: 11/15/2024

Abdulnasser Almadhoun
Sr. Project Engineer

Approved By: _____ Date: _____

Approved By: _____ Date: _____

Approved By: _____ Date: _____

Steve Korth, P.E.
Chief Manager, WRC

Except as included in this Change Order, the Agreement remains unchanged. Agreement on this Change Order shall constitute a final settlement of all matters relating to the change in the Work that is the subject of this Change Order, including, but not limited to, all direct and indirect costs associated with such change, and unchanged work, and any and all adjustments to the Contract Sum and the Contract Time. By signing this Change Order, Contractor attests that the change in the amount of the Contract Sum authorized by the Change Order represents compensation in full for all costs, markup, and expenses, direct and indirect, associated with or attributable to the Change Order, including any costs resulting from or caused by delays, impacts, acceleration, disruption or loss of efficiency encountered by Construction Manager in the performance of the Work through the date of the Change Order. In addition, Contractor for itself, its Subcontractors and any other persons or entities acting by, through or under them (collectively, "Releasers"), releases Owner, without any reservations, from any and all actual or potential claims or demands, disruptions, additional work, additional compensation or an extension of Contract Time, which Releasers may have, or in the future might have, against Owner, by reason of, based on, or in any manner connected with the subject of this Change Order or the performance of the Work identified in this Change Order.

The Contractor agrees to do the work and/or accepts quantity adjustments described above and agrees to accept the Contract Sum and Contract Time adjustments in full on the basis indicated.

Accepted By:  Date: 11-13-2024

Blake Zapczynski
Z Contractors, Inc.

The Contractor 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. 0002 was approved by the Drainage Board on:

CHANGE ORDER NO. TWO

NIEA OMID CONTRACT 2-A

Oakland Macomb Interceptor Drain, Drainage District (OMID DD)

Access Structure Construction and PCI 18 and 19 Rehabilitation

SUPPORTING NARRATIVE FOR CHANGE ORDER # 2 ITEMS

Item C.O. 2-1: Extension of Time due to Watermain Relocation Permit Issuance

Description: Adjust the Contract Time to reflect the additional administrative time required by DWSD and EGLE for issuance of the Watermain Relocation Permit on east bound Seven Mile Rd., adjacent to the proposed Access Structure. This delay created 58 calendar days of critical path delay.

Reason: Relocation of the Seven Mile Rd. watermain was required to avoid a major conflict with the proposed Seven Mile Access Structure, with the proposed watermain relocation in conflict with an adjacent relocated DTE gas main. The final issuance of the relocation permit was delayed by multiple iterations in the permitting process as required by DWSD and EGLE.

Item C.O. 2-2: Extension of Time due to MDOT Traffic Signal Permit Delay

Description: The existing traffic signal arrangement at the intersection of Van Dyke Ave. and 7 Mile Rd. required re-programming and signal head re-orientation for the required lane closures on both thoroughfares. The initial MDOT Permit process was significantly delayed by an internal MDOT processing procedure change after the initial submittal. This delay created an additional 26 calendar days of critical path delay .

Summary: Add 85 (58 + 26) calendar days to the Project Schedule to adjust the date of Substantial Completion, as follows:

Contract Date of Substantial Completion: NTP + 456 days = Sept. 27, 2024

Adjusted Date of Sub. Completion = 9-27-2024 + 87 cal. Days = Dec. 21, 2024

Item C.O. 2-3: Additional Rigging and Support Accessories for Operation of the PC 663 Bulkhead and Control Gates

Description: Provide partial reimbursement to the Contractor for furnishing and installing additional hoisting apparatus for raising and lowering the manual operated PC 663 Bulkhead Gate.

Reason: The Contract requirements provide for the raising and “pinning” of the PC 663 bulkhead gate for dormant storage during construction of Contracts 2-A and 2-B and also for potential long term future use by OMID and GLWA. A means to provide a simplified method to perform this repetitive task was developed to allow for efficiency and worker safety with the OMID DD providing partial reimbursement of the concept where the additional value to the Project Owner is identified as reimbursable.

Attachment:

Cost Breakdown for Rigging Arrangement and Cost Sharing Summary

Change Order Item 2-3:

SUMMARY:

Estimated cost of Rigging Apparatus (Total):	\$ 22,122.87
Estimated portion of OMIDDD Reimbursement:	\$ 9,543.32 (43%)
15% Markup on OMIDDD Reimbursement:	\$ 1,431.50
Total Cost of OMIDDD Reimbursement:	\$ 10,974.82

NIEA OMIID CONTRACT 2-A
PC 663 BULKHEAD GATE "PINNING" ARRANGEMENT

Proposed Cost Sharing Arrangement – Draft Only

ZCI Cost Estimate		OMID Participation-Proposed
14'- 7/8" chain	\$1681.70	100% = \$1,681.70
10'- 7/8" chain \$	1,201.22	50% = 600.61
1-1/2" SP Anchor Shackle	2,186.96	50% = 1,093.43
Kuplex Couplers	1,663.04	50% = 831.52
Masterlink- 1-1/4"	1,514.00	50% = 757.00
Fabricated Accessories	13,875.95	33% = 4,579.06
Totals:	\$ 22,122.87	43% = \$ 9,543.32
Allowable Contractor Markup (15%)		15% = <u>1,431.50</u>
	Total	\$ 10,974.82



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 Macomb County Public Works Commissioner's Office

SUBJECT: Approval of Mersino Dewatering Inc. Change Order for Contract Extension and Updated Rates

DATE: November 20, 2024

On October 10, 2024, the contract between Mersino Dewatering Inc. (Mersino) and OMIDDD (CON00010079) expired. As we still may need Mersino's services related to the burying of the CS-6 temporary bypass as well as other operational needs while we are still rehabilitating the Northeast Sewage Pumping Station, we believe this contract should be extended another two years.

Accordingly, the appended Change Order has been developed to extend Mersino's Contract #CON00010079 another two years. In addition, Mersino has provided updated rental rates for 2025 and 2026 that appear to be in-line with normal escalation from their previous rates. AN increase to the contract value is not needed at this time.

Please note that should an emergency need arisen prior to execution of this Change Order, the WRC still has a Contract with Mersino that could have been utilized to facilitate the work.

RECOMMENDED ACTION: Approve the attached change order to Mersino' Contract #CON00010079 to extend the contract time and update the contract rates for bypass pumping and dewatering services.

CHANGE ORDER NO. 1

**Jim Nash, Secretary, Oakland-Macomb Interceptor Drain Drainage District
 Oakland and Macomb Counties, MI
 For Dewatering and Bypass Pumping Services
 Cities of Shelby Twp., Sterling Heights, Warren and Detroit**

Authorization for Extras To & Changes In Contract

Department No. : 6010101
 Fund No. : 82912
 Project No. : N/A

Account No. : 730660
 Program No. : 149090
 Project Activity : N/A

Contractor :
 (Name & Address)

Contract No. : CON00010079
 Date of Contract: 10/20/21
 Completion Date: N/A

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
A	<p>LOCATION: OMID Contol Structures, Pipe and NESPS</p> <p>DESCRIPTION (Extra/Add): This change order extends the existing contract #CON00010079 another two years to October 20, 2026 for Mersino Dewatering Inc. to continue to provide dewatering and sewer bypass services on the OMID System. Rental rates shall be updated in accordance with the appended. No additional contract increase is needed at this time.</p>	LS	2 Years		2 Years	---

**JIM NASH
 OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<p>REASON: OMIDDD may require sanitary sewer bypass/and or pumping services during the burying of the CS-6 bypass structure as well as the continued rehabilitation of the NESPS. Mersino is a capable and qualified contractor who has already provided these services to OMIDDD in the past.</p>					
				Totals	\$0.00	\$0.00
				Net Increase	\$0.00	\$0.00

**JIM NASH
 OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

CHANGE ORDER NO. 1

**Jim Nash, Secretary, Oakland-Macomb Interceptor Drain Drainage District
Oakland and Macomb Counties, MI
For Dewatering and Bypass Pumping Services
Cities of Shelby Twp., Sterling Heights, Warren and Detroit**

Prepared by: _____ Date: _____
Joel Brown, P.E
OCWRC Chief Engineer-Construction Projects

Recommended by: _____ Date: _____
N/A
Consultant

Approved by: _____ Date: _____
Stephen Downing
MCPWO Construction and Maintenance Manager

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

Accepted by: _____ Date: _____
Rodney Mersino, Jr.
Mersino Dewatering, Inc.

Approved by: _____ Date: _____
Steve Korth, P.E.
Chief Manager

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

This Change Order was approved by the Drainage Board on:

Agenda Item No. 8

Construction Estimates

**Northeast Sewage Pumping Station- Pumping and Electrical Systems Upgrades Project
Located in the City of Detroit, Wayne County, Michigan**

Regular Construction Estimate No. Forty- Nine
Page One of Two

Period : October 01 through October 31, 2024

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

Construction Manager at Risk:

Vendor # 23191 LI 43331; exp. 12/16/22

Walsh Construction Co.

Date of Contract: Dec. 16, 2019

3031 West Grand Boulevard, Suite 640

(Adjusted Final Completion Date: July 28, 2023

Detroit, MI 48202

Contract No. 5977

Orig. GMP amount for Pump & Elec. Upgrades Project, and including CS-9	\$44,107,745.19
Pre-Construction Payment (Separate Accounting)	(\$1,244,560.00)
NESPS Pump & Elec. Upgrades Original Contract Budget	\$42,863,185.19
Change Orders, This Estimate: C.O. # 46	\$10,003.79
Previous C.O.s: (Numbers 7 through No. 45 and CS-9 # 1 through # 4)	\$7,807,505.87
Note: C.O. # 30 includes the budget transfer of \$70,196.70 from Pre-Con to GMP budget)	\$70,196.70
Adjusted Contract Amount including CS-9 values (Including C.O. # 45)	\$50,740,887.76
Sub-Total To Date	\$ 46,032,293.25
Less Deductions: None	\$ -
Less Amount Reserved (max. 10% of 50% of total CV, including CS-9 value)	\$ 2,537,044.39
Total Amount Allowed To Date: Work in Place = 91% complete	\$43,495,248.86
Less Previous Estimates: Balance to Finish: \$ 4,708,594.51	\$42,982,249.10
Payment Due	\$512,999.76
Reserve Pay to Contractor:	\$0.00

Accounting Auditor:

Amount to be Reserved	2,537,044.39
Less Previous Transfer to Reserve- Adjusted Value	2,533,171.52
Amount of Current Transfer to Reserve	\$3,872.87

Regular Construction Estimate No. 49; Oct. 01 through Oct. 31, 2024 - NESPS Pump & Electrical Upgrades

Page Two of Two

Prepared by: Lawrence T. Gilbert

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

Date: 11-14-2024

Recommended by: John Michalski

John Michalski, P.E., ASI

Date: 11/15/2024

Recommended by: _____

Joel Brown, P.E. Oakland County WRC

Date: _____

Recommended by: _____

Stephen Downing; Macomb County OPWC

Date: _____

Regular Construction Estimate No. 49; Oct. 01 through Oct. 31, 2024
NESPS Pump & Electrical Upgrades Project

Approved By Board On: _____

OMID DD NESPS PUMP & ELECTRICAL UPGRADES PROJECT

Retention Value Summary App # 49 (11-8-2024)

Application #	Retention Value	Transfer Value
45	\$2,528,005.12	-0-
46	\$2,529,113.89	\$1,108.77
47	\$2,532,486.57	Error \$3,372.68 Actual -0-
48	\$2,536,544.20	\$4,057.63
49	\$2,537,044.39	\$ 500.19

Reconcile:

Retention Value from App 45 to App 49: \$2,537,044.39 - \$ 2,528,005.12 = \$9,039.27

Correction:

Retention transfer actual taken = \$5,666.59

Add Value from App # 47 = 3,372.68

Total = \$9.039.27 = Ck.

