

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

September 18, 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 September 18, 2024
3. Motion to approve the Drainage District Board Meeting Minutes from August 14, 2024
4. Public Comment
5. Motion to approve the following Engineering Work Order:
 - a) Engineering Work Order No. 4 for Jacobs Consultants Inc. for the Construction Administration and Construction Engineering Services to increase Contract No. 9788 by a not to exceed amount of \$49,450
6. Motion to approve the following Change Orders:
 - a) Change Order No. 45 for Walsh Construction for NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$81,152.56
7. Motion to approve the following Construction Estimates:
 - a) Construction Estimate No. 47 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$1,024,506.37
 - b) Construction Estimate No. 41 for Marra Services for NI-EA OMID Contract One PCI-4 Rehabilitation with a reduction in reserve payment to the contractor in the amount of \$200,000
 - c) Construction Estimate No. 13 for Z Contractors for NI-EA Contracts 2A and 2B – PCI 18 and 19 Rehabilitation in the amount of \$311,731.05
8. Status of OMID Repairs Project
9. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing
10. Motion to approve the following invoices:
 - 1) Labor/Fringes/Non-Direct Labor Factor
 - Segment 5 NI-EA Construction \$ 5,697.10

	• Segment 5 NESPS Mech./Elect. Construction		\$	9,385.97
2)	Equipment Charges			
	• Segment 5 NI-EA Construction		\$	131.81
	• Segment 5 NESPS Mech./Elect. Construction		\$	308.60
3)	Reimbursement			
	• Macomb County AR24001029	O&M	\$	93,984.66
a)	ASI			
	1) Invoice No. 65-8854	NESPS	\$	58,438.72
	2) Invoice No. 66-8871	NESPS	\$	77,159.33
b)	Clark Hill			
	1) Invoice No. 1467406	NESPS	\$	2,205.00
	2) Invoice No. 1467408	NI-EA	\$	3,465.00
c)	Hesco			
	1) Invoice No. 242112	O&M	\$	927.99
	2) Invoice No. 242418	O&M	\$	585.00
	3) Invoice No. 242474	O&M	\$	5,940.00
d)	Inland Lakes Landscaping Invoice No. 24755	O&M	\$	1,825.00
e)	Jacobs Invoice No. C6A19900-16	O&M	\$	20,819.78
f)	Kennedy			
	1) Invoice No. 642563	O&M	\$	1,243.04
	2) Invoice No. 642819	O&M	\$	6,423.10
g)	Lardner Elevator Invoice No. 202055	O&M	\$	204.00
h)	Metco Invoice No. 1811-68	O&M	\$	84,206.54
i)	Motor City			
	1) Invoice No. 95917	O&M	\$	270.00
	2) Invoice No. 95918	O&M	\$	405.00
	3) Invoice No. 91919	O&M	\$	701.17
j)	NTH Consultants, Ltd			
	1) Additional OMID NESPS Maintenance Engineering Services Invoice No. 636937	O&M	\$	458.13
	2) Engineering/Consulting Services NESPS Pumping and Electrical Systems Upgrade Invoice No. 636938	NESPS	\$	1,808.83
	3) OMID NI-EA Contract No. 1 PCI-4 Rehabilitation Invoice No. 636942	NI-EA	\$	4,272.72
	4) Consulting Services PCI-18 and PCI-19 Rehabilitation Invoice No. 636944	NI-EA	\$	125,171.57
k)	PMA Consultants Invoice No. 3559.01-50	NESPS	\$	18,405.66

11. Other Business

12. Adjourn

Next Regular Meeting: October 16, 2024, at 11:30 a.m., Eastern Standard Time.

Agenda Item No. 3

Board Meeting Minutes from August 14, 2024

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

August 14, 2024

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held at the office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township Michigan on the 14th day of August 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; 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: Brian Baker and Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Steve Korth, Jen Cook, Joel Brown, Trisha Bruzek, Kelsey Cooke, Meg Koss, and Stephanie Lajdziak. Others in attendance: Shawn Phelps and Heidi Grunwald, OC Fiscal Services, Larry Gilbert and Michelle Kitzinger, NTH Consultants; Dave Pauline, Walsh; Steve Burke, MFCI; Terry Moore, Metco; Fritz Klingler, FK Engineering; Kevin Johnson, Kone; Brady Harrington, MDARD.

1. Call meeting to order.
Chairperson Gregg called the meeting to order at 11:33 a.m.
2. Agenda.
Motion by Miller, supported by Vaara, to approve the August 14, 2024, agenda as presented.

ADOPTED: Yeas - 3
 Nays - 0

3. Minutes.
Motion by Vaara, supported by Miller, to approve the minutes of the July 17, 2024, meeting.

ADOPTED: Yeas - 3
 Nays - 0

4. Public Comment.
None.

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

- a) Change Order No. 44 for Walsh Construction for NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$67,453.70. Motion by Miller, supported by Vaara, to approve Change Order No. 44 as presented.

ADOPTED: Yeas - 3

Nays - 0

- b) Change Order No. 7 for Marra Services for Construction of the NI-EA Contract One PCI-4 Rehabilitation for a time extension of 723 days for final completion. Motion by Vaara, supported by Miller, to approve Change Order No. 7 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. 46 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$832,320.83 with a transfer to the Oakland County Treasurer in the amount of \$1,108.77. Motion by Vaara, supported by Miller, to approve Construction Estimate No. 46 as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) Construction Estimate No. 39 for Marra Services for NI-EA OMID Contract One PCI-4 Rehabilitation in the amount of \$202,893.63 with a reserve payment to the contractor in the amount of \$3,420.42. Motion by Miller, supported by Vaara, to approve Construction Estimate No. 39 as presented.

ADOPTED: Yeas - 3
Nays - 0

- c) Construction Estimate No. 40 for Marra Services for NI-EA OMID Contract One PCI-4 Rehabilitation with a reduction in reserve payment to the contractor in the amount of \$400,000. Motion by Varra, supported by Miller, to approve Construction Estimate No. 40 as presented.

ADOPTED: Yeas - 3
Nays - 0

- d) Construction Estimate No. 12 for Z Contractors for NI-EA Contracts 2A and 2B – PCI 18 and 19 Rehabilitation in the amount of \$823,656.59. Motion by Vaara, supported by Miller, to approve Construction Estimate No. 12 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.

Steve Burke with MFCI provided a brief update on the financing of the Odor and Corrosion Control Systems project. He noted that the communities have prepaid \$7.9 million of the assessment, which leaves about \$3.5 million to be financed. Due to auditing issues with Macomb County, financing has been delayed. Mr. Burke advised that although financing is delayed, the

project is still expected to move forward as previously planned.

Motion by Vaara, supported by Miller, to authorize the Board to issue the contract and notice to proceed with Commercial Contracting Corporation (CCC) for the Odor and Corrosion Control Systems project.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

8. Financial Reports.

Shawn Phelps presented the financial reports for Segments 1 through 5 and the NESPS.

Motion by Vaara, supported by Miller, 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		\$	2,146.80
• Segment 5 NESPS Mech./Elect. Construction		\$	5,309.40
2) Equipment Charges			
• Segment 5 NI-EA Construction		\$	54.80
• Segment 5 NESPS Mech./Elect. Construction		\$	238.38
a) Clark Hill			
1) Invoice No. 1456877	NESPS	\$	510.00
2) Invoice No. 1456893	NI-EA	\$	5,559.00
b) CSM			
1) Invoice No. 3610	O&M	\$	1,338.17
2) Invoice No. 3696	O&M	\$	2,666.50
c) D'Angelo Brothers			
Invoice No. 111824-01	O&M	\$	25,352.29
d) Kennedy Industries			
1) Invoice No. 642228	O&M	\$	65,416.65
2) Invoice No. 642520	O&M	\$	1,607.70
e) Meadowbrook Insurance			
Invoice No. 14646	NESPS	\$	125,000.00
f) Metco			
Invoice No. 1811-67	O&M	\$	97,469.14
g) Motor City			
1) Invoice No. 95825	O&M	\$	135.00
2) Invoice No. 95826	O&M	\$	495.00
3) Invoice No. 95827	O&M	\$	270.00
4) Invoice No. 95649	O&M	\$	135.00
h) NTH Consultants, Ltd			
1) Engineering/Consulting Services NESPS Pumping and Electrical			
Invoice No. 636549	NESPS	\$	2,731.53
2) OMID NI-EA Contract No. 1 PCI-4 Rehab			

	Invoice No. 636550	NI-EA	\$	2,481.58
3)	Consulting Services PCI-18 and PCI-19 Rehabilitation			
	Invoice No. 636551	NI-EA	\$	55,479.19
i)	PM Technologies			
	1) Invoice No. 92529020	O&M	\$	169,804.00
	2) Invoice No. 86174785	O&M	\$	14,811.60
j)	PMA Consultants			
	Invoice No. 3559.01-49	NESPS	\$	19,653.50
k)	Rotor Electric			
	Invoice No. 12770	O&M	\$	112,077.69

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

ADOPTED: Yeas - 3
 Nays - 0

10. Other Business.

Joel Brown discussed possible dates for the next OMID site visit. It was decided that October 16th would be the best tentative date for the visit.

11. Adjourn.

Motion by Vaara, supported by Miller, to adjourn the August 14, 2024, meeting at 12:32 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 11:30 a.m., Eastern Standard Time on September 18, 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 August 14, 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 14th day of August 2024.

A handwritten signature in blue ink, appearing to read 'AV', is written above a horizontal line.

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

Agenda Item No. 4

Public Comment

Agenda Item No. 5

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 #4 and Project Budget Increase for Jacobs Additional Design Services on the OMID Odor and Corrosion Control System Design Project

DATE: September 18, 2024

On August 21, 2024, the City of Warren delivered a petition via email to the Macomb County Public Works Office. The petition asserts that residents along Palomino Avenue just north of 10 Mile in Warren have been dealing with odor emanating from the Oakland-Macomb Interceptor Drain (OMID) for more than 10 years. The residents' have property that abut Control Structure 9 (CS-9). The Drainage District has received many complaints from residents regarding sewer odors throughout the past decade. Complaints during periods of active construction were expected, and when warranted, were appropriately addressed. However, investigations of odor complaints lodged during periods of inactivity at this site have found to have no link to the OMID system. Often there was no distinct sewer-related odors at all.

Most days, the CS-9 structure is utilized to store flow to support work within the system. The utilization of this structure requires Metco to be on-site twice daily to facilitate lockout tagout procedures which provide personnel with a daily check of potential odors. Metco staff have reported that no adverse odors are encountered during regular operation. In addition, the Bio-Filter at the Northeast Sewage Pump Station provides odor mitigation to the OMID up to and including at CS-9.

In consideration of the resident petition recently provided and duration over which the complaints were claimed, it was determined that a more formal approach be developed. Because Jacobs is the lead design consultant for the Odor & Corrosion program an Engineering Work Order (EWO) was developed, which includes the following:

1. Review available information.
2. Conduct a site investigation at CS-9 and the adjacent neighborhood.
3. Collect additional H₂S and air pressure data (if needed).
4. Evaluate the addition of a passive carbon system at CS-9 (if-needed).

Upon the implementation of this plan, it is recommended that a formal report be developed and saved to file for future reference. The EWO No. 4 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 13: Review available information	\$ 4,425
Task 14: Conduct site investigation at CS-9 & adjacent area	\$ 13,450
Task 15: Conduct additional H2S & air pressure data	\$ 17,994
Task 16: Evaluate the addition of a passive carbon system	\$ 13,581
Total	\$49,450

The attached EWO No. 4 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 \$2,291,753.86.

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. 4

Date: 9/18/2024

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 August 29, 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). Jacobs has laid out a comprehensive phased approach to investigating the complaints and, if necessary, determining a solution. Upon approval of this EWO it is the intention of OMIDDD staff to provide Jacobs with the notice to proceed with Tasks 13 and 14. Approval to proceed with the remaining tasks will be provided if deemed necessary by the results of the initial tasks.

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

Task 13: Review available information	\$ 4,425
Task 14: Conduct site investigation at CS-9 and adjacent neighborhood	\$ 13,250
Task 15: Collect additional OMID H ₂ S and air pressure data	\$ 17,994
Task 16: Determine approximate sizing and prepare conceptual plan sketch at CS-9	\$ 13,581
Total	\$ 49,250

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 \$49,450. This increases the total allowed project amount under this contract to \$2,291,753.86. This amount is not to be exceeded without written authorization from this office.

**JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

RECOMMENDED	DATE: 9/18/2024	ACCEPTED	DATE:
By: 		By: 	
Jen Cook, P.E. Civil Engineer III OCWRC		Shawn Thompson Vice President Jacobs Consultants, Inc.	
APPROVED	DATE: 9/17/2024	APPROVED	DATE: 9/18/2024
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. 6

Change Order

CHANGE ORDER NO. FORTY-FIVE

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.) Install Weather Seal Threshold on Electrical Building Overhead Doors; 2.) Provide additional effort to modify and manually close Knife Gate Valve # 6 for pump # 6 demolition.

Address:

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

Change Order No. 45 Date: September 02, 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>					
45-1	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Install "Storm Shield" weather-seal thresholds at the east and west overhead door entrances (Doors # 32 and 35) to the new Electrical Building.</p> <p><u>REASON:</u></p> <p>Experience has indicated that inclement weather has consistently allowed rain water to enter the Electrical Building under the existing overhead door thresholds. Despite the presence of an exterior trench drain and a closure-sensor seal on the bottom of the lower door panel, water intrusion has occurred on frequent occasions.</p>	LS	1 ea.	\$3,415.73	\$3,415.73	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
45-1	<p>An additional sealing threshold at both exterior overhead doors is required to resist the unique weather conditions at these locations and maintain a dry condition in the Electrical Room.</p> <p>Attachment: Walsh Construction Co. PCI 970240</p>					
45-2	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Provide specialized effort to modify and close the existing Knife Gate Valve (KGV) # 6 to allow commencement of the demolition task for existing Sanitary Pump # 6.</p> <p><u>REASON:</u></p> <p>The original KGV # 6 was determined to be functionally inoperable due to a failed actuator (opener) mechanism. As a result, the gate remained positioned in a static open condition to allow Pump # 6 to remain in service. However, KGV #6 could not be closed to isolate Pump # 6 from the wet well and allow for pump removal.</p> <p>With the decision finalized to proceed with the removal and replacement of Pump # 6, other means were required to raise the valve operating knife to a "closed position" and secure it during the subsequent Pump #6 removal and replacement work.</p> <p>This additional effort required modifications to the KGV bonnet section, installation of vertical threaded supporting rods to secure the knife, and furnishing the specialized rigging supplies necessary to accomplish these tasks. Included also is the rigging necessary to re-close the gate knife when final removal of the valve is eventually required.</p> <p>Attachment: Walsh Construction Co. PCI 970198</p> <p>*****</p> <p>END OF LINE ITEMS FOR CHANGE ORDER NO. 45</p>	LS	1 ea.	\$ 77,736.83	\$ 77,736.83	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	NIEA OMID Contract 2-A Change Order #45					
					Amount Increase	Amount Decrease
				Change Order # 45 Totals	\$ 81,152.56	-0-
				Net Changes (Increase)	\$81,152.56	-----

--

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

Date: 09-11-2024

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

Date: 9/11/2024

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

Date: 9/16/2024

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

Date: 9/16/2024

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: _____

DocuSigned by:
Cyril Pokorny
CC0158B1FDC4B5

Program Manager, Date

Sep-12-2024 | 3:25 PM CDT

Title

of: Walsh Construction Co. II, Inc.

This Change Order No. 45 was approved by the Drainage Board on: _____ Date: _____

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

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-Five (Sept. 02, 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 # 44, and including CS-9 C.O. # 1,2,3,4 (Corrected Value from C.O. # 42)	\$ 7,716,349.52
This Change Order # 45	\$ 81,152.56
Adjusted GMP Contract Value, Pump & Electrical Upgrades and CS-9 Projects (Including this C.O. # 45)	\$ 50,730,883.96

Agenda Item No. 7

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- Seven
Page One of Two

Period : August 01 through August 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. # 44	\$67,453.70
Previous C.O.s: (Numbers 7 through No. 43 and CS-9 # 1 through # 4)	\$7,648,895.82
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. # 44)	\$50,649,731.41
Sub-Total To Date	\$ 44,336,643.34
Less Deductions: None	\$ -
Less Amount Reserved (max. 10% of 50% of total CV, including CS-9 value)	\$ 2,532,486.57
Total Amount Allowed To Date: Work in Place = 87 % complete	\$41,804,156.77
Less Previous Estimates: Balance to Finish: \$ 6,313,088.07	\$40,779,650.40
Payment Due	\$1,024,506.37
Reserve Pay to Contractor:	\$0.00

Accounting Auditor:

Amount to be Reserved	2,532,486.57
Less Previous Transfer to Reserve	2,532,486.57
Amount of Current Transfer	\$0.00

Regular Construction Estimate No. 47; August 01 through August 31, 2024 - NESPS Pump & Electrical Upgrades

Page Two of Two

Prepared by: *Lawrence T. Gilbert*

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

Date: 09-11-2024

Recommended by: *John Michalski*

John Michalski, P.E., ASI

Date: 9/11/2024

Recommended by: *Joel Brown*

Joel Brown, P.E. Oakland County WRC

Date: 9/16/2024

Recommended by: *Stephen Downing*

Stephen Downing; Macomb County OPWC

Date: 9/16/2024

**Regular Construction Estimate No. 47; August 01 through August 31, 2024
NESPS Pump & Electrical Upgrades Project**

Approved By Board On: _____



Oakland-Macomb Interceptor Drain Drainage District

Mr. David Pauline, Project Manager
Walsh Construction Company, II, LLC
3031 West Grand Boulevard, Suite 640
Detroit, MI 48202

September 13, 2024

**Reference: Northeast Sewage Pumping Station (NESPS)
Pumping and Electrical Upgrades Project**

**Subject: Temporary Use of Contingency Funds for Walsh Arc Flash Claim
General Conditions**

Dear Mr. Pauline,

We received Walsh Construction's letter dated September 3, 2024 requesting the usage of contingency to fund the first quarter of 2024 general conditions in the total amount of \$489,545.84, and offer to credit these contingency funds back to OMIDDD upon receipt of the insurance payment for the Arc Flash claim ("Arc Flash Claim GC's").

OMIDDD will agree to temporarily release the contingency funds for Arc Flash Claim GC's in an amount not to exceed \$489,545.84, under the following mutually agreeable terms:

1. The temporary usage of the contingency for the Arc Flash Claim GC's is being made as an accommodation to Walsh Construction for cash flow purposes.
2. Upon Walsh Construction's receipt of the insurance payment for the Arc Flash Claim GC's, Walsh Construction shall reimburse such funds to OMIDDD, which will be credited back against the Walsh Construction contingency.
3. To the extent Walsh Construction does not reimburse OMIDDD the Arc Flash Claim GC's in whole or in part before OMIDDD releases retainage, Walsh Construction agrees that OMIDDD may withhold the non-reimbursed Arc Flash Claim GC's until the parties resolve the dispute over the Arc Flash Claim GC's, if any.
4. Neither Walsh Construction or OMIDDD will plead or otherwise assert that the temporary receipt of contingency for the Arc Flash Claim GC's described herein constitutes an admission of liability against Walsh or OMIDDD in any subsequent dispute proceedings concerning the Arc Flash Claim GC's.
5. As these costs have yet to be fully vetted, Walsh Construction and OMIDDD further agree that neither shall plead or otherwise assert that the temporary receipt of contingency for the Arc Flash Claim GC's described herein constitutes OMIDDD's or Walsh's agreement on the value of Walsh Construction's general conditions or any specific costs therein, in whole or in part, during the Arc Flash Claim GC's period or any other period on the Project.

If these terms are acceptable, please sign where indicated below:





Oakland-Macomb Interceptor Drain Drainage District

The Oakland Macomb Interceptor Drain, Drainage District

Joel Brown, P.E.
Chief Engineer
OCWRC

Stephen Downing
Construction and Maintenance Manager
MCPWO

Walsh Construction accepts the terms and conditions contained in this letter:

Walsh Construction

By: DocuSigned by:

285853224E88443
[signature]

Name: David Pauline
Its: Project Manager
The Walsh Group

Cc: Abdulnasser Almadhoun, P.E. NTH Consultants
Larry Gilbert, P.E., NTH Consultants
John Michalski, P.E., ASI
John Zann, PMA
C.J. Pokorny, Walsh
Josh Bohanon, Walsh



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

Regular Construction Estimate No. 41- Partial Release of Retention Period: August 01 through August 31, 2024

Department No.:	6010101	Account No.:	731472
Fund No.:	84917	Program No.:	149015
Project No.:	1-00000003308	Activity:	FAC

Contractor:	Vendor # 29656 Contract # 6323	Date of Contract:	January 21, 2021
Marra Services, Inc.	LI # 44838 exp. 1/20/23	Final Completion Date:	September 9, 2022
700 E. 73 rd. Street		Adj. Final Completion:	May 12, 2023
Cleveland, OH 44103			

Original Construction Contract Amount	\$14,732,510.00
Previous Change Orders: No. One, Two, Three, Four, and Five	\$1,287,656.61
Change Orders This Estimate: C.O. # 6	(\$68,408.45)
Total Net Change Orders:	\$1,219,248.16
<u>Adjusted Contract Amount:</u>	<u>\$15,951,758.16</u>
Sub-Total To Date	\$15,951,758.16
Less Deductions: None	\$0.00
Gross Estimate, Work in Place 100% Complete	\$15,951,758.16
Less Amount Reserved (Partial Reduction of Retention, this Application)	\$197,587.91
Total Amount Allowed To Date:	
Less Previous Estimates (Application No.40)	\$15,951,758.16
Net Payment Request To Be Paid To Contractor: (Reduction in Reserve)	\$200,000.00
<u>Reserve Payment to Contractor:</u>	<u>\$200,000.00</u>
Amount remaining to Completion: \$ 0.00	Accounting Auditor:
Amount to be Reserved from Above	\$197,587.91
Less Previous Transfers To Reserve: Pay App # 40	\$400,000.00
Amount of Current Transfer: Reduction in Reserve Reduction with Transfer to Contractor	\$200,000.00

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

Date: 9-11-2024

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

Date: 9/11/2024

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

Date: 9/16/2024

Recommended by: 
 Stephen Downing; Macomb County OPWC

Date: 9/16/2024

Regular Pay Estimate No 41 (Reduction in Reserve)

Approved By Board On: _____

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. Thirteen (Contr. 2-A Only)

Period: August 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
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
<u>Adjusted Contract Amount: (Contract 2A Only)</u>		<u>\$9,526,580.25</u>
Sub-Total To Date		\$7,083,298.91
Less Deductions: None		\$0.00
Gross Estimate, Work in Place	74 % Complete	\$7,083,298.91
Less Amount Reserved (Max. at 10% of 50% of adj. C.V.)		\$476,329.02
Total Amount Allowed To Date:		\$6,606,969.89
Less Previous Estimates		\$6,295,238.84
Net Payment Request To Be Paid To Contractor:		\$311,731.05

Reserve Payment to Contractor:	\$0.00
<u>Balance to Finish: \$ 2,488,281.34</u>	<u>Accounting Auditor:</u>
Amount to be Reserved from Above	\$476,329.02
Less Previous Transfers To Reserve:	\$476,329.02
<u>Amount of Current Transfer</u>	<u>\$0.00</u>

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

Date: 9-12-2024

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

Date: 9/12/2024

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

Date: _____

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

Date: 9/16/2024

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

Agenda Item No. 8

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.

