

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

January 15, 2025 – 11:30 a.m.

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

1. Call meeting to order

Board Members:

Brady Harrington, 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 January 15, 2025
3. Motion to approve the Drainage District Board Meeting Minutes from December 18, 2024
4. Public Comment
5. Gallagher Insurance Renewal Proposal
6. Present Memorandum regarding Rotor Electric's Change Order No. 22 for Construction of the Pump 4 VFD Replacement Project for a net increase in the amount of \$161,202.61 and approve the project estimate of \$1,407,000 to establish the project which is to be funded by the Major Maintenance Reserves
7. Motion to authorize the following Administrative Time Extensions:
 - a) Walsh Construction Contract #WDCON8765 for an additional 18 months until June 16, 2026
 - b) ASI Contract #WDCON8420 for an additional three years until December 26, 2027
8. Motion to approve the following Engineering Work Orders:
 - a) Engineering Work Order No. D-481 for NTH Consultants to increase NTH's contract #2603 for a not-to-exceed amount of \$10,000 for additional CMT services on the NESPS Pumping and Electrical Upgrades Project
9. Motion to approve the following Change Orders:
 - a) Change Order No. 48 for Walsh Construction for Construction of the Pump and Electrical Upgrades Project (NESPS) for a net increase in the amount of \$102,698.02
 - b) Change Order No. 3 for Z Contractors for the NIEA OMID Contract #2 PCI 18 & 19 Rehabilitation for a net decrease in the amount of \$382,850.00 and a time change of 41 days
10. Motion to approve the following Construction Estimates:

- a) Construction Estimate No. 51 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$ \$128,787.64
- b) Construction Estimate No. 1 for Commercial Contracting Corporation for the Odor and Corrosion Control System within the OMID in the amount of \$197,623.80 with a transfer to the Oakland County Treasurer in the amount of \$21,958.20
- c) Construction Estimate No. 2 for Commercial Contracting Corporation for the Odor and Corrosion Control System within the OMID in the amount of \$45,555.48 with a transfer to the Oakland County Treasurer in the amount of \$5,061.72

11. Status of OMID Repairs Project

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

13. Motion to approve the following invoices:

1) Labor/Fringes/Non-Direct Labor Factor			
• Segment 5 NI-EA Construction		\$	3,488.90
• Segment 5 NESPS Mech./Elect. Construction		\$	12,473.10
• NI-EA Contract #2 Construction		\$	187.72
• Odor/Corrosion System Construction		\$	1,769.74
2) Equipment Charges			
• Segment 5 NI-EA Construction		\$	84.22
• Segment 5 NESPS Mech./Elect. Construction		\$	421.78
• NI-EA Contract #3 Construction		\$	5.48
• Odor/Corrosion System Construction		\$	38.36
a) ASI			
Invoice No. 69-8984	NESPS	\$	96,647.81
b) Hesco			
1) Invoice No. 242590	O&M	\$	8,121.85
2) Invoice No. 242598	O&M	\$	6,453.85
c) Kennedy			
1) Invoice No. 643633	O&M	\$	15,096.67
2) Invoice No. 644228	O&M	\$	1,137.50
3) Invoice No. 644333	O&M	\$	3,881.00
d) Lardner			
Invoice No. 203389	O&M	\$	204.00
e) Metco			
Invoice No. 1811-72	O&M	\$	105,329.63
f) Motor City			
1) Invoice No. 96128	O&M	\$	420.00
2) Invoice No. 96129	O&M	\$	131.25
3) Invoice No. 96144	O&M	\$	961.00
4) Invoice No. 96145	O&M	\$	52.50
g) NTH Consultants, Ltd			
Invoice No. 638007	NI-EA	\$	43,578.08
h) PM Technologies			
1) Invoice No. 95183950	O&M	\$	42,636.00
2) Invoice No. 104573016	O&M	\$	350.00

	3) Invoice No. 105033457	O&M	\$	831.18
	4) Invoice No. 105110371	O&M	\$	350.00
i)	PMA Consultants Invoice No. 3559.01-54	NESPS	\$	17,781.74
j)	Rotor Electric Invoice No. 12818	O&M	\$	226,307.35

14. Other Business

15. Adjourn

Next Regular Meeting: February 19, 2025, at 11:30 a.m., Eastern Standard Time.

Agenda Item No. 3

Board Meeting Minutes from December 18, 2024

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

December 18, 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 18th day of December 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 Jim Nash, Secretary and Oakland County Water Resources Commissioner.

OTHERS PRESENT:

Representing the office of the Macomb County Public Works Commissioner: Brian Baker, Don Brown, and Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Anne Vaara, Steve Korth, Joel Brown, Jen Cook, Kelsey Cooke, and Stephanie Lajdziak. Others in attendance: Shawn Phelps and Heidi Grunwald, OC Fiscal Services; Larry Gilbert and Michelle Kitzinger, NTH Consultants; Steve Burke, MFCI; Fritz Klingler, FK Engineering; Joe Colaianne, Clark Hill; John Michalski, ASI; Terry Moore, Metco; Brady Harrington, MDARD; Richard Trembath, Meadowbrook.

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 11:33 a.m.

2. Agenda.

Motion by Miller, supported by Nash, to amend the December 18, 2024, agenda to remove Engineering Work Order No. D-483(3) for Metco Services (Agenda Item No. 6a) and to add the transmittal of electronic documents from the Secretary to the Chairperson under "Other Business".

ADOPTED:	Yeas	-	3
	Nays	-	0

3. Minutes.

Motion by Miller, supported by Nash, to approve the minutes of the November 20, 2024, meeting.

ADOPTED:	Yeas	-	3
	Nays	-	0

4. Public Comment.

None.

5. Supplemental Bond Resolution, Series 2025

Joe Colaianne with Clark Hill presented the Supplemental Bond Resolution, Series 2025 for consideration. He noted that the bonds will be sold on January 9, 2025, and to avoid any confusion

with the sale, the resolution was modified from the original, Series 2024, which was adopted at the June 2024 meeting. He advised that the only change was to rename the issue as the “Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2025”. Mr. Colaianne furthered that it would be appropriate for the Board to designate a deputy for execution of the award order if a Board member is not available for signature.

Motion by Miller, supported by Nash, to authorize a deputy to sign the award order if necessary.

ADOPTED: Yeas - 3
Nays - 0

MICHIGAN DEPARTMENT OF AGRICULTURE

AND RURAL DEVELOPMENT

In the Matter of:

Oakland-Macomb Interceptor Drain,
_____ /

**SUPPLEMENTAL RESOLUTION
AMENDING BOND RESOLUTION AUTHORIZING THE ISSUANCE OF OAKLAND-
MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT DRAIN BONDS, SERIES 2025
(GENERAL OBLIGATION LIMITED TAX)**

At a regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held on the 18th day of December 2024, at 11:30, a.m., prevailing time, at the Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan there were:

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 Jim Nash, Secretary and Oakland County Water Resources Commissioner.

ABSENT: None.

OTHERS PRESENT: Representing the office of the Macomb County Public Works Commissioner: Brian Baker, Don Brown, and Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Anne Vaara, Steve Korth, Joel Brown, Jen Cook, Kelsey Cooke, and Stephanie Lajdziak. Others in attendance: Shawn Phelps and Heidi Grunwald, OC Fiscal Services; Larry Gilbert and Michelle Kitzinger, NTH Consultants; Steve Burke, MFCI; Fritz Klingler, FK Engineering; Joe Colaianne, Clark Hill; John Michalski, ASI; Terry Moore, Metco; Brady Harrington, MDARD; Richard Trembath, Meadowbrook.

Motion by Drainage Board Member Miller, and supported by Drainage Board Member Nash, to approve the following Resolution:

WHEREAS, pursuant to the resolution adopted on June 12, 2024 by the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District (“2024 Bond Resolution”), authorized and provided for the issuance of its “Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024 (General Obligation Limited Tax)”, in the aggregate principal amount not to exceed \$11,400,000 to defray part of the costs of the Project (“Drain Bonds”); and

WHEREAS, the Drain Bonds are anticipated to be sold in calendar year 2025, and to avoid any confusion, it has been recommended by the Drainage District’s bond counsel to supplement and amend 2024 Bond Resolution to revise the title and name of the bonds from “Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024 (General Obligation Limited Tax)” to “Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2025 (General Obligation Limited Tax)” in the aggregate principal amount not to exceed \$11,400,000 to defray part of the costs of the Project; and,

WHEREAS, the Drain Bonds are to be designated as the Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2025 (General Obligation Limited Tax), in an aggregate principal amount not to exceed \$11,400,000, with such bonds expected to be issued on or about January 9, 2025, bearing interest at the rates and maturing in such amounts and at such times as may be determined pursuant to the bond authorizing resolution of the Drainage Board.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

1. The 2024 Bond Resolution is hereby supplemented and amended to revise the title and name of the bonds from “Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024 (General Obligation Limited Tax)” to “Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2025 (General Obligation Limited Tax)” in the aggregate principal amount not to exceed \$11,400,000 (the “Series 2025 Drain Bonds”) to defray part of the costs of the Project.
2. All references of “Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024 (General Obligation Limited Tax)” in the 2024 Bond Resolution, shall be revised to read as “Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2025 (General Obligation Limited Tax)” on all documents required for the issuance of the bonds, including but not limited to the bond form, and proposed Official Notice of Sale.
3. Except as to the foregoing amendment, all other conditions set forth in 2024 Bond Resolution, shall remain in full force and effect.
4. That this resolution shall become effective immediately upon its adoption.

A roll-call vote on the foregoing resolution was taken and was as follows:

YES: 3

NO: 0

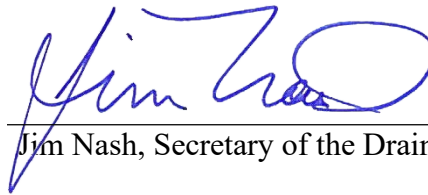
ABSTAIN: 0

The resolution was declared adopted.

CERTIFICATION OF PROCEEDINGS

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of a resolution adopted at a meeting of the Drainage Board for 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 December 18, 2024; that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, as the same may be or has been expanded, extended, supplemented or replaced from time to time and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

DATED: December 18, 2024



Jim Nash, Secretary of the Drainage Board

6. Engineering Work Order.

The following Engineering Work Order was submitted to the Board for approval:

- a) Engineering Work Order No. D-479(3) for NTH Consultants to increase contract #2603 by a not-to-exceed amount of \$13,200 to finalize design documents and required easement coordination related to the CS-6 Emergency Bypass System. Motion by Miller, supported by Nash, to approve Engineering Work Order No. D-479(3) as presented.

ADOPTED: Yeas - 3
Nays - 0

7. Construction Pay Estimates.

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

- a) Construction Estimate No. 50 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$653,433.53 with a transfer to the Oakland County Treasurer in the amount of \$972.58. Motion by Miller, supported by Nash, to approve Construction Estimate No. 50 as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) Construction Estimate No. 16 for Z Contractors for NI-EA Contracts 2A and 2B – PCI 18 and 19 Rehabilitation in the amount of \$219,034.60 with a reserve payment to the contractor in the amount of \$199,451.27. Motion by Miller, supported by Nash, to approve Construction Estimate No. 16 as presented.

ADOPTED: Yeas - 3

Nays - 0

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

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

ADOPTED: Yeas - 3
Nays - 0

9. Financial Reports.

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

ADOPTED: Yeas - 3
Nays - 0

10. Invoices.

1) Labor/Fringes/Non-Direct Labor Factor			
• Segment 5 NI-EA Construction		\$	4,219.63
• Segment 5 NESPS Mech./Elect. Construction		\$	9,071.65
2) Equipment Charges			
• Segment 5 NI-EA Construction		\$	89.95
• Segment 5 NESPS Mech./Elect. Construction		\$	252.02
3) Reimbursement			
• Macomb Invoice No. AR24001536		\$	25,864.69
a) Clark Hill			
Invoice No. 1511484	NESPS	\$	14,280.00
b) CSM			
Invoice No. 4157	O&M	\$	15,695.66
c) Jacobs			
Invoice No. C6A19900-19	O&M	\$	47,853.24
d) Kennedy			
Invoice No. 643739	O&M	\$	626.50
e) Lardner			
Invoice No. 203075	O&M	\$	204.00
f) Metco			
Invoice No. 1811-71	O&M	\$	69,634.54
g) Motor City			
1) Invoice No. 96049	O&M	\$	262.50
2) Invoice No. 96086	O&M	\$	120,000.00
h) NTH Consultants, Ltd			
1) Engineering/Consulting Services PCI-18 and PCI-19 Rehab.			
Invoice No. 637766	NI-EA	\$	55,970.15
2) Engineering/Consulting Services NESPS Pumping and Electrical Systems Upgrade			
Invoice No. 637767	NESPS	\$	6,990.97

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

ADOPTED: Yeas - 3
Nays - 0

11. NESPS Rehabilitation Projects Dedication

Joel Brown presented the draft plaque for those who have been instrumental in the NESPS Rehabilitation Projects. Discussion ensued as to additional names that should be added. It was noted that no action needs to be taken at this time regarding the plaque.

12. Other Business.

Brady Harrington advised that MDARD is beginning their transition to digital copies of their records and asked the Secretary to help with the transition. It was advised that the Secretary will help, and forward digital copies of any records needed.

Additionally, Chairperson Gregg was presented with a proclamation commemorating his service and dedication to the Drainage District. The Board extended their appreciation and wished him the best in his retirement.

13. Adjourn.

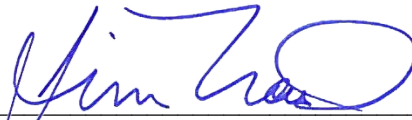
Motion by Nash, supported by Miller, to adjourn the December 18, 2024, meeting at 12:43 p.m.

ADOPTED:	Yeas	-	3
	Nays	-	0

Next Regular Meeting: *Office of the Oakland County Water Resources Commissioner, One Public Works Drive, Building 95 West, Waterford, Michigan* and electronically at 11:30 a.m., Eastern Standard Time on January 15, 2025.

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 December 18, 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 18th day of December 2024.



Jim Nash, Secretary
Oakland-Macomb Interceptor Drain Drainage Board

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Insurance Renewal Proposal



Proposal of Insurance

Oakland-Macomb Interceptor Drain Drainage District (OMIDD)

1 Public Works Drive, Bldg 95 West
Waterford, MI 48328

Presentation Date: January 15, 2025

Arthur J Gallagher Risk Management Services, LLC
AJG License Nos. IL 100292093 / CA 0D69293



Gallagher

Insurance | Risk Management | Consulting

Oakland-Macomb Interceptor Drain Drainage District (OMIDD)

Named Insured

Named Insured	Oakland-Macomb Interceptor Drain Drainage District (OMIDD)
Property	X
General Liability	X
Public Officials Liability	X
Excess Liability - \$10M X \$1M	X
Excess Liability - \$10M X \$10M	X
Excess Liability - \$5M x \$20M	X
Excess Liability - \$5M X 25M	X
Environmental Liability	X

Note: Any entity not named in this proposal may not be an insured entity. This may include affiliates, subsidiaries, LLCs, partnerships, and joint ventures.

