

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

March 19, 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 March 19, 2025
3. Motion to approve the Drainage District Board Meeting Minutes from February 19, 2025
4. Public Comment
5. Recommendation to Change Flow Share Structure for Budget Process
6. Rate Year (RY) 2025/26 Budget Recommendation
7. Approval of Contract with Dunbar Mechanical to Perform Preventative and Corrective Maintenance on HVAC Mechanical Equipment at the NESPS
8. Motion to approve the following Change Orders:
 - a) Change Order No. 4 for Z Contractors for the NIEA OMID Contract #2 PCI 18 & 19 Rehabilitation Contract 2A for a net decrease in the amount of \$1,052,729.83
 - b) Change Order No. 49 for Construction of the Pump and Electrical Upgrades Project for the NESPS for a net increase in the amount of \$385,705.43
9. Motion to approve the following Construction Estimates:
 - a) Construction Estimate No. 53 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$336,301.22 with a transfer to the Oakland County Treasurer in the amount of \$19,285.27
 - b) Construction Estimate No. 4 for Commercial Contracting Corporation for the Odor and Corrosion Control System within the OMID in the amount of \$218,597.83 with a transfer to the Oakland County Treasurer in the amount of \$24,288.65

- c) Construction Estimate No. 18 for Z Contractors, Inc. for Construction of the NI-EA OMID Contracts 2A and 2B – PCI 18 & PCI 19 Rehabilitation in the amount of \$27,500.00 with a reserve payment to the contractor in the amount of \$257,735.25

10. Status of OMID Repairs Project

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

12. Motion to approve the following invoices:

1) Labor/Fringes/Non-Direct Labor Factor			
• Segment 5 NI-EA Construction		\$	6,696.56
• Segment 5 NESPS Mech./Elect. Construction		\$	9,071.64
• Odor/Corrosion System Construction		\$	2,296.45
2) Equipment Charges			
• Segment 5 NI-EA Construction		\$	154.97
• Segment 5 NESPS Mech./Elect. Construction		\$	291.50
• Odor/Corrosion System Construction		\$	105.06
3) Reimbursement			
• Macomb AP25000225	O&M	\$	1,107.59
a) ASI			
Invoice No. 71-9066	NESPS	\$	82,259.04
b) Clark Hill			
1) Invoice No. 1533287	O&C	\$	18,268.25
2) Invoice No. 1537760	NESPS	\$	5,355.00
c) Dickinson Wright			
Invoice No. 2007187	O&M	\$	220.00
d) Hesco			
Invoice No. 242777	O&M	\$	578.75
e) Jacobs			
Invoice No. C6A19900-22R	O&M	\$	38,235.51
f) Kennedy			
1) Invoice No. 644876	O&M	\$	699.50
2) Invoice No. 645230	O&M	\$	553.50
g) Lardner			
Invoice No. 204324	O&M	\$	214.00
h) Metco			
Invoice No. 1811-74	O&M	\$	79,852.54
i) Motor City			
1) Invoice No. 95916	O&M	\$	270.00
2) Invoice No. 96112	O&M	\$	210.00
3) Invoice No. 96275	O&M	\$	131.93
4) Invoice No. 96276	O&M	\$	210.00
j) NTH Consultants, Ltd			
1) Eng./Consult. Services NESPS Pumping and Electrical System			
Invoice No. 637515	NESPS	\$	2,264.87
2) Eng./Consult. Services OMID PCI-18 & PCI-19 Rehab			
Invoice No. 638483	NI-EA	\$	27,787.43
k) PM Technologies			
1) Invoice No. 105972618	O&M	\$	2,357.84
2) Invoice No. 118904131	O&M	\$	350.00

3) Invoice No. 118910608	O&M	\$	350.00
4) Invoice No. 118910701	O&M	\$	350.00
l) PMA Consultants Invoice No. 3559.01-56	NESPS	\$	10,918.61

13. Other Business

14. Adjourn

Next Regular Meeting: April 16, 2025, at 11:30 a.m., Eastern Standard Time.

Agenda Item No. 3

Board Meeting Minutes from February 19, 2025

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

February 19, 2024

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held at the office of the Oakland County Water Resources Commissioner, One Public Works Drive, Building 95 West, Waterford, Michigan on the 19th day of February 2025 at 11:30 a.m. Eastern Standard Time and via Microsoft Teams.

PRESENT:

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

OTHERS PRESENT:

Representing the office of the Macomb County Public Works Commissioner: Don Brown, and Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Anne Vaara, Steve Korth, Joel Brown, Jen Cook, Raphael Chirolla, John Basch, Brian Coburn, Carrie Cox, Meg Koss, and Stephanie Lajdziak. Others in attendance: Shawn Phelps and Heidi Grunwald, OC Fiscal Services; Michelle Kitzinger, NTH Consultants; Fritz Klingler, FK Engineering; John Michalski, ASI; Terry Moore, Metco; Richard Trembath, Gallagher; Joe Brezvai, MDARD.

1. Call meeting to order.

Chairperson Harrington called the meeting to order at 11:32 a.m.

2. Agenda.

Motion by Nash, supported by Baker, to amend the February 19, 2025, agenda to remove Change Order No. 49 for Walsh Construction (original agenda item no. 6c).

ADOPTED:	Yeas	-	3
	Nays	-	0

3. Minutes.

Motion by Baker, supported by Nash, to approve the minutes of the January 15, 2025, meeting.

ADOPTED:	Yeas	-	3
	Nays	-	0

4. Public Comment.

None.

5. Request for Proposals.

Joel Brown presented a memorandum regarding proposals for as-needed debris and sludge removal for confined space services, CCTV inspection, sewer grouting and sewer repair services for the NESPS. He advised that a contract with Doetsch is recommended due to their knowledge of the system.

Motion by Baker, supported by Nash, to authorize the request for proposals to be finalized and

publicly posted to provide as-needed debris and sludge removal, confined space services, CCTV inspection, sewer grouting and sewer repair services.

ADOPTED: Yeas - 3
Nays - 0

5. Change Orders.

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

- a) Change Order No. 2 for Cortis Bros. Trucking & Excavating for As-Needed Underground Services for an extension to contract #WDCON8796 for an additional two years. Motion by Nash, supported by Baker, to approve Change Order No. 2 as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) Change Order No. 3 for D'Angelo Bros. for As-Needed Underground Services for an extension to contract #WDCON8788 for an additional two years. Motion by Nash, supported by Baker, to approve Change Order No. 3 as presented.

ADOPTED: Yeas - 3
Nays - 0

- c) Change Order No. 1 for Z Contractors for the NIEA OMID Contract #2 PCI 18 & 19 Rehabilitation Contract 2B for a net increase in the amount of \$392,350.00 and an additional 157 days. Motion by Nash, supported by Baker, to approve Change Order No. 1 as presented.

ADOPTED: Yeas - 3
Nays - 0

6. Construction Pay Estimates.

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

- a) Construction Estimate No. 52 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$191,040.82 with a transfer to the Oakland County Treasurer in the amount of \$5,134.90. Motion by Baker, supported by Nash, to approve Construction Estimate No. 52 as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) Construction Estimate No. 3 for Commercial Contracting Corporation for the Odor and Corrosion Control System within the OMID in the amount of \$131,443.06 with a transfer to the Oakland County Treasurer in the amount of \$14,604.78. Motion by Baker, supported by Nash, to approve Construction Estimate No. 3 as presented.