September 18, 2024 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (September 10, 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: NTP September 10, 2024

- Jacobs Team Project Budget: \$1,262,029.09
- Total Spent (Invoice No. 16, through Julye 2024): \$980,274.76
- EWO #3 for Jacobs' services during construction was approved by the Drain Board in the July 17, 2024 OMIDDD Board meeting
- 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 is scheduled for September 10, 2024.
- 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 will be 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 is in the process of paying the Engineering Review fee, with reimbursement by OMIDDD.
- The design of the Control Structure No. CS-6 (15 Mile Road/ITC Corridor) odor/corrosion control facility is currently 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, pending final agreement with ITC and other easement owners. Currently under final review by ITC, Sterling Heights, and coordinating with other easement holders. Final design package to be used to solicit bids from several OCWRC and MCPWS Blanket Contract Holders. Field work will follow substantial completion of MIDDD Segment 5 pipe storage on the site (expected Fall 2024).
- Remaining items in the final emergency plan include punch-list and optimization steps for electrification, 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, MIDDD, 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 (under the Walsh CMAR contract) is underway and on schedule for completion in mid-October, 2024.
- Standby generator tie-in to new electrical switchgear now complete. Tests were conducted during the week of August 26, 2024 without any issues. Portable standby generators have been demobilized from the site.
- The current system configuration is in 'Automatic.' A sequence of operation document has been submitted.
- New Transformer T3 and T4 in service providing dual electrical duty without issues.
- Sanitary Pump #4 repairs on track for a late October 2024 start after ongoing repairs. Preparations remain on track to install the VFD and related equipment.
- Lardner has applied for the final Dry Well Elevator Permit from the City of Detroit. Work continues on outstanding items including the closeout inspection and emergency power tie-in. An inspection date will be requested once the work has been completed.
- The bar screens were inspected on August 13, 2024. This inspection determined that both the north and south screens are in good condition and did not require cleaning at that time. The next bar screen inspection is projected for December 2024.
- Sanitary Pump #6 and related components have been demolished and removed from the station

Overall NESPS Station Performance Report by METCO:

- Mechanical: Sanitary Pumps #1 #2, #3, and #5 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 375cfs. Contract Capacity 423cfs. Firm Capacity 400cfs.
- Electrical issues with Sanitary Pump #3 and Pump #5 were resolved by the electrical team during the visit on June 21, 2024.
- Sanitary Pump #4 remains out of service after the Variable Frequency Drive (VFD) failed and the unit was deemed unserviceable. Pump #4 (Toshiba MV 2000HP VFD) installation start is now scheduled for October 2024.
- The overhaul of Sanitary Pump #4 shaft bearings and pump mechanical seal is complete.
- The wet well dewatering pump required a lip seal replacement, completed last month. Kennedy also recommends a shaft bearing overhaul, which is now in progress. Pump is out of service until the week of September 16, 2024.
- NESPS/GLWA LOTO (Lock-Out Tag-Out) continues as a primary means of safety communication.
- Dry well submersible sump Pumps #1 and #2 are scheduled for replacement the week of September 24, 2024.
- 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: Gas detection is in use. New oxygen sensors have been installed and programming is complete. Rounds are conducted daily. Calibrations were completed July 31, 2024. Unit air filters are restocked 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. The problematic blower isolation dampers have been mechanically adjusted to provide greater ease of operation.
- 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).
- All LOTO protocols remain in place.
- System-wide communications are good.
- CS-6 gate is in stand-by mode and ready for service.
- CS-5 and CS-8 in stand-by mode and ready for service.
- CS-9 in stand-by mode and ready for service (some minor repairs pending). A neighborhood resident has reached out with an odor complaint. In response, extra attention has been paid to CS-9 with multiple daily site visits, though no odors have been detected or otherwise observed.
- 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, recent 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

Amt Invoiced: Construction cost to date is \$15,951,758.16, representing 100% of the adjusted Contract value.

Schedule Status: The adjusted Contract Substantial Completion date is January 19, 2024, and the work is now complete.

Contract 1 (PCI-4 Rehabilitation) Construction Status:

- Construction Complete. Final change order preparation and Contract closeout tasks are complete and under review by the Project Owners.

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

Amt Invoiced: \$7,083,298.91 out of \$9,526,580.25 (construction, Contract 2A only) has been completed, representing 74 % complete.

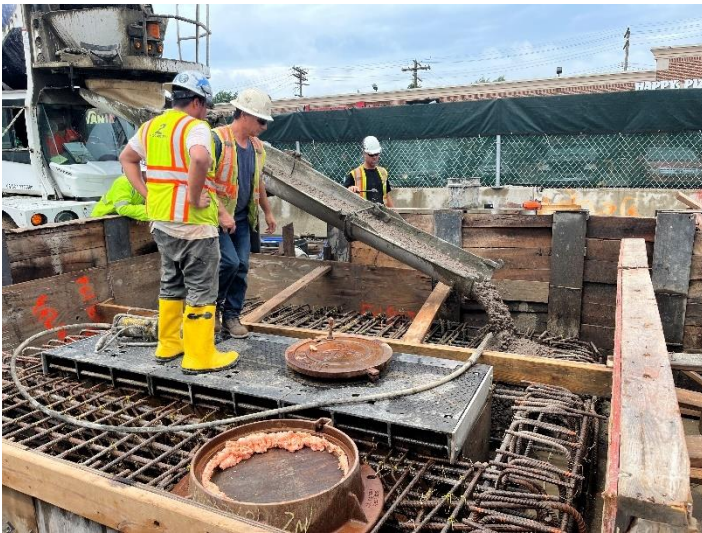
Schedule Status: Contract 2A: On time, although comments to the current schedule submittal expected to result in about 10 days late projection.

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

- Traffic control equipment along Van Dyke is in place including signal, lane closure, and signage revisions.
- The Seven Mile shaft is essentially complete, pending internal finishes and roof installation, with MOT demobilized.
- Geotechnical instrumentation continues to indicate stable conditions, with no significant ground movement.
- The existing PC-663 stop gate has been removed. The PC-663 TERS is complete. Work on the Van Dyke underground conduit crossing and cable vault installation is complete and structure backfill is complete. The main bulkhead gate has been installed with some accessory work ongoing.
- 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. A coordination meeting took place in September 2024 with a subsequent meeting planned for October 2024.

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.



Pouring top slab of 7 Mile Road Access Shaft



Restoration of road and sidewalk



Encasing electrical conduits



Installing bulkhead gate



Installation of meter enclosure



Pouring and curing of PC-663 vertical section

NESPS Pump and Electrical Upgrades Project

Budget Status: The total construction amount invoiced as of November 30, 2023, is \$44,336,643.34 out of \$50,582,277.71 (including the operational Control Structure 9 Bulkhead Gate facility and adjusted for stored material inclusion in major work activities), representing 87% 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 Pump #1, #3 and #5 have been installed with all 3 pumps approved for provisional use but currently operating below design capacity. Physical model testing at Clemson University to further evaluate the cause and resolution of this issue is complete. “Pre-swirl” effects appear to be the issue and installation and preparation is complete to install “flow-fin” vanes in Pump #6. Vane installation on the remaining pumps TBD on the basis of the results of the Pump #6 retrofit.
- Sanitary Pump #5 has been placed into 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.
- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.
- Installation of small diameter conduit runs, lighting improvements, 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 a claim on the OCIP Builder’s Risk insurance coverage for this event. The first payment on the BR claim has been received by OMID and disbursement protocols are underway.

- 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. KG #6 will be replaced with a new valve (currently on-site) 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, and safety screens to protect personnel from the rotating drive shaft 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.
- Phase I and Phase II of the site concrete paving is now complete. The 2024 Phase III paving is underway, with final site grading continuing.
- Fabrication of the new 25-ton overhead crane for the Motor Room continues, with factory tests scheduled for mid-September, 2024. The installation schedule will be coordinated with other tasks involving use of the crane.
- 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. Temporary generators demobilized and are off site.

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



Preparing to demolish Pump #6 electrical motor



New concrete floor in electrical building basement



Wet well elevator under construction



Construction of floor drain for wet well elevator pit



Demolition of existing Transformer foundation



Hauling away spoils from duct bank trench



Restoring grade north of existing Transformer enclosure



Installing outside shed roof



Removing Pump #6 magnetic flow meter platform

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

Upstream slip lining with Hobas and grouting of the annular space is ongoing. As of September 6, 2024 the contractor has placed 316 total pipes (approximately 6,100 feet) and are about 600 feet from the curve. The fourth run from MH-3 and MH-2 is being actively grouted and is nearing completion. The fifth run from MH-2 to MH-1 has been completely grouted. Lining between CS-12 and CS-4 to begin in fall 2024. New lining will eliminate “lip” between 8-foot diameter section and upstream 12.75 foot section.