Action: Adjust Retention Transfer on App # 49 to \$ \$3,872.87

11/8/2024- lg

OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD
For Construction of the NI-EA OMID Contracts 2 A and 2 B - PCI 18 and 19 Rehabilitation
Located in the City of Detroit, Wayne County, Michigan
Project ID : TBD

Regular Construction Estimate No. Fifteen (Contr. 2-A Only) Period: October 01 through 31, 2024

Department No.:	6010101	Account No.:	SC 731472
	FND84918	Program No.:	PRG 149015
Project No.:	PRJ-17408	Activity:	1-FAC-ACQ

Contractor:	Vendor # TBD Contract # 10396	
Z Contractors, Inc.	License # 07130 exp. 4-30-25	NTP 6/29/2023
50500 Design Lane	Final Completion Dates	Oct. 28, 2024 (2A) & June 24, 2025 (2-B)
Shelby Township, MI 48315	Adjusted Final Completion Dates: Same	

Original Construction Contract Amount	(Contract 2-A, Only)	\$9,488,650.00
Previous Change Orders: No. One		\$37,930.25
Change Orders This Estimate: None		\$0.00
Total Net Change Orders:		\$37,930.25
Adjusted Contract Amount: (Contract 2A Only)		\$9,526,580.25
Sub-Total To Date		\$7,877,708.25
Less Deductions: None		\$0.00
Gross Estimate, Work in Place	83 % Complete	\$7,877,708.25
Less Amount Reserved (Max. at 10% of 50% of adj. C.V.)		\$476,329.02
Total Amount Allowed To Date:		\$7,401,379.23
Less Previous Estimates		\$7,266,612.57
Net Payment Request To Be Paid To Contractor:		\$134,766.66
Reserve Payment to Contractor:		\$0.00
Balance to Finish: \$ 1,648,872.00	Accounting Auditor:	
Amount to be Reserved from Above		\$476,329.02
Less Previous Transfers To Reserve:		\$476,329.02
Amount of Current Transfer		\$0.00

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

Date: 11-15-2024

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

Date: 11/15/2024

Recommended by: _____
 Jennifer Cook, P.E. Oakland County WRC

Date: _____

Recommended by: _____
 Stephen Downing; Macomb County OPWC

Date: _____

Regular Pay Estimate No Fifteen; Oct. 01 through 31, 2024 Approved By Board On: _____

Agenda Item No. 9

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

Oakland Macomb Interceptor Drain Drainage District (OMIDDD)

Progress Update for Various Rehab Projects

Prepared by:

F. Klingler, P.E., B. Kelly, P.E., FK Engineering Assoc.

L. Gilbert, P.E., NTH Consultants, Ltd.

J. Michalski, P.E., Applied Science, Inc.; T. Moore, Metco Services, Inc.

J. Matteo, P.E., Jacobs Consultants Inc.

November 20, 2024 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (November 11, 2024) 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: Complete

Odor/Corrosion Control Systems: Construction NTP Sept. 10, 2024

- Construction Contract Value: \$7,419,000.00
- Jacobs Team Project Budget: \$2,327,622.86
- Total Spent (Invoice No. 18, through October 25, 2024): \$1,021,880.89
- Jacobs' effort is currently on time according to the latest project schedule

Status of Major Project Tasks:

- A construction contract with Commercial Contracting Corporation (CCC) was prepared and executed by CCC and OMIDDD designated representatives (CCC Contract Amount: \$7,419,000.00).
- The Notice-to-Proceed date for CCC is the date of the project pre-construction meeting, which was September 10, 2024.
- CCC is preparing updated project baseline schedule, schedule of values, and key submittals for long-lead equipment items, for Jacobs to review.
- CCC and OMIDDD representatives selected and implemented Procore for the project document management platform.
- CCC plans to begin site construction at the ST-S-3 site (Dodge Park Road and Sorrento Blvd.) in February/March 2025. Final Completion for the overall project is April 25, 2026.
- As part of their contract, Jacobs is conducting an odor study at Control Structure No. 9 (10 Mile Road and the ITC Corridor in City of Warren) due to recently received odor complaints. This additional effort is ongoing and is covered under a contract amendment (EWO #4).
- Permitting activities include the Sterling Heights' Engineering Department site plan review, which was completed, pending permits to be pulled by the selected construction contractor. Sterling Heights' Building Department site plan review was also completed. Jacobs processed payment of the Engineering Review fee, with reimbursement by OMIDDD. CCC is coordinating with the City regarding remaining permits/approvals and with utility providers for utility relocates.

- The design of the Control Structure No. CS-6 (15 Mile Road/ITC Corridor) odor/corrosion control facility remains on hold until the terms for grant funding of the adjacent Sterling Heights parcel (east of the ITC Corridor) are clarified with the National Park Service (grant originator), and data from other odor/corrosion control sites is available.

SRF Segment 2 (Contract 3) Status: Complete

SRF Segment 3 (Contract 4) Status: Complete

SRF Segment 4 (Contracts 5-7) Status: Complete NESPS Odor/Corrosion Control System: Complete

NESPS & OMID Maintenance, Operations & Upgrades Status:

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

- Mersino is under contract for standby emergency bypass pumping. No activity this month.
- The OMIDDD Project Team has finalized design for keeping the 15 Mile Road bypass pumping arrangement (initially constructed in summer 2021) intact and buried below grade. Final design package to be used to solicit bids from several OCWRC and MCPWS Blanket Contract Holders. Solicitation of bids is on hold pending negotiations and final agreement with ITC and other easement owners.
- Remaining items in the final emergency plan include punch-list and modifications at the 15 Mile Road Site, and overall optimization of the Emergency Plan per above. The final plan document will be revised after final installation of the emergency pumping conveyance conduit.

Additional work being performed under Metco Maintenance Contract for NESPS:

- Mechanical and Electrical corrective/preventative maintenance schedules continue.
- Coordination between OMIDDD, GLWA, MIDD, and Pump/Electrical Upgrade Project is ongoing and has not impacted station operations or the ability to meet demand.
- The installation of the new wet well elevator continues, scheduled for by the end of 2025.
- Stand-by Generator tie-in to new electrical switchgear is now complete.
- New Transformer(s) T3 and T4 are in service providing dual electrical duty without any issues. Recent adjustments to resolve minor overcurrent conditions have been completed by Rotor.
- Sanitary Pump #4 variable frequency drive (VFD) has a ship date of December 5, 2024. Preparations remain on track to install the VFD and related equipment. Start-up projected for the first quarter of 2025.
- Lardner has applied for the final Dry Well Elevator Permit from the City of Detroit. Outstanding items include the closeout inspection and emergency power tie-in. (Work remains in progress). An inspection date will be requested once the work has been completed. This is still a work in progress with a temporary permit in place.
- The north and south bar screens were inspected September 30, 2024. No cleaning was deemed necessary and both screens are in good condition. A follow-up inspection was

performed on October 4, 2024, with minimal debris observed.

- Sanitary Pump #6 and related equipment have been demolished and removed from the station.

Overall NESPS Station Performance Report by METCO:

- Mechanical: Sanitary Pumps #1 #2, #3, #5 and dewatering pump are ready for duty (Pumps #1, #3, and #5 have not performed to the design capacity but are provisionally approved by the manufacturer for use while evaluations and consideration of options for mitigation continue). Current Total Pumping Capacity equals 385cfs. Contract Capacity 423cfs. Firm Capacity is 400cfs.
- The overhaul of Sanitary Pump #4 shaft bearings and pump mechanical seal is complete.
- The wet well dewatering pump required a lip seal replacement which has been performed.
- NESPS/GLWA LOTO (Lock-Out Tag-Out) continues as a primary means of safety communication.
- Dry well submersible sump Pumps #1 and #2 have been demolished. New pumps were installed and tested during this reporting period.
- CMMS: NEXGEN asset management in use. Monthly status meetings are being held with OMID. Contractors are fulfilling their NEXGEN requirements with no outstanding issues to report.
- HVAC: New oxygen sensors have been installed and programming is complete. Rounds are conducted daily. Unit air filters are re-stocked and changed as required. Station ventilation and gas detection continue to be closely monitored.
- Bio Filter performance has been acceptable. No odor or complaints have been reported.
- Overall General Housekeeping tasks remain in order. Minor maintenance activities continue to be addressed in a timely manner.

Control Structures Performance Report (CS-5, CS-6, CS-7, CS-8, CS-9):

- Daily flow control operations continue to support MID/OMID/NIEA repair and improvement projects. (Weather permitting).
- No odors noticed during normal field operations.
- All LOTO protocols remain in place.
- System-wide communications are good.
- CS-5, CS-6 and CS-8 gates are in stand-by mode and ready for service.
- CS-9 in stand-by mode and ready for service. Oil loss as result of a broken hydraulic hose was repaired last month in a timely matter.
- Routine daily rounds and inspections made.

Other System Operation Issues

- O&M Manual is currently being revised to include new structures, recently modified structures, new monitoring equipment, EGLE approval of gate use for long term flow management, and recent inspection and repair status.

OMID Control Structure Upgrades Status:

- ASI is complete with design of major upgrades to control structures which takes into consideration long-term operability.
- Currently considering options for packaging and contract delivery (i.e., one or multiple contracts, etc.)
- Currently evaluating potential impacts on other projects and best timing for construction, although start of the work is on hold and tentatively planned for some time in 2025.

OMID System 6-Year Inspection Status:

- All inspections are complete and the final report has been finalized. Certain maintenance repairs identified during the inspection are planned to be completed by one of WRC or MCPWC task-order contractors; solicitation in progress.

NIEA Rehabilitation

Contract 1 (PCI-4 Rehabilitation): Complete

Contract 2A (PCI-18/19 Rehab): In Construction

Amt Invoiced: \$7,877,708.25 out of \$9,526,580.25 (construction, Contract 2A only) has been completed, representing 83 % complete.

Schedule Status: Contract 2A: The current Schedule projects Substantial Completion for November 25, 2024. A Change Order has been prepared for OMIDDD Board review that will extend the date of Substantial Completion to Dec. 21, 2024.

Contract 2 (PCI -18/19 Rehabilitation) Construction Status:

- Traffic control equipment along Van Dyke is demobilized, with all lanes now open to normal traffic. Work on installation of the PC 663 Bulkhead and Control Gate remains in progress.
- The Seven Mile shaft is complete, and 7 Mile Rd. is now fully open to normal traffic.
- Geotechnical instrumentation final readings have been taken indicating stable conditions.
- The PC 663 main bulkhead gate has been installed with work underway on the Control gates and actuators.
- The Contractor and the Engineer’s field staff have continued to work successfully with the local community on traffic control issues and business interference concerns.
- Coordination efforts between Contract 2B (projected to begin March 2025) and downstream DRI work by GLWA continue. Coordination meetings took place in September and October, 2024, future meetings will be planned as necessary.