ADOPTED: Yeas - 3
Nays - 0

- c) Construction Estimate No. 17 for Construction of the NI-EA OMID Contracts 2A and 2B – PCI 18 & PCI 19 Rehabilitation in the amount of \$196,325.66 with a reserve payment to the

contractor in the amount of \$19,142.50. Motion by Nash, supported by Baker, to approve Construction Estimate No. 17 as presented.

ADOPTED: Yeas - 3
Nays - 0

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

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

ADOPTED: Yeas - 3
Nays - 0

8. Financial Reports.

Shawn Phelps presented the financial reports for Segment 5, NI-EA Contract #2, and the Odor and Corrosion Control. Motion by Baker, supported by Nash, to receive and file the financial reports as presented.

ADOPTED: Yeas - 3
Nays - 0

9. Invoices.

1) Labor/Fringes/Non-Direct Labor Factor			
•	Segment 5 NI-EA Construction	\$	1,725.93
•	Segment 5 NESPS Mech./Elect. Construction	\$	6,064.11
•	NI-EA Contract #2 Construction	\$	105.42
•	Odor/Corrosion System Construction	\$	70,382.69
2) Equipment Charges			
•	Segment 5 NI-EA Construction	\$	37.24
•	Segment 5 NESPS Mech./Elect. Construction	\$	214.12
•	NI-EA Contract #3 Construction	\$	2.74
•	Odor/Corrosion System Construction	\$	1,990.92
a)	ASI		
	Invoice No. 70-9035	NESPS	\$ 63,610.94
b)	Clark Hill		
	Invoice No. 1525100	NESPS	\$ 4,480.00
c)	Gallagher		
	Invoice No. 5390732	NESPS	\$ 48,730.50
d)	Hesco		
	1) Invoice No. 242597	O&M	\$ 6,953.26
	2) Invoice No. 242599	O&M	\$ 9,869.27
	3) Invoice No. 242668	O&M	\$ 6,490.76
	4) Invoice No. 242669	O&M	\$ 1,468.85
	5) Invoice No. 242670	O&M	\$ 8,839.19
	6) Invoice No. 242671	O&M	\$ 3,285.00
	7) Invoice No. 242716	O&M	\$ 578.61
	8) Invoice No. 242720	O&M	\$ 7,420.76
e)	Jacobs		
	1) Invoice No. C6A19900-20	O&M	\$ 21,831.28

	2) Invoice No. C6A19900-21	O&M	\$	23,244.85
f)	Lardner			
	1) Invoice No. 203691	O&M	\$	204.00
	2) Invoice No. 204005	O&M	\$	214.00
g)	Metco			
	Invoice No. 1811-73	O&M	\$	104,842.75
h)	MFCI			
	Invoice No. 1354	NI-EA	\$	20,807.90
i)	Moody			
	Invoice No. P0487247	NI-EA	\$	16,000.00
j)	Motor City			
	Invoice No. 96236	O&M	\$	16,557.00
k)	Nexgen			
	Invoice No. 4633	O&M	\$	29,750.00
l)	NTH Consultants, Ltd			
	1) Additional OMID NESPS Maintenance Eng. Services			
	Invoice No. 638249	O&M	\$	2,931.07
	2) Eng./Consult. Services NESPS Pumping and Electrical System			
	Invoice No. 638250	NESPS	\$	4,617.47
	3) Eng./Consult. Services OMID PCI-18 & PCI-19 Rehab			
	Invoice No. 638253	NI-EA	\$	40,908.36
m)	PM Technologies			
	1) Invoice No. 95259425	O&M	\$	3,790.00
	2) Invoice No. 95265485	O&M	\$	3,790.00
	3) Invoice No. 95265620	O&M	\$	3,790.00
	4) Invoice No. 104572676	O&M	\$	350.00
	5) Invoice No. 104574449	O&M	\$	350.00
	6) Invoice No. 105110401	O&M	\$	350.00
	7) Invoice No. 105695071	O&M	\$	350.00
	8) Invoice No. 105695096	O&M	\$	350.00
	9) Invoice No. 105700301	O&M	\$	350.00
	10) Invoice No. 105110629	O&M	\$	350.00
n)	PMA Consultants			
	Invoice No. 3559.01-55	NESPS	\$	17,781.74

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

ADOPTED: Yeas - 3
 Nays - 0

10. Other Business.
 None.

11. Adjourn.
 Motion by Baker, supported by Nash, to adjourn the February 19, 2025, meeting at 12:41 p.m.

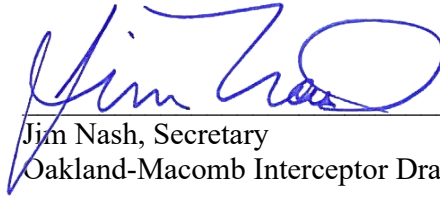
ADOPTED: Yeas - 3
 Nays - 0

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 March 19, 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 February 19, 2025, 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 19th day of February 2025.



Jim Nash, Secretary

Oakland-Macomb Interceptor Drain Drainage Board

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Flow Share Structure for Budget Process Presentation



Oakland-Macomb Interceptor Drain Drainage District

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

FROM: Carrie Cox, P.E., Special Projects Manager, WRC

SUBJECT: Oakland-Macomb Interceptor Drain Drainage District Share Process

DATE: March 19, 2025

The Flow Metering Work Group was established to review and approve the flow metering network and resulting data for the Clinton-Oakland Sewage Disposal System (COSDS) and the Macomb Interceptor Drain Drainage District (MID). Due to the impact on flow volumes, this group also addresses the diversion of COSDS flow to the Clinton River Water Resource Recovery Facility (CRWRRF) along with any flow calculation concerns for budgeting purposes.

In 2019, the work group agreed to establish an annual diversion rate from the COSDS to the CRWRRF over the agreed-upon share period, with the annual diversion goal of 30%. That rate benefits the COSDS. In exchange, the work group agreed to extend the share period from three to 10 years. This change benefits MID because the population within MID is growing at a faster rate than the population within the COSDS. These recommended flow shares were approved annually by the board.

Long-term averages, such as the 10-year average employed by the Oakland-Macomb Interceptor District (OMID), can present challenges because they may delay the recognition of changes in flow for the system. For example, the majority of the region, including the COSDS, saw a slight decline in flow over the past decade. In contrast, MID is experiencing a slight increasing trend in both population and sanitary sewage volumes. Because the current 10-year average does not reflect these trends, COSDS is effectively subsidizing the growth of new users in the MID.

Regional projections suggest that over the next 20-30 years, MID will continue to grow at a rate that is twice the rate of COSDS's growth. Therefore, a return to a 3-year share period for the calculation of rates and charges beginning in FY 2026 is recommended.

Recommended Action: Change the share structure from a 10-year rolling average to a 3-year rolling average and approve the volumes and shares for FY2026 in accordance with Table 1.

TABLE 1 – Exhibit B

Fiscal Year	COSDS Flow (cfs)	MIDDD Flow (cfs)	COSDS (%)	Macomb (%)
FY2026	30.12	69.71	30.17%	69.83%



March 15, 2024

Dear OMID Board Members,

The OMID contracts with the Clinton Oakland and the Macomb Interceptor Drainage Districts allow each to annually divert and send up to 30% of wastewater flows elsewhere and not to GLWA. While it is difficult to precisely control flows, Clinton Oakland has now exceeded the 30% contract maximum diversion to the Pontiac plant for the past three years. While MIDD doesn't necessarily object to the flow exceedances, we do wish to enforce the contract for determining budget shares due to the negative financial impact the continued contract exceedances have on the MIDD ratepayer.