Grout communication at Hobas section 225



Grouting efforts at Hobas section 240



Debris removed from sewer decanting topside

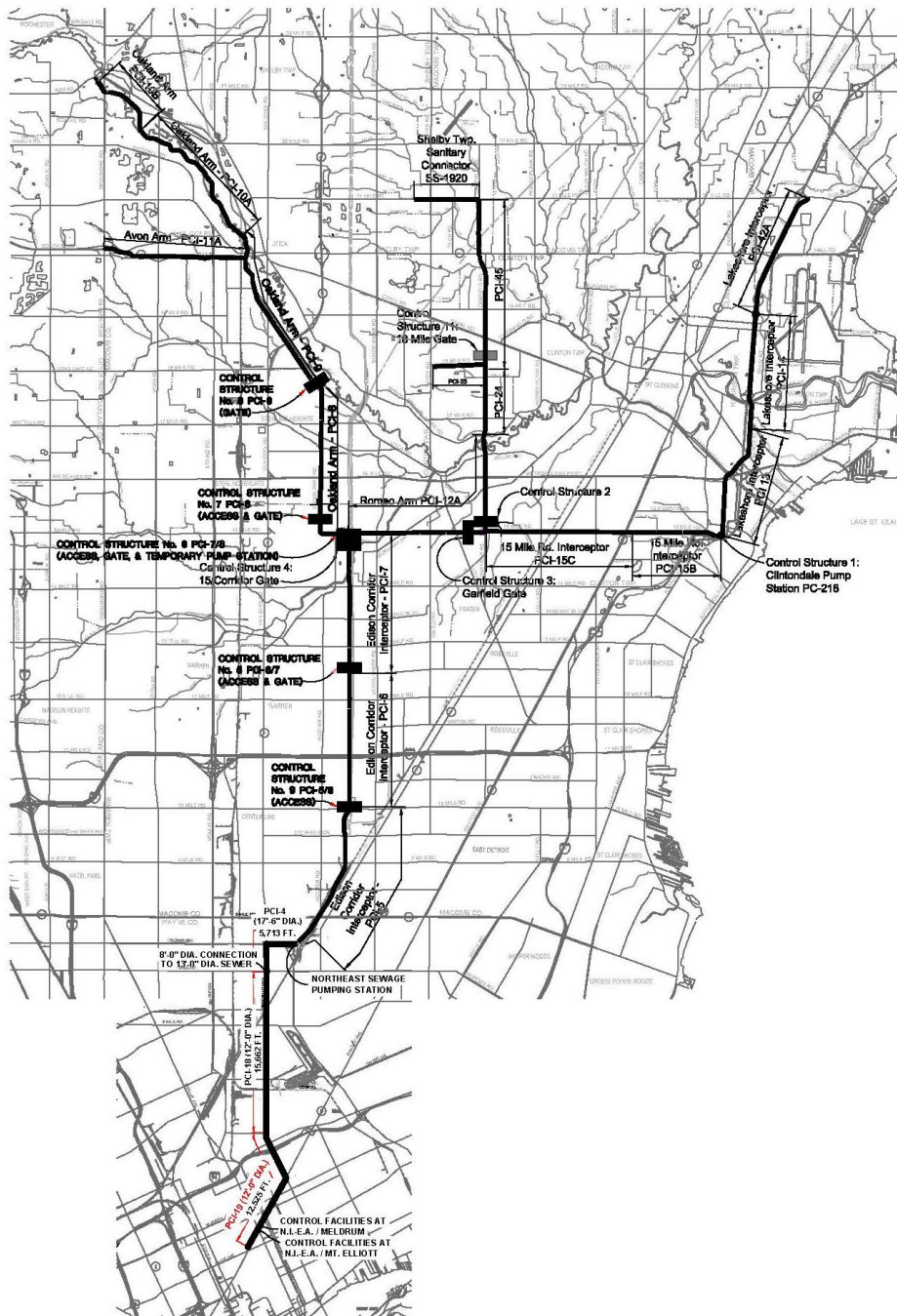


Manhole grouting set-up at MH-1

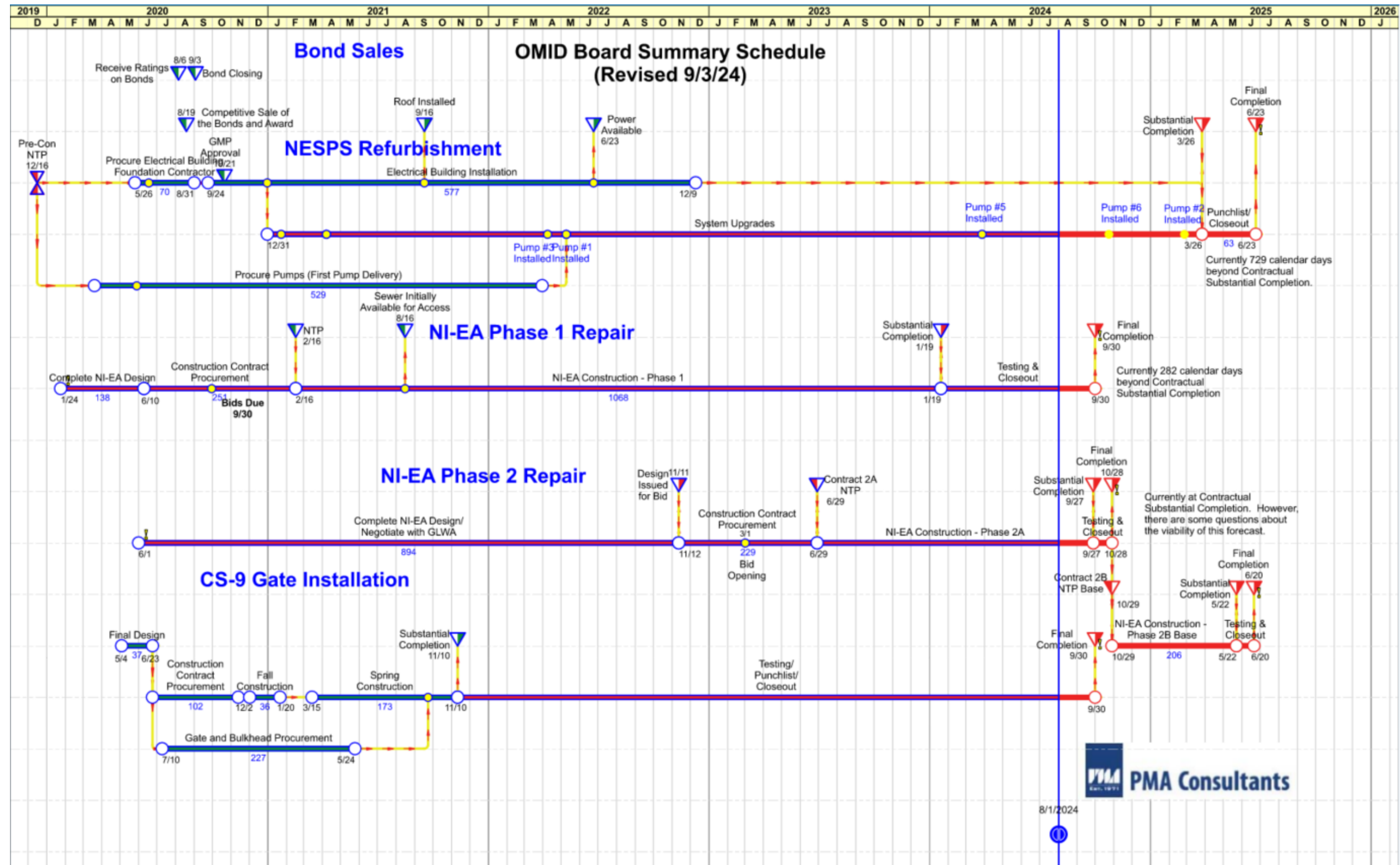
Summary of OMID Design and Construction Status:

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
N/A	NIEA-OMIDDD Contract 1 (PCI-4)	Marra	Y	Y	Y	N	Y
N/A	NIEA-OMIDDD Cont 2 (PCI-18/19)	Z Contractors	N	N	N	N	N

Work Currently in Design/Study/Engineering		
Description	Design Consultant	Status
System-wide Odor/Corrosion Design	Jacobs	Design and bidding Complete, award to CCC pending
NESPS & OMID Maintenance & Repairs	Metco	Engineering/Maintenance Ongoing
Emergency Pumping Plan	ASI/NTH/FKE	Draft Plan to be modified following ITC bypass pumping modifications
Control Structure Upgrades	ASI	Design Complete; On hold for bidding



Overview of OMID System in Oakland, Macomb, and Wayne County



NetPoint® 5.3. Release 5.3.2.1. Build 10704. (Mar 4 2022 11:21:58) Schedule Unit: Days Criticality Factor: Total Float (Days: 0/5)

OMID Project Schedule Summary

Agenda Item No. 9

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

YTD Trial Balance Fund: 84917 Oakland Maccomb InterceptorSeg5 As of Fiscal Period: Month 10, 2024		OMID SEGMENT 5 BOND ISSUE PRJ-13252	OMID NI-EA CONSTRUCTION PRJ-13308	NESPS MECH-ELEC CONSTRUCTION PRJ-13309	YTD Balance
100100	Cash - Operating	2,312,463.66	4,368,732.66	9,106,228.30	15,787,424.62
143100	PrepaidExpemses			205,138.01	205,138.01
	ASSETS	2,312,463.66	4,368,732.66	9,311,366.31	15,992,562.63
201210	Vouchers Payable AP Cont			(305,145.31)	(305,145.31)
222300	Unearned Revenues	576,414.65	(1,026,815.32)	(2,892,320.31)	(3,342,720.98)
	LIABILITIES	576,414.65	(1,026,815.32)	(3,197,465.62)	(3,647,866.29)
698200	Insurance Recoveries			(769,476.00)	(769,476.00)
655000	Income From Investments	(1,036,794.31)			(1,036,794.31)
	REVENUES	(1,036,794.31)	0.00	(769,476.00)	(1,806,270.31)
730000	Contractual Services		1,819,725.78	5,119,430.40	6,939,156.18
770000	Internal Support Expenditures		55,232.94	87,503.78	142,736.72
	EXPENSES	0.00	1,874,958.72	5,206,934.18	7,081,892.90
381315	FB Restricted Debt	(47,288,433.00)			(47,288,433.00)
382100	FB Committed for Capital Proj	45,436,349.00	(5,216,876.06)	(10,551,358.87)	29,668,114.07
	Fund Balance	(1,852,084.00)	(5,216,876.06)	(10,551,358.87)	(17,620,318.93)
		0.00	0.00	0.00	0.00

Cash as of 07/31/2024 \$ 15,787,424.62

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (210,934.21)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (981,324.63)

Total Net Cash Balance \$ 14,595,165.78

YTD Trial Balance Fund: 84917 Oakland Macomb InterceptorSeg5 As of Fiscal Period: Month 11, 2024		OMID SEGMENT 5 BOND ISSUE PRJ-13252	OMID NI-EA CONSTRUCTION PRJ-13308	NESPS MECH-ELEC CONSTRUCTION PRJ-13309	YTD Balance
100100	Cash - Operating	2,349,336.07	4,151,969.54	7,810,063.79	14,311,369.40
143100	PrepaidExpenses			290,655.76	290,655.76
	ASSETS	2,349,336.07	4,151,969.54	8,100,719.55	14,602,025.16
222300	Unearned Revenues	576,414.65	(1,026,815.32)	(2,892,320.31)	(3,342,720.98)
	LIABILITIES	576,414.65	(1,026,815.32)	(2,892,320.31)	(3,342,720.98)
698200	Insurance Recoveries			(769,476.00)	(769,476.00)
655000	Income From Investments	(1,073,666.72)			(1,073,666.72)
	REVENUES	(1,073,666.72)	0.00	(769,476.00)	(1,843,142.72)
730000	Contractual Services		2,030,659.99	6,015,237.28	8,045,897.27
770000	Internal Support Expenditures		61,061.85	97,198.35	158,260.20
	EXPENSES	0.00	2,091,721.84	6,112,435.63	8,204,157.47
381315	FB Restricted Debt	(47,288,433.00)			(47,288,433.00)
382100	FB Committed for Capital Proj	45,436,349.00	(5,216,876.06)	(10,551,358.87)	29,668,114.07
	Fund Balance	(1,852,084.00)	(5,216,876.06)	(10,551,358.87)	(17,620,318.93)
		(0.00)	0.00	0.00	(0.00)

Cash as of 08/31/2024 \$ 14,311,369.40

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (7,737.72)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (1,182,523.91)

Total Net Cash Balance \$ 13,121,107.77

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 FY2024 - Aug

Project	Final Budget	Actuals MTD	Comm	Obligations	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	28,395,600.00	216,763.12	-	400,000.00	2,091,721.84	2,491,721.84	24,250,373.88	4,145,226.12
1 > Administration	584,000.00	-	-	-	-	-	175,749.40	408,250.60
1 > Contingency	2,581,000.00	-	-	-	-	-	-	2,581,000.00
1 > Engineering	478,000.00	5,828.91	-	-	56,542.38	56,542.38	267,335.00	210,665.00
1 > Engineering Consultants	4,913,000.00	2,481.58	-	-	458,355.11	458,355.11	5,873,403.87	(960,403.87)
1 > Facility Acquisition	17,983,600.00	202,893.63	-	400,000.00	1,571,900.88	1,971,900.88	17,400,876.92	582,723.08
1 > Inspection	260,000.00	-	-	-	-	-	-	260,000.00
1 > Legal and Financial	1,259,000.00	5,559.00	-	-	404.00	404.00	247,464.59	1,011,535.41
1 > Right of Way	265,000.00	-	-	-	4,519.47	4,519.47	86,378.76	178,621.24
1 > STANDARD	40,000.00	-	-	-	-	-	199,165.34	(159,165.34)
1 > Survey	32,000.00	-	-	-	-	-	-	32,000.00
Project Revenues	-	-	-	-	-	-	27,375,528.10	
RC605572 - Special Assessments Revenue	-	-	-	-	-	-	5,403,685.03	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	21,965,099.65	
RC698200 - Insurance Recoveries	-	-	-	-	-	-	6,743.42	
Revenue Over/ (Under) Expenses							3,125,154.22	

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 FY2024 - Aug

Project	Final Budget	Actuals	Commitments	Obligations YTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	54,086,000.00	905,501.45	-	709,852.00	6,112,435.63	6,822,287.63	46,754,756.45	7,331,243.55
1 > Administration	620,000.00	385.56	-	-	4,210.31	4,210.31	48,629.37	571,370.63
1 > Contingency	4,917,000.00	-	-	-	-	-	-	4,917,000.00
1 > Engineering	446,000.00	5,473.69	-	-	51,950.21	51,950.21	333,431.90	112,568.10
1 > Engineering Consultants	3,987,000.00	22,385.03	-	-	766,705.63	766,705.63	4,047,295.06	(60,295.06)
1 > Facility Acquisition	40,857,000.00	832,320.83	-	-	4,719,642.95	4,719,642.95	40,110,763.37	746,236.63
1 > Inspection	285,000.00	3,835.32	-	-	43,448.86	43,448.86	433,124.75	(148,124.75)
1 > Legal and Financial	2,417,000.00	39,992.25	-	-	282,067.62	282,067.62	533,418.11	1,883,581.89
1 > Right of Way	393,000.00	-	-	-	-	-	-	393,000.00
1 > STANDARD	130,000.00	1,108.77	-	709,852.00	244,410.05	954,262.05	1,245,943.58	(1,115,943.58)
1 > Survey	34,000.00	-	-	-	-	-	2,150.31	31,849.69
Project Revenues	-	-	-	-	769,476.00	(769,476.00)	51,963,155.69	
RC605572 - Special	-	-	-	-	-	-	9,356,057.68	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	41,837,622.01	
RC698200 - Insurance	-	-	-	-	769,476.00	(769,476.00)	769,476.00	
Revenue Over/ (Under) Expenses							5,208,399.24	

YTD Trial Balance Fund: 84918 NIEA Contract #2 As of Fiscal Period: Month 11, 2024		NIEA Contract #2 Bond Issue PRJ-17384	NIEA Contract #2 Construction PRJ-17408	YTD Balance
100100	Cash - Operating	235,191.65	8,818,580.29	9,053,771.94
115005	Accounts Receivable		1,125,000.00	
	ASSETS	235,191.65	9,943,580.29	9,053,771.94
222300	Unearned Revenues		(9,369,228.15)	(9,369,228.15)
	LIABILITIES	0.00	(9,369,228.15)	(9,369,228.15)
630000	Income From Investments		(2,250,000.00)	(2,250,000.00)
655000	Income From Investments	(616,439.35)		(616,439.35)
	REVENUES	(616,439.35)	(2,250,000.00)	(2,866,439.35)
730000	Contractual Services		7,356,139.39	7,356,139.39
770000	Internal Support Expenditures		537.12	537.12
	EXPENSES	0.00	7,356,676.51	7,356,676.51
382100	FB Committed for Capital Proj	381,247.70	(5,681,028.65)	(5,299,780.95)
	Fund Balance	381,247.70	(5,681,028.65)	(5,299,780.95)
		0.00	(0.00)	(1,125,000.00)