The **draft** line item schedule and budgets for OMID NIEA Contracts 1 and 2 are summarized:

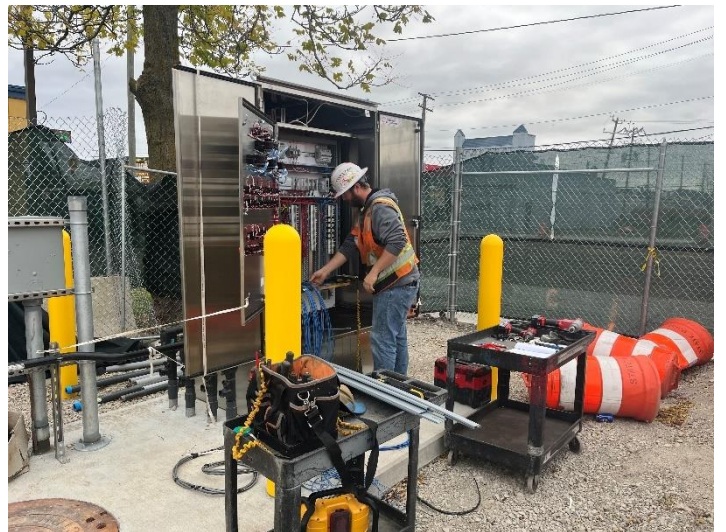
Work Item/ Milestone	Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
Contract Award and NTP			12/16/2020 and 1/04/2021 (Contract 1) 6/20/23 and 7/1/23 (Contract 2)
Subtotal - Design	\$2,400,570		
Completion of Construction	\$3,500,000	\$28,630,000	Contract 1, SC at 1/24; FC 4/24 Contract 2A& B, est. SC at 9/24 and FC 8/25.



Electrical and Communication installation



Conduit installation



Electrical panel in laydown area

NESPS Pump and Electrical Upgrades Project

Budget Status: The total construction amount invoiced as of November 30, 2023, is \$46,032,293.25 out of \$ 50, 740,887.76 (including the operational Control Structure 9 Bulkhead Gate facility and adjusted for stored material inclusion in major work activities), representing 91 % of the Pump & Electrical Upgrades Project, with additional change order additions equalizing the regular work completion values.

Schedule Status: Work is currently influenced by performance evaluations of Pump #1, #3, and #5. The estimated delay is 24 months, which cannot be recovered. The project team hopes to reduce further delay with schedule enhancement efforts. Negotiations with the Contractor are ongoing.

The following Design Team and Construction Services Effort is active:

- Construction Phase services (RFIs, Submittals) are ongoing, and the engineering team is reviewing and responding.
- The new Sewage Pumps #1, #3 and #5 have been installed with all 3 pumps approved for provisional use but currently operating below design capacity. “Flow-fin” vanes have been installed in Pump #6 influent piping/spool to address the previously identified “pre-swirl” effects. This process may be repeated at the other pumps on the basis of Pump #6 results.
- The original Knife Gate Valve (KGV)# 6 has been dismantled from its operating location and is stored outside the pump station. The new replacement KGV # 6 is now installed. Concrete support foundations for Pump 6 are complete, and the Devcon ring and conical pump base is installed. The erection of Pump 6 is underway, to be followed by discharge piping.
- Sanitary Pump #5 is in service for the initial evaluation period. While discharge rates are somewhat below design expectations, the overall performance has been generally positive.
- Demolition of the existing Wet Well Elevator components is complete. The installation of the new elevator, rail, and accessory equipment continues on-schedule, projected for completion in late November 2024.
- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.
- Installation of small diameter conduit runs, lighting improvements, fire alarm systems, and wiring in the existing NESPS building is approaching substantial completion.
- The August 23, 2022 Arc-Flash incident remains under investigation. The Construction Manager has filed an OCIP claim with first payment received by OMID and disbursement in process.
- Schedule adjustments are currently under discussion. The Contractor has revised the sequence of rehabilitation for the existing Pump Knife Gate Valves: KG#1, #2, and #5 have been re-installed after rehabilitation. KGV #6 is now replaced with a new knife gate valve rather than refurbishing the original to realize schedule improvements and potential cost savings.
- Work on the alternate discharge piping installation for the Dewatering Pump is complete. Personnel safety screens have been installed. Modifications to the shaft screens on the larger Sewage Pumps have also been completed to allow for greater maintenance flexibility.
- The switchover of the existing primary transformers, demolition of the concrete-encased conduit in the Electrical Building basement, and the floor and wall concrete replacement, have all been completed.
- All phases of concrete paving are now complete. Final site grading and punch-list work is ongoing and near completion.
- Fabrication of the new 25-ton overhead crane for the Motor Room continues, with factory tests scheduled for mid-November 2024. The installation schedule will be coordinated with other tasks involving use of the crane to avoid any delays to ongoing work.
- The primary Transformers T3 and T4 have been replaced.
- Underground electrical conduit installation extending from the standby generators to the electrical building basement is complete with power and control cable installation in progress.
- The new duplex sump pumps are installed and are operable in the dry well pipe gallery sump area, and floats and level controls are also functioning.

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

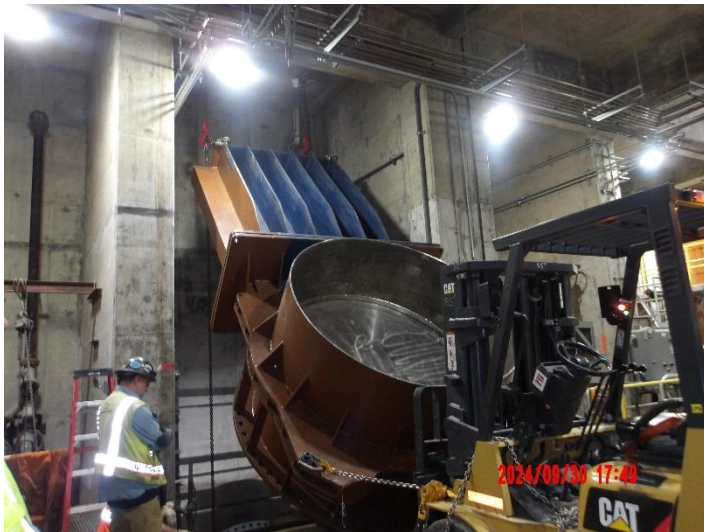
Work Item/ Milestone		Design/CCA Budget	Const Budget	Estimated Delivery Date
2	Final Basis of Design			5/31/2019
9	Final Package Development			8/14/2020
Subtotal		\$3,826,000		
10	Substantial Completion	\$2,500,000 (est.)	\$49,380,000	3/19/2025 (late)
11	Final Completion		\$49,380,000	June 2025 (late)



**NESPS Refurbishment Project
Location**



Pump #6 discharge piping interior FRP lining



KGV 6 installation



Pouring Pump #6 electrical motor footing



Pump #6 Discharge 90° Elbow



Preparing pump #6 discharge pipe for installation



Pump #6 Motor



Pump #6 support install (upper and lower)



Installing Pump #6 magnetic flow meter



OMID Improvements at CS-6 Site (lining btwn CS-12 & CS-4)

Slip lining with Hobas upstream of CS12 and grouting of the annular space is completed upstream of CS-12 (~6,930 feet). At this time, the Segment 5 Contractor has demobilized and a new Contractor will be mobilizing to complete the remainder of the Segment 5 work, including the OMIDDD lining work between CS-4 and CS-12. I the meantime. a temporary roof has been fabricated and placed for CS-12.



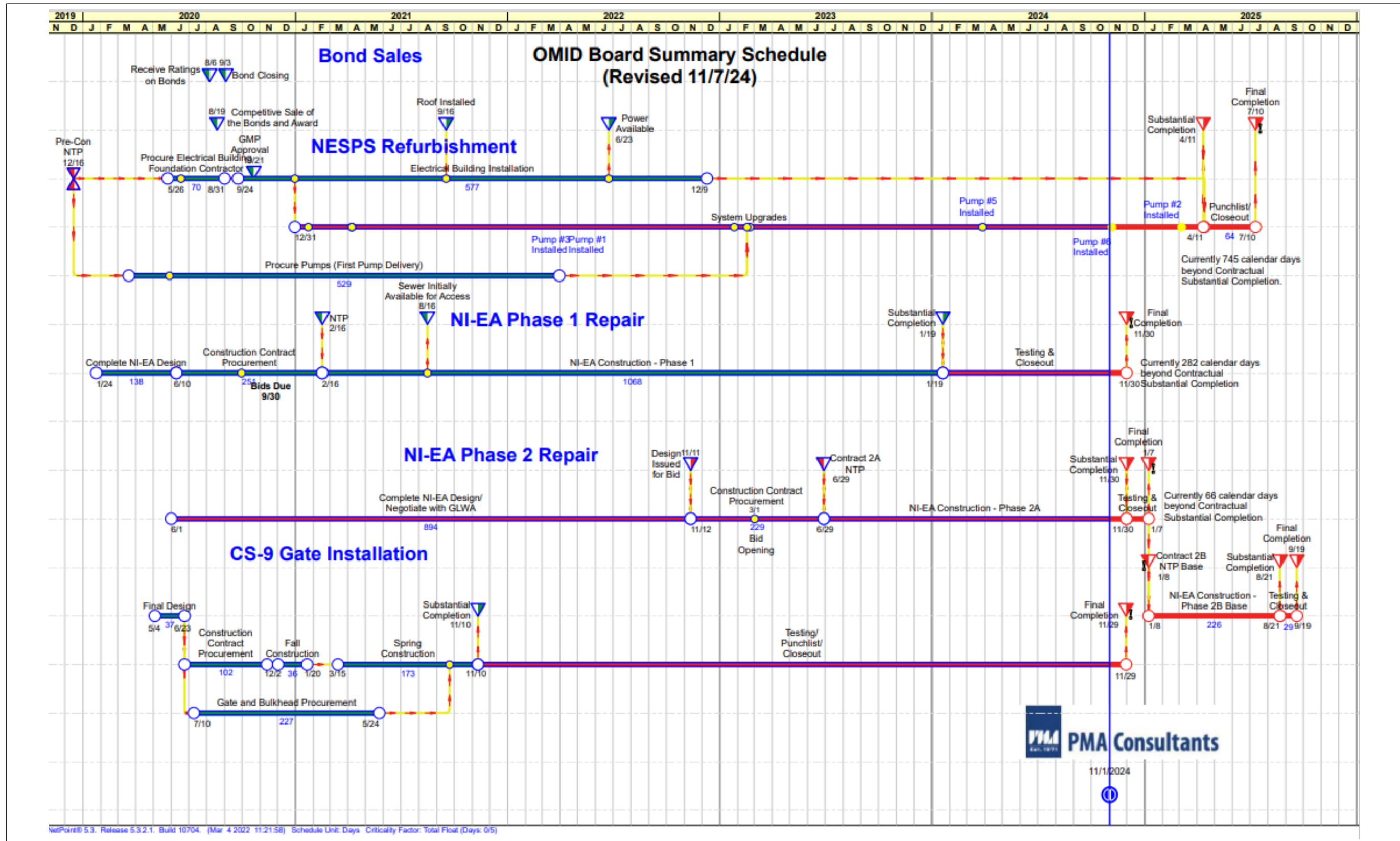
Stage slip-lining pipe segment



Temporary roof for CS-12

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/Y	Y/Y/Y	Y/Y/Y	N/A
N/A	OMID Maintenance Repairs	Doetsch	Y	Y	Y	Y	N/A
N/A	CS-9 Gate Modifications	Walsh as CMR	Y	Y	N	N	Y
N/A	NESPS Pump & Electrical Upgrade	ASI;Walsh as CMAR	N	N	N	N	Y
N/A	3-year inspection and repairs	Doetsch	Y	Y	Y	Y	N/A
N/A	6-year inspection	Doetsch	Y	Y	Y	Y	N/A