GLWA and OMID's costs are apportioned to both Clinton Oakland and the MIDD based on each district's share of total flows. When Clinton Oakland diverts more in a year than the contract allows, this increases the MIDD's percent of total flows. This results in MIDD's higher corresponding share of GLWA & OMID costs, while Clinton Oakland's share of the budget correspondingly declines. Clinton Oakland saves money when over-diverting, while MIDD pays a greater share of costs.

Macomb agreed to Oakland's 2018 request to only average the diversion exceedances for FY 2018 and 2019 due to a temporary issue with the Pontiac plant. This agreement was detailed and noted in Exhibit B of the OMID budget. At no time did we agree to average all flow exceedances as now stated by Clinton Oakland. We have requested and not received a copy of such an agreement. However, if it were the case, this change would have been reflected in Exhibit B. The parties would also have produced a running average diversion calculation which would have been reviewed and discussed at each of our subsequent annual budget meetings. Further, if we had agreed to average all diversions, there would have been no need to footnote just the FY 2018 and 2019 exceptions.

The OMID contract allows up to 30% annual diversion - not an averaged diversion or a fixed 30% diversion. It is common practice to average flows for budgeting purposes, but we are not aware of anywhere in the GLWA system where exceedances are averaged. When one diverts more than the contract allows, it infringes on the other's contract capacity right to maximize their own up to 30% diversion. It also saves money for the one who is exceeding at expense of the other. Without holding each to the contract terms, there is no financial incentive not to exceed

the contact.

The MIDD raised this issue in our meeting two years ago when the overcharge was only \$10,000. We raised it again last year when the cost rose to \$30,000. As the annual budget impact for next year is \$54,400 and growing, we have a duty to enforce the contract for this now material amount. MIDD has no control over such diversions and shouldn't pay more when the annual contract diversion is exceeded.

At this time the MIDD is not attempting to claw back the previous years' overbillings. In an effort to be conciliatory and resolve this issue, we propose to enforce the contract for budgeting purposes starting with the FY 2025 budget which we are ready to adopt on March 20. MIDD's share of the costs will still increase from 68.42% to 68.57%. If left alone, our share would increase to 68.64%. Our share should not increase more due to a contract exceedance from the other party.

Adhering to the contract also solves the issue with a potential large diversion variance from one year to the next. Further, using a 10-year average as suggested by Clinton Oakland doesn't solve the issue of how the MIDD gets reimbursed for past overcharges if that average is exceeded. Adhering to the contract terms annually in the budget avoids this issue.

Clinton Oakland's rejection of our request to start enforcing the contract with instead a proposal to now use a fixed 30% per year diversion for budgeting purposes unfortunately only increases the cost to the MIDD even more than the 68.64%.

We look forward to further discussions to resolve this issue so the budget can be adopted as soon as possible for the benefit of our ratepayers.

Agenda Item No. 6

RY 2025/26 Budge Recommendation



Oakland-Macomb Interceptor Drain Drainage District

TO: Brady Harrington, Chairman
Oakland-Macomb Interceptor Drain Drainage District (OMIDDD)

FROM: Bruce Manning, Financial Manager MCPWO

SUBJECT: Rate Year (RY) 2025/26 Budget Recommendation

DATE: March 19, 2025

Staff of the Macomb County Public Works Commissioner's Office and the Oakland County Water Resources Commissioner's Office recently met to discuss the budget and capital improvement plan for the upcoming rate year. The Macomb County Public Works Commissioner's Office recommends that the Board approve the proposed sewer charges contained herein for the rate year beginning July 1, 2025.

The main elements of the proposed budget and sewer charges are as follows:

- 1) The Great Lakes Water Authority (GLWA) approved a 4.3% increase in sewer charges to OMIDDD.
- 2) The proposed operation and maintenance budget includes an increase of 5.1% (see Exhibit A)
- 3) The proposed revenue requirement is increasing by 4.7%.
- 4) The method for determining the split between Oakland and Macomb is recommended by Macomb County Public Works Commissioner's Office, and will remain in place through RY 2025/26 unless GLWA modifies the sewer charge methodology. The cost allocation using this methodology is as follows:
 - a. GLWA common-to-all and OMIDDD operations and maintenance costs are allocated based on the ten-year rolling average as shown in Exhibit B Figure 2. This year's allocation is 31.23% Clinton Oakland Sewage Disposal System (COSDS) and 68.77% to the Macomb Interceptor Drain Drainage District (MIDDD).
 - b. GLWA's Combined Sewage Overflow Program is allocated 39.48% to COSDS and 60.52% to MIDDD per the 1999 Rate Settlement Agreement.
 - c. Capital Improvement Reserve contributions are allocated based on the current GLWA Contract Capacity split of 33.10% for the COSDS and 66.90% for the MIDDD.
- 5) The budget proposes to fund \$650,000 of new major maintenance work, \$500,000 for the emergency reserve and \$1,839,000 of new capital improvements from the OMIDDD operation and maintenance fund, in addition to projects that are not revenue financed (see Exhibit C).

Recommended Action: Approve the proposed operating budget (Exhibit A), cost allocation (Exhibit B), and the Capital Improvement Program (Exhibit C) for the rate year beginning July 1, 2025, as presented.

Effective July 1, 2025

Exhibit A

Annual Operating Charges

	2025 Budget	2026 Budget	COSDS %	MIDD %	Annual		Monthly	
					COSDS	Macomb	COSDS	MIDD
GLWA								
Common-to-all and OMIDDD Charges	\$ 72,003,800	\$ 75,134,800	31.23%	68.77%	\$ 23,464,598	\$ 51,670,202		
CSO Program	2,126,200	2,218,700	39.48%	60.52%	875,943	1,342,757		
Total	74,130,000	77,353,500			24,340,541	53,012,959	\$ 2,028,378.42	\$ 4,417,746.58
OMIDDD								
Operations and Maintenance Expense								
Sewer System Maintenance	661,910	734,560	31.23%	68.77%	229,403	505,157		
Sewer System Engineering	131,260	131,260	31.23%	68.77%	40,992	90,268		
Pump Maintenance Unit	2,660,280	2,538,110	31.23%	68.77%	792,652	1,745,458		
Systems Control Unit	-	-	31.23%	68.77%	-	-		
Mapping Unit	530	590	31.23%	68.77%	184	406		
Miss Dig	240	9,230	31.23%	68.77%	2,883	6,347		
General and Administrative	1,416,370	1,706,100	31.23%	68.77%	532,815	1,173,285		
Subtotal	4,870,590	5,119,850			1,598,929	3,520,921	133,244.08	293,410.08
Non Operating	-	-	31.23%	68.77%	-	-	-	-
Major Maintenance	1,150,000	650,000	31.23%	68.77%	202,995	447,005	16,916.25	37,250.42
Emergency Maintenance	-	500,000	31.23%	68.77%	156,150	343,850	13,012.50	28,654.17
Capital Improvement	1,300,000	1,839,000	33.10%	66.90%	608,709	1,230,291	50,725.75	102,524.25
Subtotal	2,450,000	2,989,000			967,854	2,021,146		
O&M Non-Rate Revenue	(339,490)	(530,020)	31.23%	68.77%	(165,525)	(364,495)	(13,793.75)	(30,374.58)
FY 2026 Total Fixed Charges	\$ 81,111,100	\$ 84,932,330			\$ 26,741,799	\$ 58,190,531	2,228,483.25	4,849,210.92

Capital Improvements are defined as investments that are made to assets that exceed \$5,000 and increase the useful life of assets by five years or more.