Renewal Program Executive Summary

Property Insurance Summary		
	Expiring Program	Renewal Program
Term	1/25/2024-2025	1/25/2025-2026
Carrier	Chubb	Chubb
Form Type	Engineered Risk Property	Engineered Risk Property
Loss Limit	\$175,000,000	\$100,000,000
Total Insurable Value	\$694,356,734	\$694,356,734
ENR TIV Increase %	1.49%	0.00%
Rate Change %	5.5%	n/a
Deductible	\$3,000,000	\$5,000,000
Annual Premium	\$447,135	\$409,087
Total Premium Change (includes TIV and Rate)	9.9%	-8.50%
Underground Property	Covered	Covered
Flood Coverage (Non-Flood Zone)	\$150,000,000	\$100,000,000
Flood Coverage - (Flood Zones: A, AE, A1-A30, AH, AO, AR, A99, AR/A, AR/AH, AR/AO, AR/A1-A30, B-Protected, D, V, VE, V1-V30 and Shaded X-Protected)	\$10,000,000	\$10,000,000
Earth Movement	\$25,000,000	\$25,000,000



Oakland-Macomb Interceptor Drain Drainage District (OMIDD)

Renewal Program Executive Summary (cont.)

General Liability, Public Officials Liability, and Umbrella Liability Summary		
	Expiring Program	Renewal Program
Term	1/24/2024-2025	1/24/2025-2026
Primary Carrier	Liberty Mutual	Liberty Mutual
Form Type	Occurrence	Occurrence
Primary Limit	\$1,000,000	\$1,000,000
1st Excess Limit	\$10,000,000	\$10,000,000
2nd Excess Limit	\$10,000,000	\$10,000,000
3rd Excess limit	\$5,000,000	\$5,000,000
4th Excess limit	\$5,000,000	\$5,000,000
Limits	\$31,000,000 (Combined General Liability and Public Officials)	\$31,000,000 (Combined General Liability and Public Officials)
Retention	\$250,000	\$250,000
Primary Premium	\$225,051	\$248,331
1st Excess Premium	\$19,814	\$22,056
2nd Excess Premium	\$74,153	\$80,487
3rd Excess Premium	\$34,751	\$36,006
4th Excess Premium	\$23,251	\$23,773
Premium	\$377,020	\$410,653
Percentage Change		8.9%
<u>Defense Costs</u>	GL - Outside the limit, POL - Inside the limit	GL - Outside the limit, POL - Inside the limit
<u>Duty to Defend</u>	Right and Duty	Right and Duty
<u>How Limits Apply</u>	Shared Aggregate Excess	Shared Aggregate Excess
<u>Backup Exclusion - Backup or overflow of any sewer line installed, owned, maintained and/or serviced by you.</u>	Excluded	Excluded
<u>Earth Movement (Subsidence) Exclusion - applies to Property Damage liability only (does not exclude Bodily Injury)</u>	No Exclusion for Bodily Injury or Property Damage	No Exclusion for Bodily Injury or Property Damage
Environmental Liability Insurance Summary		
	Expiring Program	Renewal Program
Term	1/24/2024-2025	1/24/2025-2026
Primary Carrier	Ace American Insurance Co.	Ace American Insurance Co.
Form Type	Claims-Made	Claims-Made
Retro Date	1/25/2017 (NESPS 1/25/2019)	1/25/2017 (NESPS 1/25/2019)
Retention	\$250,000	\$250,000
Limit	\$5,000,000	\$5,000,000
Premium	\$68,428	\$69,962



Oakland-Macomb Interceptor Drain Drainage District (OMIDD)

Premium Summary

The estimated program cost for the options are outlined in the following table:

Line of Coverage		Expiring	Renewal Option
		The First Liberty Insurance Corporation	The First Liberty Insurance Corporation
General Liability & Public Officials Liability	Premium	\$225,051	\$248,331
	Estimated Cost*	\$225,051	\$248,331
	Change (\$)		\$23,280
	Change (%)		10.3%
		Liberty Insurance Corporation	Liberty Insurance Corporation
Excess Liability - \$10M X \$1M	Premium	\$19,814	\$22,056
	Estimated Cost*	\$19,814	\$22,056
	Change (\$)		\$2,242
	Change (%)		11.3%
		Merchants National Insurance Company	Merchants National Insurance Company
Excess Liability - \$10M X \$10M	Premium	\$74,153	\$80,487
	Estimated Cost*	\$74,153	\$80,487
	Change (\$)		\$6,334
	Change (%)		8.5%
		Old Republic Union Insurance Company	Old Republic Union Insurance Company
Excess Liability - \$5M x \$20M	Premium	\$34,751	\$36,006
	Estimated Cost*	\$34,751	\$36,006
	Change (\$)		\$1,255
	Change (%)		3.6%
		Third Coast Insurance Company	Third Coast Insurance Company
Excess Liability - \$5M X 25M	Premium	\$23,251	\$23,773
	Estimated Cost*	\$23,251	\$23,773
	Change (\$)		\$522
	Change (%)		2.2%
		ACE American Insurance Company	ACE American Insurance Company
Property	Premium	\$447,135	\$409,087
	Estimated Cost*	\$447,135	\$409,087
	Change (\$)		\$22,430
	Change (%)		-8.5%
		ACE American Insurance Company	ACE American Insurance Company
Environmental Liability	Premium	\$68,428	\$69,962.00
	Estimated Cost*	\$68,428	\$69,962.00
	Change (\$)		\$1,534
	Change (%)		2.2%
Total Cost**		\$892,583	\$889,702

*Estimated Cost includes all taxes, fees, surcharges and TRIA premium (if applicable)

** Total Premium is decreasing by \$2,881 or -0.3% over the expiring term.

Agenda Item No. 6

Pump 4 VFD Replacement



Oakland-Macomb Interceptor Drain Drainage District

**TO: Brady Harrington, Chairperson
Oakland-Macomb Interceptor Drain Drainage Board**

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

**SUBJECT: Approval of Rotor Change Order for Pump 4 VFD Replacement Work and
Approval of the Pump 4 VFD Replacement Project Cost Estimate**

DATE: January 15, 2025

As the Board is aware, the Pump 4 VFD failure on August 12, 2023 ultimately drove the need to replace the VFD due to the high cost of repair and comparable lead times between a new Toshiba VFD and an Eaton repair to the existing VFD. Due to time considerations, Rotor was retained under maintenance contract #WDCON8629 to facilitate the procurement and installation of the new VFD. Rotor's contract has insufficient funds to cover the total cost of the replacement, which is \$1,161,202.61. Accordingly, the attached Change Order has been generated in the amount of \$1,161,202.61 to increase the contract value to cover the cost of this work.

Additionally, due to the substantial cost and size of this work, we believe that the associated costs should be contained under a project. This ensures the costs can be collectively tracked and that associated record documents can be filed under this project for future reference. There is also additional NESPS network cabinet work that needs to be performed along with procurement and installation of a new CP-4 panel for the new VFD to interface properly, collectively totaling \$179,177. These effort should also be tied to the project. Accordingly, the attached project estimate has been created with these costs along with a 5% contingency for a total project cost of \$1,407,000. There are sufficient funds in the major maintenance reserves to cover these costs.

RECOMMENDED ACTION: Approve the attached Change Order to increase Rotor's Contract #WDCON8629 by a not-to-exceed amount of \$1,161,202.61.

RECOMMENDED ACTION: Approve the attached project estimate in the amount of \$1,407,000 to establish the Pump 4 VFD Replacement Project and is to be funded by Major Maintenance Reserves.

CHANGE ORDER NO. 2

Jim Nash, Oakland County Water Resources Commissioner
Oakland-Macomb Interceptor Drain Drainage District
For Construction of the Pump 4 VFD Replacement Project
Detroit, MI
Wayne County, Michigan

Authorization for Extras To & Changes In Contract

Department No. : 6010101	Account No. : 731472
Fund No. : 82912	Program No. : 149090
Project No. : TBD	Project Activity : STD OPS
Contractor : Rotor Electric Company of Michigan, LLC Contract No. : WDCON8629	
Address: 9522 Grinnell	Date of Contract: 6/28/19
Detroit, MI 48213	Completion Date: N/A

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
2-1	LOCATION: Northeast Sewage Pumping Station					
2-1	DESCRIPTION (Change/Add): Pump 4 VFD Replacement				\$0.00	---
2-1	REASON: The existing Pump 4 VFD inverter/power pole failed and was not serviceable. Replacement of this component by Eaton was at substantial cost, over \$400,000, which was nearly half the cost of a new drive. As the Pump 4 VFD was nearing 10 years of service, the decision was made to proceed with a new VFD. Time was of the essence to procure a new drive and Toshiba had the same lead time as Eaton's repair. Rotor was retained to obtaine the Toshiba drive through Dykman and facilitate the installation. The cost covers Toshiba's equipment, startup, training and warranty fees, sales tax and Rotor's 15% markup, totalling \$777,155.17 along with Rotor's NTE installation cost of \$384,047.44.	T&M	1.0		\$1,161,202.61	

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
				Totals	\$1,161,202.61	\$0.00
				Net Increase	\$1,161,202.61	---

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

CHANGE ORDER NO. 2

**Jim Nash, Oakland County Water Resources Commissioner
Oakland-Macomb Interceptor Drain Drainage District
For Construction of the Pump 4 VFD Replacement Project
Detroit, MI
Wayne County, Michigan**

Prepared by: _____
Joel Brown-OCWRC Project Engineer

Date: _____

Recommended by: _____
N/A
Consultant

Date: _____

Approved by: _____
Steve Downing-MCPWO Construction and
Maintenance Engineer

Date: _____

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

Accepted by: _____
Ben Rosenberg-President
Rotor Electric Company of Michigan

Date: _____

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

Date: _____

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

This Change Order was approved by the Drainage Board on:


**JIM NASH
OAKLAND COUNTY WATER RESOURCE COMMISSIONER**

**O&M Project Cost Estimate for
Pump 4 VFD Replacement Project
Oakland-Macomb Interceptor Drain Drainage District
3-Jan-25**

	Total Cost
1) Standard Operations	
a Project Construction Cost (Est) (731472)-Rotor	\$ 1,161,203
b Preliminary Design and Design (730639)	\$ -
c Construction Contract Administration & Construction Materials Testing (731444)	\$ -
d Additional Special Services-Network Cabinet (730660)-MCET&Rotor	\$ 30,743
e Additional Special Services-CP4 Reconfigure (730373) MCET	\$ 148,434
f Legal (Easements, Contracts (731073)	\$ -
g County Personnel Time	\$ -
Sub-Total	\$ 1,340,000
2) Subtotal:	\$ 1,340,000
3) Contingency (5%)	\$ 67,000
Total Project Cost	\$ 1,407,000

4) CVT Shares/Allocation: Major Maintenance Reserves

**I hereby certify the period of usefulness of
these facilities to be (10) years and upwards.**

By: 
Joel Brown
Chief Engineer

Agenda Item No. 7

Administrative Time Extensions



Oakland-Macomb Interceptor Drain Drainage District

**TO: Brady Harrington, Chairperson
Oakland-Macomb Interceptor Drain Drainage Board**

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

**SUBJECT: Authorize Administrative Time Extension of Walsh's Contract #WDCON8765
Another 18 Months for the NESPS Pumping and Electrical Project**

DATE: January 15, 2025

Walsh's contract #WDCON8765 for the NESPS Pumping and Electrical Upgrades Project expired administratively on December 16, 2024 and cannot be extended further without OMIDDD Board approval per Oakland County Board of Commissioners policy. Note: OMIDDD's original contract with Walsh did not have an expiration date, only Substantial and Final Completion Dates. This administrative time expiration is entirely separate from the contractual completion dates for the work. This contract is still being utilized to complete the NESPS Pumping and Electrical Upgrades Project. While we expect Final Completion to be achieved in the Summer of 2025, there is likely other closeout items to be completed before Final Payment is issued. Consequently, we request that the Board authorize an administrative extension of this contract another 18 months to facilitate completion of the work and allow for Final Payment.

RECOMMENDED ACTION: Authorize an administrative extension of Walsh's Contract #WDCON8765 another 18 months to June 16, 2026.



Oakland-Macomb Interceptor Drain Drainage District

**TO: Brady Harrington, Chairperson
Oakland-Macomb Interceptor Drain Drainage Board**

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

**SUBJECT: Authorize Administrative Time Extension of ASI's Contract #WDCON8420
Another Three Years**

DATE: January 15, 2025

ASI's contract #WDCON8420 expired administratively on December 26, 2024 and cannot be extended further without OMIDDD Board approval per Oakland County Board of Commissioners policy. Note: OMIDDD's original contract with ASI did not have an expiration date. This contract is still being utilized to complete the NESPS Pumping and Electrical Upgrades Project and will be utilized for the upcoming Control Structure Rehabilitation Projects that are expected to take place over the next three years. Consequently, we request that the Board authorize an administrative extension of this contract another three years to facilitate completion of this work.

RECOMMENDED ACTION: Authorize an administrative extension of ASI's Contract #WDCON8420 another three years to December 26, 2027.

Agenda Item No. 8

Engineering Work Orders



Oakland-Macomb Interceptor Drain Drainage District

TO: Brady Harrington, Chairperson
Oakland-Macomb Interceptor Drain Drainage Board

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

SUBJECT: Approval of NTH EWO for NESPS Pumping and Electrical Upgrades Project
Additional Out of Scope Construction Materials Testing

DATE: January 15, 2025

NTH Consultants Ltd. (NTH) has been continuing to perform construction materials testing (CMT) on the Northeast Sewage Pumping Station Pumping and Electrical Upgrades Project per Engineering Work Order (EWO) D-462 (2) that was approved by the OMIDDD Board on October 18, 2023. However, there was additional out-of-scope effort NTH performed that was not included in either of the previous EWOs as follows:

Inspection of Existing Crossover Piping

Upon removal of the discharge elbows at each of the pump crossover connections to the discharge chamber, additional inspection of the pipe interior and welds was needed to ensure pipe integrity prior to fiber wrapping the cross connection.

Durometer Testing of Pump Spool Piece Seals and Grout Cube Testing

As the project progressed, it was necessary to provide durometer testing of the seal between the pump spool piece and the pump floor to ensure the proper hardness was achieved for proper leak sealing. Additionally, it was imperative to test the grout placed for the shaft bearings and for the pump supports to ensure proper strength was achieved.

NESPS Pump Floor 6 Chemical Grouting Inspection

Ahead of placing the epoxy coating over Pump Floor 6, it was apparent the groundwater infiltration between the caisson wall and the floor slab needed to be addressed to ensure the integrity of the coating. NTH oversaw the inspection of the grouting program Walsh's subcontractor, D.C. Byers, performed as part of an additional project work directive.

NTH has requested an additional \$10,000 to cover the cost of the above out-of-scope items and bring this project to conclusion.

An Engineering Work Order has been created to include this additional CMT scope of work items and associated fees to NTH's existing contract #2603 based on NTH's attached January 2, 2025 proposal. NTH is prepared to continue to provide CMT services uninterrupted upon approval of the EWO.

January 15, 2025

Requested Action: Approve the attached engineering work order to increase NTH's contract #2603 by an amount not to exceed \$10,000 for additional CMT services on the NESPS Pumping and Electrical Upgrades Project.