OMID Project Schedule Summary

Agenda Item No. 10

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

YTD Trial Balance Fund: 84917 Oakland Macomb InterceptorSeg5 As of Fiscal Period: Month 1, 2025		OMID SEGMENT 5 BOND ISSUE PRJ-13252	OMID NI-EA CONSTRUCTION PRJ-13308	NESPS MECH-ELEC CONSTRUCTION PRJ-13309	YTD Balance
100100	Cash - Operating	2,999,012.24	3,937,107.54	5,049,033.36	11,985,153.14
143100	PrepaidExpenses			232,524.60	232,524.60
	ASSETS	2,999,012.24	3,937,107.54	5,281,557.96	12,217,677.74
201210	Vouchers Payable AP Cont		(420.00)	(122,205.49)	(122,625.49)
222300	Unearned Revenues	0.00	0.00	(897,638.74)	(897,638.74)
	LIABILITIES	0.00	(420.00)	(1,019,844.23)	(1,020,264.23)
605000	Special Assessments Revenue		(831,327.96)	(1,613,754.28)	(2,445,082.24)
	REVENUES	0.00	(831,327.96)	(1,613,754.28)	(2,445,082.24)
730000	Contractual Services		0.00	970,115.58	970,115.58
770000	Internal Support Expenditures		1,018.78	3,913.22	4,932.00
	EXPENSES	0.00	1,018.78	974,028.80	975,047.58
381315	FB Restricted Debt	(47,288,433.00)			(47,288,433.00)
382100	FB Committed for Capital Proj	44,289,420.76	(3,106,378.36)	(3,621,988.25)	37,561,054.15
	Fund Balance	(2,999,012.24)	(3,106,378.36)	(3,621,988.25)	(9,727,378.85)
		(0.00)	0.00	0.00	(0.00)

Cash as of 10/31/2024 \$ 11,985,153.14

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance 0.00

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (667,518.56)

Total Net Cash Balance \$ 11,317,634.58

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-13308 OMID NI-EA CONSTRUCTION
Budget Structure Project Task
Budget Name
Period FY2025 - Oct

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	28,395,600.00	1,018.78	-	-	1,018.78	1,018.78	24,270,168.52	4,125,431.48
1 > Administration	584,000.00	-	-	-	-	-	175,749.40	408,250.60
1 > Engineering	478,000.00	1,018.78	-	-	1,018.78	1,018.78	278,971.92	199,028.08
1 > Engineering Consultants	4,913,000.00	-	-	-	-	-	5,877,676.59	(964,676.59)
1 > Facility Acquisition	17,983,600.00	-	-	-	-	-	17,400,876.92	582,723.08
1 > Legal and Financial	1,259,000.00	-	-	-	-	-	251,349.59	1,007,650.41
1 > Right of Way	265,000.00	-	-	-	-	-	86,378.76	178,621.24
1 > STANDARD	40,000.00	-	-	-	-	-	199,165.34	(159,165.34)
Project Revenues	-	831,327.96	-	-	831,327.96	(831,327.96)	28,206,856.06	
RC605572 - Special Assessments Revenue	-	831,327.96	-	-	831,327.96	(831,327.96)	6,235,012.99	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	21,965,099.65	
RC698200 - Insurance Recoveries	-	-	-	-	-	-	6,743.42	
Revenue Over/ (Under) Expenses							3,936,687.54	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-13252 OMID Segment 5
Budget Structure Project Task
Budget Name
Period FY2025 - Oct

Project	Actuals MTD	Actuals YTD	Total	Actuals LTD	Variance
Project Expenses	-	-	-	757,136.57	(757,136.57)
1 > Administration	-	-	-	242,201.57	(242,201.57)
1 > Legal and Financial	-	-	-	514,935.00	(514,935.00)
Project Revenues	-	-	-	3,756,148.81	
RC605572 - Special Assessments Revenue	-	-	-	894,060.05	
RC655077 - Accrued Interest Adjustments	-	-	-	86,724.04	
RC655385 - Income from Investments	-	-	-	1,689,277.39	
RC655462 - Increase Market Value Investment	-	-	-	1,084.24	
RC697219 - Premiums on Bonds Sold	-	-	-	7,672,724.75	
RC697551 - Issuance of Bonds	-	-	-	(6,587,721.66)	
Revenue Over/ (Under) Expenses				2,999,012.24	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-13309 NESPS MECH-ELEC CONSTRUCTION
Budget Structure Project Task
Budget Name
Period FY2025 - Oct

Project	Final Budget	Actuals MTD	Commitments	Obligations YTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	54,086,000.00	974,028.80	-	-	974,028.80	974,028.80	49,315,196.24	4,770,803.76
1 > Administration	620,000.00	11.96	-	-	11.96	11.96	49,014.93	570,985.07
1 > Engineering	446,000.00	946.54	-	-	946.54	946.54	341,088.89	104,911.11
1 > Engineering Consultants	3,987,000.00	-	-	-	-	-	4,322,968.09	(335,968.09)
1 > Facility Acquisition	40,857,000.00	1,000,000.00	-	-	1,000,000.00	1,000,000.00	42,317,419.70	(1,460,419.70)
1 > Inspection	285,000.00	2,954.72	-	-	2,954.72	2,954.72	440,511.47	(155,511.47)
1 > Legal and Financial	2,417,000.00	20,115.58	-	-	20,115.58	20,115.58	596,099.27	1,820,900.73
1 > STANDARD	130,000.00	(50,000.00)	-	-	(50,000.00)	(50,000.00)	1,245,943.58	(1,115,943.58)
1 > Survey	34,000.00	-	-	-	-	-	2,150.31	31,849.69
Project Revenues	-	1,613,754.28	-	-	1,613,754.28	(1,613,754.28)	53,576,909.97	
RC605572 - Special Assessments Revenue	-	1,613,754.28	-	-	1,613,754.28	(1,613,754.28)	10,969,811.96	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	41,837,622.01	
RC698200 - Insurance Recoveries	-	-	-	-	-	-	769,476.00	
Revenue Over/ (Under) Expenses							4,261,713.73	

YTD Trial Balance Fund: 84918 NIEA Contract #2 As of Fiscal Period: Month 1, 2025		NIEA Contract #2 Bond Issue PRJ-17384	NIEA Contract #2 Construction PRJ-17408	YTD Balance
100100	Cash - Operating	278,296.92	8,846,855.95	9,125,152.87
	ASSETS	278,296.92	8,846,855.95	9,125,152.87
201210	Vouchers Payable AP Cont		(117,405.45)	(117,405.45)
222300	Unearned Revenues		(4,009,859.03)	(4,009,859.03)
	LIABILITIES	0.00	(4,127,264.48)	(4,127,264.48)
605000	Special Assessments Revenue		(5,359,369.12)	(5,359,369.12)
	REVENUES	0.00	(5,359,369.12)	(5,359,369.12)
	EXPENSES	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(278,296.92)	639,777.65	361,480.73
	Fund Balance	(278,296.92)	639,777.65	361,480.73
		0.00	(0.00)	(0.00)

Cash as of 10/31/2024 \$ 9,125,152.87

Invoices/Reimbursements for Construction PRJ-17408 on Current Agenda impacting Cash Balance (217,462.55)

Total Net Cash Balance \$ 8,907,690.32

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-17408 NI-EA C2 PCI 18&19 Rehab
Budget Structure Project Task
Budget Name
Period FY2025 - Oct

Project	Final Budget	Actuals MTD	Commitments	Obligations	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	15,600,000.00	-	-	-	-	-	8,879,799.21	6,720,200.79
1 > Engineering	235,465.00	-	-	-	-	-	716.16	234,748.84
1 > Engineering Consultants	2,089,000.00	-	-	-	-	-	1,136,141.46	952,858.54
1 > Facility Acquisition	12,596,000.00	-	-	-	-	-	7,266,612.58	5,329,387.42
1 > STANDARD	15,796.00	-	-	-	-	-	476,329.01	(460,533.01)
Project Revenues	-	5,359,369.12	-	-	5,359,369.12	(5,359,369.12)	13,599,390.68	
RC605572 - Special Assessments Revenue	-	5,359,369.12	-	-	5,359,369.12	(5,359,369.12)	5,552,583.97	
RC631827 - Reimb General	-	-	-	-	-	-	2,250,000.00	
RC697219 - Premiums on Bonds Sold	-	-	-	-	-	-	176,878.45	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	5,619,928.26	
Revenue Over/ (Under) Expenses							4,719,591.47	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-17384 OMIDDD
Budget Structure Project Task
Budget Name
Period FY2025 - Oct

Project	Actuals MTD	Actuals	Total Spend	Actuals LTD	Variance
Project Expenses	-	-	-	124,622.50	(124,622.50)
1 > Administration	-	-	-	124,622.50	(124,622.50)
Project Revenues	-	-	-	402,919.42	
RC655385 - Income from Investments	-	-	-	292,847.68	
RC697551 - Issuance of Bonds	-	-	-	110,071.74	
Revenue Over/ (Under) Expenses				278,296.92	

County of Oakland
Oakland Macomb InterceptorCh21 Fund
Statement of Revenues, Expenses, and Changes in Net Position
For the Twelve Months Ended September 30, 2024
100% of The Year Complete