Estimated Debt Service		
2010A mfa 5368-01	1,676,000	1,675,750
2011A mfa 5368-02	1,622,250	1,619,875
2013A mfa 5368-03	3,952,750	3,948,050
2014A	473,294	474,519
2015A mfa 2001-01	544,750	544,625
2019 refunding	466,098	473,420
2019 revenue	507,164	508,914
2020A	3,274,150	4,078,650
2020B 2023 issue	430,744	431,494
2025A*	938,956	238,650
Total Debt Service	13,886,155	13,993,946
Total OMIDDD Related Revenue Requirements	94,997,255	98,926,276

*Estimated debt based on issuance in January 2025 is \$165,648 for RY 2025.

Oakland-Macomb Interceptor Drain Drainage District
Fiscal Year (FY) 2025/26 Budget

Figure 2

January 23, 2025

Effective July 1, 2025

Exhibit B

Flow Data

Year	Fiscal Year	OMIDDD Allocation Flows		OMIDDD Allocation Flows	
		COSDS (cfs)	MIDDD (cfs)	COSDS (%)	MIDDD (%)
1	FY2014/15	29.74	64.76	31.47%	68.53%
2	FY2015/16	29.67	65.06	31.32%	68.68%
3	FY2016/17	30.60	66.45	31.53%	68.47%
4	FY2017/18	34.05	69.60	32.85%	67.15%
5	FY2018/19	34.05	69.60	32.85%	67.15%
6	FY2019/20	32.52	70.82	31.47%	68.53%
7	FY2020/21	27.38	64.16	29.91%	70.09%
8	FY2021/22	32.12	73.61	30.38%	69.62%
9	FY2022/23	27.73	64.46	30.08%	69.92%
10	FY2023/24	30.76	71.06	30.21%	69.79%
Prop. FY2024/25 (10-Yr Average)		30.86	67.96	31.23%	68.77%
Current FY2024/25 (10-Yr Average)		30.77	67.33	31.36%	68.64%

1. All annual flows are based on the average monthly flow rates, proportioned based on the number of days in each month.
2. COSDS Flows for fiscal year FY2014/15 include a 30% adjustment to account for diversion to the Clinton River Wastewater Resource Reclamation Facility (CRWRRF).
3. Due to a catastrophic failure at the CRWRRF (COSDS's non-OMID outlet), there was volatility in the flow delivered from COSDS to OMID in FY2017/18 and FY2018/19. When paired, these two years offset each other and the volatility is mitigated. The OMID rates are based on a rolling 10-year average flow rate. In Rate Years 2028/29 and 2029/30, these volatile years will roll off the average, which will create volatility in the average if the actual values are used. To reduce this future volatility, the actual COSDS-to-OMID flows and MIDDD flows for FY2017/18 (COSDS = 37.74 cfs, MIDDD = 67.29 cfs) and FY2018/19 (COSDS = 30.35 cfs, MIDDD = 71.90 cfs) have both been replaced with the average for these two years (COSDS = 34.045 cfs, Macomb = 69.595 cfs).
4. Except as noted above and highlighted on the table, COSDS fiscal year flows are based on measured flow, which includes actual diversion to CRWRRF.
5. Highlighted fiscal years reflect an adjustment to the COSDS flows to limit diversion to CRWRRF to 30%.
6. Allocation flows have been revised slightly since prior Exhibit B submittals as part of a detailed review of the data. Overall OMIDDD Allocation percents have not changed. See February 9, 2024 memo for details.

EXHIBIT C
OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT
CAPITAL IMPROVEMENT PROGRAM
February 2025

Fund FND82912 Oakland Macomb InterceptorCh21

Description	2025 Updated	2026 Proposed
UNDESIGNATED BEGINNING BALANCE	\$3,817,851	\$3,817,851
Transfer to Emergency Reserve		
Transfer to Capital Reserve		
Net Change from Operations		
UNDESIGNATED ENDING BALANCE	\$3,817,851	\$3,817,851
MAINTENANCE RESERVE BEGINNING BALANCE	\$4,616,607	\$4,741,255
Major Maintenance Rate Component	\$1,150,000	\$650,000
Transfers	\$0	(\$3,000,000)
CCTV	(\$250,000)	(\$500,000)
Wet Well Cleaning	(\$500,000)	\$0
Temp CS-6 Odor Mitigation	\$0	(\$250,000)
NESPS Emergency Contingencies	(\$25,352)	\$0
Fencing Improvements	\$0	(\$300,000)
Generator Voltage Regulators and Day Tanks	(\$250,000)	\$0
Fiscal (Adjustments)-General	\$0	\$0
Total Maintenance Reserve Expense	(\$1,025,352)	(\$1,050,000)
MAINTENANCE RESERVE ENDING BALANCE	\$4,741,255	\$1,341,255
EMERGENCY RESERVE BEGINNING BALANCE	\$2,515,991	\$2,515,991
Emergency Reserve Revenue	\$0	\$500,000
Expenses		
Transfer from Undesignated		
EMERGENCY RESERVE ENDING BALANCE	\$2,515,991	\$3,015,991
CAPITAL RESERVE BEGINNING BALANCE	\$7,294,045	\$13,935,769
Capital Rate Component	\$1,300,000	\$1,839,000
Transfers	\$9,248,724	\$7,500,000
OMID Flow Control Structure Rehab	(\$100,000)	(\$12,000,000)
Pump 4 VFD	(\$1,407,000)	\$0
CS-6 Bypass	(\$1,000,000)	\$0
CS-6 Odor/Corrosion Facility	\$0	(\$4,000,000)
Segment 5 Lining Payment	(\$1,000,000)	\$0
Pump 2 Rehabilitation and VFD Replacement	\$0	(\$1,500,000)
NLB Bar Screen-Jetter Purchase	(\$400,000)	\$0
Electrical Mezzanine Work Room	\$0	(\$1,000,000)
General Capital		
Total Capital Reserve Expense	(\$3,907,000)	(\$18,500,000)
CAPITAL RESERVE ENDING BALANCE	\$13,935,769	\$4,774,769
Reserve		
Undesignated	\$3,817,851	\$3,817,851
Major Maintenance	\$4,741,255	\$1,341,255
Emergency Maintenance	\$2,515,991	\$3,015,991
Capital	\$13,935,769	\$4,774,769
NET POSITION ENDING BALANCE	\$25,010,867	\$12,949,867
12.5% of the Operations and Maintenance Budget	\$9,875,074	\$10,309,169

EXHIBIT C
OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT
CAPITAL IMPROVEMENT PROGRAM
February 2025

Fund FND82912 Oakland Macomb InterceptorCh21

Current Construction Funds as of 12/31/2024

Project Description	Remaining Funds Committed for Capital Projects (In- progress)
PRJ-13308 OMID NI-EA CONSTRUCTION	\$3,928,805
PRJ-13309 NESPS MECH-ELEC CONSTRUCTION	\$3,513,845
PRJ-13252 OMID Segment 5 (2020 Series Bond Sale)	\$3,077,640
PRJ-17384 NIEA Contract II PCI-18/19 Bond Admin	\$337,543
PRJ-17408 NIEA Contract II Bond CONSTRUCTION	\$4,282,816
PRJ-17408 NIEA Contract II GLWA Anticipated Contribution	\$4,500,000
PRJ-17668 OMIDDD NI-EA Odor Corrosion Funding	\$89,907
PRJ-17705 OMID Odor/Corrosion Facility Construction	\$11,310,000
Total Remaining Expense in Construction Funds	\$31,040,556