**Jim Nash Oakland County Water Resources Commissioner
Oakland-Macomb Interceptor Drain Drainage District
For the
NESPS Pumping and Electrical Upgrades Project
Wayne County, Michigan**

Engineering Work Order D-481**Date: 1/3/2025****To:** NTH Consultants Ltd. (NTH)**For:** Amendment to Contract #2603 for NESPS Pumping and Electrical Upgrades Project CMT Services

DESCRIPTION

This Engineering Work Order (EWO) is required to define specific additional tasks and compensation related to the OMID NESPS Pumping and Electrical Upgrades Project that falls under Section A-Engineering Services and Section C Compensation for Engineering Services, Item No. 6 Additional Special Services and Exhibit D – Estimated Fees of contract #2603. This EWO serves as your approval for compensation to provide the following additional out-of-scope construction materials testing services as indicated in your attached January 2, 2025 proposal:

Inspection of Existing Crossover Piping

Perform additional inspection of the pipe interior and welds of the existing pump discharge cross over connection to the discharge chamber to ensure pipe integrity prior to fiber wrapping of the cross connection.

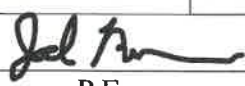



Durometer Testing of Pump Spool Piece Seals and Grout Cube Testing

Perform durometer testing of the seal between the pump spool piece and the pump floor to ensure the proper hardness is achieved for proper leak sealing. Additionally, test the grout placed for the shaft bearings and for the pump supports to ensure proper strength is achieved.

NESPS Pump Floor 6 Chemical Grouting Inspection

Perform inspection of the Pump Floor 6 grouting program to be performed by Walsh's subcontractor, D.C. Byers, ahead of epoxy coating of the floor.

Fees for this Engineering Work Order shall be billed on a time and material basis according to the rate schedules included with the proposal. Subconsultants and expenses are allotted a markup of 6% and 5% respectively. The total amount of the Engineering Services Agreement is to be increased by a not to exceed amount of \$10,000. This amount is not to be exceeded without written authorization from the Oakland-Macomb Interceptor Drain Drainage District (OMIDDD) Board.

RECOMMENDED	DATE: 1/3/2025	ACCEPTED	DATE: 1/13/2025
By: 		By: 	
Joel Brown, P.E. Chief Engineer OCWRC		Jeff Jaros, P.E. President NTH Consultants Ltd.	
APPROVED	DATE: 1/13/2025	APPROVED	DATE: Jan. 14, 2025
By: 		By: 	
Stephen Downing Construction and Maintenance Manager MCPWO		Steve Korth, P.E. Chief Manager OCWRC	
Approved by the Drainage District Board on:			

Department No.:	6010101	Account No.:	SC730639
Fund No.:	FND84917	Program No.:	PRG149015
Project No.:	PRJ-13309	Project Activity:	1-ENG CONSULT
Contract No.:	PS2603-WDCON8173	Contract Exp:	12/31/2025

Oakland Macomb Interceptor Drain Drainage District c/o:
Mr. Joel Brown, P.E.
Chief Engineer
Office of the Oakland County Water Resources Commissioner
One Public Works Drive, Building 95 West
Waterford, MI 48328-1907

January 2, 2025
NTH Project No. 61-200280

Mr. Stephen Downing
Construction and Maintenance Manager
Office of the Macomb County Public Works Commissioner
21777 Dunham Road
Clinton Township, MI 48036-1005

**RE: Budget Increase Request for Construction Material Testing Services
Oakland Macomb Interceptor Drain
NESPS Pumping & Electrical System Upgrades Project
Northeast Sewage Pumping Station
Detroit, Michigan**

Dear Messrs. Brown and Downing:

This letter presents our request for an increase to our engineering budget for Construction Material Testing Services (CMT) for the Pumping and Electrical Upgrades project at the Northeast Sewage Pump Station (NESPS) located in the southwest quadrant of the Great Lakes Water Authority (GLWA) Northeast Water Treatment Plant site. This work was authorized by the OMID Drainage Board via Engineering Work Order Nos. D-421 dated July 15, 2020 and D-462(2) dated October 6, 2023.

SCOPE OF SERVICES

This budget increase letter has been prepared based on our knowledge of the NESPS Upgrades project scope and our experience working on similar projects. The following sections summarize major construction field services performed beyond the original scope:

Chemical grouting for Water Infiltration- NESPS Pump Level (Floor 6)

Groundwater infiltration has been observed at the construction joint interface of the NESPS exterior (caisson) wall and the main base slab in the Dry Well perimeter area of the Level 6 (Pump area) floor. This infiltration has historically created a long-term safety and housekeeping problem and interferes with the proposed epoxy floor coating at Level 6 which requires a dry surface for proper adhesion. The problem has been resolved with the installation of closely spaced chemical grout packers which intercept the plane of the construction joint followed by low pressure injection of Sika hydrophilic chemical grout. NTH staff observed and documented the packer installation, the rate and pressure of grout injection, and the necessary procedural adjustments required to successfully seal the infiltration.



Additional Material Testing Support

In addition to typical material testing procedures for backfill and pavement base density, field and laboratory testing for concrete quality control, NTH performed additional CMT services for various other construction activities within the NESPS facility. These services included inspection of weld quality and interior Tnemec pipe coating quality for the fabricated steel discharge piping sections for Sanitary Pumps #5, and #6 that were not previously inspected. This task required multiple travel arrangements to the coaters specialized facility in Toledo, Ohio for testing the completed work prior to shipment to the jobsite. In addition, NTH also performed on-site durometer observation and testing for the Sanitary Pump Devcon Spool Piece seals and field and laboratory testing for the high strength cementitious grout required for the Sanitary Pump support foundations. Lastly, NTH provided observation for density control and concrete quality testing for the expanded concrete sitework paving and drainage activities.

PROFESSIONAL FEES

Our records show that our remaining budget is limited and not sufficient to finish the project. We have reviewed our current available budget and prepared a projection of what additional budget will be required to continue our CMT services for the anticipated duration of the project. Based on our understanding of the remaining scope of services, we request a budget increase to continue CMT services. Our estimated fee is \$10,000 which includes the current project overage of approximately \$4,900.

Fees for our services will continue to be charged on a cost-plus-fixed fee basis in accordance with the original Engineering Work Order No. D-421 with the OMID Drain Drainage Board.


TERMS AND CONDITIONS

Terms and conditions will be in accordance with our contract with OMIDDD dated June, 2009. We understand that if this proposal is acceptable to OMIDDD that the work will be authorized in a forthcoming Engineering Work Order.

We appreciate this opportunity to be of service to you and look forward to assisting you with this project. Upon your review, should you have any questions or comments, please feel free to contact us.


Sincerely,

NTH Consultants, Ltd.

DocuSigned by:

CC824AA61BE2419...

Lawrence T. Gilbert, P.E.
Senior Principal Engineer

LTG/SS/mlk

Signed by:

04261F17B85445C...

Saju Sachidanandan, P.E.
Project Manager

Agenda Item No. 9

Change Orders

CHANGE ORDER NO. FORTY-EIGHT

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.) NESPS Level 6 Water Infiltration Relief; 2.) Modifications to Transformer Bay "Shed Roof" to mitigate potential damage/injury from snow and ice fall-off; 3.) Remove and replace partial Wet Well Bar Screen perimeter safety handrail; 4.) Purchase Electrical Room Specialty Parts Storage Cabinet; 5.) Transformer Tap adjustment for voltage regulation.

Address:

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

Change Order No. 48 Date: December 20, 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>					
48-1	<u>DESCRIPTION (Extra/ Add):</u> Provide labor and materials to perform chemical grouting to seal groundwater infiltration at the NESPS Level 6 (Pump Floor) dry well base slab/ wall interface. <u>REASON:</u> Groundwater infiltration at Level 6 has been a long term nuisance issue that has been historically ignored in the past by previous Operators. This infiltration creates a significant safety and housekeeping concern, and would prevent the application of epoxy floor coating proposed under the current Contract.	LS	1 ea.	\$ 18,012.40	\$ 18,012.40	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
48-1	<p>The infiltration typically occurs around the entire visible perimeter of the dry well wall/ base slab interface and is the result of an apparent breakdown and/or absence of a water stop detail provided during station construction.</p> <p>The corrective action involves the low pressure injection of hydrophobic chemical grout at closely spaced intervals around the wall-slab joint while advancing the grout locations as needed to intercept the infiltration.</p> <p>This change order item may be further adjusted in the future depending on the final quantity of material and labor effort utilized.</p> <p>Attachment: Walsh Construction Co. PCI No.970247</p>					
48-2	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Provide safety modifications to the newly constructed "Transformer Bay Shed Roof" to prevent ice and snow accumulations from "avalanche" style slide-off risks.</p> <p><u>REASON:</u></p> <p>The Transformer Bay Shed Roof is a standing seam metal deck surface inclined from the upper end at the NESPS exterior wall to the lower end at the gated shed entrance. The hazard exposure is that ice and snow will eventually accumulate to the point where a sliding "avalanche" event may occur. This potentially endangers personnel and equipment who are in the immediate vicinity.</p> <p>The modifications involve the installation of a series of protruding "spikes" that inhibit the mass sliding action and allow for normal snow melting and sheet breakup to occur.</p> <p>Attachment: Walsh Construction Co. PCI No.970248</p>	L.S.	1 ea.	\$7,931.25	\$7,931.25	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
48- 3	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>The existing (original) Wet Well Bar Screen aluminum handrail requires (partial) removal and replacement due to its deteriorated, unsafe condition.</p> <p><u>REASON:</u></p> <p>The upper segments of the original tubular aluminum handrail adjacent to the bar screens has experienced significant deterioration and physical damage due primarily to bar screen maintenance activities in previous years. In addition, one section of access stair landing platform railing has also undergone previous damage and similarly requires complete removal and replacement for personnel safety reasons.</p> <p>The existing handrail was designed using standard railing details which have proven to be inadequate for the heavy-duty service that has been experienced. The use of dewatering hoses, tether ropes, and Vac-All lines "draped" over the top rail section during cleaning operations is well beyond normal railing service.</p> <p>An evaluation of the existing railing condition concluded with a decision to fully replace the damaged sections rather than attempt isolated repairs. The proposed railing replacement utilizes closer post spacing, heavier schedule tubular components (sch. 80 tubing compared to the original sch.40), and an overall more robust design to accommodate the severe duty exposure.</p> <p>Sections of the existing railing that remain in useable, undamaged condition will remain in place. <i>"Note also that the entire removal and replacement activity in the wet well will proceed under permitted confined space conditions."</i></p> <p>Attachment: Walsh Construction Co. PCI No. 970250</p>	L.S.	1 ea.	\$ 64,799.37	\$ 64,799.37	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
48-4	<p><u>DESCRIPTION: (Extra/ Add):</u></p> <p>Acquire a portable, lockable storage cabinet for specialized replacement parts for the electrical room switchgear and replacement componentry.</p> <p><u>REASON:</u></p> <p>The Construction Manager purchased a new lockable, portable storage cabinet to inventory the various specialized spare maintenance and replacement components needed during switchgear installation and startup. A variety of these components will be required for future, routine use, and the Construction Manager has offered the near-new cabinet to the Project Owner at the original sale price, without markup.</p> <p>Attachment: Walsh Construction Co. PCI No. 980196</p>	L.S.	1 ea.	\$ 535.00	\$ 535.00	-0-
48-5	<p><u>DESCRIPTION: (Extra/ Add):</u></p> <p>Provide compensation to the project electrical sub-contractor for specialized services related to the diagnosis and corrective action necessary to resolve an over-voltage condition in the T-3 and T-4 transformers.</p> <p><u>REASON:</u></p> <p>An over-voltage condition in excess of that considered normal was responsible for the fault tripping of electrical gear, and required off-hour investigations to diagnose the problem. The solution that was employed to correct this condition involved an adjustment to the transformer "taps" followed by a testing protocol to verify the condition was resolved.</p> <p>In order to perform the tap change, the first transformer was taken out of service as a "shutdown task", and upon completion, the operation was repeated to similarly correct the second transformer voltage.</p>	L.S.	1 ea.	\$ 11,420.00	\$ 11,420.00	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
48-5	It was observed that this procedure was successful in correcting the problem and eliminating the over voltage fault conditions. Attachment: Walsh Construction Co. PCI No. 980192 ***** END OF LINE ITEMS FOR CHANGE ORDER NO. 48					
	NESPS Pump & Elec. Change Order #48			\$ 102,698.02	\$ 102,698.02	-0-
					Amount Increase	Amount Decrease
				Change Order # 48 Totals	\$ 102,698.02	-0-
				Net Changes (Increase)	\$ 102,698.02	-----

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



Date: 1-08-2025

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



Date: 1/8/2025

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



Date: 1/10/2025

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



Date: 1/10/2025

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, "Releasors"), 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 Releasors may have, or in the future might have, against Owner, by reason of, based, on or in any manner connected with the subject of this Change Order or the performance of the Work identified in this Change Order, except as expressly identified and specifically reserved in the Change Order. This Change Order supersedes any referenced Work Directive.

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

Accepted by:

Dave Pauline Sr. PM.

Title

Date 2025 0108

of:

Walsh Construction Co. II, Inc.

This Change Order No. 48 was approved by the Drainage Board on: _____ Date: _____

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

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-Eight (December 09, 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 # 47, and including CS-9 C.O. # 1,2,3,4 (Corrected Value from C.O. # 42)	\$ 7,826,957.53
This Change Order # 48	\$ 102,698.02
Adjusted GMP Contract Value, Pump & Electrical Upgrades and CS-9 Projects (Including this C.O. # 48)	\$ 50,863,037.43



CHANGE ORDER NO. 0003

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

1.) Adjustment to Contract Times for Substantial and Final Completion. 2.) Delete unused C-2A SOV Line Items.

Authorization for Changes In Contract

Department No.: 6010101

Fund No.: 84918

Project No.: 1-7408

Contractor Z Contractors, Inc.

50500 Design Lane Shelby Township, MI
48315

Account No.: SC731472

Program No.: 149015

Project Activity: 1-FAC-ACQ

Contract No.: CON00010396 - NI-EA
OMID Contract No. 2A

Date of Contract: 6/29/2023

Completion Date: 3/3/2025

Description:

Item 3-1: Adjust the Contract Time for Substantial and Final Completion to recognize additional programming efforts required to modify and enhance the system control display screens and automated operation of the NIEA PC 663 Control Gates # 1, 2, and 3 in accordance with requests from the Great Lakes Water Authority (GLWA). This change will adjust the date of Substantial Completion (SC) by 41 calendar days to January 31, 2025, and correspondingly the date of Final Completion for Contract 2A to March 3, 2025. These changes address adjustments to the Contract times only with no change in the Contract sum.

Item 3-2: Delete the following unused SOV Line Items from Contract 2-A (refer to attached Pay App #16) and transfer to Contract 2-B SOV (under separate C.O.):

Item 4c-1: -\$25,000.00

Item 5c-1: -\$50,000.00

Item 10-1: -\$150,000.00

Item 27 a-1: -\$105,300.00

Item 27-b-1: -\$8,550.00

Item 28-1: -\$44,000.00

Total: -\$382,850.00

The total C.O. 3 adjustment to the Contract Sum for Contract 2-A is a deduction of \$382,850.00.