	<u>Amended Budget</u>	<u>Actual</u>	<u>(Unfavorable) Variance</u>	<u>TYD % of Budget</u>
Operating revenues				
Sewage Disposal Services	\$ 78,650,890.00	\$ 75,848,666.00	\$ (2,802,224.00)	96.44%
Inspection Fees	320.00	0.00	(320.00)	0.00%
Plan Review Fees	170.00	0.00	(170.00)	0.00%
Total operating revenue:	<u>\$ 78,651,380.00</u>	<u>\$ 75,848,666.00</u>	<u>\$ (2,802,714.00)</u>	<u>96.44%</u>
Operating expenses				
Contractual services				
Contracted Services	\$ 11,537,250.00	\$ 1,345,754.16	\$ 10,191,495.84	11.66%
Electrical Service	919,650.00	1,156,231.70	(236,581.70)	125.73%
Engineering Services-Other	45,000.00	33,353.94	11,646.06	74.12%
Equipment Maintenance	445,630.00	689,499.68	(243,869.68)	154.72%
Equipment Repair	725,000.00	1,374,173.31	(649,173.31)	189.54%
Insurance	1,300,000.00	1,238,247.05	61,752.95	95.25%
Land and Easements	0.00	10,179.69	(10,179.69)	No Budget
Legal Services	74,790.00	2,888.50	71,901.50	3.86%
Licenses and Permits	710.00	1,354.90	(644.90)	190.83%
Membership Dues	0.00	538.83	(538.83)	No Budget
Natural Gas	80,000.00	29,674.29	50,325.71	37.09%
Professional Services	0.00	(10,677.67)	10,677.67	No Budget
Public Services	60,000.00	58,286.88	1,713.12	97.14%
Recording Fees Expense	0.00	100.00	(100.00)	No Budget
Right of Way	7,930.00	0.00	7,930.00	0.00%
Sewage Disposal Services	72,221,800.00	68,320,400.00	3,901,400.00	94.60%
Water and Sewage Charges	125,000.00	127,096.77	(2,096.77)	101.68%
Workshops and Meeting	1,040.00	2,880.72	(1,840.72)	276.99%
Total contractual services	<u>\$ 87,543,800.00</u>	<u>\$ 74,279,982.75</u>	<u>\$ 14,563,817.25</u>	<u>84.85%</u>
Commodities				
Material and Supplies	\$ 2,770.00	\$ (531.13)	\$ 3,301.13	-19.17%
Total commodities	<u>\$ 2,770.00</u>	<u>\$ (531.13)</u>	<u>\$ 3,301.13</u>	<u>-19.17%</u>
Internal services				
Drain Equip Materials	\$ -	\$ 1,080.76	\$ (1,080.76)	No Budget
Drain Equip Labor	101,220.00	96,205.72	5,014.28	95.05%
Drain Equipment	3,590.00	4,050.62	(460.62)	112.83%
Total internal services	<u>\$ 104,810.00</u>	<u>\$ 101,337.10</u>	<u>\$ 3,472.90</u>	<u>96.69%</u>
Total operating expense	<u>\$ 87,651,380.00</u>	<u>\$ 74,380,788.72</u>	<u>\$ 13,270,591.28</u>	<u>84.86%</u>
Operating income (loss)	<u>\$ (9,000,000.00)</u>	<u>\$ 1,467,877.28</u>	<u>\$ 10,467,877.28</u>	<u>-16.31%</u>
Nonoperating revenues (expenses)				
Income from investments	\$ 300,000.00	\$ 1,065,406.08	\$ 765,406.08	355.14%
Total nonoperating revenues (expenses)	<u>\$ 300,000.00</u>	<u>\$ 1,065,406.08</u>	<u>\$ 765,406.08</u>	<u>355.14%</u>
Income (loss) before transfer	<u>\$ (8,700,000.00)</u>	<u>\$ 2,533,283.36</u>	<u>\$ 11,233,283.36</u>	<u>355.14%</u>
Transfers in	0.00	0.00	0.00	No Budget
Transfers out	0.00	0.00	0.00	No Budget
Change in net position	<u>\$ (8,700,000.00)</u>	<u>\$ 2,533,283.36</u>	<u>\$ 11,233,283.36</u>	<u>-29.12%</u>
Net Position - beginning		<u>15,711,211.52</u>		
Net Position - ending		<u>\$ 18,244,494.88</u>		

**County of Oakland
OMIDD Maintenance Fund
Statement of Net Position
September 30, 2024**

ASSETS

Current assets:

Cash	\$ 20,665,539.47
Accrued interest receivable	-
Due from municipalities	4,623,282.59
Due from other funds	-
Prepaid Expenses	484,127.89
 Total assets	 <u>\$ 25,772,949.95</u>

LIABILITIES

Current liabilities:

Vouchers payable	\$ 214,338.51
Accounts Payable	7,309,866.56
Due To Municipalities	-
Due To Other Funds	-
Deposits	4,250.00
 Total liabilities	 <u>\$ 7,528,455.07</u>

NET POSITION

FB Major Maint Reserve	4,618,749.49
FB Emergency Maint Reserve	2,513,849.13
FB Capital Improvement Reserve	7,314,045.32
FB Restricted Programs	3,797,850.94
Total net position	<u><u>\$ 18,244,494.88</u></u>

Oakland County - Water Resources Commissioner's Office
Fund Equity: Schedule of Reserves and Dedicated Funds
As of Date: October 31, 2024

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	4,445,992.89	2,515,991.49	6,085,538.90	6,284,227.97		19,331,751.25
84917	OMIDD Seg 5						
	- Project 1-3252 Interceptor Seg 5					2,999,012.24	
	- Project 1-3308 NI - EA Construction					3,105,359.58	
	- Project 1-3309 NESPS Construction					<u>2,647,959.45</u>	<u>8,752,331.27</u>
84918	OMIDDD North Interceptor East Arm – Contract #2						
	- Project: PRJ-17384 OMIDDD NIEA Contract2 Bond Adm					278,296.92	
	- Project: PRJ-17408 OMIDDD NIEA Contract2 Construction					<u>(639,777.65)</u>	<u>(361,480.73)</u>
Total Equity in Maintenance and Construction Funds							<u><u>28,084,082.52</u></u>

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

OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS

OMIDD Meeting Date 11/20/2024

		84917	84917	84918	82912	
		1-3308	1-3309	1-7408		
<u>Payable To</u>	<u>Invoice #</u>	<u>Segment 5 NIEA Construction</u>	<u>Segment 5 NESPS Mech / Electric Construction</u>	<u>NIEA Contract #2 Construction</u>	<u>Operations & Maintenance</u>	<u>Total</u>
Oakland County *	WRC Labor/Fringes/Non-direct Labor (09/21/2024 - 10/18/2024)	5,262.84	8,183.89			13,446.73
Oakland County *	WRC Equipment (09/21/2024 - 10/18/2024)	114.36	273.56			387.92
Applied Science, Inc	Invoice # 68 (ASI Inv. #8968) Services 09/29/24 to 10/26/24		76,604.85			76,604.85
Applied Science, Inc	Invoice # 68A (ASI Inv. #8969) Services 09/29/24 to 10/26/24		904.64			904.64
Clark Hill PLC	Invoice #1503478 Matter 463149 Walsh Construction Svs Through 10/31/2024		385.00			385.00
Dickinson Wright PLLC	Invoice # 1978146 Matter 012840-00466 MIDDD Agreement Through 10/31/24				\$176.00	176.00
Gallager Risk Management	Invoice # 5242192 Construction Safety Consultant Services Installment 1 of 4		48,730.50			48,730.50
HESCO (Hamlett)	Invoice # 242596 Flow Control Structures				7,138.26	7,138.26
Jacobs Consultants, Inc.	Invoice # C6A19900-18 OMIDD Odor & Corrosion Facilities 9/21/24 -10/25/24				13,827.81	13,827.81
Lardner Elevator Company	Invoice # 202724 - Elevator Maintenance September 2024				204.00	204.00
Lardner Elevator Company	Invoice # 202926 - Additional Insurance coverage				10,964.00	10,964.00
METCO Consulting Engineers	Invoice # 1811-70 09/30/2024 Through 11/03/2024				103,344.12	103,344.12
Motor City Electric Technologies	Invoice # 96013 T&M SCADA Work 09/05/24				585.00	585.00
Motor City Electric Technologies	Invoice # 96014 T&M SCADA Work 09/26/24				1,035.62	1,035.62
Motor City Electric Technologies	Invoice # 96015 T&M SCADA Work 09/26/24				67.68	67.68
Motor City Electric Technologies	Invoice # 96048 T&M SCADA Work 10/24/24				1,051.00	1,051.00
Motor City Electric Technologies	Invoice # 96050 T&M SCADA Work 10/22/24				176.00	176.00
NTH Consultants	Invoice # 637516 (D-458 & D-463) Engineering Services 9/21/2024 - 10/25/2024			82,695.89		82,695.89
PM Technologies	Invoice # 95025246 NESPS replace Solenoid Valves 10/15/2024				5,355.00	5,355.00
PMA Consultants	Invoice # 03559.01 - 53 Professional Services NESPS 10/01 - 10/31/24		24,020.94			24,020.94
Walsh Construction	Construction Estimate # 49 NESPS Pump & Electircal Upgrades Project		516,872.63			516,872.63
Z Contractors	Construction Estimate # 15 NI-EA contract #2A and 2B - PCI 18 and 19			134,766.66		134,766.66
	Total Invoices/Reimbursements for Approval	5,377.20	675,976.01	217,462.55	143,924.49	1,042,740.25
	* Less WRC Charges already paid from OMI Fund	(5,377.20)	(8,457.45)	0.00		(13,834.65)
	Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board	0.00	667,518.56	217,462.55	143,924.49	1,028,905.60

Agenda Item No. 11

Invoices

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								9/21/2024	-	10/18/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity	
1094849	9/26/2024	9/9/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	9/26/2024	9/12/2024	BROWN, JOEL	3.00	\$421.08	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	9/26/2024	9/13/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	9/26/2024	9/16/2024	BROWN, JOEL	2.50	\$350.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	9/26/2024	9/18/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	9/26/2024	9/19/2024	BROWN, JOEL	5.00	\$701.80	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	9/26/2024	9/20/2024	BROWN, JOEL	4.00	\$561.44	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	10/14/2024	9/23/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	10/14/2024	9/24/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	10/14/2024	9/30/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	10/14/2024	10/2/2024	BROWN, JOEL	0.50	\$70.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	10/14/2024	10/3/2024	BROWN, JOEL	3.00	\$421.08	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
			BROWN, JOEL Total		\$3,789.72					
1050210	10/1/2024	9/24/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION	
1050210	10/1/2024	10/1/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION	
1050210	10/1/2024	10/3/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION	
1050210	10/15/2024	10/8/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309	INSPECTION	
1050210	10/15/2024	10/10/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309	INSPECTION	
1050210	10/15/2024	10/15/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309	INSPECTION	
1050210	10/15/2024	10/17/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309	INSPECTION	
			POUSHO, ROBERT Total		\$3,274.24					
1131289	9/25/2024	9/9/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13309	ENGINEERING	
1131289	9/25/2024	9/16/2024	PUSCAS, JACK J	1.50	\$130.17	REGULAR	WRCADM	PRJ-13309	ENGINEERING	
1131289	10/9/2024	9/23/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13309	ENGINEERING	
1131289	10/14/2024	9/30/2024	PUSCAS, JACK J	2.00	\$173.56	REGULAR	WRCADM	PRJ-13309	ENGINEERING	
1131289	10/14/2024	9/30/2024	PUSCAS, JACK J	0.50	\$50.44	OVERTIME	WRCADM	PRJ-13309	ENGINEERING	
1131289	10/9/2024	10/1/2024	PUSCAS, JACK J	2.00	\$173.56	REGULAR	WRCADM	PRJ-13309	ENGINEERING	
1131289	10/9/2024	10/4/2024	PUSCAS, JACK J	2.00	\$173.56	REGULAR	WRCADM	PRJ-13309	ENGINEERING	
			PUSCAS, JACK J Total		\$874.85					
1255122	10/9/2024	9/25/2024	ROBERTOY, KATY	4.00	\$245.08	REGULAR	WRCCON	PRJ-13309	ADMINISTRATION	
			ROBERTOY, KATY Total		\$245.08					
			Grand Total		\$8,183.89					