Future Bonded Projects Through 2026

Project Description	Project Estimate
No Bonded Projects Budgeted	\$0
Total Bonded Projects	\$31,040,556

**GREAT LAKES WATER AUTHORITY
SEWAGE DISPOSAL SYSTEM**

Schedule updated by GLWA Staff Pending Review by
Willdan Financial Services

Service Charges and Allocated Revenues Requirements

FINAL PROPOSED - EFFECTIVE JULY 1, 2025 FOR ALL BILLS ISSUED ON OR AFTER AUGUST 1, 2025

Line No.	Member Partner	Contract	Fixed Monthly Charge (a)	Projected Revenue From Charges
			\$/mo	\$
1	OMID Common	Model	\$ 6,539,900	\$ 78,478,800
2	Rouge Valley	Older	\$ 5,030,200	\$ 60,362,400
3	Oakland GWK	Older	\$ 4,200,700	\$ 50,408,400
4	Evergreen Farmington	Model	\$ 3,296,700	\$ 39,560,400
5	SE Macomb San Dist	Model	\$ 2,269,500	\$ 27,234,000
6	Dearborn	Model	\$ 1,869,200	\$ 22,430,400
7	Grosse Pointe Farms	Older	\$ 242,600	\$ 2,911,200
8	Grosse Pointe Park	Model	\$ 173,100	\$ 2,077,200
9	Melvindale	Model	\$ 143,000	\$ 1,716,000
10	Farmington	Model	\$ 109,000	\$ 1,308,000
11	Center Line	Model	\$ 95,400	\$ 1,144,800
12	Allen Park	Model	\$ 76,900	\$ 922,800
13	Grosse Pointe	Model	\$ 106,600	\$ 1,279,200
14	Highland Park	Model	\$ 433,000	\$ 5,196,000
15	Hamtramck	Model	\$ 390,900	\$ 4,690,800
16	Harper Woods	Model	\$ 14,800	\$ 177,600
17	Redford Township	Model	\$ 30,600	\$ 367,200
18	Wayne County #3	Older	\$ 4,300	\$ 51,600
19	Total Wholesale Contract Member Partners (c)			\$ 300,316,800
Other Sewer System Charges				
20	Industrial Waste Control (c)			\$ 9,150,300
21	Pollutant Surcharges (c)			\$ 5,112,700
22	Subtotal Regional Wholesale Revenues			\$ 314,579,800
Detroit Customer Class - \$				
23	Wholesale Revenue Requirement (d)			\$ 220,840,400
24	less: Ownership Benefit per Lease			\$ (5,516,000)
25	Net Local System Wholesale Revenue Requirement (c)			\$ 215,324,400
26	Total Revenue from Wholesale Charges (22) + (25) (c)			\$ 529,904,200

**GREAT LAKES WATER AUTHORITY
SEWAGE DISPOSAL SYSTEM**

Schedule updated by GLWA Staff Pending Review by
Willdan Financial Services

Service Charges and Allocated Revenues Requirements

FINAL PROPOSED - EFFECTIVE JULY 1, 2025 FOR ALL BILLS ISSUED ON OR AFTER AUGUST 1, 2025

<u>Detroit Customer Class -Other</u>		
27	Indirect Retail Revenue Requirements (e)	TBD
28	less: Use of Lease Payment for Debt Service	TBD
29	Net Indirect Retail Revenue Requirements (e)	TBD
30	Subtotal Subject to GLWA Board Approval (25) + (29)	TBD
31	Direct Retail Revenue Requirements (f)	TBD
32	Total Local System Revenue Requirement (29) + (31)	TBD
33	Total Requirement from Detroit Customer Class (25) + (32) (agrees with GLWA Budget Schedule 3)	TBD

- (a) Proposed effective date of July 1, 2025. Effective on all bills issued on or after August 1, 2025.
- (b) Reserved
- (c) Agrees with GLWA Budget Schedule
- (d) Wholesale revenue requirements for the Detroit Customer Class.
- (e) Local System revenue requirements related to Master Bond Ordinance and related agreements
- (f) Local System operating expenses (net of shared services reimbursement) and I&E deposit. Not Subject to GLWA Board approval.



Oakland-Macomb Interceptor Drain Drainage District

TO: Brady Harrington, Chairman
Oakland-Macomb Interceptor Drain Drainage District (OMIDDD)

FROM: Raphael Chirolla, Financial Services OCWRC

SUBJECT: Rate Year (RY) 2025/26 Budget Recommendation

DATE: March 19, 2025

Staff of the Macomb County Public Works Commissioner's Office and the Oakland County Water Resources Commissioner's Office recently met to discuss the budget and capital improvement plan for the upcoming rate year. The Oakland County Water Resources Commissioner's Office recommends that the Board approve the proposed sewer charges contained herein for the rate year beginning July 1, 2025.

The main elements of the proposed budget and sewer charges are as follows:

- 1) The Great Lakes Water Authority (GLWA) approved a 4.3% increase in sewer charges to OMIDDD.
- 2) The proposed operation and maintenance budget includes an increase of 5.1% (see Exhibit A)
- 3) The proposed revenue requirement is increasing by 4.7%.
- 4) The method for determining the split between Oakland and Macomb is recommended by Oakland County Water Resources Commissioner's Office, and will remain in place through RY 2025/26 unless GLWA modifies the sewer charge methodology. The cost allocation using this methodology is as follows:
 - a. GLWA common-to-all and OMIDDD operations and maintenance costs are allocated based on the three-year rolling average as shown in Exhibit B Figure 3. This year's allocation is 30.17% Clinton Oakland Sewage Disposal System (COSDS) and 69.83% to the Macomb Interceptor Drain Drainage District (MIDDD).
 - b. GLWA's Combined Sewage Overflow Program is allocated 39.48% to COSDS and 60.52% to MIDDD per the 1999 Rate Settlement Agreement.
 - c. Capital Improvement Reserve contributions are allocated based on the current GLWA Contract Capacity split of 33.10% for the COSDS and 66.90% for the MIDDD.
- 5) The budget proposes to fund \$650,000 of new major maintenance work, \$500,000 for the emergency reserve and \$1,839,000 of new capital improvements from the OMIDDD operation and maintenance fund, in addition to projects that are not revenue financed (see Exhibit C).

Recommended Action: Approve the proposed operating budget (Exhibit A), cost allocation (Exhibit B), and the Capital Improvement Program (Exhibit C) for the rate year beginning July 1, 2025, as presented.