Ref. No.	Description Reason	Value Change	Time Change
N/A	Adjust Contract Time for Substantial and Final Completion	\$0.00	41
N/A	Deletion of unused SOV Line Items from C#2A and transfer to C#2B SOV	-\$382,850.00	0



CHANGE ORDER NO. 0003

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

Notice to Proceed Date:	6/23/2023
Original Contract Substantial Completion Date:	9/27/2024
Original Final Completion Date:	10/28/2024
Original Contract Value:	\$9,488,650.00
Previous C.O. Values	\$48,905.07
Change Order No. 0003 \$ Value	-\$382,850.00
Change Order No. 0003 Days	41
Adjusted Contract Value	\$9,154,705.07
Adjusted Contract Substantial Completion Date	1/31/2025
Adjusted Contract Final Completion Date	3/3/2025



CHANGE ORDER NO. 0003

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

Prepared By:

Lawrence T. Gilbert
Lawrence T. Gilbert
Senior Principal Engineer, NTH

Date:

1-09-2025

Recommended By:

Abdulnasser Almadhoun
Abdulnasser Almadhoun
Sr. Project Engineer, NTH

Date:

1/9/2025

Approved By:

Jen Cook
Jen Cook
Assistant Chief Engineer, WRC

Date:

1/10/2025

Approved By:

Stephen Downing
Steve Downing
Construction and Maintenance Manager, MCPW

Date:

1/10/2025

Approved By:

Joel Brown
Joel Brown
Chief Engineer, WRC

Date:

1/13/2025

Approved By:

Steve Korth, P.E.
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 unchanged work, and any and all adjustments to the Contract Sum and the Contract Time. By signing this Change Order, Contractor attests that the change in the amount of the Contract Sum authorized by the Change Order represents compensation in full for all costs, markup, and expenses, direct and indirect, associated with or attributable to the Change Order, including any costs resulting from or caused by delays, impacts, acceleration, disruption or loss of efficiency encountered by Construction Manager in the performance of the Work through the date of the Change Order. In addition, Contractor for itself, its Subcontractors and any other persons or entities acting by, through or under them (collectively, "Releasors"), releases Owner, without any reservations, from any and all actual or potential claims or demands, disruptions, additional work, additional compensation or an extension of Contract Time, which Releasors may have, or in the future might have, against Owner, by reason of, based on, or in any manner connected with the subject of this Change Order or the performance of the Work identified in this Change Order.

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

Accepted By:

Blake Zapczynski
Blake Zapczynski
Z Contractors, Inc.

Date:

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

This Change Order No. 0003 was approved by the Drainage Board on:

Agenda Item No. 10

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. Fifty-One

Period: December 01 through December 31, 2024

Page One of Two

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: None	\$0.00
Previous C.O.s: (Numbers 7 through No. 47 and CS-9 # 1 through # 4)	\$7,826,957.54
Note: C.O. # 30 includes the budget transfer of \$70,196.70 from Pre-Con to GMP budget)	\$70,196.70
Adjusted Contract Amount including CS-9 values (Including C.O. # 45)	\$50,760,339.42
Sub-Total To Date	\$ 46,815,487.00
Less Deductions: None	\$ -
Less Amount Reserved (max. 10% of 50% of total CV, including CS-9 value)	\$ 2,538,016.97
Total Amount Allowed To Date: (Work in Place = 92% complete)	\$44,277,470.03
Less Previous Estimates: (Balance to Finish: \$ 3,944,852.42)	\$44,148,682.39

Payment Due	\$128,787.64
--------------------	---------------------

Accounting Auditor:

Amount to be Reserved	2,538,016.97
Less Previous Transfer to Reserve- Adjusted Value	2,538,016.97
Amount of Current Transfer to Reserve	\$0.00

Regular Construction Estimate No. 51: December 01 through December 31, 2024 - NESPS Pump & Electrical Upgrades

Page Two of Two

Prepared by:



Date:

1-08-2025

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

Recommended by:



Date:

1/8/2025

John Michalski, P.E., ASI

Recommended by:



Date:

1/10/2025

Joel Brown, P.E. Oakland County WRC

Recommended by:



Date:

1/10/2025

Stephen Downing; Macomb County OPWC

Regular Construction Estimate No. 51; Dec. 01 through Dec. 31, 2024

NESPS Pump & Electrical Upgrades Project

Approved By Board On:

CONSTRUCTION ESTIMATE

Jim Nash, Oakland County Water Resources Commissioner
Oakland-Macomb Interceptor Drain Drainage District
Odor and Corrosion Control Systems within the OMID
Sterling Heights, Macomb County, Michigan

Construction Estimate No. 1 ✓

09/10/2024 to 11/30/2024 ✓

Department No.: 6010101
Fund No.: FND84919
Project No.: PRJ-17705

Contractor: Commercial Contracting Corporation
(Name & Address) 4260 N. Atlantic Blvd.
Auburn Hills, MI 48326

Account No.: 730352
Program No.: PRG149015
Activity: 1-FAC_ACQ
Vendor No.: 0000021677
Contract No.: CON0011068
Date of Contract: 7/1/2024
Completion Date: 7/1/2026

Original Contract Amount:		\$7,419,000.00
Previous Change Order Numbers (none):		\$0.00 ✓
Change Orders This Estimate Numbers (none):		\$0.00
Total Net Change Orders:		\$0.00
Adjusted Contract Amount:		\$7,419,000.00 ✓
Subtotal To Date: (Sheet 2 of 2 Column 7)		\$219,582.00
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	2.96%	\$219,582.00
Less Amount Reserved: (10% of Gross Estimate)		\$21,958.20
Total Amount Allowed To Date:		\$197,623.80
Less Previous Estimates:		\$0.00 ✓
Net Payment Request To Be Paid To Contractor:		\$197,623.80
Reserve Payment to Contractor		\$0.00
Balance of Contract To Date	\$7,199,418.00 ✓	Accounting Auditor: HDG 1/2/25
Less Previous Transfers To Reserve:		\$0.00 ✓
Amount of Current Transfer:		\$21,958.20

Prepared and Recommended by: <u>Jason A. Matteo</u>	Date: <u>12/19/2024</u>
Jason Matteo, P.E., Jacobs	
Approved by: <u>Jen Cook</u>	Date: <u>1/2/2025</u>
Jen Cook, P.E., OCWRC	
Approved by: <u>Stephen Downing</u>	Date: <u>01/06/2025</u>
Steve Downing, MCPWO	
Approved by: <u>Joel Brown</u>	Date: <u>1/7/2025</u>
Joel Brown, P.E., OCWRC	

Approved by OMIDDD Drain Board on: _____

CONSTRUCTION ESTIMATE

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

Construction Estimate No. 2 ✓

12/01/2024 to 12/31/2024 ✓

Department No.: 6010101
Fund No.: FND84919
Project No.: PRJ-17705

Account No.: 730352
Program No.: PRG149015
Activity: 1-FAC_ACQ
Vendor No.: 0000021677

Contractor: Commercial Contracting Corporation
(Name & Address) 4260 N. Atlantic Blvd.
Auburn Hills, MI 48326

Contract No.: CON0011068
Date of Contract: 7/1/2024
Completion Date: 7/1/2026

Original Contract Amount:		\$7,419,000.00
Previous Change Order Numbers (none):		\$0.00 ✓
Change Orders This Estimate Numbers (none):		\$0.00
Total Net Change Orders:		\$0.00
Adjusted Contract Amount:		\$7,419,000.00 ✓
Subtotal To Date: (Sheet 2 of 2 Column 7)		\$270,199.20
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	3.64%	\$270,199.20
Less Amount Reserved: (10% of Gross Estimate)		\$27,019.92
Total Amount Allowed To Date:		\$243,179.28
Less Previous Estimates:		\$197,623.80 ✓
Net Payment Request To Be Paid To Contractor:		\$45,555.48
Reserve Payment to Contractor		\$0.00
Balance to Finish	\$7,148,800.80 ✓	Accounting Auditor: HDG 1/7/25
Less Previous Transfers To Reserve:		\$21,958.20 ✓
Amount of Current Transfer:		\$5,061.72

Prepared and Recommended by: Jason A. Matteo
Jason Matteo, P.E., Jacobs

Date: 1/3/2025

Approved by: Jen Cook
Jen Cook, P.E., OCWRC

Date: 1/7/2025

Approved by: _____
Steve Downing, MCPWO

Date: _____

Approved by: _____
Joel Brown, P.E., OCWRC

Date: _____

Approved by OMIDDD Drain Board on: _____

JIM NASH

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

Agenda Item No. 11

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.

January 15, 2025 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (January 7, 2025) for the work completed for the Oakland-Macomb Interceptor Drain Repair Program (SRF Segments 1-4; Contract 7 PCI-4 repairs; Maintenance Repairs in PCI-5 through PCI-11A; Control Structure Modifications; NIEA Repairs; NESPS Upgrades; Odor/ Corrosion Control System, and other related work):

SRF Segment 1 Status:

Contracts 1&2: Complete

System-wide Odor/Corrosion Study: Complete

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

Amount Invoiced:

- | | |
|---|----------------|
| • CCC Construction Contract Value: | \$7,419,000.00 |
| • Jacobs Team Project Budget (with EWO#5): | \$2,375,161.86 |
| • Total Jacobs Spent (Invoice No. 19, through November 22, 2024): | \$1,069,734.13 |

Schedule Status:

- Construction Notice to Proceed was September 10, 2024.
- Construction is currently on time according to CCC's latest project schedule.
- Final Completion for the overall project is April 25, 2026.

Status of Major Project Tasks:

- CCC prepared and submitted a revised project baseline schedule and a revised schedule of values and Jacobs reviewed and took no exceptions.
- Key submittals for long-lead equipment items are being prepared by CCC for Jacobs to review.
- CCC's monthly Pay Application Nos. 1 and 2 were received, reviewed, and approved by Jacobs.
- A total of five (5) construction progress meetings have been held.
- CCC and OMIDDD representatives selected and implemented Procore for the project document management platform.
- CCC plans to begin site construction at the ST-S-3 site (Dodge Park Road and Sorrento Blvd) in approximately February/March 2025.
- OMIDDD and Sterling Heights are coordinating to issue property owner notification letters in the area surrounding the ST-S-3 site at Dodge Park Road and Sorrento Boulevard.
- Sterling Heights plans to bid a local sewer lining project in Dodge Park Road near the ST-S-3 site. OMIDDD and Jacobs are coordinating with the City to assess potential conflicts with this project.
- As part of their contract, Jacobs is conducting an odor study at Control Structure No. 9 (10 Mile Road and the ITC Corridor in City of Warren) due to recently received odor complaints. This additional

effort is ongoing and is covered under two contract amendments (EWO #4 and EWO #5), which is anticipated to be completed in Spring 2025.

- Permitting activities include the Sterling Heights' Engineering Department site plan review, which was completed, pending permits to be pulled by CCC. Sterling Heights' Building Department site plan review was also completed. Jacobs processed payment of the Engineering Review fee, with reimbursement by OMIDDD. CCC is coordinating with the City regarding remaining permits/approvals and with utility providers for utility relocates (e.g., DTE).

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 (pending final property agreements) for keeping the 15 Mile Road bypass pumping arrangement (initially constructed in summer 2021) intact and buried below grade. Final design package to be used to solicit bids from several OCWRC and MCPWS Blanket Contract Holders. Solicitation of bids is on hold pending negotiations and final agreement with ITC and other property owners. Now pursuing a licensing agreement with ITC.
- Remaining items in the final emergency plan include punch-list and modifications at the 15 Mile Road Site, and overall optimization of the Emergency Plan per above. The final plan document will be revised after final installation of the emergency pumping conveyance conduit.

Additional work being performed under Metco Maintenance Contract for NESPS:

- Mechanical and Electrical corrective/preventative maintenance schedules continue.
- Coordination between OMIDDD, GLWA, MIDD, and Pump/Electrical Upgrade Project is ongoing and has not impacted station operations or the ability to meet demand.
- Install of the new wet well elevator continues, completion scheduled for February, 2025.
- Stand-by Generator tie-in to new electrical switchgear is complete.
- New Transformer(s) T3 and T4 are in service providing dual electrical duty. Pumps have exhibited several unusual faults. We are monitoring incoming DTE power. Further analysis and information to follow.
- Sanitary Pump #4 variable frequency drive (VFD) is onsite and installation is underway with no interruptions to station operations; installation completion expected late January/early February.
- Lardner has applied for the final Dry Well Elevator Permit from the City of Detroit with a temporary permit in place. Outstanding items include the closeout inspection and emergency power tie-in. An inspection date will be requested once the work is complete.

- The north and south bar screens were last inspected in November 2024, with minimal debris observed. Bar Screen cleaning will be on an as-needed basis through routine inspections, the next inspection is scheduled for end of January 2025.
- New Sanitary Pump #6 has been placed in rotation with existing pumps. Over 200 hours of runtime have taken place with few unplanned shutdowns.

Overall NESPS Station Performance Report by METCO:

- Mechanical: Sanitary Pumps #1 #2, #3, #5, #6, and dewatering pump are ready for duty. Pumps #1, #3, and #5 have not performed to the design capacity but are provisionally approved by the manufacturer for use while evaluations and consideration of options for mitigation continue. Sanitary #6 has been installed and is pumping an average of 80cfs (below design but better than other new pumps). Evaluations continue. Current Total Pumping Capacity equals 465cfs. Contract Capacity is 423cfs with a Firm Capacity of 400cfs.
- The overhaul of Sanitary Pump #4 shaft bearings and pump mechanical seal is complete, with an evaluation to be performed upon start-up of new VFD.
- The wet well dewatering pump required a lip seal replacement which has been performed. All related shaft bearings were also replaced. No issues to report.
- NESPS/GLWA LOTO (Lock-Out Tag-Out) continues as a primary means of safety communication.
- Dry well submersible sump Pumps #1 and #2 have been demolished. New pumps are installed. performance observations have been satisfactory with no reported issues.
- CMMS: NEXGEN asset management in use. Monthly status meetings are being held with OMIDDD. Contractors are fulfilling their NEXGEN requirements with no outstanding issues.
- HVAC: New oxygen sensors are performing as designed. Rounds are conducted daily. Unit air filters are re-stocked and changed as required. Station ventilation and gas detection continue to be closely monitored.
- Bio Filter performance has been acceptable. No odor or complaints have been reported.
- Overall General Housekeeping tasks remain in order. Minor maintenance activities continue to be addressed in a timely manner.

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

- Daily flow control operations continue to support MID/OMID/NIEA repair and improvement projects. (Weather permitting).
- No odors noticed by OMIDDD personnel during normal field operations. Routine manhole cover inspections within the ITC Corridor are conducted (weather dependent) and condition assessment photos have been filed.
- All LOTO protocols remain in place.
- System-wide communications are good.
- CS-5, CS-6, CS-7 and CS-8 gates are in stand-by mode and ready for service.
- CS-9 has a hydraulic leak impacting the functionality of one out of two gates. Gate #2 has been isolated until repairs are completed but can be used in an emergency. Repairs in process.
- Routine daily rounds and inspections made.