Cash as of 08/31/2024 \$ 9,053,771.94

Invoices/Reimbursements for Construction PRJ-17408 on Current Agenda impacting Cash Balance (436,902.62)

Total Net Cash Balance \$ 8,616,869.32

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 FY2024 - Aug

Project	Final Budget	Actuals MTD	Commitments	Obligations YTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	15,600,000.00	879,314.82	-	-	7,356,676.51	7,356,676.51	7,665,669.42	7,934,330.58
1 > Administration	95,287.00	-	-	-	-	-	-	95,287.00
1 > Engineering	235,465.00	179.04	-	-	537.12	537.12	537.12	234,927.88
1 > Engineering Consultants	2,089,000.00	55,479.19	-	-	830,369.19	830,369.19	893,564.44	1,195,435.56
1 > Facility Acquisition	12,596,000.00	823,656.59	-	-	6,049,441.19	6,049,441.19	6,295,238.85	6,300,761.15
1 > Inspection	230,037.00	-	-	-	-	-	-	230,037.00
1 > Legal and Financial	279,000.00	-	-	-	-	-	-	279,000.00
1 > Right of Way	42,000.00	-	-	-	-	-	-	42,000.00
1 > STANDARD	15,796.00	-	-	-	476,329.01	476,329.01	476,329.01	(460,533.01)
1 > Survey	17,415.00	-	-	-	-	-	-	17,415.00
Project Revenues	-	1,125,000.00	-	-	2,250,000.00	(2,250,000.00)	8,240,021.56	
PRJ-17408 NI-EA C2 PCI 18&19	-	1,125,000.00	-	-	2,250,000.00	(2,250,000.00)	8,240,021.56	
RC605572 - Special	-	-	-	-	-	-	193,214.85	
RC631827 - Reimb General	-	1,125,000.00	-	-	2,250,000.00	(2,250,000.00)	2,250,000.00	
RC697219 - Premiums on	-	-	-	-	-	-	176,878.45	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	5,619,928.26	
Revenue Over/ (Under) Expenses							574,352.14	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-17384 OMIDDD NIEA Contract2 Bond Adm
Budget Structure Project Task
Budget Name
Period FY2024 - Aug

Project	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	-	-	-	-	-	124,622.50	(124,622.50)
1 > Administration	-	-	-	-	-	124,622.50	(124,622.50)
Project Revenues	23,616.73	-	-	616,439.35	(616,439.35)	359,814.15	
RC655385 - Income from	23,616.73	-	-	230,297.01	(230,297.01)	249,742.41	
RC697551 - Issuance of Bonds	-	-	-	-	-	110,071.74	
Revenue Over/ (Under) Expenses						235,191.65	

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

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	4,921,231.93	2,515,991.49	7,257,399.02	4,457,250.49		19,151,872.93
84917	OMIDD Seg 5						
	- Project 1-3252 Interceptor Seg 5					2,925,750.72	
	- Project 1-3308 NI - EA Construction					3,125,154.22	
	- Project 1-3309 NESPS Construction					<u>5,208,399.24</u>	<u>11,259,304.18</u>
84918	OMIDDD North Interceptor East Arm – Contract #2						
	- Project: PRJ-17384 OMIDDD NIEA Contract2 Bond Adm					235,191.65	
	- Project: PRJ-17408 OMIDDD NIEA Contract2 Construction					<u>574,352.14</u>	809,543.79
Total Equity in Maintenance and Construction Funds							<u><u>30,411,177.11</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 09/18/2024

		84917	84917	84918	82912	<u>Total</u>
		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>	
Oakland County *	WRC Labor/Fringes/Non-direct Labor (07/27/2024 - 08/23/2024)	5,697.10	9,385.97			15,083.07
Oakland County *	WRC Equipment (07/27/2024 - 08/23/2024)	131.81	308.60			440.41
Applied Science, Inc	Invoice # 65 (ASI Inv. #8854) Services 06/30/24 to 07/27/24		58,438.72			58,438.72
Applied Science, Inc	Invoice # 66 (ASI Inv. #8871) Services 07/28/24 to 08/31/24		77,159.33			77,159.33
Clark Hill PLC	Invoice #1467406 Matter 463149 Walsh Construction Svs Through 07/31/2024		2,205.00			2,205.00
Clark Hill PLC	Invoice # 1467408 Matter 490169 NIEA Svs Through 07/31/2024	3,465.00				3,465.00
HESCO (Hamlett)	Invoice # 242112 Delivered oil				927.99	927.99
HESCO (Hamlett)	Invoice # 242418 WO# 1211 CS-9, Senior Tech 07/19/24				585.00	585.00
HESCO (Hamlett)	Invoice # 242474 WO# 1261 CS-8, 08/13/24				5,940.00	5,940.00
Inland Lakes Landscaping	Invoice # 24755- LS Vegetation Maintenance 7/19 and 8/7/24				1,825.00	1,825.00
Jacobs Consultants, Inc.	Invoice # C6A19900-16 OMIDD Odor & Corrosion Facilities 3/30/24 - 7/26/24				20,819.78	20,819.78
Kennedy Industries	Invoice # 642563 - NEPS Pump Field Service 7/1/24				1,243.04	1,243.04
Kennedy Industries	Invoice # 642819 - NEPS Pump Field Service 6/28/24 and 7/8/24-7/9/24				6,423.10	6,423.10
Lardner Elevator Company	Invoice # 202055 - Elevator Maintenance July 2024				204.00	204.00
Macomb County	AR24001029 Personnel & Utilities Reimbursement, 10/1/23 - 6/30/24, and SCADA Maintenance				93,984.66	\$93,984.66
METCO Consulting Engineers	Invoice # 1811-68 08/05/2024 Through 09/01/2024				84,206.54	84,206.54
Motor City Electric Technologies	Invoice # 95917 T&M SCADA Work 08/26 and 8/28/24				270.00	270.00
Motor City Electric Technologies	Invoice # 95918 T&M SCADA Work 08/12 and 8/15/24				405.00	405.00
Motor City Electric Technologies	Invoice # 95919 Electrical and Engineering Support 08/15, 8/28, and 8/29/24				701.17	701.17
NTH Consultants	Invoice # 636937 Engineering Services D 439 11/18/2023 - 8/23/2024				458.13	458.13
NTH Consultants	Invoice # 636938 (D-421 & D-462) Engineering Services 7/20/2024 - 8/23/2024		1,808.83			1,808.83
NTH Consultants	Invoice # 636942 (D-425 & D-457) Engineering Services 7/20/2024 - 8/23/2024	4,272.72				4,272.72
NTH Consultants	Invoice # 636944 (D-458 & D-463) Engineering Services 7/20/2024 - 8/23/2024			125,171.57		125,171.57
PMA Consultants	Invoice # 03559.01 - 50 Professional Services NESPS 07/01 - 07/31/24		18,405.66			18,405.66
Marra Services	Construction Estimate # 41 NI-EA PCI 4 rehabilitation - \$200,000 paid from retainage					0.00
Walsh Construction	Construction Estimate # 47 NESPS Pump & Electrical Upgrades Project		1,024,506.37			1,024,506.37
Z Contractors	Construction Estimate # 13 NI-EA contract #2A and 2B - PCI 18 and 19			311,731.05		311,731.05
	Total Invoices/Reimbursements for Approval	13,566.63	1,192,218.48	436,902.62	217,993.41	1,860,681.14
	* Less WRC Charges already paid from OMI Fund	(5,828.91)	(9,694.57)	0.00		(15,523.48)
	Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board	7,737.72	1,182,523.91	436,902.62	217,993.41	1,845,157.66

Agenda Item No. 10

Invoices

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								7/27/2024	-	8/23/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity	
1094849	8/9/2024	6/18/2024	BROWN, JOEL	0.50	\$70.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/9/2024	6/20/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/9/2024	6/21/2024	BROWN, JOEL	0.50	\$70.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/9/2024	6/24/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/9/2024	6/27/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/9/2024	6/28/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/12/2024	7/2/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/12/2024	7/8/2024	BROWN, JOEL	0.50	\$70.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/12/2024	7/9/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/12/2024	7/11/2024	BROWN, JOEL	3.50	\$491.26	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/12/2024	7/12/2024	BROWN, JOEL	5.00	\$701.80	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/12/2024	7/15/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/12/2024	7/16/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/12/2024	7/17/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/12/2024	7/18/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/12/2024	7/19/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/12/2024	7/22/2024	BROWN, JOEL	0.50	\$70.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/12/2024	7/23/2024	BROWN, JOEL	0.50	\$70.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/12/2024	7/25/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/13/2024	8/5/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
1094849	8/13/2024	8/8/2024	BROWN, JOEL	4.00	\$561.44	REGULAR	WRCCON	PRJ-13309	ENGINEERING	
			BROWN, JOEL Total		\$4,702.06					
1050210	8/6/2024	7/30/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION	
1050210	8/6/2024	8/1/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION	
1050210	8/6/2024	8/6/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION	
1050210	8/6/2024	8/8/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION	
1050210	8/20/2024	8/13/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION	
1050210	8/20/2024	8/15/2024	POUSHO, ROBERT	6.00	\$354.72	REGULAR	WRCCON	PRJ-13309	INSPECTION	
1050210	8/20/2024	8/20/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION	
1050210	8/20/2024	8/22/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION	
			POUSHO, ROBERT Total		\$3,665.44					
1131289	7/31/2024	7/16/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13309	ENGINEERING	
1131289	7/31/2024	7/22/2024	PUSCAS, JACK J	1.50	\$130.17	REGULAR	WRCADM	PRJ-13309	ENGINEERING	
1131289	8/14/2024	7/29/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13309	ENGINEERING	
1131289	8/14/2024	8/5/2024	PUSCAS, JACK J	2.50	\$216.95	REGULAR	WRCADM	PRJ-13309	ENGINEERING	
1131289	8/14/2024	8/6/2024	PUSCAS, JACK J	1.50	\$130.17	REGULAR	WRCADM	PRJ-13309	ENGINEERING	
			PUSCAS, JACK J Total		\$650.85					
1255122	8/7/2024	8/7/2024	ROBERTOY, KATY	2.00	\$122.54	REGULAR	WRCCON	PRJ-13309	ADMINISTRATION	
1255122	8/8/2024	8/8/2024	ROBERTOY, KATY	2.00	\$122.54	REGULAR	WRCCON	PRJ-13309	ADMINISTRATION	
1255122	8/22/2024	8/22/2024	ROBERTOY, KATY	2.00	\$122.54	REGULAR	WRCCON	PRJ-13309	ADMINISTRATION	
			ROBERTOY, KATY Total		\$367.62					
			Grand Total		\$9,385.97					

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								7/27/2024	8/23/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094849	8/9/2024	6/18/2024	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/18/2024	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/18/2024	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/20/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/20/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/20/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/21/2024	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/21/2024	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/21/2024	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/24/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/24/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/24/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/27/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/27/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/27/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/28/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/28/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/9/2024	6/28/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/2/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/2/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/2/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/8/2024	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/8/2024	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/8/2024	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/9/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/9/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/9/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/11/2024	BROWN, JOEL	3.50	\$1.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/11/2024	BROWN, JOEL	3.50	\$8.19	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/11/2024	BROWN, JOEL	3.50	\$0.88	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/12/2024	BROWN, JOEL	5.00	\$2.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/12/2024	BROWN, JOEL	5.00	\$11.70	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/12/2024	BROWN, JOEL	5.00	\$1.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/15/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/15/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/15/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/16/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/16/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/16/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/17/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/17/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/17/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/18/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/18/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/18/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/19/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/19/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/19/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/22/2024	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/22/2024	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/22/2024	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/23/2024	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/23/2024	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/23/2024	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/25/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/25/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2024	7/25/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/13/2024	8/5/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/13/2024	8/5/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/13/2024	8/5/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/13/2024	8/8/2024	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/13/2024	8/8/2024	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/13/2024	8/8/2024	BROWN, JOEL	4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
			BROWN, JOEL Total		\$100.23				
1050210	8/6/2024	7/30/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	8/6/2024	7/30/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	8/6/2024	8/1/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	8/6/2024	8/1/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	8/6/2024	8/6/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	8/6/2024	8/6/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION

1050210	8/6/2024	8/8/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	8/6/2024	8/8/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	8/20/2024	8/13/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	8/20/2024	8/13/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	8/20/2024	8/15/2024	POUSHO, ROBERT	6.00	\$2.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	8/20/2024	8/15/2024	POUSHO, ROBERT	6.00	\$14.04	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	8/20/2024	8/20/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	8/20/2024	8/20/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	8/20/2024	8/22/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	8/20/2024	8/22/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
			POUSHO, ROBERT Total		\$169.88				
1131289	7/31/2024	7/16/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	7/31/2024	7/16/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	7/31/2024	7/22/2024	PUSCAS, JACK J	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	7/31/2024	7/22/2024	PUSCAS, JACK J	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	8/14/2024	7/29/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	8/14/2024	7/29/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	8/14/2024	8/5/2024	PUSCAS, JACK J	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	8/14/2024	8/5/2024	PUSCAS, JACK J	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	8/14/2024	8/6/2024	PUSCAS, JACK J	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	8/14/2024	8/6/2024	PUSCAS, JACK J	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total		\$20.55				
1255122	8/7/2024	8/7/2024	ROBERTOY, KATY	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ADMINISTRATION
1255122	8/7/2024	8/7/2024	ROBERTOY, KATY	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ADMINISTRATION
1255122	8/7/2024	8/7/2024	ROBERTOY, KATY	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ADMINISTRATION
1255122	8/8/2024	8/8/2024	ROBERTOY, KATY	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ADMINISTRATION
1255122	8/8/2024	8/8/2024	ROBERTOY, KATY	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ADMINISTRATION
1255122	8/8/2024	8/8/2024	ROBERTOY, KATY	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ADMINISTRATION
1255122	8/22/2024	8/22/2024	ROBERTOY, KATY	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ADMINISTRATION
1255122	8/22/2024	8/22/2024	ROBERTOY, KATY	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ADMINISTRATION
1255122	8/22/2024	8/22/2024	ROBERTOY, KATY	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ADMINISTRATION
			ROBERTOY, KATY Total		\$17.94				
			Grand Total		\$308.60				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								7/27/2024	-	8/23/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity	
1208707	7/29/2024	7/15/2024	COOK, JENNIFER	2.00	\$214.68	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	8/14/2024	8/1/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	8/14/2024	7/31/2024	COOK, JENNIFER	2.00	\$214.68	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	8/14/2024	7/30/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	8/14/2024	7/29/2024	COOK, JENNIFER	2.00	\$214.68	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	7/29/2024	7/26/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	7/29/2024	7/25/2024	COOK, JENNIFER	2.00	\$214.68	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	7/29/2024	7/23/2024	COOK, JENNIFER	4.00	\$429.36	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	7/29/2024	7/22/2024	COOK, JENNIFER	2.00	\$214.68	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	7/29/2024	7/19/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	7/29/2024	7/17/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	7/29/2024	7/16/2024	COOK, JENNIFER	4.00	\$429.36	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
			COOK, JENNIFER Total		\$2,468.82					
1094815	8/13/2024	8/9/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/13/2024	8/8/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/13/2024	8/6/2024	BROWN, JOEL	2.50	\$350.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/13/2024	8/5/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/12/2024	7/26/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/12/2024	7/22/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/12/2024	7/19/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/12/2024	7/18/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/12/2024	7/17/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/12/2024	7/16/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/12/2024	7/10/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/12/2024	7/9/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/12/2024	7/8/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/9/2024	6/28/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/9/2024	6/24/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	8/9/2024	6/20/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
			BROWN, JOEL Total		\$3,228.28					
			Grand Total		\$5,697.10					

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								7/27/2024	- 8/23/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	8/9/2024	6/20/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/9/2024	6/20/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/9/2024	6/24/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/9/2024	6/24/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/9/2024	6/28/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/9/2024	6/28/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/8/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/8/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/9/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/9/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/10/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/10/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/16/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/16/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/17/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/17/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/18/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/18/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/19/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/19/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/22/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/22/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/26/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/26/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/13/2024	8/5/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/13/2024	8/5/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/13/2024	8/6/2024	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/13/2024	8/6/2024	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/13/2024	8/8/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/13/2024	8/8/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/13/2024	8/9/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	8/13/2024	8/9/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	8/9/2024	6/20/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/9/2024	6/24/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/9/2024	6/28/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/8/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/9/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/10/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/16/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/17/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/18/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/19/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/22/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/12/2024	7/26/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/13/2024	8/5/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/13/2024	8/6/2024	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/13/2024	8/8/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	8/13/2024	8/9/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		\$68.79				
1208707	7/29/2024	7/15/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/15/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/16/2024	COOK, JENNIFER	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/17/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/19/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/22/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/23/2024	COOK, JENNIFER	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/25/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/26/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	8/14/2024	7/29/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	8/14/2024	7/30/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/16/2024	COOK, JENNIFER	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/17/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/19/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/22/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/23/2024	COOK, JENNIFER	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/25/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	7/29/2024	7/26/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	8/14/2024	7/29/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING

1208707	8/14/2024	7/30/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	8/14/2024	7/31/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	8/14/2024	7/31/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	8/14/2024	8/1/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	8/14/2024	8/1/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
			COOK, JENNIFER Total		\$63.02				
			Grand Total		\$131.81				

Macomb County Public Works
 21777 Dunham Rd
 Clinton TWP, MI 48036



INVOICE

mcpwo.finance@macombgov.org
<https://www.macombgov.org>
 (586) 469-5325

Date	Invoice Number
08/16/2024	AR24001029

Payment Terms	Due Date
Immediate	08/16/2024

Bill To:
COUNTY OF OAKLAND OAKLAND CO TREAS-CASH ACCT BLDG 12E 1200 N TELEGRAPH RD PONTIAC, MI 48341 United States of America

Remit To:
Macomb County Public Works Attn: Accounts Receivable 21777 Dunham Rd Clinton TWP, MI 48036 United States of America (586) 469-5325

Purchase Order Number	From Date	To Date	Customer ID
	10/01/2023	06/30/2024	C000024
Quantity	Item Description	Price Each	Amount
1	OMID Personnel Reimbursement 10/1/2023-6/30/2024	78,103.41	78,103.41
1	SCADA Maintenance	8,244.63	8,244.63
1	OMID Utility Reimbursement 10/1/2023-6/30/2024	7,636.62	7,636.62

Net Amount:	93,984.66
Tax	0.00
Total Invoice Amount	USD 93,984.66

OMID 10/1/23-6/30/24

COMCAST	8529 10 112 0329082	10/1-10/31	\$18.89
COMCAST	8529 10 112 0329082	11/1-11/30	\$18.89
COMCAST	8529 10 112 0329082	12/1-12/31	\$18.89
COMCAST	8529 10 112 0329082	1/1-1/31	\$20.85
COMCAST	8529 10 112 0329082	2/1-2/29	\$53.86
COMCAST	8529 10 112 0329082	3/1-3/31	\$33.73
COMCAST	8529 10 112 0329082	4/1-4/30	\$26.44
COMCAST	8529 10 112 0329082	5/1-5/31	\$26.44
COMCAST	8529 10 112 0329082	6/1-6/30	\$27.14

COMCAST	8529 10 113 0127831	10/1-11/30	\$39.17
COMCAST	8529 10 113 0127831	12/1-12/31	\$18.90
COMCAST	8529 10 113 0127831	1/1-1/31	\$20.29
COMCAST	8529 10 113 0127831	2/1-2/29	\$18.90
COMCAST	8529 10 113 0127831	3/1-3/31	\$18.90
COMCAST	8529 10 113 0127831	4/1-4/30	\$18.90
COMCAST	8529 10 113 0127831	5/1-5/31	\$18.90
COMCAST	8529 10 113 0127831	6/1-6/30	\$18.90

COMCAST	8529 10 199 1516981	10/19-12/18	\$726.03
COMCAST	8529 10 199 1516981	12/19-3/18	\$237.64
COMCAST	8529 10 199 1516981	3/19-4/18	\$237.64
COMCAST	8529 10 199 1516981	4/19-5/18	\$237.44
COMCAST	8529 10 199 1516981	5/19-6/18	\$237.44
COMCAST	8529 10 199 1516981	6/19-7/18	\$237.44

COMCAST	8529 10 077 0837261	10/17-11/16	\$18.49
COMCAST	8529 10 077 0837261	11/17-12/16	\$19.37
COMCAST	8529 10 077 0837261	12/17-1/16	\$17.88
COMCAST	8529 10 077 0837261	1/17-3/16	\$17.39
COMCAST	8529 10 077 0837261	3/17-4/16	\$19.89
COMCAST	8529 10 077 0837261	4/17-5/16	\$19.88
COMCAST	8529 10 077 0837261	5/17-6/16	\$19.88

COMCAST	8529 10 077 0830852	10/9-11/8	\$11.19
COMCAST	8529 10 077 0830852	11/9-12/8	\$11.89
COMCAST	8529 10 077 0830852	12/9-1/8	\$11.19
COMCAST	8529 10 077 0830852	1/9-3/8	\$24.21
COMCAST	8529 10 077 0830852	3/9-4/8	\$11.40
COMCAST	8529 10 077 0830852	4/9-5/8	\$11.40
COMCAST	8529 10 077 0830852	5/9-6/8	\$11.40
COMCAST	8529 10 077 0830852	6/9-7/8	\$12.10

COMCAST	8529 10 076 1516528	9/30-11/29	\$339.80
COMCAST	8529 10 076 1516528	11/30-12/29	\$164.90
COMCAST	8529 10 076 1516528	12/30-2/29	\$355.80
COMCAST	8529 10 076 1516528	3/1-3/29	\$167.90
COMCAST	8529 10 076 1516528	3/30-4/29	\$167.90
COMCAST	8529 10 076 1516528	4/30-5/29	\$167.90
COMCAST	8529 10 076 1516528	5/30-6/29	\$177.90

COMCAST TOTAL \$4,111.28

Verizon		9/24-10/23	\$391.53
Verizon		10/24-11/23	\$391.51
Verizon		11/24-12/23	\$391.82
Verizon		12/24-1/23	\$391.84
Verizon		1/24-2/24	\$391.69
Verizon		2/24-3/23	\$391.67
Verizon		3/24-4/23	\$391.85
Verizon		4/24-5/23	\$391.56
Verizon		5/24-6/23	\$391.87

VERIZON TOTAL \$3,525.34

Macomb County	Personnel	10/1-12/31	\$27,713.92
Macomb County	Equipment Use	10/1-12/31	\$2,665.99
Macomb County	Personnel	1/1-3/31	\$28,410.14
Macomb County	Equipment Use	1/1-3/31	\$2,680.74
Macomb County	Personnel	4/1-6/30	\$21,979.35
Macomb County	Equipment Use	4/1-6/30	\$2,149.65
People Driven Technology	INV11064		\$349.65
People Driven Technology	INV10013		\$228.59
People Driven Technology	INV8725		\$170.01

VENDORS \$86,348.04

TOTAL DUE FROM OMID \$93,984.66



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

8/7/2024

Project Invoice # 65 (ASI Inv. 8854)

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: 6/30/24-7/27/24

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>
	Previous Amount Invoiced:	
	Total Invoiced To-Date	
	Contract Task Total:	
	Amount Remaining:	

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:	\$ 20,535.00
	Subconsultants:	
	NTH Consultants	\$ 26,819.53
	Metco Services	\$ 4,660.00
	FK Engineering:	\$ 4,619.25
	ASI Markup 5%:	\$ 1,804.94
	Direct Expenses:	\$ -
	Total Due This Invoice:	<u>\$ 58,438.72</u>
	Previous Amount Invoiced:	

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>

Summary		
Total Due This Invoice Tasks #1-6:		\$ 58,438.72
Amount Invoiced to Date Tasks #1-6:		\$ 5,433,846.41
Total Due This Invoice MCC Incident (separate invoice):		\$ -
Amount Invoiced to date for MCC Incident (separate invoice):		\$ 67,431.59
Total Due This Invoice Pump Issues (separate invoice):		\$ -
Amount Invoiced to date for Pump Issues (separate invoice):		\$ 25,680.00
Total Invoiced To-Date:		\$ 5,526,958.00
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>\$ 689,125.60</u>



Applied Science, Inc.