Effective July 1, 2025

Exhibit A

Annual Operating Charges

	2025 Budget	2026 Budget	COSDS %	MIDD %	Annual		Monthly	
					COSDS	Macomb	COSDS	MIDD
GLWA								
Common-to-all and OMIDDD Charges	\$ 72,003,800	\$ 75,134,800	30.17%	69.83%	\$ 22,668,169	\$ 52,466,631		
CSO Program	2,126,200	2,218,700	39.48%	60.52%	875,943	1,342,757		
Total	74,130,000	77,353,500			23,544,112	53,809,388	\$ 1,962,009.33	\$ 4,484,115.67
OMIDDD								
Operations and Maintenance Expense								
Sewer System Maintenance	661,910	734,560	30.17%	69.83%	221,617	512,943		
Sewer System Engineering	131,260	131,260	30.17%	69.83%	39,601	91,659		
Pump Maintenance Unit	2,660,280	2,538,110	30.17%	69.83%	765,748	1,772,362		
Systems Control Unit	-	-	30.17%	69.83%	-	-		
Mapping Unit	530	590	30.17%	69.83%	178	412		
Miss Dig	240	9,230	30.17%	69.83%	2,785	6,445		
General and Administrative	1,416,370	1,706,100	30.17%	69.83%	514,730	1,191,370		
Subtotal	4,870,590	5,119,850			1,544,659	3,575,191	128,721.58	297,932.58
Non Operating	-	-	30.17%	69.83%	-	-	-	-
Major Maintenance	1,150,000	650,000	30.17%	69.83%	196,105	453,895	16,342.08	37,824.58
Emergency Maintenance	-	500,000	30.17%	69.83%	150,850	349,150	12,570.83	29,095.83
Capital Improvement	1,300,000	1,839,000	33.10%	66.90%	608,709	1,230,291	50,725.75	102,524.25
Subtotal	2,450,000	2,989,000			955,664	2,033,336		
O&M Non-Rate Revenue	(339,490)	(530,020)	30.17%	69.83%	(159,907)	(370,113)	(13,325.58)	(30,842.75)
FY 2026 Total Fixed Charges	\$ 81,111,100	\$ 84,932,330			\$ 25,884,528	\$ 59,047,802	2,157,043.99	4,920,650.16

Capital Improvements are defined as investments that are made to assets that exceed \$5,000 and increase the useful life of assets by five years or more.

Estimated Debt Service		
2010A mfa 5368-01	1,676,000	1,675,750
2011A mfa 5368-02	1,622,250	1,619,875
2013A mfa 5368-03	3,952,750	3,948,050
2014A	473,294	474,519
2015A mfa 2001-01	544,750	544,625
2019 refunding	466,098	473,420
2019 revenue	507,164	508,914
2020A	3,274,150	4,078,650
2020B 2023 issue	430,744	431,494
2025A*	938,956	238,650
Total Debt Service	13,886,155	13,993,946
Total OMIDDD Related Revenue Requirements	94,997,255	98,926,276

*Estimated debt based on issuance in January 2025 is \$165,648 for RY 2025.

Oakland-Macomb Interceptor Drain Drainage District
Fiscal Year (FY) 2025/26 Budget

Figure 3

January 23, 2025

Effective July 1, 2025

Exhibit B

Flow Data

Year	Fiscal Year	OMIDDD Allocation Flows		OMIDDD Allocation Flows	
		COSDS (cfs)	MIDDD (cfs)	COSDS (%)	MIDDD (%)
1	FY2021/22	32.11	73.61	30.37%	69.63%
2	FY2022/23	27.49	64.46	29.90%	70.10%
3	FY2023/24	30.76	71.06	30.21%	69.79%
Prop. FY2024/25 (3-Yr Average)		30.12	69.71	30.17%	69.83%
Current FY2024/25 (10-Yr Average)		30.77	67.33	31.36%	68.64%

1. All annual flows are based on the average monthly flow rates, proportioned based on the number of days in each month.
2. Except as noted above, COSDS fiscal year flows are based on measured flow, which includes actual diversion to CRWRRF.
3. Allocation flows have been revised slightly since prior Exhibit B submittals as part of a detailed review of the data. Overall OMIDDD Allocation percents have not changed. See February 9, 2024 memo for details.

EXHIBIT C
OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT
CAPITAL IMPROVEMENT PROGRAM
February 2025

Fund FND82912 Oakland Macomb InterceptorCh21

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Transfer to Capital Reserve		
Net Change from Operations		
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MAINTENANCE RESERVE BEGINNING BALANCE	\$4,616,607	\$4,741,255
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Transfers	\$0	(\$3,000,000)
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Wet Well Cleaning	(\$500,000)	\$0
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NESPS Emergency Contingencies	(\$25,352)	\$0
Fencing Improvements	\$0	(\$300,000)
Generator Voltage Regulators and Day Tanks	(\$250,000)	\$0
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CS-6 Bypass	(\$1,000,000)	\$0
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Segment 5 Lining Payment	(\$1,000,000)	\$0
Pump 2 Rehabilitation and VFD Replacement	\$0	(\$1,500,000)
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CAPITAL RESERVE ENDING BALANCE	\$13,935,769	\$4,774,769
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Capital	\$13,935,769	\$4,774,769
NET POSITION ENDING BALANCE	\$25,010,867	\$12,949,867
12.5% of the Operations and Maintenance Budget	\$9,875,074	\$10,309,169

EXHIBIT C
OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT
CAPITAL IMPROVEMENT PROGRAM
February 2025

Fund FND82912 Oakland Macomb InterceptorCh21

Current Construction Funds as of 12/31/2024

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Total Remaining Expense in Construction Funds	\$31,040,556

Future Bonded Projects Through 2026

Project Description	Project Estimate
No Bonded Projects Budgeted	\$0
Total Bonded Projects	\$31,040,556

**GREAT LAKES WATER AUTHORITY
SEWAGE DISPOSAL SYSTEM**

Schedule updated by GLWA Staff Pending Review by
Willdan Financial Services

Service Charges and Allocated Revenues Requirements

FINAL PROPOSED - EFFECTIVE JULY 1, 2025 FOR ALL BILLS ISSUED ON OR AFTER AUGUST 1, 2025

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21	Pollutant Surcharges (c)			\$ 5,112,700
22	Subtotal Regional Wholesale Revenues			\$ 314,579,800
Detroit Customer Class - \$				
23	Wholesale Revenue Requirement (d)			\$ 220,840,400
24	less: Ownership Benefit per Lease			\$ (5,516,000)
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26	Total Revenue from Wholesale Charges (22) + (25) (c)			\$ 529,904,200

**GREAT LAKES WATER AUTHORITY
SEWAGE DISPOSAL SYSTEM**

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Willdan Financial Services

Service Charges and Allocated Revenues Requirements

FINAL PROPOSED - EFFECTIVE JULY 1, 2025 FOR ALL BILLS ISSUED ON OR AFTER AUGUST 1, 2025

<u>Detroit Customer Class -Other</u>		
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28	less: Use of Lease Payment for Debt Service	TBD
29	Net Indirect Retail Revenue Requirements (e)	TBD
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32	Total Local System Revenue Requirement (29) + (31)	TBD
33	Total Requirement from Detroit Customer Class (25) + (32) (agrees with GLWA Budget Schedule 3)	TBD
(a) Proposed effective date of July 1, 2025. Effective on all bills issued on or after August 1, 2025.		
(b) Reserved		
(c) Agrees with GLWA Budget Schedule		
(d) Wholesale revenue requirements for the Detroit Customer Class.		
(e) Local System revenue requirements related to Master Bond Ordinance and related agreements		
(f) Local System operating expenses (net of shared services reimbursement) and I&E deposit. Not Subject to GLWA Board approval.		