Other System Operation Issues

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

OMID Control Structure Upgrades Status (on hold):

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

OMID System 6-Year Inspection Status:

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

NIEA Rehabilitation

Contract 1 (PCI-4 Rehabilitation): Complete

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

Amt Invoiced: \$7,897,291.58 out of \$9,537,555.07 (construction, Contract 2A only) has been completed, representing 83 % complete.

Schedule Status: Contract 2A: Substantial Completion is currently projected for December 21, 2024, but will be extended via Change Order to January 31, 2025 based on requests from GLWA for programming and video screen enhancements.

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

- Traffic control equipment along Van Dyke is demobilized, with all lanes now open to normal traffic.
- The Seven Mile shaft is complete, and 7 Mile Road is now fully open to normal traffic.
- The PC 663 main bulkhead gate and hardware has been installed, with ongoing work on the Control gates, actuators, controls, and instrumentation.
- Coordination efforts between Contract 2B (projected to begin March 2025) and downstream DRI work by GLWA continue. Coordination meetings monthly, with future meetings scheduled as necessary.
- Active field work did not occur during this reporting period, pending control updates.

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.

NESPS Pump and Electrical Upgrades Project

Budget Status: The total construction amount invoiced as of December 31, 2024 is \$ 46,815,487.00 out of \$ 50,760,339.42 budget (including the operational Control Structure 9 Bulkhead Gate facility and adjusted for stored material inclusion in major work activities), representing 92 % 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, #5 and #6. The estimated delay is 24 months, which will not be recovered. Completion currently projected for April 10, 2025.

The following Design Team and Construction Services Effort is active:

- Construction Phase services (RFIs, Submittals) are ongoing, and the engineering team is reviewing and responding.
- The new Sewage Pumps #1, #3, #5, and #6 have been installed with all 4 pumps approved for provisional use but currently operating below design capacity. “Flow-fin” vanes have been installed in Pump #6 influent piping/spool to address the previously identified “pre-swirl” effects. This process may be repeated at the other pumps on the basis of Pump #6 results, which appear to indicate the retrofit has not fully addressed the problem although preliminary results appear positive and analysis is ongoing.
- The original Knife Gate Valve (KGV)# 6 has been dismantled from its operating location and is stored outside. The new replacement KGV # 6 is now installed and operable. Pump 6 is undergoing testing with concrete support foundations, installation of Devcon ring and conical pump base, and unit erection complete.
- Sanitary Pump #6 is in service for the initial evaluation period. While discharge rates are somewhat below design expectations, the overall performance has been generally positive.
- Demolition of the existing Wet Well Elevator components is complete. The installation of the new elevator, rail, and accessory equipment continues on-schedule, projected for completion in late January, 2025.
- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.
- Installation of small diameter conduit runs, lighting improvements, fire alarm systems, and wiring in the existing NESPS building is approaching substantial completion.
- The August 23, 2022 Arc-Flash incident remains under investigation. The Construction Manager filed an OCIP claim with first payment received by OMID.
- Work on the alternate discharge piping installation for the Dewatering Pump is complete. Personnel safety screens have been installed. Modifications to the shaft screens on the larger Sewage Pumps have also been completed to allow for greater maintenance flexibility.
- All phases of concrete paving are now complete. Final site grading and exterior punch-list work is at or near completion.
- Fabrication of the new 25-ton overhead crane for the Motor Room continues, with factory tests performed on November 13, 2024. The installation schedule will be coordinated with other tasks involving use of the crane to avoid any delays to ongoing work. The bridge crane has been removed and the new crane is currently being installed.
- The new duplex sump pumps are installed and are operable in the dry well pipe gallery sump area, and floats and level controls are also functioning.

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

Work Item/ Milestone		Design/CCA Budget	Const Budget	Estimated Delivery Date
2	Final Basis of Design			5/31/2019
9	Final Package Development			8/14/2020
	Subtotal	\$3,826,000		
10	Substantial Completion	\$2,500,000 (est.)	\$49,380,000	4/10/2025 (late)
11	Final Completion		\$49,380,000	June 2025 (late)



NESPS Refurbishment Project Location



Installing Pump #6 top platform guard rails



Final laser-alignment of Pump #6



Fresh paint on concrete thrust block at motor floor



Installation of 4-inch for KGV draining system at Pump #6



Sealing infiltration at caisson wall



Removing existing trolley and hoist and installing new overhead crane elements



Seal coating the new electrical building



New Pump #4 VFD panel in electrical building

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

Slip lining with Hobas upstream of CS12 and grouting of the annular space is completed upstream of CS-12 (~6,930 feet). At this time, the original Contractor has demobilized from the site and the locks have been changed. The new Contractor is currently establishing on-site flow control to work from CS-12.

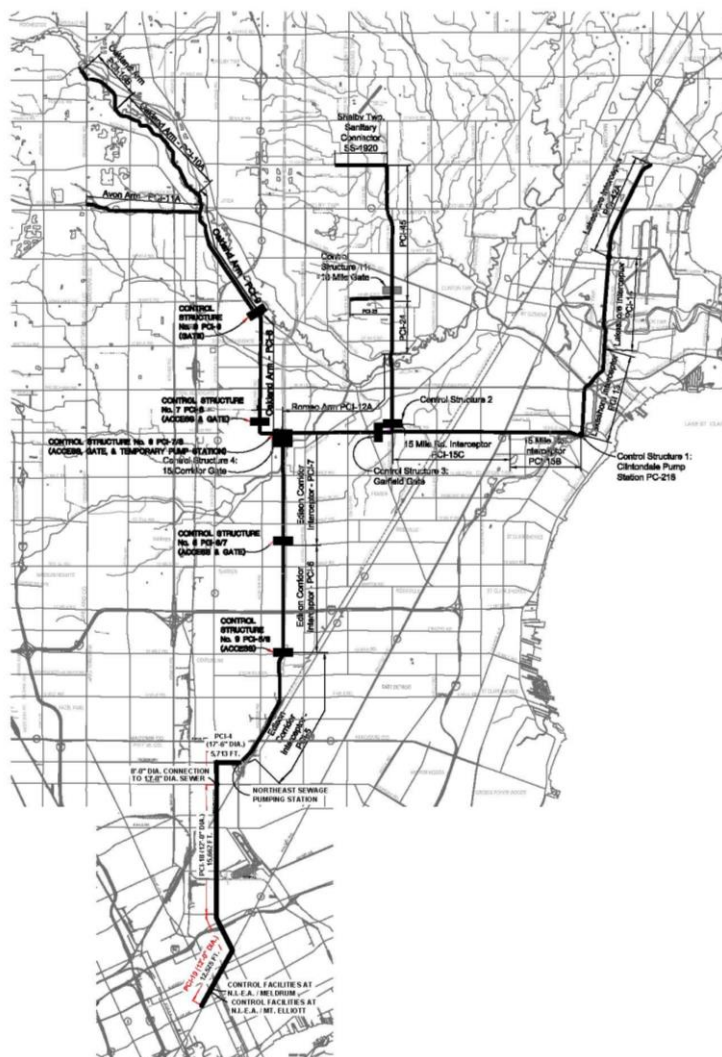


Contractor placing bypass equipment at CS-12

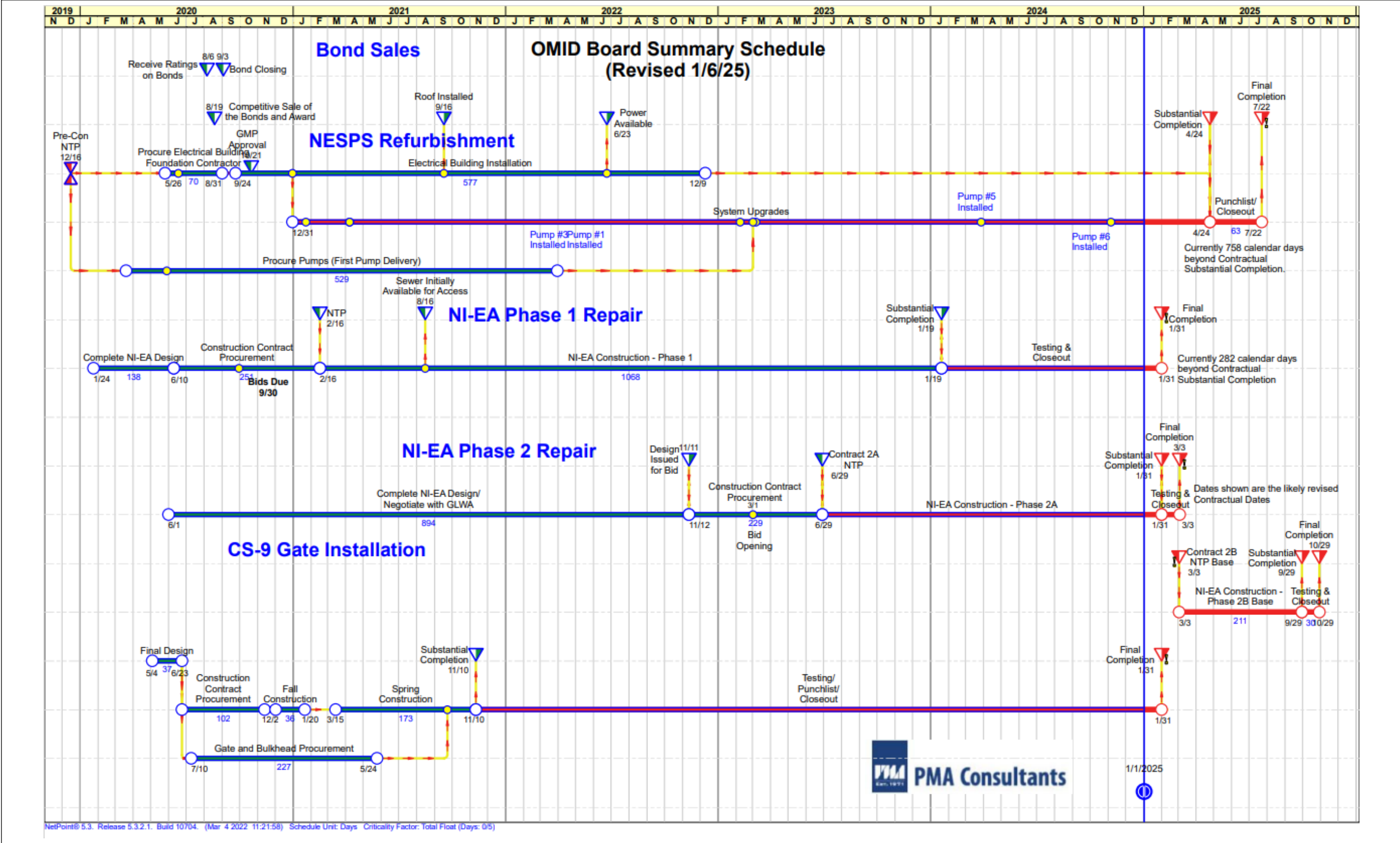


Summary of OMID Design and Construction Status:

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



OMID Project Schedule Summary

MID/OMID Construction Schedule

Project	Work Location	Owner	Lead Engineer	Contractor	2025												MID/OMID Control Devices Required to Store Flow										Concurrent Work Notes		
					J	F	M	A	M	J	J	A	S	O	N	D	J	CS-2	CS-3	CS-5	CS-6	CS-6 PS	CS-7	CS-8	CS-9	CS-12		CS-13	CPS
Segment 6 Lining	15 Mile upstream of Garfield (15 Mile Interceptor)	MID	FKE	Ric-Man													-	-	-	-	-	-	-	-	Y	Y	-	Flow control on pause but upcoming. May work concurrent with Segment 5 or NIEA rehabilitation. Schedule is estimated.	
	15 Mile upstream of Garfield & between CS-2/CS-3 (Romeo Arm)	MID	FKE	Ric-Man	/												Y	Y	N	-	-	-	-	H	Y	Y	-	May work concurrent with Segment 5 or NIEA rehabilitation. Flow control conditions at the CS gates is similar with the exception of utilizing CS-2. Schedule is estimated.	
Segment 5 Lining	15 Mile between ITC Corridor & Eberlein	MID	FKE	ORC/Ric-Man	/	/	/										-	Y	N	Y	-	Y	Y	-	Y	-	H	-	Work is ending under ORC in November. Remaining work is to be completed under another Contract at a start date yet to be determined.
NIEA Rehabilitation (Downstream of NESPS)	PCI-18/19 Flow Control Structures (Contract 2A)	OMID	NTH	Z Contractors	/												-	Y	N	Y	-	Y	Y	Y	-	-	H	-	Gate Testing. MID/OMID flow control may be required depending on 7-Mile Relief Inter-Connection and PC-663 Gate status. Coordination with GLWA and downstream system when flow is diverted to 7 Mile Relief.
	PCI-18/19 Spot Repairs and Linings (Contract 2B)	OMID	NTH	Z Contractors		/	/	/	/	/	/	/	/	/	/	/		-	N	N	N	N	N	N	N	N	N	-	Y
NESPS Improvements	NESPS Pump Replacement	OMID	ASI	Walsh													-	Y	-	Y	-	Y	Y	Y	-	-	H	-	Will require brief flow control for pump installation, gate installation, and electrical work.
DB-226 DRI Repairs (Reach 2A - 3B)	GLWA - DRI	GLWA	FKE	Jay Dee													-	-	-	-	-	-	-	-	-	-	-	-	Can be effected by flows rerouted from the NIEA to the DRI. Project status changes in late 2024 following completion of Reach 3B after which flow control for NIEA C2B is not impacted..
DB-226 DRI Repairs (Reach 3C)	GLWA - DRI	GLWA	FKE	Jay Dee													-	-	-	-	-	-	-	-	-	-	-	-	Work is independent of OMIDDD for the most part. Coordination recommended with C2 work.
Odor and Corrosion Control System	ST-S-3, ST-S-1 Sites	OMID	Jacobs	CCC																									Periodic requests for storage /no storage may be necessary at CS-6, CS-7, CS-8
Flow Control Structure Rehabilitation	CS-5, CS-6, CS-7, CS-8	OMID	ASI	TBD													N	N	-	-	-	-	-	N	N	-	N	-	Work will take CS Structures out of Service during Gate and Operator modifications. Project currently on hold.
MID Inspection	Routine Inspection of MID Manholes & Interceptors	MID	NTH	Doetsch													-	-	-	-	-	-	-	-	-	-	-	-	TDB
PSPS / COSDS Work (PSPS Shutdown)	PSPS	WRC	n/a	n/a													-	-	-	-	-	-	-	-	-	-	-	-	Diversion to PSPS is 10 to 15 MGD. Scheduled shut down of PSPS for yearly maintenance; no flow diversion to Pontiac WWTP (CRWRRF) during this time. Will significantly impact storage capabilities on the Oakland Arm CS gates. 2024 Shutdown completed week of 9/23/24.

Monthly FINAL
Table updated for 1/1/2025. Estimates to be updated as necessary.

PSPS and ELPS operations can significantly impact storage times upstream of CS-6, 7 & 8 and subsequently downstream control structures. Coordination & alerting for ELPS, PSPS, WRC Meters 1222/1223 & 1000 required.