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								9/21/2024	-	10/18/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1094849	9/26/2024	9/9/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/9/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/9/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/12/2024	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/12/2024	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/12/2024	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/13/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/13/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/13/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/16/2024	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/16/2024	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/16/2024	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/18/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/18/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/18/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/19/2024	BROWN, JOEL	5.00	\$2.00	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/19/2024	BROWN, JOEL	5.00	\$11.70	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/19/2024	BROWN, JOEL	5.00	\$1.25	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/20/2024	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/20/2024	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1094849	9/26/2024	9/20/2024	BROWN, JOEL	4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1094849	10/14/2024	9/23/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1094849	10/14/2024	9/23/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1094849	10/14/2024	9/23/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1094849	10/14/2024	9/24/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1094849	10/14/2024	9/24/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1094849	10/14/2024	9/24/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1094849	10/14/2024	9/30/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1094849	10/14/2024	9/30/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1094849	10/14/2024	9/30/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1094849	10/14/2024	10/2/2024	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1094849	10/14/2024	10/2/2024	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1094849	10/14/2024	10/2/2024	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1094849	10/14/2024	10/3/2024	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1094849	10/14/2024	10/3/2024	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1094849	10/14/2024	10/3/2024	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
			BROWN, JOEL Total		\$80.76					
1050210	10/1/2024	9/24/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1050210	10/1/2024	9/24/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1050210	10/1/2024	10/1/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1050210	10/1/2024	10/1/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1050210	10/1/2024	10/3/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1050210	10/1/2024	10/3/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1050210	10/15/2024	10/8/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1050210	10/15/2024	10/8/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1050210	10/15/2024	10/10/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1050210	10/15/2024	10/10/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1050210	10/15/2024	10/15/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1050210	10/15/2024	10/15/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1050210	10/15/2024	10/17/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1050210	10/15/2024	10/17/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
			POUSHO, ROBERT Total		\$153.44					
1131289	9/25/2024	9/9/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	9/25/2024	9/9/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1131289	9/25/2024	9/16/2024	PUSCAS, JACK J	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	9/25/2024	9/16/2024	PUSCAS, JACK J	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1131289	10/9/2024	9/23/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	10/9/2024	9/23/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1131289	10/14/2024	9/30/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	10/14/2024	9/30/2024	PUSCAS, JACK J	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	10/14/2024	9/30/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1131289	10/14/2024	9/30/2024	PUSCAS, JACK J	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1131289	10/9/2024	10/1/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	10/9/2024	10/1/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1131289	10/9/2024	10/4/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	10/9/2024	10/4/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING

			PUSCAS, JACK J Total		\$27.40				
1255122	10/9/2024	9/25/2024	ROBERTOY, KATY	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13309	ADMINISTRATION
1255122	10/9/2024	9/25/2024	ROBERTOY, KATY	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13309	ADMINISTRATION
1255122	10/9/2024	9/25/2024	ROBERTOY, KATY	4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ADMINISTRATION
			ROBERTOY, KATY Total		\$11.96				
			Grand Total		\$273.56				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								9/21/2024	-	10/18/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity	
1094815	9/26/2024	9/9/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	9/26/2024	9/10/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	9/26/2024	9/16/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	9/26/2024	9/18/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	9/26/2024	9/20/2024	BROWN, JOEL	2.50	\$350.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	10/14/2024	9/24/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	10/14/2024	9/25/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	10/14/2024	9/30/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	10/14/2024	10/1/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	10/14/2024	10/2/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
			BROWN, JOEL Total		\$1,894.86					
1208707	9/26/2024	9/9/2024	COOK, JENNIFER	1.00	\$124.74	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	9/26/2024	9/10/2024	COOK, JENNIFER	2.00	\$249.48	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	9/26/2024	9/11/2024	COOK, JENNIFER	1.00	\$124.74	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	9/26/2024	9/16/2024	COOK, JENNIFER	2.00	\$249.48	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	9/26/2024	9/17/2024	COOK, JENNIFER	1.00	\$124.74	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	9/26/2024	9/18/2024	COOK, JENNIFER	2.00	\$249.48	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	9/26/2024	9/19/2024	COOK, JENNIFER	3.00	\$374.22	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	9/26/2024	9/20/2024	COOK, JENNIFER	1.00	\$124.74	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	10/14/2024	9/23/2024	COOK, JENNIFER	2.00	\$249.48	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	10/14/2024	9/24/2024	COOK, JENNIFER	3.00	\$374.22	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	10/14/2024	9/25/2024	COOK, JENNIFER	1.00	\$124.74	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	10/14/2024	9/27/2024	COOK, JENNIFER	1.00	\$124.74	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	10/14/2024	9/30/2024	COOK, JENNIFER	2.00	\$249.48	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	10/14/2024	10/1/2024	COOK, JENNIFER	1.00	\$124.74	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	10/14/2024	10/2/2024	COOK, JENNIFER	2.00	\$249.48	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	10/14/2024	10/3/2024	COOK, JENNIFER	1.00	\$124.74	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	10/14/2024	10/4/2024	COOK, JENNIFER	1.00	\$124.74	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
			COOK, JENNIFER Total		\$3,367.98					
			Grand Total		\$5,262.84					

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								9/21/2024	- 10/18/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	9/26/2024	9/9/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/9/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/9/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/10/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/10/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/10/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/16/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/16/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/16/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/18/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/18/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/18/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/20/2024	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/20/2024	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	9/26/2024	9/20/2024	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	10/14/2024	9/24/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	10/14/2024	9/24/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	10/14/2024	9/24/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	10/14/2024	9/25/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	10/14/2024	9/25/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	10/14/2024	9/25/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	10/14/2024	9/30/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	10/14/2024	9/30/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	10/14/2024	9/30/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	10/14/2024	10/1/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	10/14/2024	10/1/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	10/14/2024	10/1/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	10/14/2024	10/2/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	10/14/2024	10/2/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	10/14/2024	10/2/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		\$40.38				
1208707	9/26/2024	9/9/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/9/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/10/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/10/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/11/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/11/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/16/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/16/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/17/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/17/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/18/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/18/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/19/2024	COOK, JENNIFER	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/19/2024	COOK, JENNIFER	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/20/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	9/26/2024	9/20/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	10/14/2024	9/23/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	10/14/2024	9/23/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	10/14/2024	9/24/2024	COOK, JENNIFER	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	10/14/2024	9/24/2024	COOK, JENNIFER	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	10/14/2024	9/25/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	10/14/2024	9/25/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	10/14/2024	9/27/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	10/14/2024	9/27/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	10/14/2024	9/30/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	10/14/2024	9/30/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	10/14/2024	10/1/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	10/14/2024	10/1/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	10/14/2024	10/2/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	10/14/2024	10/2/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	10/14/2024	10/3/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	10/14/2024	10/3/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	10/14/2024	10/4/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	10/14/2024	10/4/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING

			COOK, JENNIFER Total		\$73.98				
			Grand Total		\$114.36				



Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075
Phone: (313) 567-3990
www.asi-eng.com

11/7/2024

Project Invoice # 68 (ASI Inv. 8968)

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)

Invoice Period: 9/29/24-10/26/24

li#4133 v#352

Task No.	Task Description	Total This Invoice
1	Transition & Basis of Design	
	Total:	\$ -
	Subconsultants:	
	FK Engineering:	\$ -
	ASI Markup 5%:	\$ -
	Total:	<u>\$ -</u>

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

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

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 24,440.00
	Subconsultants:	
	NTH Consultants	\$ 30,914.06
	Metco Services	\$ 13,890.00
	FK Engineering:	\$ 4,876.75
	ASI Markup 5%:	\$ 2,484.04
	Total Due This Invoice:	<u>\$ 76,604.85</u>

84917-149015-730639-1-3309-engcon

Task No.	Task Description	Total This Invoice
6	Control Structure Rehab	
	Total:	\$ -
	Subconsultants:	
	NTH Consultants	\$ -
	ASI Markup 5%:	\$ -
	Direct Expenses:	\$ -
	Total Due This Invoice:	<u>\$ -</u>

11/14/2024

Summary

Total Due This Invoice Tasks #1-6:	\$ 76,604.85
Amount Invoiced to Date Tasks #1-6:	\$ 5,657,245.92
Total Due This Invoice MCC Incident (separate invoice):	\$ 904.64
Amount Invoiced to date for MCC Incident (separate invoice):	\$ 68,336.23
Total Due This Invoice Pump Issues (separate invoice):	\$ -
Amount Invoiced to date for Pump Issues (separate invoice):	\$ 25,680.00
Total Invoiced To-Date:	\$ 5,751,262.15
Original Contract Task Total:	\$ 4,198,380.00
Additional Budget-Task 5:	\$ 284,076.60
Additional Budget-Task 5a:	\$ 1,513,301.00
Additional Budget-Task 6:	\$ 220,326.00
Current Contract Task Total:	\$ 6,216,083.60
Amount Remaining:	<u>\$ 464,821.45</u>



Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075
Phone: (313) 567-3990 Fax: (313) 567-3750
www.asi-detroit.com

11/7/2024

Project Invoice #68A (ASI Inv. 8969)

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)

Task - MCC Incident

84917-149015-730520-1-3309- engcon-li 4133 v#4352

Invoice Period: 9/29/24-10/26/24

11/14/2024

<u>Employee</u>	<u>Job Classification</u>	<u>MCC Incident</u>	<u>Total Hours</u>	<u>Direct Labor Rate</u>	<u>Total</u>
Total Labor:		\$ -			\$ -
Subconsultant:NTH		\$ 861.56			\$ 861.56
Subconsultant:METCO		\$ -			\$ -
		\$ 861.56			\$ 861.56
ASI Markup 5%		\$ 43.08			\$ 43.08
Total This Invoice:		\$ 904.64			\$ 904.64
Previous Amount Invoiced:		\$ 67,431.59			\$ 67,431.59
Total Invoiced To Date:		\$ 68,336.23			\$ <u>68,336.23</u>

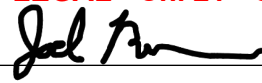


Oakland County Water Resources Commissioner, MI
One Public Works Drive
Waterford, MI 48328-1907
WRClegalinvoices@oakgov.com
lajdziaks@oakgov.com

Invoice: 1503478
Date: 11/08/2024
Client: 30164
Matter: 463149

Matter Name: Construction Dispute - Walsh Construction

84917-6010101-149015-731073-1-3309
-LEGAL - Ch. 21 - CON9318



11/14/2024

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH OCTOBER 31, 2024

Total Fees:	\$	385.00
Total Due This Invoice:	\$	385.00



INVOICE DATE: NOVEMBER 11, 2024
INVOICE NO.: 1978146

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
ATTORNEY & INSURANCE ADMINISTRATOR
ONE PUBLIC WORKS DRIVE, #95
WATERFORD, MI 48328

ATTN: MEGAN KOSS

CLIENT/MATTER NO.: 012840-00466

**82912-6010101-149030-731073-5089 - Ch. 21-
v#4978- li# 39111**



11/14/2024

RE: AGREEMENT BETWEEN OMIDDD AND MIDDRE CONSTRUCTION AND OPERATION OF ODOR CONTROL EQUIPMENT

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH OCTOBER 31, 2024

USD

TOTAL FEES CURRENT INVOICE	\$	<u>176.00</u>
TOTAL CURRENT INVOICE	\$	<u>176.00</u>

MK 11/14/24

Remittance Instructions			
Terms: Due and Payable Upon Receipt			
Mail To:	Pay Online:	Wire Instructions:	ACH Instructions:
Dickinson Wright PLLC 2600 W. Big Beaver Suite 300 Troy, MI 48084	Credit Card and ACH/eCheck Payments We accept Visa®, Mastercard®, American Express® and Discover® https://www.dickinson-wright.com/invoice-payment	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 021 000 021 Swift Code: CHASUS33 (International) Account# 38852	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 072 000 326 Account# 38852
(Please reference your client/invoice numbers when paying electronically)			

Arthur J. Gallagher Risk Management Services, LLC
 Bloomfield Hills, MI 48302
 Phone: (800)875-8395

ANDPH1

Invoice #	5242192	1 of 1
ACCOUNT NUMBER	DATE	
OAKLINT-01	11/8/2024	
BALANCE DUE ON	AMOUNT DUE	
12/1/2024	\$48,730.50	

Oakland-Macomb Interceptor Drain Drainage District
 One Public Works Drive, Bldg. 95 W
 Waterford, MI 48328



Insurance | Risk Management | Consulting

**84917-149015-730940-8196-1-3309-
 Ch. 21- v#683 Exp 6/1/26**

John A. ...
 Consultant Services

11/14/2024

OCIP Construction Safety Policy Number: [Signature] Company: Arthur J. Gallagher & Co. Effective: 9/20/2024 to 9/20/2025

Item #	Trans Eff Date	Due Date	Trans	Description	Amount
35295123	9/20/2024	12/1/2024	RENB	24-25 OMIDD Construction Safety Consultant Services Installment #1 of 4	\$48,730.50

Total Invoice Balance: **\$48,730.50**



Please return this portion with your payment. Include your invoice number on your remittance to expedite processing.