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

9/5/2024

Project Invoice # 66 (ASI Inv. 8871)

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: 7/28/24-8/31/24

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>
	Previous Amount Invoiced:	
	Total Invoiced To-Date	
	Contract Task Total:	
	Amount Remaining:	

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:	\$ 28,320.50
	Subconsultants:	
	NTH Consultants	\$ 31,427.67
	Metco Services	\$ 9,270.00
	FK Engineering:	\$ 5,815.50
	ASI Markup 5%:	\$ 2,325.66
	Total Due This Invoice:	<u>\$ 77,159.33</u>
	Previous Amount Invoiced:	

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>

Summary		
Total Due This Invoice Tasks #1-6:		<u>\$ 77,159.33</u>
Amount Invoiced to Date Tasks #1-6:		\$ 5,511,005.73
Total Due This Invoice MCC Incident (separate invoice):		<u>\$ -</u>
Amount Invoiced to date for MCC Incident (separate invoice):		\$ 67,431.59
Total Due This Invoice Pump Issues (separate invoice):		<u>\$ -</u>
Amount Invoiced to date for Pump Issues (separate invoice):		\$ 25,680.00
Total Invoiced To-Date:		\$ 5,604,117.33
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>\$ 611,966.27</u>



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

Invoice: 1467406
Date: 08/13/2024
Client: 30164
Matter: 463149

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

Matter Name: Construction Dispute - Walsh Construction

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH JULY 31, 2024

Total Fees:	\$	2,205.00
Total Due This Invoice:	\$	2,205.00



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

Invoice: 1467408
Date: 08/13/2024
Client: 30164
Matter: 490169

84917-6010101-149015-731073-2603- 1-3308-LEGAL - Ch. 21 - CON9318

Matter Name: North Interceptor East Arm

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH JULY 31, 2024

Total Fees:	\$	3,465.00
Total Due This Invoice:	\$	3,465.00



Knowledgeable • Professional • Attentive • Likeable

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

Invoice No. 242112

Date: 01/31/2024

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

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

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

Contact: Terry Moore **P.O.#** WO# 1097 NEPS **Salesperson:** Kevin Livingston **Due Date:** 03/01/2024

Description	Unit	Quantity	Price	Amount
Delivered Spare Oil to NEPS Tech 2	Hours	2.00	175.00	350.00
Pails of Chevron Rondo HD22	5GAL	4.00	144.50	577.99

Notes:
Field Service Sheets Enclosed

ACH PAYMENTS:
HESCO GROUP LLC
Bell Bank
3100 13th Avenue South
Fargo, ND 58103
Account# 6521465341
ABA (Routing #) 091310521
SWIFT Code BSTTUS44

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

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

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

OUR TAX ID HAS CHANGED!
EIN: 93-3969817

Non-Taxable Amount:	927.99
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	927.99
Retention:	0.00
Payments/Credits:	0.00
Amount Due	927.99



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

Invoice No. 242418

Date: 07/22/2024

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

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

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

Contact: Terry Moore P.O.# WO# 1211 CS-9 Salesperson: John Sullens Due Date: 08/21/2024

Description	Unit	Quantity	Price	Amount
WO# 1211 CS-9, July 19, 2024 Senior Tech	Hours	3.00	195.00	585.00

Notes:

TM-8-9-24

ACH PAYMENTS:
HESCO GROUP LLC
Bell Bank
3100 13th Avenue South
Fargo, ND 58103
Account# 6521465341
ABA (Routing #) 091310521
SWIFT Code BSTTUS44

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

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

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

OUR TAX ID HAS CHANGED!
EIN: 93-3969817

Non-Taxable Amount:	585.00
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	585.00
Retention:	0.00
Payments/Credits:	0.00
Amount Due	585.00



Knowledgeable • Professional • Attentive • Likeable

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

Invoice No. 242474

Date: 08/26/2024

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

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

Contact: Terry Moore **P.O.#** WO# 1261 CS-8 **Salesperson:** John Sullens **Due Date:** 09/25/2024

Description	Unit	Quantity	Price	Amount
WO# 1261 CS-8, August 13, 2024				
Senior Tech	Hours	5.50	195.00	1,072.50
Tech 1	Hours	5.50	185.00	1,017.50
Tech 2	Hours	5.50	175.00	962.50
Ventilation Support (Subcontracted) 1 Day	Day	1.00	2,887.50	2,887.50
Daily Rate=2,750+5% markup				

Notes:

TM-8-26-24

ACH PAYMENTS:
HESCO GROUP LLC
Bell Bank
3100 13th Avenue South
Fargo, ND 58103
Account# 6521465341
ABA (Routing #) 091310521
SWIFT Code BSTITUS44

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

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

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

OUR TAX ID HAS CHANGED!
EIN: 93-3969817

Non-Taxable Amount:	5,940.00
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	5,940.00

Retention:	0.00
Payments/Credits:	0.00
Amount Due	5,940.00

**INLAND LAKES LANDSCAPING
CORP.**

560 S TELEGRAPH RD
PONTIAC, MI 48341-2375 US
(248) 338-8088
inlandlakes@comcast.net

Invoice 24755

BILL TO
OCWRC
C/O George Nichols
One Public Works Dr, Building
95 West
Waterford, MI 48328

DATE 08/13/2024	PLEASE PAY \$1,825.00	DUE DATE 08/13/2024
---------------------------	--	-------------------------------

P.O. NUMBER
Oakland Macomb Toepfer Site

82912-155020-730373-4436-ch. 21 - v # 16044

DATE	DESCRIPTION	QTY	RATE	AMOUNT
	Service			
	LS Vegetation Maintenance:	1	1,825.00	1,825.00
	7/19/24 - Applied Herbicide Treatment to kill vegetation			0.00
	8/7/24 - Mow, Trim Brush, Clean-up debris from site.			0.00

TOTAL DUE **\$1,825.00**

THANK YOU.

Invoice



Jacobs Consultants, Inc.

Invoice No.: C6A19900-16
 Invoice Date: 8/6/2024
 Jacobs Project No.: C6A19900
 Services From: 3/30/2024
 Services Through: 7/26/2024

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

82912-149667-730639-1-17059-ENGCONSULT

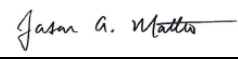
Attn: Mr. Joel Brown, P.E.

Project Description: OMID Odor and Corrosion Control Facilities

Task Number	Task Description	Budget Total	Previously Invoiced	Current Invoice	Project to Date	Remaining Budget
Task 1	Additional Investigation/Modeling	\$ 226,151.90	\$ 226,489.81	\$ -	\$ 226,489.81	\$ (337.91)
Task 2	Basis of Design	\$ 122,605.02	\$ 122,303.64	\$ -	\$ 122,303.64	\$ 301.38
Task 3	ST-S-3 Vapor-Phase Treatment System - Subtask 3.1 - Design	\$ 276,371.00	\$ 276,367.83	\$ -	\$ 276,367.83	\$ 3.17
	ST-S-3 Vapor-Phase Treatment System - Subtask 3.2 - Bidding	\$ 17,154.74	\$ 17,150.52	\$ -	\$ 17,150.52	\$ 4.22
Task 4	CS-6 Pump Station Vapor-Phase System - Subtask 4.1 - Design	\$ 191,218.29	\$ 96,755.18	\$ -	\$ 96,755.18	\$ 94,463.11
	CS-6 Pump Station - Vapor-Phase System Subtask 4.2 - Bidding	\$ 15,612.91	\$ 15,604.83	\$ -	\$ 15,604.83	\$ 8.08
Task 5	CS-8 and ST-S-1 Local Odor Control - Subtask 5.1 - Design	\$ 80,199.91	\$ 80,194.04	\$ -	\$ 80,194.04	\$ 5.87
	CS-8 and ST-S-1 Local Odor Control - Subtask 5.2 - Bidding	\$ 12,829.09	\$ 12,784.70	\$ -	\$ 12,784.70	\$ 44.38
Task 6	Design Emergency Relief Valves for CS-9 High Pressures	\$ 21,081.00	\$ 21,071.61	\$ -	\$ 21,071.61	\$ 9.39
Task 7	Construction Ventilation Coordination	\$ 11,194.00	\$ 11,117.15	\$ -	\$ 11,117.15	\$ 76.85
Task 8	OMIDDD Progress Meeting Correction	\$ 32,868.00	\$ 32,865.66	\$ -	\$ 32,865.66	\$ 2.34
Task 9	Monthly Design Coordination Meetings Correction	\$ 46,767.00	\$ 46,750.01	\$ (14.60)	\$ 46,735.41	\$ 31.59
Task 10	Construction Administration	\$ 850,922.00	\$ -	\$ 9,161.26	\$ 9,161.26	\$ 841,760.74
Task 11	Resident Project Engineer	\$ 180,398.00	\$ -	\$ -	\$ -	\$ 180,398.00
Task 12	Post-Construction Services	\$ 144,988.00	\$ -	\$ -	\$ -	\$ 144,988.00
Task 13	Reimbursement of Permitting Fees	\$ 11,943.00	\$ -	\$ 11,673.12	\$ 11,673.12	\$ 269.88
	Total	\$ 2,242,303.86	\$ 959,454.98	\$ 20,819.78	\$ 980,274.76	\$ 1,262,029.09

Previously Invoiced \$959,454.98
 Total This Invoice: \$20,819.78
 Total Invoiced To Date: \$980,274.76
 Budget Amount: \$2,242,303.86
 Remaining Amount USD: \$1,262,029.09

Outstanding Invoices					
Date	Invoice No.	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding

Signed 
 Jason Matteo
 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 (USD): 4451457732



KENNEDY INDUSTRIES

INNOVATE
SOLVE
MONITOR
REPAIR

INVOICE		
DATE	NUMBER	PAGE
7/5/2024	642563	1 of 1

B OMI100
I OAKLAND MACOMB INTERCEPTOR DRA
L 1 PUBLIC WORKS DR.
L SUBMIT INVOICES TO NEXGEN
T WATERFORD, MI 48328 **82912-6010101-149090-730660-5825-**
O **Ch. 21 - v#239- exp 6/30/25**

S NORTH EAST PUMPING STATION
H 11001 E. STATE FAIR AVE
I DETROIT, MI 48234
P
T
O

ATTENTION:
TERRY MOORE 313-8297207 TMOORE@METCOSERVICES.COM

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
5825	0118330	GREAT LAKES WATER AUTHORITY, NORTHEAST PUMPING STATION, MONTHLY, PREVENTATIVE MAINTENANCE	SAH/PM	FIELD SERVICE	NET 60

QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
B/O	Ship				

0.00	1.00	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (1) FIELD SERVICE TECHNICIAN ONSITE ON 07/01/2024. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$1,243.04	\$1,284.04
------	------	-------------------	---	------------	------------

TOTAL REFLECTS THE BELOW:

(3) HOURS OF LABOR X \$146.00 = \$438.00

MILEAGE: \$66.00

FUEL SURCHARGE:\$49.50

PARTS: 599.60 X 15% = 689.54
ROYAL PURPLE GREASE

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

TM 8-26-24

<p>This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 6/2023) and Customer Warranty available at www.kennedyind.com which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website</p> <p>*TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE *A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE *CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE</p>	SUBTOTAL:	\$1,243.04
	TAX:	\$0.00
	TOTAL:	\$1,243.04

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

www.KennedyInd.com



KENNEDY
INDUSTRIES

INNOVATE
SOLVE
MONITOR
REPAIR

INVOICE		
DATE	NUMBER	PAGE
7/29/2024	642819	1 of 1

B OMI100
I OAKLAND MACOMB INTERCEPTOR DRA
L 1 PUBLIC WORKS DR.
L SUBMIT INVOICES TO NEXGEN
T WATERFORD, MI 48328
O

S NORTH EAST PUMPING STATION
H 11001 E. STATE FAIR AVE
I DETROIT, MI 48234
P
T
O

**82912-6010101-149090-730660-5825-
Ch. 21 - v#239- exp 6/30/25**

ATTENTION:

TERRY MOORE 313-8297207 TMOORE@METCOSERVICES.COM

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
NA	0125326	GREAT LAKES WATER AUTHORITY, NEPS, FIELD SERVICE, SANITARY	SAH/CAG	FIELD SERVICE	NET 60

QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
B/O	Ship				

0.00	1.00	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (1) FIELD SERVICE TECHNICIAN(S) ONSITE ON 6/28/2024 AND (2) FIELD SERVICE TECHNICIANS ONSITE ON 7/8/2024 & 7/9/2024. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$6,423.10	\$6,423.10
------	------	-------------------	---	------------	------------

TOTAL REFLECTS THE BELOW:

(34.5) HOURS OF LABOR X \$146.00 = \$5,037.00

(4) HOURS OF LABOR X \$219.00 = \$876.00

MILEAGE: \$198.00

FUEL SURCHARGE:\$148.50

PARTS USED ONSITE: \$142.26x15% = 163.60

(1) LIP SEAL

TM-8-12-24

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

<small>This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Revised 2023) and Customer Warranty available at www.kennedyind.com which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website.</small> *TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE *A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE *CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE	SUBTOTAL:	\$6,423.10
	TAX:	\$0.00
	TOTAL:	\$6,423.10

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

www.KennedyInd.com




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

Pay invoices online at www.lardnerelevator.com

WO 1242

INVOICE

202055

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

Jul 01, 2024	Upon Receipt	Detroit Route	4746
202055		LECO	Maintenance

1.00	Elevator Maintenance Service for July, 2024	No	Each	204.00	\$204.00
Elevator Maintenance Service for July, 2024					
<i>TM-8-9-24</i>					
					\$0.00
					\$204.00
					\$204.00
					\$0.00
					\$204.00

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



Lardner Elevator Company
729 Meldrum
Detroit, MI 48207

Account # 00-6642-2
Northeast Pump Station

Invoice # 202055

Amount \$ 204.00

Paid \$



INVOICE NO. 1811-68 DATE: September 4, 2024

METCO PROJECT NO. 1811 INVOICE PERIOD: 08/05 thru 09/01/2024

Contract ID 0000000000000000000005517

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)

Table with 5 columns: Name, Title, Hrs., Rate/Hr., Amount. Rows include Raj Vijayendran, PE, Terry Moore, Darrin Green, Anthony Vozza, Rosana Santos. Subtotal OMID Operatons: \$ 17,064.00

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

Table with 5 columns: Name, Title, Hrs., Rate/Hr., Amount. Rows include Raj Vijayendran, PE, Terry Moore, Darrin Green, Anthony Vozza, Rosana Santos. Subtotal NEPS Operations \$ 17,187.92

Subtotal Operations \$ 34,251.92

Maintenance & Asset Management

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

Table with 5 columns: Name, Title, Hrs., Rate/Hr., Amount. Rows include Terry Moore, Daniel Martel, Shailesh Patel, Anthony Vozza, Darrin Green, Sweta Soni, Youstina Gaid. Subtotal OMID Maintenance: \$ 6,138.00

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

<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	36.0	\$ 162.00	\$ 5,832.00
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Daniel Martel	Sr. Project Coordinator	0.0	\$ 152.25	\$ -
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	87.0	\$ 102.00	\$ 8,874.00
Darrin Green	Staff Engineer-(Overtime)	2.0	\$ 153.00	\$ 306.00
Anthony Vozza	Staff Engineer	76.0	\$ 102.00	\$ 7,752.00
Anthony Vozza	Staff Engineer-(Overtime)	16.0	\$ 153.00	\$ 2,448.00
Abhishek Shah	Staff Engineer	0.0	\$ 102.00	\$ -
Sweta Soni	Designer/Drafter	0.0	\$ 101.00	\$ -
Keli Mills	Administrative Assoc.	0.0	\$ 77.48	\$ -
	Subtotal:			\$ 27,018.00
	Maintenance Services (see attached invoices):			\$ 1,815.12
	Subtotal NEPS Maintenance:			\$ 28,833.12
	Subtotal Maintenance:			\$ 34,971.12

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

<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	14.0	\$ 152.25	\$ 2,131.50
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	126.0	\$ 102.00	\$ 12,852.00
Brandon Brochue	Designer/Drafter	0.0	\$ 101.00	\$ -
	Subtotal Maintenance:			\$ 14,983.50

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: \$ 84,206.54



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 1262

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	8/28/2024	9/5/2024	95917

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	\$270.00	-	\$270.00	\$270.00	-	-
Totals:		\$270.00		\$270.00	\$270.00		
Less Retained:				-			
Invoice Total:				\$270.00			

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 8/26/2024 & 8/28/2024

TM-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 CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

WO 1263

INVOICE

0111D
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	8/15/2024	9/5/2024	95918

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	\$405.00	-	\$405.00	\$405.00	-	-
Totals:		\$405.00		\$405.00	\$405.00		
Less Retained:				-			
Invoice Total:				\$405.00			

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 8/12/24 & 8/15/24

TM-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 CONTROLS SOLUTIONS

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

WO 1266

INVOICE

●MID
 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	8/28/2024	9/5/2024	95919

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	T&I SERVICES SCADA	\$701.17	-	\$701.17	\$701.17	-	-
Totals:		\$701.17		\$701.17	\$701.17		
Less Retained:				-			
Invoice Total:				\$701.17			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORTS

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

WORK PERFORMED 8/15/24, 8/28/24, 8/29/24

TM-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."



NTH Consultants, Ltd.

Infrastructure Engineering
and Environmental Services

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

Invoice # : 636937
Project : 61210495
Invoice Group :
Invoice Date : 9/4/2024

Attention: Joel Brown, P.E.

For Professional Services Rendered from 11/18/2023 - 8/23/2024

Authorization per Engineering Work Order D 439 date 12/03/2021
82912-149662-730639-Cont#1-2603 Exp (12/31/21-Rev)
82912- 6010101- 149662-730639- 2603 - Ch.21 - v# 4716 - li #24138 - exp. 12/31/23

Additional OMID NESPS Maintenance Engineering Services

Task 01	NESPS Health and Safety Audit	\$8,651.75
Task 02	Control Structure 6 (CS-6) Emergency Bypass System Design	\$72,250.46
Task 03	Wet Wall Screen Cleaning Equipment	\$7,366.85
Task 04	Control Structure Gate Inspection	\$9,747.94

Preliminary Budget Amount \$98,017.00
Percent Complete: 99.16%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 140.17	\$ 21,198.26
Overhead %	188.00	263.52	39,852.73
Total Regular Labor Expense		403.69	61,050.99
Total Direct Labor		403.69	61,050.99
Profit / Fixed Fee %	12.00	48.44	7,326.11
Direct Expenses Charge		5.71	529.31
Expense Multiplier %	5.00	0.29	26.48
Direct Subcontractor Charge		0.00	26,662.90
Subcontractor/Subconsultant Multiplier %	6.00	0.00	1,599.78
Total Other Direct Charges Reimbursables		6.00	28,818.47
Total Costs:		458.13	97,195.57
Total Due This Invoice		\$ 458.13	\$ 97,195.57



**849174-6010101-149015-731458-8173-1-3309-Ch. 21 -
v#4716-li#24138**

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

Invoice # : 636938
Project : 61-200280
Invoice Group : CMT
Invoice Date : 9/4/2024

Attention: Joel Brown, P.E.

For Professional Services Rendered from **7/20/2024 - 8/23/2024**

Provide Engineering and Consulting Services regarding NESPS Pumping and Electrical System Upgrade (D-421) & (D-462)

Task 01	CMT Services	\$189,674.00
Task 02	Tnemec Coating Observation	-
	Preliminary Budget Amount	\$189,674.00
	Percent Complete:	92.64%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 514.27	\$ 44,849.24
Overhead %	188.00 966.83	84,316.55
Total Regular Labor Expense	1,481.10	129,165.79
Total Direct Labor	1,481.10	129,165.79
Profit / Fixed Fee %	12.00 177.73	15,499.90
Direct Expenses Charge	142.86	24,209.00
Expense Multiplier %	5.00 7.14	1,210.45
Direct Subcontractor Charge	0.00	5,302.50
Subcontractor/Subconsultant Multiplier %	6.00 0.00	318.15
Direct Unit Rate Charge	0.00	0.00
Total Other Direct Charges Reimbursables	150.00	31,040.10
Total Costs:	1,808.82	175,705.79
Total Due This Invoice	\$ 1,808.83	\$ 175,705.79



**81917-6010101-149015-730639-2603-1-3308-Ch. 21- v#4716-
li#24138 - exp 12/31/25**

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

Invoice # : 636942
Project : 61-200186
Invoice Group : **
Invoice Date : 9/4/2024

Attention: Joel Brown, P.E.

For Professional Services Rendered from **7/20/2024** - **8/23/2024**

Provide Engineering Services for OMID NI-EA Contract No.1 PCI-4 Rehabilitation Project and CS-9 Gate Installation Project D-425 and D-457

Task 01	NI-EA OMID Contract No. 1 CCA	\$2,939,467.00
Task 02	OMID CS-9 Gate CCA	\$217,468.00
	Preliminary Budget Amount	\$3,156,935.00
	Percent Complete:	100.00%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 1,324.63	\$ 753,291.91
Overhead %	188.00 2,490.30	1,416,188.81
Total Regular Labor Expense	3,814.93	2,169,480.72
Total Direct Labor	3,814.93	2,169,480.72
Profit / Fixed Fee %	12.00 457.79	260,337.68
Direct Expenses Charge	0.00	70,086.70
Expense Multiplier %	5.00 0.00	3,504.34
Direct Subcontractor Charge	0.00	616,515.82
Subcontractor/Subconsultant Multiplier %	6.00 0.00	36,991.04
Direct Unit Rate Charge	0.00	0.00
Total Other Direct Charges Reimbursables	0.00	727,097.90
Total Costs:	4,272.72	3,156,916.30
Total Due This Invoice	\$ 4,272.72	\$ 3,156,916.30



NTH Consultants, Ltd.
 Infrastructure Engineering
 and Environmental Services

**84918-149015-730639-PRJ-17408-1-ENG_CONSULT-
 WDCCON8173**

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

Invoice # : 636944
Project : 23001693
Invoice Group : **
Invoice Date : 9/4/2024

Attention: Jen Cook, P.E.

For Professional Services Rendered from 7/20/2024 - 8/23/2024

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:	53.42%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	30,931.64	\$ 195,962.00
Overhead %	188.00 58,151.48	368,408.55
Total Regular Labor Expense	89,083.12	564,370.55
Total Direct Labor	89,083.12	564,370.55
Profit / Fixed Fee %	12.00 10,689.97	67,724.47
Direct Expenses Charge	4,084.10	36,095.76
Expense Multiplier %	5.00 204.20	1,804.75
Direct Subcontractor Charge	19,915.26	329,000.43
Subcontractor/Subconsultant Multiplier %	6.00 1,194.92	19,740.05
Total Other Direct Charges Reimbursables	25,398.48	386,640.99
Total Costs:	125,171.57	1,018,736.01
Total Due This Invoice	\$ 125,171.57	\$ 1,018,736.01



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

August 12, 2024

Invoice No: 03559.01 - 50

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

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

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

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

Professional Personnel

	Hours	Rate	Amount	
Zann, John	51.00	113.85	5,806.35	
Totals	51.00		5,806.35	
Total Labor				5,806.35

Additional Fees

Overhead	149.10 % of 5,806.35		8,657.27	
Profit	10.00 % of 14,463.62		1,446.36	
Total Additional Fees			10,103.63	10,103.63

Total this Sub Task \$15,909.98

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

Professional Personnel

	Hours	Rate	Amount	
Zann, John	8.00	113.85	910.80	
Totals	8.00		910.80	
Total Labor				910.80

Additional Fees

Overhead	149.10 % of 910.80		1,358.00	
Profit	10.00 % of 2,268.80		226.88	
Total Additional Fees			1,584.88	1,584.88

Total this Sub Task \$2,495.68

Total this Task \$18,405.66

Billing Limits

	Current	Prior	To-Date
Total Billings	18,405.66	687,121.71	705,527.37
Limit			880,000.00
Remaining			174,472.63

Total this Invoice \$18,405.66

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. 11

Other Business

Agenda Item No. 12

Adjourn