- Y = Required to store
N = Required to not store
H = Helpful to extend work times. If available when not required for concurrent work.
- = Irrelevant
- Estimated Project Window

Flow Control Required

Flow Control May Be Required

Agenda Item No. 12

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

YTD Trial Balance Fund: 84917 Oakland Macomb InterceptorSeg5 As of Fiscal Period: Month 3, 2025		OMID SEGMENT 5 BOND ISSUE PRJ-13252	OMID NI-EA CONSTRUCTION PRJ-13308	NESPS MECH-ELEC CONSTRUCTION PRJ-13309	YTD Balance
100100	Cash - Operating	3,077,640.23	3,928,804.84	4,237,090.76	11,243,535.83
143100	PrepaidExpenses			174,393.45	174,393.45
	ASSETS	3,077,640.23	3,928,804.84	4,411,484.21	11,417,929.28
222300	Unearned Revenues	0.00	0.00	(897,638.74)	(897,638.74)
	LIABILITIES	0.00	0.00	(897,638.74)	(897,638.74)
605000	Special Assessments Revenue		(831,327.96)	(1,613,754.28)	(2,445,082.24)
655000	Income From Investments	(78,627.99)			(78,627.99)
	REVENUES	(78,627.99)	(831,327.96)	(1,613,754.28)	(2,523,710.23)
730000	Contractual Services		0.00	1,695,765.29	1,695,765.29
770000	Internal Support Expenditures		8,901.48	26,131.77	35,033.25
	EXPENSES	0.00	8,901.48	1,721,897.06	1,730,798.54
381315	FB Restricted Debt	(47,288,433.00)			(47,288,433.00)
382100	FB Committed for Capital Proj	44,289,420.76	(3,106,378.36)	(3,621,988.25)	37,561,054.15
	Fund Balance	(2,999,012.24)	(3,106,378.36)	(3,621,988.25)	(9,727,378.85)
		(0.00)	0.00	(0.00)	(0.00)

Cash as of 12/31/2024 \$ 11,243,535.83

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

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (243,217.19)

Total Net Cash Balance \$ 11,000,318.64

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

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	28,395,600.00	3,573.12	-	-	8,901.48	8,901.48	24,278,051.22	4,117,548.78
1 > Administration	584,000.00	390.78	-	-	390.78	390.78	176,140.18	407,859.82
1 > Engineering	478,000.00	3,182.34	-	-	8,510.70	8,510.70	286,463.84	191,536.16
1 > Engineering Consultants	4,913,000.00	-	-	-	-	-	5,877,676.59	(964,676.59)
1 > Facility Acquisition	17,983,600.00	-	-	-	-	-	17,400,876.92	582,723.08
1 > Legal and Financial	1,259,000.00	-	-	-	-	-	251,349.59	1,007,650.41
1 > Right of Way	265,000.00	-	-	-	-	-	86,378.76	178,621.24
1 > STANDARD	40,000.00	-	-	-	-	-	199,165.34	(159,165.34)
Project Revenues	-	-	-	-	831,327.96	(831,327.96)	28,206,856.06	
RC605572 - Special Assessments Revenue	-	-	-	-	831,327.96	(831,327.96)	6,235,012.99	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	21,965,099.65	
RC698200 - Insurance Recoveries	-	-	-	-	-	-	6,743.42	
Revenue Over/ (Under) Expenses							3,928,804.84	

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

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	54,086,000.00	41,960.45	-	-	1,721,897.06	1,721,897.06	50,063,064.50	4,022,935.50
1 > Administration	620,000.00	260.52	-	-	923.78	923.78	49,926.75	570,073.25
1 > Engineering	446,000.00	6,683.80	-	-	14,845.43	14,845.43	354,987.78	91,012.22
1 > Engineering Consultants	3,987,000.00	-	-	-	101,530.43	101,530.43	4,424,498.52	(437,498.52)
1 > Facility Acquisition	40,857,000.00	-	-	-	1,516,872.63	1,516,872.63	42,834,292.33	(1,977,292.33)
1 > Inspection	285,000.00	5,950.56	-	-	10,362.56	10,362.56	447,919.31	(162,919.31)
1 > Legal and Financial	2,417,000.00	29,065.57	-	-	127,362.23	127,362.23	703,345.92	1,713,654.08
1 > STANDARD	130,000.00	-	-	-	(50,000.00)	(50,000.00)	1,245,943.58	(1,115,943.58)
1 > Survey	34,000.00	-	-	-	-	-	2,150.31	31,849.69
Project Revenues	-	-	-	-	1,613,754.28	(1,613,754.28)	53,576,909.97	
RC605572 - Special Assessments Revenue	-	-	-	-	1,613,754.28	(1,613,754.28)	10,969,811.96	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	41,837,622.01	
RC698200 - Insurance Recoveries	-	-	-	-	-	-	769,476.00	
Revenue Over/ (Under) Expenses							3,513,845.47	

OCM Project Work In Progress

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

Project	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	-	-	-	-	-	757,136.57	(757,136.57)
1 > Administration	-	-	-	-	-	242,201.57	(242,201.57)
1 > Legal and Financial	-	-	-	-	-	514,935.00	(514,935.00)
Project Revenues	38,698.14	-	-	78,627.99	(78,627.99)	3,834,776.80	
RC605572 - Special Assessments Revenue	-	-	-	-	-	894,060.05	
RC655077 - Accrued Interest Adjustments	-	-	-	-	-	86,724.04	
RC655385 - Income from Investments	38,698.14	-	-	78,627.99	(78,627.99)	1,767,905.38	
RC655462 - Increase Market Value Investment	-	-	-	-	-	1,084.24	
RC697219 - Premiums on Bonds Sold	-	-	-	-	-	7,672,724.75	
RC697551 - Issuance of Bonds	-	-	-	-	-	(6,587,721.66)	
Revenue Over/ (Under) Expenses						3,077,640.23	

YTD Trial Balance Fund: 84918 NIEA Contract #2 As of Fiscal Period: Month 3, 2025		NIEA Contract #2 Bond Issue PRJ-17384	NIEA Contract #2 Construction PRJ-17408	YTD Balance
100100	Cash - Operating	337,542.64	8,511,709.25	8,849,251.89
	ASSETS	337,542.64	8,511,709.25	8,849,251.89
201210	Vouchers Payable AP Cont		(219,034.60)	(219,034.60)
222300	Unearned Revenues		(4,009,859.03)	(4,009,859.03)
	LIABILITIES	0.00	(4,228,893.63)	(4,228,893.63)
605000	Special Assessments Revenue		(5,359,369.12)	(5,359,369.12)
655000	Income From Investments	(59,245.72)		(59,245.72)
	REVENUES	(59,245.72)	(5,359,369.12)	(5,418,614.84)
730000	Contractual Services		436,582.65	436,582.65
770000	Internal Support Expenditures		193.20	193.20
	EXPENSES	0.00	436,775.85	436,775.85
382100	FB Committed for Capital Proj	(278,296.92)	639,777.65	361,480.73
	Fund Balance	(278,296.92)	639,777.65	361,480.73
		0.00	0.00	0.00

Cash as of 12/31/2024 \$ 8,849,251.89

Invoices/Reimbursements for Construction PRJ-17408 on Current Agenda impacting Cash Balance (43,578.08)

Total Net Cash Balance \$ 8,805,673.81

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

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	15,600,000.00	219,227.80	-	-	436,775.85	436,775.85	9,316,575.06	6,283,424.94
1 > Engineering	235,465.00	193.20	-	-	193.20	193.20	909.36	234,555.64
1 > Engineering Consultants	2,089,000.00	-	-	-	82,695.89	82,695.89	1,218,837.35	870,162.65
1 > Facility Acquisition	12,596,000.00	219,034.60	-	-	353,801.26	353,801.26	7,620,413.84	4,975,586.16
1 > STANDARD	15,796.00	-	-	-	85.50	85.50	476,414.51	(460,618.51)
Project Revenues	-	-	-	-	5,359,369.12	(5,359,369.12)	13,599,390.68	
RC605572 - Special Assessments Revenue	-	-	-	-	5,359,369.12	(5,359,369.12)	5,552,583.97	
RC631827 - Reimb General	-	-	-	-	-	-	2,250,000.00	
RC697219 - Premiums on Bonds Sold	-	-	-	-	-	-	176,878.45	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	5,619,928.26	
Revenue Over/ (Under) Expenses							4,282,815.62	

Company	Oakland County
---------	----------------

Oakland County

PRJ-17384 OMIDDD NIEA Contract2 Bond Adm

Project Task

FY2025 - Dec

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	29,405.82	-	-	59,245.72	(59,245.72)	462,165.14	
RC655385 - Income from Investments	29,405.82	-	-	59,245.72	(59,245.72)	352,093.40	
RC697551 - Issuance of Bonds	-	-	-	-	-	110,071.74	
Revenue Over/ (Under) Expenses						337,542.64	

YTD Trial Balance FND84919 OMIDDD Odor and Corrosion Control As of Fiscal Period: Month 3, 2025		OMIDDD NI-EA Odor Corrosion Funding PRJ-17668	OMID Odor/Corrosion System Construct PRJ-17705	YTD Balance
100100	Cash - Operating	7,993,413.91	(5,803.65)	7,987,610.26
	ASSETS	7,993,413.91	(5,803.65)	7,987,610.26
222300	Unearned Revenues	(7,906,507.04)		(7,906,507.04)
	LIABILITIES	(7,906,507.04)	0.00	(7,906,507.04)
655000	Income From Investments	(50,562.76)		(50,562.76)
	REVENUES	(50,562.76)	0.00	(50,562.76)
770000	Internal Support Expenditures		5,803.65	5,803.65
	EXPENSES	0.00	5,803.65	5,803.65
382100	FB Committed for Capital Proj	(36,344.11)	0.00	(36,344.11)
	Fund Balance	(36,344.11)	0.00	(36,344.11)
		0.00	0.00	(0.00)

Cash as of 12/31/2024 \$ 7,987,610.26

Invoices/Reimbursements for Construction PRJ-17408 on Current Agenda impacting Cash Balance (270,199.20)

Total Net Cash Balance \$ 7,717,411.06

Company	Oakland County
Projects and Project Hierarchies	PRJ-17668 OMIDDD NI-EA Odor Corrosion Funding
Budget Structure	Project Task
Budget Name	
Period	FY2025 - Dec

Project	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	-	-	-	-	-	-	-
Project Revenues	25,914.47	-	-	50,562.76	(50,562.76)	86,906.87	
RC655385 - Income from Investments	25,914.47	-	-	50,562.76	(50,562.76)	86,906.87	
Revenue Over/ (Under) Expenses						86,906.87	

Company	Oakland County
Projects and Project Hierarchies	PRJ-17705 OMID Odor/Corrosion System Construct
Budget Structure	Project Task
Budget Name	
Period	FY2025 - Dec

Project	Final Budget	Actuals	Commitments	Obligations YTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	11,400,000.00	1,808.10	-	7,419,000.00	5,803.65	7,424,803.65	6,302.61	11,393,697.39
1 > Administration	-	-	-	-	998.22	998.22	998.22	(998.22)
1 > Engineering	193,000.00	1,808.10	-	-	4,584.10	4,584.10	5,083.06	187,916.94
1 > Inspection	295,000.00	-	-	-	221.33	221.33	221.33	294,778.67
Project Revenues	-	-	-	-	-	-	498.96	
RC605572 - Special Assessments Revenue	-	-	-	-	-	-	498.96	
Revenue Over/ (Under) Expenses							(5,803.65)	

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

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	5,203,681.27	2,515,991.49	7,598,932.38	4,449,450.29		19,768,055.43
84917	OMIDD Seg 5						
	- Project 1-3252 Interceptor Seg 5					3,077,640.23	
	- Project 1-3308 NI - EA Construction					3,928,804.84	
	- Project 1-3309 NESPS Construction					<u>3,513,845.47</u>	<u>10,520,290.54</u>
84918	OMIDDD North Interceptor East Arm – Contract #2						
	- Project: PRJ-17384 OMIDDD NIEA Contract2 Bond Adm					337,542.64	
	- Project: PRJ-17408 OMIDDD NIEA Contract2 Construction					<u>4,282,815.62</u>	<u>4,620,358.26</u>
84919	OMIDDD North Interceptor East Arm – Contract #2						
	- Project: PRJ-17688 OMIDDD NIEA Odor Corrosion Bond Adm					86,906.87	
	- Project: PRJ-17705 OMID Odor/Corrosion System Construction					<u>(5,803.65)</u>	<u>81,103.22</u>
Total Equity in Maintenance and Construction Funds							<u><u>34,989,807.45</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 1/15/2025

		84917	84917	84918	84919	82912	
		1-3308	1-3309	1-7408	1-7705		
<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>Odor/ Corrosion System Construct</u>	<u>Operations & Maintenance</u>	<u>Total</u>
Oakland County *	WRC Labor/Fringes/Non-direct Labor (11/30/2024 - 12/27/2024)	3,488.90	12,473.10	187.72	1,769.74		17,919.46
Oakland County *	WRC Equipment (11/30/2024 - 12/27/2024)	84.22	421.78	5.48	38.36		549.84
Clark Hill PLC	Invoice #1511484 Matter 463149 Walsh Construction Svs Through 11/30/2024						0.00
Applied Science, Inc	Invoice # 69 (ASI Inv. #8984) Services 10/27/24 to 11/30/24		96,647.81				96,647.81
HESCO (Hamlett)	Invoice # 242590 Flow Control Structures					8,121.85	8,121.85
HESCO (Hamlett)	Invoice # 242598 Flow Control Structures					6,453.85	6,453.85
Kennedy Industries	Invoice # 643633 - NEPS Pump Field Service 9/20/24 & 9/21/24					15,096.67	15,096.67
Kennedy Industries	Invoice # 644228 - NEPS Pump Field Service 11/1/24					1,137.50	1,137.50
Kennedy Industries	Invoice # 644333 - NEPS Pump Field Service 11/6/24 & 11/7/24					3,881.00	3,881.00
Lardner Elevator Company	Invoice # 203389 - Elevator Maintenance November 2024					204.00	204.00
METCO Consulting Engineers	Invoice # 1811-72 12/2/2024 Through 12/29/2024					105,329.63	105,329.63
Motor City Electric Technologies	Invoice # 96128 Misc T&M SCADA Work 11/18/24					420.00	420.00
Motor City Electric Technologies	Invoice # 96129 Misc T&M SCADA Work 11/19/24					131.25	131.25
Motor City Electric Technologies	Invoice # 96144 Misc T&M SCADA Work 12/3/24					961.00	961.00
Motor City Electric Technologies	Invoice # 96145 Misc T&M SCADA Work 12/4/24					52.50	52.50
NTH Consultants	Invoice # 638007 (D-458 & D-463) Engineering Services 11/23/2024 - 12/20/2024			43,578.08			43,578.08
PM Technologies	Invoice # 95183950 NESPS Equip Rental 10/03/2024					42,636.00	42,636.00
PM Technologies	Invoice # 104573016 NESPS Generator 1 11/26/2024					350.00	350.00
PM Technologies	Invoice # 105033457 NESPS Generator 3 12/10/2024					831.18	831.18
PM Technologies	Invoice # 105110371 NESPS Monthly inspection 12/23/2024					350.00	350.00
PMA Consultants	Invoice # 03559.01 - 54 Professional Services NESPS 11/01 - 11/30/24		17,781.74				17,781.74
Rotor Electric	Invoice # 12818 Pump 4 VFD Replacement					226,307.35	226,307.35
Commercial Contracting Corp	Construction Estimate # 1 Odor and Corrosion Systems				219,582.00		219,582.00
Commercial Contracting Corp	Construction Estimate # 2 Odor and Corrosion Systems				50,617.20		50,617.20
Walsh Construction	Construction Estimate # 51 NESPS Pump & Electircal Upgrades Project		128,787.64				128,787.64
Total Invoices/Reimbursements for Approval		3,573.12	256,112.07	43,771.28	272,007.30	412,263.78	987,727.55
* Less WRC Charges already paid from OMI Fund		(3,573.12)	(12,894.88)	(193.20)	(1,808.10)		(18,469.30)
Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board		0.00	243,217.19	43,578.08	270,199.20	412,263.78	969,258.25