ANDPH1

Oakland-Macomb Interceptor Drain Drainage District
 One Public Works Drive, Bldg. 95 W
 Waterford, MI 48328

Invoice #	5242192
ACCOUNTNUMBER	DATE
OAKLINT-01	11/8/2024
BALANCE DUE ON	AMOUNT DUE
12/1/2024	\$48,730.50
AMOUNT PAID	

Please send your remittance to:

Arthur J. Gallagher Risk Management Services, LLC
 PO Box 39735
 Chicago, IL 60694-9700



Insurance | Risk Management | Consulting



Knowledgeable • Professional • Attentive • Likeable

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

Invoice No. 242596

Date: 11/07/2024

82912-149130-730660-8638-Ch. 21- v#3091- exp 6/30/25 - li#42703

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

11/14/2024

Client ID: 669
Contract ID: 5819
HESCO Project: 2019807S OMID Flow Control Structures

Contact: Terry Moore P.O.# WO# 1314. CS-7 Salesperson: John Sullens Due Date: 12/07/2024

Description	Unit	Quantity	Price	Amount
WO# 1314, CS-7 Nov 5, 2024				
Senior Tech	Hours	6.50	195.00	1,267.50
Tech I	Hours	6.75	185.00	1,248.75
Tech II	Hours	6.50	175.00	1,137.50
Ventilation Support Doetsch Crew	Day	1.00	2,887.50	2,887.50
Rando HD22 Hydraulic Oil	Gallon	20.00	25.52	510.40
Return and HP Filters Parker 921999 Parker 932612Q	Total	1.00	86.61	86.61

Notes:
Field Service Sheet Enclosed

TM-11-11-24

ACH PAYMENTS:
HESCO GROUP LLC

ACH/EFT Remittance:
AR@hesco-mi.com

Credit Card Payment:
Please call Receivables
1-586-978-7200 ext 101

Non-Taxable Amount:	7,138.26
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	7,138.26

Please note attachments
for change in bank details
and W-9.

Remittance Checks To:
HESCO Group LLC
29770 Hudson Drive
Novi, MI 48377

A Service Charge of 4%
will be applied to all credit
card purchases.

Retention:	0.00
Payments/Credits:	0.00

Amount Due 7,138.26

INVOICE



Jacobs Consultants, Inc.

Invoice No.: C6A19900-18
 Invoice Date: 10/22/2024
 Jacobs Project No.: C6A19900
 Services From: 9/21/2024
 Services Through: 10/25/2024

Oakland-Macomb Interceptor Drain Drainage District
 c/o Oakland County Water Resources Commissioner's Office
 One Public Works Drive
 Building 95 West
 Waterford, Michigan 48328

82912-149667-730639-1-17059-ENGCONSULT

11/14/2024

Attn.: Ms. Jen Cook, P.E.

Project Description: Odor and Corrosion Control Systems within the OMID

Task Number	Task Description	Task Budget	Previously Invoiced	Current Invoice	Project to Date	Remaining Budget
1	Additional Investigation/Modeling	\$226,151.90	\$226,489.81	\$0.00	\$226,489.81	(\$337.91)
2	Basis of Design	\$122,605.02	\$122,303.64	\$0.00	\$122,303.64	\$301.38
3	ST-S-3 Vapor-Phase Treatment System - Subtask 3.1 - Design	\$276,371.00	\$276,367.83	\$0.00	\$276,367.83	\$3.17
	ST-S-3 Vapor-Phase Treatment System - Subtask 3.2 - Bidding	\$17,154.74	\$17,150.52	\$0.00	\$17,150.52	\$4.22
4	CS-6 Pump Station Vapor-Phase System - Subtask 4.1 - Design	\$191,218.29	\$96,755.18	\$0.00	\$96,755.18	\$94,463.11
	CS-6 Pump Station - Vapor-Phase System Subtask 4.2 - Bidding	\$15,612.91	\$15,604.83	\$0.00	\$15,604.83	\$8.08
5	CS-8 and ST-S-1 Local Odor Control - Subtask 5.1 - Design	\$80,199.91	\$80,194.04	\$0.00	\$80,194.04	\$5.87
	CS-8 and ST-S-1 Local Odor Control - Subtask 5.2 - Bidding	\$12,829.09	\$12,784.70	\$0.00	\$12,784.70	\$44.38
6	Design Emergency Relief Valves for CS-9 High Pressures	\$21,081.00	\$21,071.61	\$0.00	\$21,071.61	\$9.39
7	Construction Ventilation Coordination	\$11,194.00	\$11,117.15	\$0.00	\$11,117.15	\$76.85
8	OMIDDD Progress Meeting Correction	\$32,868.00	\$32,865.66	\$0.00	\$32,865.66	\$2.34
9	Monthly Design Coordination Meetings Correction	\$46,767.00	\$46,735.41	\$0.00	\$46,735.41	\$31.59
10	Construction Administration	\$850,922.00	\$24,039.76	\$11,236.53	\$35,276.29	\$815,645.71
11	Resident Project Engineer	\$180,398.00	\$0.00	\$0.00	\$0.00	\$180,398.00
12	Post-Construction Services	\$144,988.00	\$0.00	\$0.00	\$0.00	\$144,988.00
13	Reimbursement of Permitting Fees	\$11,943.00	\$11,673.12	\$0.00	\$11,673.12	\$269.88
14	Review Existing Available Information	\$4,425.00	\$4,064.24	\$0.00	\$4,064.24	\$360.76
15	Conduct Site Investigation at CS-9 and Adjacent Neighborhood	\$13,450.00	\$8,835.58	\$2,591.28	\$11,426.86	\$2,023.14
16	Collect Additional OMID H2S and Air Pressure Data	\$17,994.00	\$0.00	\$0.00	\$0.00	\$17,994.00
17	Determine Approximate Sizing and Prepare Conceptual Layout at CS-9	\$13,581.00	\$0.00	\$0.00	\$0.00	\$13,581.00
Total		\$2,291,753.86	\$1,008,053.08	\$13,827.81	\$1,021,880.89	\$1,269,872.97

Previously Invoiced: **\$1,008,053.08**
 Total Due This Invoice: **\$13,827.81**
 Total Invoiced To Date: **\$1,021,880.89**
 Total Budget: **\$2,291,753.86**
 Remaining Budget: **\$1,269,872.97**

Outstanding Invoices					
Date	Invoice No.	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding
10/4/2024	C6A19900-17	\$27,778.33		\$0.00	\$27,778.33

Signed:
 Jason A. Matteo, P.E.
 Senior Project Manager

Please remit payment electronically to:
 Beneficiary Bank: Bank of America
 Account Name: Jacobs Consultants, Inc.
 Transit for ACH: 111000012
 Transit for Wires: 026009593
 Account No.: 4451457732



729 Meldrum, Detroit, MI 48207
Phone: (313) 568-1600 Fax: (313) 568-0488

Pay invoices online at www.lardnerelevator.com

INVOICE

202724

Bill To:
Oakland Macomb Interceptor Drain Drainage District
1 Public Works Drive
dbgreen@metcoservices.com
tmoore@metcoservices.com
Waterford, MI 48328

Account: Northeast Pump Station
11001 E. State Fair
Detroit, MI 48234

Account #: 00-6642-2

82912-6010101-149090-730660-Ch. 21
John R... 11/14/2024

Sep 01,2024	Upon Receipt	Detroit Route	4746
202724		LECO	Maintenance

QUANTITY	DESCRIPTION	UNIT	PRICE	TOTAL	
1.00	Elevator Maintenance Service for September, 2024	No	Each	204.00	\$204.00
Elevator Maintenance Service for September, 2024					
					\$0.00
					\$204.00
					\$204.00
					\$0.00
					\$204.00

TM-11-3-24

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



Account # 00-6642-2
Northeast Pump Station

Invoice # 202724

Amount \$ 204.00

Paid \$

Lardner Elevator Company
729 Meldrum
Detroit, MI 48207



729 Meldrum, Detroit, MI 48207
Phone: (313) 568-1600 Fax: (313) 568-0488

Pay invoices online at www.lardnerelevator.com

INVOICE

202926

Bill To:
Oakland Macomb Interceptor Drain Drainage District
1 Public Works Drive
dbgreen@metcoservices.com
tmoore@metcoservices.com
Waterford, MI 48328

Account: Northeast Pump Station
11001 E. State Fair
Detroit, MI 48234

Account #: 00-6642-2
82912-6010101-149090-730660-Ch. 21

John T...

11/14/2024

Oct 02, 2024	Net 30 Days	Detroit Route	4825
202926		LECO	Repair

1.00	Additional Insurance Coverage - Yearly Fee	No	Each	10,964.00	\$10,964.00
Job # 4825 - Customer Request for Additional Insurance Coverage					
				\$0.00	
				\$10,964.00	
				\$10,964.00	
				\$0.00	
				\$10,964.00	

TM-10-28-24

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



Lardner Elevator Company
729 Meldrum
Detroit, MI 48207

Account # 00-6642-2
Northeast Pump Station

Invoice # 202926

Amount \$ 10,964.00

Paid \$



INVOICE NO. 1811-70 DATE: November 4, 2024

METCO PROJECT NO. 1811 INVOICE PERIOD: 09/29 through 11/3/24

Contract ID 000000000000000000000005517

Vendor ID 0000020486

TO: OMIDD
Water Resources Commissioner
One Public Works Drive
Waterford, MI 48328
Attn: Joel Brown, P.E.
Chief Engineer-Construction Projects Unit

TITLE: OMID & NESPS Operation and Maintenance

Operational Plan

OMID Operations - Fund 82912, Program 149130, Account 730373 (3.1-3.4A & 3.4B)

Handwritten signature and date 11/14/2024

Table with 5 columns: Name, Title, Hrs., Rate/Hr., Amount. Lists staff for OMID Operations including Raj Vijayendran, Terry Moore, Darrin Green, Anthony Vozza, and Rosana Santos.