Agenda Item No. 7

Dunbar Mechanical Contract for HVAC Maintenance



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, P.E. Macomb County Public Works Commissioner's Office**

**SUBJECT: Approval of Contract with Dunbar Mechanical to Perform Preventive and
Corrective Maintenance on HVAC Mechanical Equipment at the NESPS**

DATE: March 19, 2025

METCO has been retaining Dunbar Mechanical to perform some of the following as needed HVAC related preventive and corrective maintenance services satisfactorily for over 4 years:

1. General inspection of equipment
2. Filter replacements
3. Power washing condenser coils
4. Belt replacement
5. Equipment troubleshooting

Dunbar's base scope of services has increased over that time due to additional mechanical equipment that has been added to the NESPS as well as industry price increases. Further, we will likely need to add additional scope to their base services when the Odor and Corrosion Facilities have been constructed. As such, we believe this contract is better suited to be direct with OMID rather than under METCO.

The attached contract has been drafted for Dunbar to provide these services directly for OMID for the next 3 years, retroactive to March 1, 2025, based on Dunbar's February 17, 2025 proposal.

RECOMMENDED ACTION: Approve the attached Dunbar Contract to supply HVAC related preventive and corrective maintenance services at the NESPS for the next 3 years.

OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT

PROFESSIONAL SERVICES CONTRACT

Effective Date: March 1, 2025

Contract Expiration Date: March 1, 2028

Contract - NOT TO EXCEED AMOUNT \$250,000

A Non-Purchasing Contract

This Contract shall be effective as of March 1, 2025 between the Oakland-Macomb Interceptor Drain Drainage District ("Drainage District"), a statutory public corporation created pursuant to Chapter 21 of the Drain Code of 1956 and Dunbar Mechanical, Inc. (as further described in the following Table). In this Contract, either Attorney or the District may also be referred to individually as a "Party" or jointly as the "Parties".

<p>OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT By: Jim Nash, Oakland County Water Resources Commissioner 1 Public Works Drive Waterford, MI 48328 (248) 858-0958 (herein, the "Drainage District")</p>	<p>DUNBAR MECHANICAL, INC. 20800 Chelsey Dr. Farmington, MI 48336 (800) 719-2201 (herein the "Contractor")</p>
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This Contract is organized and divided into the following "Section" or "Sections" for the convenience of the Parties.

SECTION 1. CONTRACT DOCUMENTS AND DEFINITIONS

SECTION 2. CONTRACT EFFECTIVE DATE AND TERMINATION

SECTION 3. SCOPE OF CONTRACTOR'S SERVICES

SECTION 4. DRAINAGE DISTRICT PAYMENT OBLIGATION FOR CONTRACTOR'S SERVICES

SECTION 5. CONTRACTOR ASSURANCES AND WARRANTIES

SECTION 6. CONTRACTOR PROVIDED INS URANCE AND INDEMNIFICATION

SECTION 7. GENERAL TERMS AND CONDITIONS

In consideration of the mutual promises, obligations, representations, and assurances in this Contract, the Parties agree to the following:

§1. CONTRACT DOCUMENTS AND DEFINITIONS

The following words and expressions when printed with the first letter capitalized as shown here in, whether used in the singular or plural, possessive or non-possessive, and/or either within or without quotation marks, shall be defined and interpreted as follows:

-
- 1.1.** "Drainage District" means a Michigan statutory public corporation, its boards committees and "Drainage District Agent" as defined below.
- 1.2.** "Drainage District Agent" means all elected and appointed officials, directors, board members, commissioners, Oakland and or Macomb County employees working on behalf of the drainage district. volunteers, representatives, and/or any such persons' successors (whether such person act or acted in their personal representative or official capacities), and/or any persons acting by, through, under, or in concert with any of them. "drainage district agent" shall also include any person who was a "drainage district agent" anytime during the term of this Contract but, for any reason, is no longer employed, appointed, or elected and serving as an Agent.
- 1.3.** "Contract Administrator" or "Drainage District Representative" means the individual by the Drainage District to act as a liaison between the Drainage District and the Contractor. Any questions or problems the Contractor may have concerning the work under this Contract should be directed to this individual.
- 1.4.** "Contract Documents" means the following documents which are included and fully incorporated into this Contract:
- 1.4.1** Exhibit I: Contractor Insurance Requirements.
 - 1.4.2** Exhibit II: Scope of Contractor's Services.
 - 1.4.3** Exhibit III: Dunbar Mechanical Proposal dated February 17, 2025
 - 1.4.4** Exhibit IV: Construction Drawings and Specifications. (If Applicable)
- 1.5.** "Contractor Employee" means without limitation, any employees, officers, directors, members, managers, trustees, volunteers, attorneys, and representatives of Contractor, and also includes any Contractor licensees , concessionaires, contractors, subcontractors, independent contractors, contractor's suppliers, subsidiaries, joint ventures or partners, and/or any such persons successors or predecessors, employees, (whether such persons act or acted in their personal, representative or official capacities), and /or any and all persons acting by, through, under, or in concert with any of the above. "Contractor Employee" shall also include any person who was a Contractor Employee at anytime during the term of this contract but, for any reason is no longer employed, appointed, or elected in that capacity.
- 1.6.** Subcontractor" includes only those having a direct contact with the Contractor in the way of labor or materials worked to a special design. One who merely furnishes material to the Contractor is not included in this definition.
- 1.7.** "Claims" means any alleged losses, claims, complaints, demands for relief or damages, suits, causes of action, proceedings, judgments, deficiencies, liability, penalties, litigation, costs, and expenses, including, but not limited to, reimbursement for reasonable attorney fees, witness fees, court costs, investigation expenses, litigation expenses, amounts paid in settlement , and /or other amounts or liabilities of any kind which are imposed on, incurred by, or asserted against the Drainage District, or for which the Drainage District may become legally and /or contractually obligated to pay or defend against , whether direct , indirect or consequential, whether based upon any alleged violation of the federal or the state constitution, any federal or state statute, rule, regulation, or any alleged violation of federal or state common law, whether any such claims are brought in law or equity, tort, contract, or otherwise, and/or whether commenced or threatened.
- 1.8.** "Day" means any calendar day, which shall begin at 12:00:00 a.m. and end at 11:59:59 p.m.
- 1.9.** "Working Day" means any calendar day except Saturday, Sunday, and County legal holidays.
- 1.10.** "E-Verify" is an Internet based system operated by the Department of Homeland Security (DHS) in partnership with the Social Security Administration (SSA) that allows participating employers to electronically verify the employment eligibility of their new hired employees. For more information and to register visit <https://e-verify.uscis.gov/enroll/>.
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- 1.11. "Written Notice" shall be considered properly served if delivered in person to the Contractor, or to a member or office of his company; also if delivered at, or sent by registered mail to, the last known business address of the Contractor.
- 1.12. "Intellectual Property" means any developments, improvements, designs, innovation, and materials that may be the subject of a trademark/service mark, copyright or patent, trade secrets or Proprietary Information.
- 1.13. "Proprietary Information" means ideas, concepts, inventions and processes related to the development and operation of computer software and systems such as source code, object code, security procedures and passwords.