Agenda Item No. 13

Invoices

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								11/30/2024	-	12/27/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1287147	12/5/2024	11/18/2024	BROWN, JOEL	2.50	\$364.50	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/5/2024	11/19/2024	BROWN, JOEL	3.00	\$437.40	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/5/2024	11/20/2024	BROWN, JOEL	3.50	\$510.30	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/5/2024	11/21/2024	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/5/2024	11/25/2024	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/5/2024	11/26/2024	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/5/2024	11/27/2024	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/2/2024	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/3/2024	BROWN, JOEL	0.50	\$72.90	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/4/2024	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/5/2024	BROWN, JOEL	6.00	\$874.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/6/2024	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/9/2024	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/11/2024	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/12/2024	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/16/2024	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/17/2024	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/18/2024	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/19/2024	BROWN, JOEL	3.50	\$510.30	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/20/2024	BROWN, JOEL	1.50	\$218.70	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	12/23/2024	12/23/2024	BROWN, JOEL	1.50	\$218.70	REGULAR	WRCCON	PRJ-13309		ENGINEERING
			BROWN, JOEL Total		\$5,686.20					
1094845	12/10/2024	11/5/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	12/10/2024	11/7/2024	POUSHO, ROBERT	10.00	\$579.80	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	12/10/2024	11/12/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	12/10/2024	11/14/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	12/10/2024	11/19/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	12/10/2024	11/21/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	12/10/2024	11/26/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	12/10/2024	12/3/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	12/10/2024	12/10/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	12/10/2024	12/12/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	12/19/2024	12/17/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	12/19/2024	12/19/2024	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
			POUSHO, ROBERT Total		\$5,682.04					
1131289	12/4/2024	11/18/2024	PUSCAS, JACK J	0.50	\$52.71	OVERTIME	WRCADM	PRJ-13309		ENGINEERING
1131289	12/4/2024	11/18/2024	PUSCAS, JACK J	2.00	\$187.72	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	12/4/2024	11/20/2024	PUSCAS, JACK J	2.00	\$187.72	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	12/4/2024	11/25/2024	PUSCAS, JACK J	1.00	\$93.86	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	12/18/2024	12/2/2024	PUSCAS, JACK J	0.50	\$52.71	OVERTIME	WRCADM	PRJ-13309		ENGINEERING
1131289	12/18/2024	12/2/2024	PUSCAS, JACK J	2.00	\$187.72	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	12/18/2024	12/9/2024	PUSCAS, JACK J	1.00	\$93.86	REGULAR	WRCADM	PRJ-13309		ENGINEERING
			PUSCAS, JACK J Total		\$856.30					
1255122	12/12/2024	12/11/2024	ROBERTOY, KATY	4.00	\$248.56	REGULAR	WRCCON	PRJ-13309		ADMINISTRATION
			ROBERTOY, KATY Total		\$248.56					
			Grand Total		\$12,473.10					

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								11/30/2024	- 12/27/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1287147	12/5/2024	11/18/2024	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/18/2024	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/18/2024	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/19/2024	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/19/2024	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/19/2024	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/20/2024	BROWN, JOEL	3.50	\$1.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/20/2024	BROWN, JOEL	3.50	\$8.19	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/20/2024	BROWN, JOEL	3.50	\$0.88	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/21/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/21/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/21/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/25/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/25/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/25/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/26/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/26/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/26/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/27/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/27/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/5/2024	11/27/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/2/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/2/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/2/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/3/2024	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/3/2024	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/3/2024	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/4/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/4/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/4/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/5/2024	BROWN, JOEL	6.00	\$2.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/5/2024	BROWN, JOEL	6.00	\$14.04	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/5/2024	BROWN, JOEL	6.00	\$1.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/6/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/6/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/6/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/9/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/9/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/9/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/11/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/11/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/11/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/12/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/12/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/12/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/16/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/16/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/16/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/17/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/17/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/17/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/18/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/18/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/18/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/19/2024	BROWN, JOEL	3.50	\$1.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/19/2024	BROWN, JOEL	3.50	\$8.19	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/19/2024	BROWN, JOEL	3.50	\$0.88	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/20/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/20/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/20/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/23/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/23/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1287147	12/23/2024	12/23/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
			BROWN, JOEL Total		\$116.64				
1094845	12/10/2024	11/5/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	12/10/2024	11/5/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION

1094845	12/10/2024	11/7/2024	POUSHO, ROBERT	10.00	\$4.00	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	12/10/2024	11/7/2024	POUSHO, ROBERT	10.00	\$23.40	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	12/10/2024	11/12/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	12/10/2024	11/12/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	12/10/2024	11/14/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	12/10/2024	11/14/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	12/10/2024	11/19/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	12/10/2024	11/19/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	12/10/2024	11/21/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	12/10/2024	11/21/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	12/10/2024	11/26/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	12/10/2024	11/26/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	12/10/2024	12/3/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	12/10/2024	12/3/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	12/10/2024	12/10/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	12/10/2024	12/10/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	12/10/2024	12/12/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	12/10/2024	12/12/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	12/19/2024	12/17/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	12/19/2024	12/17/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	12/19/2024	12/19/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	12/19/2024	12/19/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
			POUSHO, ROBERT Total		\$268.52				
1131289	12/4/2024	11/18/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	12/4/2024	11/18/2024	PUSCAS, JACK J	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	12/4/2024	11/18/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	12/4/2024	11/18/2024	PUSCAS, JACK J	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	12/4/2024	11/20/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	12/4/2024	11/20/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	12/4/2024	11/25/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	12/4/2024	11/25/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	12/18/2024	12/2/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	12/18/2024	12/2/2024	PUSCAS, JACK J	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	12/18/2024	12/2/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	12/18/2024	12/2/2024	PUSCAS, JACK J	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	12/18/2024	12/9/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	12/18/2024	12/9/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total		\$24.66				
1255122	12/12/2024	12/11/2024	ROBERTOY, KATY	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13309	ADMINISTRATION
1255122	12/12/2024	12/11/2024	ROBERTOY, KATY	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13309	ADMINISTRATION
1255122	12/12/2024	12/11/2024	ROBERTOY, KATY	4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ADMINISTRATION
			ROBERTOY, KATY Total		\$11.96				
			Grand Total		\$421.78				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -							11/30/2024	-	12/27/2024	
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity	
1094815	12/23/2024	12/4/2024	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	12/23/2024	12/16/2024	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	12/23/2024	12/3/2024	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	12/23/2024	12/2/2024	BROWN, JOEL	1.50	\$218.70	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	12/5/2024	11/19/2024	BROWN, JOEL	0.50	\$72.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	12/5/2024	11/18/2024	BROWN, JOEL	1.50	\$218.70	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
			BROWN, JOEL Total		\$1,093.50					
1208707	12/3/2024	11/18/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	12/20/2024	12/4/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	12/20/2024	12/3/2024	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	12/20/2024	12/2/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	12/3/2024	11/26/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	12/3/2024	11/25/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	12/3/2024	11/25/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	12/3/2024	11/20/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	12/3/2024	11/19/2024	COOK, JENNIFER	3.00	\$379.23	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	12/20/2024	12/12/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	12/20/2024	12/11/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	12/20/2024	12/10/2024	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
			COOK, JENNIFER Total		\$2,022.56					
1300925	12/12/2024	12/12/2024	ROBERTOY, KATY	4.00	\$248.56	REGULAR	WRCCON	PRJ-13308	ADMINISTRATION	
1301175	12/13/2024	12/12/2024	ROBERTOY, KATY	2.00	\$124.28	REGULAR	WRCCON	PRJ-13308	ADMINISTRATION	
			ROBERTOY, KATY Total		\$372.84					
			Grand Total		\$3,488.90					

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								11/30/2024	- 12/27/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	12/5/2024	11/18/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	12/5/2024	11/18/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	12/5/2024	11/18/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	12/5/2024	11/19/2024	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	12/5/2024	11/19/2024	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	12/5/2024	11/19/2024	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	12/23/2024	12/2/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	12/23/2024	12/2/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	12/23/2024	12/2/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	12/23/2024	12/3/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	12/23/2024	12/3/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	12/23/2024	12/3/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	12/23/2024	12/4/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	12/23/2024	12/4/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	12/23/2024	12/4/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	12/23/2024	12/16/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	12/23/2024	12/16/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	12/23/2024	12/16/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		\$22.44				
1208707	12/3/2024	11/18/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	12/3/2024	11/18/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	12/3/2024	11/19/2024	COOK, JENNIFER	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	12/3/2024	11/19/2024	COOK, JENNIFER	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	12/3/2024	11/20/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	12/3/2024	11/20/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	12/3/2024	11/25/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	12/3/2024	11/25/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	12/3/2024	11/25/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	12/3/2024	11/25/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	12/3/2024	11/26/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	12/3/2024	11/26/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	12/20/2024	12/2/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	12/20/2024	12/2/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	12/20/2024	12/3/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	12/20/2024	12/3/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	12/20/2024	12/4/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	12/20/2024	12/4/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	12/20/2024	12/10/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	12/20/2024	12/10/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	12/20/2024	12/11/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	12/20/2024	12/11/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	12/20/2024	12/12/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	12/20/2024	12/12/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
			COOK, JENNIFER Total		\$43.84				
1300925	12/12/2024	12/12/2024	ROBERTOY, KATY	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13308	ADMINISTRATION
1301175	12/13/2024	12/12/2024	ROBERTOY, KATY	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ADMINISTRATION
1300925	12/12/2024	12/12/2024	ROBERTOY, KATY	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13308	ADMINISTRATION
1301175	12/13/2024	12/12/2024	ROBERTOY, KATY	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ADMINISTRATION
1300925	12/12/2024	12/12/2024	ROBERTOY, KATY	4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13308	ADMINISTRATION
1301175	12/13/2024	12/12/2024	ROBERTOY, KATY	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ADMINISTRATION
			ROBERTOY, KATY Total		\$17.94				
			Grand Total		\$84.22				

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								11/30/2024	-	12/27/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1262419	12/4/2024	11/20/2024	PUSCAS, JACK J	2.00	\$187.72	REGULAR	WRCADM	PRJ-17408		ENGINEERING
			PUSCAS, JACK J Total		\$187.72					
			Grand Total		\$187.72					

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								11/30/2024	-	12/27/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1262419	12/4/2024	11/20/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17408		ENGINEERING
1262419	12/4/2024	11/20/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17408		ENGINEERING
			PUSCAS, JACK J Total		\$5.48					
			Grand Total		\$5.48					

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								11/30/2024	-	12/27/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1286152	12/20/2024	12/13/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/12/2024	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/10/2024	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/9/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/6/2024	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/5/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/4/2024	COOK, JENNIFER	3.00	\$379.23	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/3/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/2/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
			COOK, JENNIFER Total		\$1,769.74					
			Grand Total		\$1,769.74					

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								11/30/2024	-	12/27/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1286152	12/20/2024	12/2/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/2/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/3/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/3/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/4/2024	COOK, JENNIFER	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/4/2024	COOK, JENNIFER	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/5/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/5/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/6/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/6/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/9/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/9/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/10/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/10/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/12/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/12/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/13/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705		ENGINEERING
1286152	12/20/2024	12/13/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705		ENGINEERING
			COOK, JENNIFER Total		\$38.36					
			Grand Total		\$38.36					



Applied Science, Inc.

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

12/13/2024

Project Invoice #69 (ASI Inv. 8984)

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: 10/27/24-11/30/24

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

li#4133 v#352

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:	\$ -

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

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 29,296.50
	Subconsultants:	
	NTH Consultants	\$ 31,449.60
	Metco Services	\$ 28,405.00
	FK Engineering:	\$ 4,289.50
	ASI Markup 5%:	\$ 3,207.21
	Total Due This Invoice:	\$ 96,647.81

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:	\$ -

Summary

Total Due This Invoice Tasks #1-6:	\$ 96,647.81
Amount Invoiced to Date Tasks #1-6:	\$ 5,753,893.72
Total Due This Invoice MCC Incident (separate invoice):	\$ -
Amount Invoiced to date for MCC Incident (separate invoice):	\$ 68,336.23
Total Due This Invoice Pump Issues (separate invoice):	\$ -
Amount Invoiced to date for Pump Issues (separate invoice):	\$ 25,680.00
Total Invoiced To-Date:	\$ 5,847,909.95
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:	\$ 368,173.65



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

Invoice No. 242590

Date: 10/31/2024

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

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

Contact: Terry Moore P.O.# WO# 1321 CS-9 Salesperson: John Sullens Due Date: 11/30/2024

Description	Unit	Quantity	Price	Amount
WO# 1321 CS-9, October 22, 2024				
Senior Tech	Hours	7.50	195.00	1,462.50
Tech I	Hours	7.50	185.00	1,387.50
Tech II	Hours	9.25	175.00	1,618.75
Ventilation Support	Day	1.00	2,887.50	2,887.50
Doetsch Crew				
Rando HD22 Hydraulic Oil	Gallon	30.00	25.52	765.60
Filters@N/C				
High Pressure NZ10 (qty. 2)				
Return P171537 (Qty. 1)				
Set of filters came with Sunsource HPU and was utilized for this service event.				

Notes:

Field Service Sheet Enclosed

TM-12-16-24

ACH PAYMENTS:
HESCO GROUP LLC

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

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

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

Non-Taxable Amount:	8,121.85
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	8,121.85

Retention:	0.00
Payments/Credits:	0.00
Amount Due	8,121.85



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

WO
1348

Invoice No. 242598

Date: 11/07/2024

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# 1348. CS-9 Salesperson: John Sullens Due Date: 12/07/2024

Description	Unit	Quantity	Price	Amount
WO# 1348, CS-9 Oct. 24, 2024				
Senior Tech	Hours	5.25	195.00	1,023.75
Tech I	Hours	5.25	185.00	971.25
Tech II	Hours	8.25	175.00	1,443.75
Ventilation Support	Day	1.00	2,887.50	2,887.50
Doetsch Crew				
Rando HD22 Hydraulic Oil	Gallon	5.00	25.52	127.60

Notes:

Field Service Sheet Enclosed

TM-12-9-24

ACH PAYMENTS:
HESCO GROUP LLC

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

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

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

Page 1

Non-Taxable Amount:	6,453.85
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	6,453.85

Retention:	0.00
Payments/Credits	0.00
Amount Due	6,453.85



WATER TREATMENT
FLOW CONTROL
PROCESS
AUTOMATION



WO#1274

INVOICE		
DATE	NUMBER	PAGE
9/27/2024	643633	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		0126071	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 (3 AND 2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 9/20/24 AND 9/21/24. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$15,096.67	\$15,096.67
------	------	-------------------	---	-------------	-------------

TOTAL REFLECTS THE BELOW:

(46.5) HOURS OF LABOR, MILEAGE AND FUEL SURCHARGE

PARTS USED ONSITE:

JOINT CLUTCH - SHAFTS - \$5,307.97 x 15% = \$6,104.17

TM-12-124

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

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.