Subtotal OMID Operatons: \$ 20,610.00

NEPS Operations - Fund 82912, Program 149090, Account 730373 (3.1-3.4A & 3.4B)

Handwritten signature and date 11/14/2024

Table with 5 columns: Name, Title, Hrs., Rate/Hr., Amount. Lists staff for NEPS Operations including Raj Vijayendran, Terry Moore, Darrin Green, Anthony Vozza, and Rosana Santos.

Subtotal NEPS Operations \$ 19,985.42

Subtotal Operations \$ 40,595.42

Maintenance & Asset Management

OMID Maintenance - Fund 82912, Program 149130, Account 730646 (3.2-3.3-3.4C & ALLOWANCE)

Handwritten signature and date 11/14/2024

Table with 5 columns: Name, Title, Hrs., Rate/Hr., Amount. Lists staff for OMID Maintenance including Terry Moore, Daniel Martel, Shailesh Patel, Anthony Vozza, Darrin Green, Sweta Soni, and Youstina Gaid.

Subtotal OMID Maintenance: \$ 8,217.00

NEPS Maintenance – Fund 82912, Program 149090, Account 730646 (3.2-3.3-3.4C & ALLOWANCE)

Joel An

11/14/2024

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 225.75	\$ 1,806.00
Terry Moore	Operations Manager	46.0	\$ 162.00	\$ 7,452.00
Terry Moore	Operations Manager (Overti	4.0	\$ 204.75	\$ 819.00
Daniel Martel	Sr. Project Coordinator	3.0	\$ 152.25	\$ 456.75
Sean Grant	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Travis Ford	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Shailesh Patel	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Darrin Green	Staff Engineer	100.0	\$ 102.00	\$ 10,200.00
Darrin Green	Staff Engineer-(Overtime)	7.0	\$ 153.00	\$ 1,071.00
Anthony Vozza	Staff Engineer	92.0	\$ 102.00	\$ 9,384.00
Anthony Vozza	Staff Engineer-(Overtime)	13.0	\$ 153.00	\$ 1,989.00
Abhishek Shah	Staff Engineer	0.0	\$ 102.00	\$ -
Sweta Soni	Designer/Drafter	0.0	\$ 105.50	\$ -
Keli Mills	Administrative Assoc.	0.0	\$ 77.48	\$ -
Subtotal:				\$ 33,177.75
Maintenance Services (see attached invoices):				\$ 3,316.45
Subtotal NEPS Maintenance:				\$ 36,494.20

Subtotal Maintenance: \$ 44,711.20

NEXGEN Asset Management Implementation Services – Fund 82912, Program 149090, Account 730646

Joel An

11/14/2024

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 225.75	\$ -
Terry Moore	Operations Manager	0.0	\$ 162.00	\$ -
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Sean Grant	Sr. Project Engineer	22.0	\$ 152.25	\$ 3,349.50
Darrin Green	Staff Engineer	0.0	\$ 102.00	\$ -
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 102.00	\$ -
Abhishek Shah	Staff Engineer	144.0	\$ 102.00	\$ 14,688.00
Brandon Brochue	Designer/Drafter	0.0	\$ 101.00	\$ -
Subtotal Maintenance:				\$ 18,037.50

Task 12.0 - As-Needed Services - VFD Pump 4

Raj Vijayendran, PE	Principal Engineer	0.0	\$ 225.75	\$ -
Daniel Martel	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Travis Ford	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Shailesh Patel, PE	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Sweta Soni	Designer/Drafter	0.0	\$ 101.00	\$ -
Subtotal 12.0:				\$ -

TOTAL AMOUNT DUE THIS INVOICE: \$ 103,344.12



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"

WO 1290

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
924567	0	001	9/5/2024	10/11/2024	96013

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	T&M SERVICES SCADA	\$585.00	-	\$585.00	\$585.00	-	-
Totals:		\$585.00		\$585.00	\$585.00		
Less Retained:				-			
Invoice Total:				\$585.00			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

82912-6010101-149090-730660-8419- CH. 21- v#7755-li#41132

TM-10-14-24

11/14/2024

Joel Brown

WORK PERFORMED 9/4/24 & 9/5/24

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 CONTROL SOLUTIONS

9440 GRINNELL

DETROIT MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

WO 1309

INVOICE

01/10
ONE PUBLIC WORKS DRIVE, BUILDING 95
WATERFORD, MI 48328-

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
924567	0	001	9/26/2024	10/11/2024	96014

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	T&M SERVICES SCADA	\$1,035.62		\$1,035.62	\$1,035.62		
Totals:		\$1,035.62		\$1,035.62	\$1,035.62		
Less Retained:							
Invoice Total:				\$1,035.62			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

82912-6010101-149090-730660-8419- CH. 21- v#7755-li#41132

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

T&M - 10-14-24

WORK PERFORMED 9/26/24

complete electrical construction

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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"

WO 1266

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
924567	0	001	9/26/2024	10/11/2024	96015

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	T&M SERVICES SCADA	\$67.68		\$67.68	\$67.68		
Totals:		\$67.68		\$67.68	\$67.68		
Less Retained:							
Invoice Total:				\$67.68			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

82912-6010101-149090-730660-8419- CH. 21- v#7755-li#41132

WORK PERFORMED 9/26/24

TM-10-21-24

complete electrical construction

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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"

WO 1344

INVOICE

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

Customer
PO Number

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Row 1: 925567, 0, 001, 10/24/2024, 10/29/2024, 96048

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 MISC T&M SCADA and a Totals row.

82912-6010101-149090-730660-8419- CH. 21- v#7755-ii#41132

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT
SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

Handwritten note: TN-11-4-24

WORK PERFORMED 10/24/2024

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"

WO #1342

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
925567	0	001	10/22/2024	10/29/2024	96050

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MISC. T&M SCADA	\$176.00	-	\$176.00	\$176.00	-	-
Totals:		\$176.00		\$176.00	\$176.00		
Less Retained:				-			
Invoice Total:				\$176.00			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

82912-6010101-149090-730660-8419- CH. 21- v#7755-li#41132

WORK PERFORMED 10/22/2024

TM-11-4-24

complete electrical construction

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NTH Consultants, Ltd.
 Infrastructure Engineering
 and Environmental Services

**84918-149015-730639-PRJ17408-1-ENG_CONSULT-
 WDCCON8173**

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

Invoice # : 637516
Project : 23001693
Invoice Group : **
Invoice Date : 11/4/2024

Attention: Jen Cook, P.E.

For Professional Services Rendered from 9/21/2024 - 10/25/2024

Provide Engineering and Consulting Services regarding OMID PCI-18 and PCI-19 Rehabilitation Project CCA; D-458 & D-463

Task 01	Contract 2 CCA Services	\$1,907,063.00
	Preliminary Budget Amount	\$1,907,063.00
	Percent Complete:	63.91%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	16,961.01	\$ 239,039.89
Overhead %	188.00 31,886.70	449,394.98
Total Regular Labor Expense	48,847.71	688,434.87
Total Direct Labor	48,847.71	688,434.87
Profit / Fixed Fee %	12.00 5,861.73	82,612.19
Direct Expenses Charge	1,180.48	40,877.84
Expense Multiplier %	5.00 59.02	2,043.85
Direct Subcontractor Charge	25,232.97	381,951.48
Subcontractor/Subconsultant Multiplier %	6.00 1,513.98	22,917.12
Total Other Direct Charges Reimbursables	27,986.45	447,790.29
Total Costs:	82,695.88	1,218,837.34
Total Due This Invoice	\$ 82,695.89	\$ 1,218,837.35



WO 1296

PM Technologies
28294 Beck Road Wixom
Michigan 48393 United States
800-419-5199
pmttech.org

BILL TO

County Of Oakland
A Michigan Constitutional Corp
Detroit, MI 48234 USA

82912-6010101-149090-730660-8640- Ch. 21

INVOICE 95025246	INVOICE DATE 10/15/2024
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JOB ADDRESS

Northeast Sewage Pumping Station - Fuel Tanks 1 & 2
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date 10/15/2024
Customer PO #
Payment Term NET 30
Due Date 11/14/2024

DESCRIPTION OF WORK

WO #01296

MATERIAL	DESCRIPTION	QUANTITY	PRICE	TOTAL
Contracted services (1)	Matzak to replace Solenoid Valves at each of the 3 Daytanks and 2 on top of the AST's that are intended for the fuel industry.	1.00	\$5,355.00	\$5,355.00
			SUB-TOTAL	\$5,355.00
			TOTAL DUE	\$5,355.00
			PAYMENT	\$0.00
			BALANCE DUE	\$5,355.00

Thank you for choosing PM Technologies

CUSTOMER AUTHORIZATION

This invoice is agreed and acknowledged. Payment is due upon receipt. A service fee will be charged for any returned checks, and a financing charge of 1% per month shall be applied for overdue amounts.

10-21-24

Sign here

Date

CUSTOMER ACKNOWLEDGEMENT

I find and agree that all work performed by PM Technologies has been completed in a satisfactory and workmanlike manner. I have been given the opportunity to address concerns and/or discrepancies in the work provided, and I either have no such concerns or have found no discrepancies or they have been addressed to my satisfaction. My signature here signifies my full and final acceptance of all work performed by the contractor.



Oakland County Water Resources Commissioner
Attn: Joel Brown
One Public Works Drive
Building 95-West
Waterford 48328

November 13, 2024
Invoice No: 03559.01 - 53

**84917-6010101-149015-731458-8858-1-3309- Ch.
21- engcon- v#16918**

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

Professional Services from October 1, 2024 to October 31, 2024

Task	1.0	Oakland-Macomb Interceptor Drainage 2020
Sub Task	1.1	NESPS

Professional Personnel

	Hours	Rate	Amount
Zann, John	71.00	113.85	8,083.35
Totals	71.00		8,083.35
Total Labor			8,083.35

Additional Fees

Overhead	149.10 % of 8,083.35	12,052.27
Profit	10.00 % of 20,135.62	2,013.56
Total Additional Fees		14,065.83

Total this Sub Task \$22,149.18

Sub Task	1.3	NI-EA Contract No. 2
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Professional Personnel

	Hours	Rate	Amount
Zann, John	6.00	113.85	683.10
Totals	6.00		683.10
Total Labor			683.10

Additional Fees

Overhead	149.10 % of 683.10	1,018.50
Profit	10.00 % of 1,701.60	170.16
Total Additional Fees		1,188.66

Total this Sub Task \$1,871.76

Total this Task \$24,020.94

Billing Limits

	Current	Prior	To-Date
Total Billings	24,020.94	751,385.53	775,406.47
Limit			880,000.00
Remaining			104,593.53

Total this Invoice \$24,020.94

Please remit payment to PMA CONSULTANTS LLC, PO BOX 675234, DETROIT, MI 48267-5234. Please direct any questions regarding this invoice to Samantha Zeisler, Project Administrator, at 734-418-7897 or szeisler@pmaconsultants.com

Agenda Item No. 12

Other Business

Agenda Item No. 13

Adjourn