***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: \$ 15,096.67

TAX: \$ 0.00

TOTAL: \$ 15,096.67

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

www.KennedyInd.com



PUMPING & PUMP
FLOW CONTROL
PROCESS
AUTOMATION



WO# 1355

INVOICE		
DATE	NUMBER	PAGE
11/8/2024	644228	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 OAKLAND MACOMB INTERCEPTOR DRA
H
I
P
T
O

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

ATTENTION:

DARRIN GREEN

586-214-5877

DBGreen@metcoservices.com

CUSTOMER REF/PO #		JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
W.O. 01318		0126884	GREAT LAKES WATER AUTHORITY, NORTHEAST PUMP STATION, FIELD SERVICE, WATER	SAH/BJE	FIELD SERVICE	NET 60
QUANTITY		PART NO.	DESCRIPTION		UNIT PRICE	EXTENDED
B/O	Ship					

0.00	1.00	OMI100	OAKLAND MACOMB INTERCEPTOR DRA KENNEDY INDUSTRIES PROVIDED (1) FIELD SERVICE TECHNICIAN ONSITE ON 11/01/24. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$1,137.50	\$1,137.50
------	------	--------	---	------------	------------

TOTAL REFLECTS THE BELOW:

(7) HOURS OF LABOR X \$146.00 = \$1,022.00

MILEAGE: \$66.00

FUEL SURCHARGE:\$49.50

TM-1-6-25

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

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

***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: \$ 1,137.50

TAX: \$ 0.00

TOTAL: \$ 1,137.50

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

www.KennedyInd.com



PUMPING, REPAIR
FLOW CONTROL
PROCESS
AUTOMATION



W0#1358

INVOICE		
DATE	NUMBER	PAGE
11/18/2024	644333	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		0126904	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 ONSITE ON 11/6/24 AND 11/7/24. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$3,881.00	\$3,881.00
------	------	-------------------	--	------------	------------

TOTAL REFLECTS THE BELOW:

(22) HOURS OF LABOR, MILEAGE AND FUEL SURCHARGE

TM-1-6-25

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

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

***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: \$ 3,881.00

TAX: \$ 0.00

TOTAL: \$ 3,881.00

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

INVOICE

WO#1354

203389

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

Nov 01, 2024	Upon Receipt	Detroit Route	4746
203389		LECO	Maintenance

Quantity	Description	Unit	Rate	Amount
1.00	Elevator Maintenance Service for November, 2024	No	Each	204.00
				\$204.00
Elevator Maintenance Service for November, 2024				
<i>TM-12-10-24</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 # 203389

Amount \$ 204.00

Paid

\$



12835 Stephens Road · Warren · Michigan · 48089 · (586) 920-2620 · Fax (586) 510-4433

INVOICE NO. 1811-72

DATE: January 2, 2025

METCO PROJECT NO. 1811

INVOICE PERIOD: 12/02 through 12/29/2024

Contract ID 000000000000000000005517

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)

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 225.75	\$ -
Terry Moore	Operations Manager	38.0	\$ 162.00	\$ 6,156.00
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Darrin Green	Staff Engineer	30.0	\$ 102.00	\$ 3,060.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Anthony Vozza	Staff Engineer	60.0	\$ 102.00	\$ 6,120.00
Anthony Vozza	Staff Engineer-(Overtime)	17.0	\$ 153.00	\$ 2,601.00
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -
Subtotal OMID Operatons:			\$	17,937.00

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

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 225.75	\$ 1,806.00
Terry Moore	Operations Manager	44.0	\$ 162.00	\$ 7,128.00
Terry Moore	Operations Manager (Overti	12.0	\$ 204.75	\$ 2,457.00
Darrin Green	Staff Engineer	30.0	\$ 102.00	\$ 3,060.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 102.00	\$ -
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Rosana Santos	Administrative Assoc.	4.0	\$ 77.48	\$ 309.92
Subtotal NEPS Operations			\$	14,760.92

Subtotal Operations \$ 32,697.92

Maintenance & Asset Management

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

Name	Title	Hrs.	Rate/Hr.	Amount
Terry Moore	Operations Manager	38.0	\$ 162.00	\$ 6,156.00
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Daniel Martel	Sr. Project Coordinator	0.0	\$ 152.25	\$ -
Shailesh Patel	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 102.00	\$ -
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Darrin Green	Staff Engineer	0.0	\$ 102.00	\$ -
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Sweta Soni	Designer/Drafter	0.0	\$ 101.00	\$ -
Youstina Gaid	Drafter	0.0	\$ 101.00	\$ -
Subtotal OMID Maintenance:			\$	6,156.00

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	38.0	\$ 162.00	\$ 6,156.00
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Daniel Martel	Sr. Project Coordinator	29.5	\$ 152.25	\$ 4,491.38
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	60.0	\$ 102.00	\$ 6,120.00
Darrin Green	Staff Engineer-(Overtime)	7.0	\$ 153.00	\$ 1,071.00
Anthony Vozza	Staff Engineer	60.0	\$ 102.00	\$ 6,120.00
Anthony Vozza	Staff Engineer-(Overtime)	6.0	\$ 153.00	\$ 918.00
Abhishek Shah	Staff Engineer	0.0	\$ 102.00	\$ -
Sweta Soni	Designer/Drafter	0.0	\$ 105.50	\$ -
Keli Mills	Administrative Assoc.	0.0	\$ 77.48	\$ -
	Subtotal:		\$	26,682.38
	Maintenance Services (see attached invoices):		\$	27,667.33
	Subtotal NEPS Maintenance:		\$	54,349.71

Subtotal Maintenance: \$ 60,505.71**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	16.0	\$ 152.25	\$ 2,436.00
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	95.0	\$ 102.00	\$ 9,690.00
Brandon Brochue	Designer/Drafter	0.0	\$ 101.00	\$ -

Subtotal Maintenance: \$ 12,126.00**TOTAL AMOUNT DUE THIS INVOICE: \$ 105,329.63**



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#1365

INVOICE

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

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
925567	0	001	11/18/2024	11/27/2024	96128

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MISC T&M SCADA	\$420.00		\$420.00	\$420.00		
Totals:		\$420.00		\$420.00	\$420.00		
Less Retained:							
Invoice Total:				\$420.00			

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 11/18/2024

TM-12-10-24

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"

W0#1344

INVOICE

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

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
925567	0	001	11/19/2024	12/2/2024	96129

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complets & Stored	Balance To Finish	Current Retainage
001	MISC. T&M SCADA	\$131.25	-	\$131.25	\$131.25	-	-
Totals:		\$131.25		\$131.25	\$131.25		
Less Retained:				-			
Invoice Total:				\$131.25			

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 11/19/24

T/M 12-10-24

complete electrical construction

"We herby 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#1345

INVOICE

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

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
925567	0	001	12/3/2024	12/5/2024	96144

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MISC. T&M SCADA	\$961.00	-	\$961.00	\$961.00	-	-
Totals:		\$961.00		\$961.00	\$961.00		
Less Retained:				-			
Invoice Total:				\$961.00			

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 12/3/2024

TM - 12-10-24

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"

W0 1375

INVOICE

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

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
925567	0	001	12/4/2024	12/5/2024	96145

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MISC T&M SCADA	\$52.50	-	\$52.50	\$52.50	-	-
Totals:		\$52.50		\$52.50	\$52.50		
Less Retained:				-			
Invoice Total:				\$52.50			

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 12/4/2024

TM-12-10-24

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**84918-149015-730639-
PRJ17408-1ENG_CONSULT-WDDCCON8173**OMI Drain Drainage District
One Public Works Drive
Building 95 West
Waterford, MI 48328Invoice # : 638007
Project : 23001693
Invoice Group : **
Invoice Date : 1/2/2024

Attention: Jen Cook, P.E.

For Professional Services Rendered from 11/23/2024 - 12/20/2024

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:	69.13%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		6,923.85	\$ 256,614.27
Overhead %	188.00	13,016.84	482,434.82
Total Regular Labor Expense		19,940.69	739,049.09
Total Direct Labor		19,940.69	739,049.09
Profit / Fixed Fee %	12.00	2,392.88	88,685.89
Direct Expenses Charge		29.83	41,226.71
Expense Multiplier %	5.00	1.49	2,061.29
Direct Subcontractor Charge		20,012.44	422,040.14
Subcontractor/Subconsultant Multiplier %	6.00	1,200.75	25,322.45
Total Other Direct Charges Reimbursables		21,244.51	490,650.59
Total Costs:		43,578.08	1,318,385.58
Total Due This Invoice		\$ 43,578.08	\$ 1,318,385.58



28294 Beck Road
Wixom, Michigan 48393
800-419-5199
pmttech.org

BILL TO

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

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

INVOICE
95183950

INVOICE DATE
10/3/2024

JOB ADDRESS

Northeast Sewage Pumping Station - Generator #1 1825kw
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date 10/3/2024

Customer PO # WO #01223

Payment Term NET 30

Due Date 11/2/2024

DESCRIPTION OF WORK

WO #01223

TASK	DESCRIPTION	QTY	PRICE	TOTAL
2 Meg weekly	Rental of 2 Meg generator per week	2.00	\$9,318.00	\$18,636.00
MATERIAL	DESCRIPTION	QUANTITY	PRICE	TOTAL
RENTEQUIP1	Equipment Rental	2.00	\$12,000.00	\$24,000.00

SUB-TOTAL \$42,636.00

TOTAL DUE \$42,636.00
PAYMENT \$0.00

BALANCE DUE \$42,636.00

Thank you for choosing PM Technologies

TM-12-16-24

WO#1353



PM Technologies
28294 Beck Road
Wixom, Michigan 48393
800-419-5199
pmtech.org

BILL TO

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

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

INVOICE
104573016

INVOICE DATE
11/26/2024

JOB ADDRESS

Northeast Sewage Pumping Station - Generator 1
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date 11/26/2024

Customer PO #

Payment Term NET 30

Due Date 12/26/2024

DESCRIPTION OF WORK

WO #01353

Quarterly inspection complete, checked hoses, clamps, air filters, belts, and connections. Ran engine to temp, tested battery voltage. Inspection finds no issues at this time. Unit in auto

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Monthly Inspections	Monthly Inspection	1.00	\$350.00	\$350.00
	Perform Secondary Inspection on generator and transfer switch(es).			
	Update on-site maintenance log (as applicable)			
	**excludes live transfer test			

SUB-TOTAL \$350.00

TOTAL DUE \$350.00
PAYMENT \$0.00

BALANCE DUE \$350.00

Thank you for choosing PM Technologies

TM-1-6-25



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

BILL TO

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

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

INVOICE
105033457

INVOICE DATE
12/10/2024

JOB ADDRESS

Northeast Sewage Pumping Station - Generator #3 1825kw
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date 12/10/2024

Customer PO #

Payment Term NET 30

Due Date 1/9/2025

DESCRIPTION OF WORK

WO #01369

12/9/24 arrived on site. Turned off battery charger. Replaced both batteries. Coated all terminals. Generator returned to auto.

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Commerical Labor	Normal Business Hours (M-F 7:30 AM - 4:30 PM)	2.00	\$129.00	\$258.00

Shop Surcharge	Shop Surcharge	1.00	\$18.06	\$18.06
----------------	----------------	------	---------	---------

MATERIAL	DESCRIPTION	QUANTITY	PRICE	TOTAL
8D BATT	GROUP 8D 12V COMM 1400CCA TOP POST	2.00	\$277.56	\$555.12

SUB-TOTAL \$831.18

TOTAL DUE \$831.18

PAYMENT \$0.00

BALANCE DUE \$831.18

Thank you for choosing PM Technologies
CUSTOMER AUTHORIZATION

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

Sign here

Date 12/9/2024



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

BILL TO

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

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

INVOICE
105110371

INVOICE DATE
12/23/2024

JOB ADDRESS

Northeast Sewage Pumping Station - Generator #1 1825kw
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date 12/23/2024

Customer PO #

Payment Term NET 30

Due Date 1/22/2025

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Monthly Inspections	Monthly Inspection	1.00	\$350.00	\$350.00
	Perform Secondary Inspection on generator and transfer switch(es).			
	Update on-site maintenance log (as applicable)			
	**excludes live transfer test			

SUB-TOTAL \$350.00

TOTAL DUE \$350.00
PAYMENT \$0.00

BALANCE DUE \$350.00

Thank you for choosing PM Technologies

TM-12-23-24



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

December 13, 2024

Invoice No: 03559.01 - 54

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

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

Professional Services from November 1, 2024 to November 30, 2024

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

Professional Personnel

	Hours	Rate	Amount
Zann, John	45.00	113.85	5,123.25
Totals	45.00		5,123.25
Total Labor			5,123.25

Additional Fees

Overhead	149.10 % of 5,123.25	7,638.77
Profit	10.00 % of 12,762.02	1,276.20
Total Additional Fees		8,914.97

Total this Sub Task \$14,038.22

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

Professional Personnel

	Hours	Rate	Amount
Zann, John	12.00	113.85	1,366.20
Totals	12.00		1,366.20
Total Labor			1,366.20

Additional Fees

Overhead	149.10 % of 1,366.20	2,037.00
Profit	10.00 % of 3,403.20	340.32
Total Additional Fees		2,377.32

Total this Sub Task \$3,743.52

Total this Task \$17,781.74

Billing Limits

	Current	Prior	To-Date
Total Billings	17,781.74	775,406.47	793,188.21
Limit			880,000.00
Remaining			86,811.79

Total this Invoice \$17,781.74

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



Rotor Electric Company of Michigan, LLC.

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

INVOICE

OMID 1 PUBLIC WORKS DRIVE WATERFORD, MI 48328-	Customer PO Number Professional Services Contrac	Job Number	Sub Job	Contract Number	Date Performed	Application	
						Date	Number
		719707	0	001	10/18/2024	11/6/2024	12818

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$226,307.35	-	\$226,307.35	\$226,307.35	-	-
Totals:		\$226,307.35		\$226,307.35	\$226,307.35		
Less Retained:				-			
Invoice Total:				\$226,307.35			

PUMP P4 VFD REPLACEMENT

EQUIPMENT & START UP SERVICE ONLY

PROGRESSIVE INVOICE #2

WO 1169

82912-6010101-149667-730660

complete electrical construction

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

Agenda Item No. 13

Other Business

Agenda Item No. 15

Adjourn