§2. CONTRACT EFFECTIVE DATE AND TERMINATION

- 2.1. The effective date of this Contract shall be as stated on the first page of this Contract, and unless otherwise terminated or canceled as provided below, it shall end at 11:59:59 p.m. on the "Contract Expiration Date" shown on the first page of this Contract, at which time this Contract expires without any further act or notice of either Party being required. The Parties are under no obligation to renew or extend this Contract after Contract Expiration Date. Notwithstanding the above, under no circumstances shall this Contract be effective and binding and no payments to the Contractor shall be due or owing for any Contractor services until and unless:
 - 2.1.1. This Contract is signed by a Contractor Employee, legally authorized to bind the Contractor.
 - 2.1.2. Any and all Contractor Certificates of Insurance and any other conditions precedent to the Contract have been submitted and accepted by the Drainage District.
 - 2.1.3. This Contract is signed by the Oakland-Macomb Interceptor Drainage District or authorized designee, as provided for on the signature page of this Contract, who shall be the final signatory to this Contract.
- 2.2. The Drainage District may terminate and/or cancel this Contract (or any part thereof) at any time during the term, any renewal, or any extension of this Contract, upon ninety (90) days written notice to the Contractor, for any reason, including convenience without incurring obligation or penalty of any kind. Notwithstanding the above, if the Drainage District is being reimbursed for any cost or expenses incurred under this Contract by any third party, including any Federal, State or local governmental agency, and any such third party funding is terminated, the Drainage District may terminate, end or cancel this Contract immediately upon written notice to the Contractor. The effective date for termination or cancellation shall be clearly stated in the written notice.
- 2.3. The Drainage District's sole obligation in the event of termination is for payment for actual services rendered by the Contractor before the effective date of termination. Under no circumstances shall the Drainage District be liable for any future loss of income, profits, any consequential damages or any loss of business opportunities, revenues, or any other economic benefit Contractor may have realized but for the termination and /or cancellation of this Contract. The Drainage District shall not be obligated to pay Contractor any cancellation or termination fee if this Contract is cancelled or terminated as provided herein.
- 2.4. Contractor may terminate and/or cancel this Contract (or any part thereof) at any time upon one hundred and eighty days (180) days written notice to the Drainage District, if the Drainage District defaults in any obligation contained herein, and within the one hundred and eighty days (180) notice period the Drainage District has failed or has not attempted to cure any such default. The effective date of termination and /or cancellation and the specific alleged default shall be clearly stated in the written notice.
- 2.5. Under no circumstances shall the Drainage District be obligated to pay the contractor for any Services rendered or Goods delivered which have not been invoiced, as required herein, within sixty (60) days of the date such Goods were actually delivered to the Drainage District or Services were actually rendered pursuant to this Contract.

3. SCOPE OF CONTRACTOR'S SERVICES

- 3.1 The Contractor shall perform all work identified in Exhibit II: "Scope of Contractor's Services."
- 3.2 The work performed by Contractor shall be done in conformance with Exhibit III: Dunbar Mechanical Proposal dated February 17, 2025
- 3.3 The work performed by Contractor shall be done pursuant to the Drawings and Specifications attached as Exhibit IV. (If Applicable).

4. DRAINAGE DISTRICT PAYMENT OBLIGATIONS FOR CONTRACTOR'S SERVICES

- 4.1. Except as otherwise expressly provided for in this Contract , the Drainage District's sole financial obligation to the Contractor for any services under this Contract shall be:
 - 4.1.1. In no event, shall the Drainage District's amount due and owing the Contractor for any and all services rendered exceed the amount identified as the "NOT TO EXCEED AMOUNT" on the first page of this Contract. In the event the Contractor can reasonably foresee the total billings for its services will exceed this "NOT TO EXCEED AMOUNT' ', the Contractor shall provide the Drainage District with notice of this contingency at least fifteen (15) Days before this event.
 - 4.1.2 The Contractor shall submit an invoice to the Drainage District which shall itemize all amounts due and/or owing by the Drainage District under this Contract, as of the date of the invoice. The invoices shall be submitted in the form and schedule approved by the Drainage District. The Drainage District shall have no obligation to make payment until a proper invoice of service is submitted. The Drainage District reserves the right to make partial payments on account of the amount due the Contractor as the work progresses.
- 4.2. Method of Payment. Method of Payment as specified in Exhibit II Scope of Contractor's Services. Final payment for the work performed under this Contract shall not be made until all work is satisfactorily performed and final clean-up has been performed.
- 4.3. Under no circumstances shall the Drainage District be responsible for any cost, fee, fine, penalty, or direct indirect, special, incidental or consequential damages incurred or suffered by Contractor in connection with or resulting from the Contractor's providing any services under this Contract.
- 4.4. The Drainage District has the right to offset any amounts due and owing to the Contractor should the Drainage District incur any cost associated with this Contract that is the obligations of Contractor under this Contract. This includes withholding payment in the amount of any Drainage District provided equipment, supplies or identification badges (if applicable) that are not returned by Contractor upon completion of the services provided under this Contract.
- 4.5. This Contract does not authorize any in-kind services by either Party, unless expressly provided herein .
- 4.6. Change Order Process. Changes in the Contract, Contract price or Scope of Work shall only occur in writing via a "Contract Change Order". Contract Change Orders shall be used to reflect additions to, reductions in, or changes to the Scope of Work (Exhibit II), Construction Drawings and Specifications (Exhibit IV) (If Applicable), Contract price, or any other changes to the Contract. The Contract Change Order shall indicate the reason for the addition, reduction, change, the cost impact, the new total Contract price and the resulting impact on the work schedules.

5. CONTRACTOR'S ASSURANCES AND WARRANTIES

- 5.1. The Contractor certifies that all statements, assurances, records, and materials submitted to Drainage

District in connection with securing this Contract have been truthful, complete and accurate in all respects. The Contractor agrees and understands that any material false statement, representation or omission made in connection with its seeking or obtaining this Contract may be grounds for canceling or terminating this Contract and/or debarring the Contractor from future Drainage District contracts. The Drainage District's right to cancel this Contract as provided herein shall be in addition to any other rights the Drainage District has to terminate or cancel this Contract.

- 5.2. Service Warranty. Contractor warrants that all services performed hereunder will be performed in a manner that complies with all applicable laws, statutes, regulations, ordinances, and professional standards.
- 5.3. Business and Professional Licenses. The Contractor will obtain and maintain at all times during the term of this Contract all applicable business and professional licenses necessary to provide the contracted services.
- 5.4. Equipment and Supplies. The Contractor is responsible for providing equipment and supplies required to complete the specified services under the Contract unless otherwise expressly set forth in the Contract.
- 5.5. Taxes. The Contractor shall pay, its own local, state and federal taxes, including without limitation, social security taxes, and unemployment compensation taxes. The Drainage District shall not be liable to or be required to reimburse the Contractor for any federal, state and local taxes or fees of any kind.
- 5.6. Contractor's Incidental Expenses. Except as otherwise expressly provided in this Contract, the Contractor shall be solely responsible and liable for all costs and expenses incident to the performance of all services for the Drainage District including, but not limited to, any professional dues, association fees, license fees, fines, taxes, and penalties.
- 5.7. E-Verify. In accordance with Miscellaneous Resolution No. 09 11 6 (BOC Minutes, July 30, 2009, pp 37-38), unless otherwise exempted, all service contractors and /or vendors who wish to contract with the Drainage District to provide services must first certify they have registered with, will participate in, and continue utilize, once registered, the E-Verify Program (or any successor program implemented by the federal government or its departments or agencies) to verify the work authorization status of all newly hired employees employed by the contractors and/or vendors. Breach of this term or conditions is considered a material breach of this agreement.
- 5.8. Contractor's/Vendor's execution of this agreement constitutes a certification that they are authorized to certify on behalf of contractor/vendor and do hereby certify on behalf of contractor/vendor that the contractor/vendor has registered with, has and will participate in, and does and will continue utilize once registered and throughout the term of this contract and any permissible extension hereof, the E-Verify Program (or any successor program implemented by the federal government or its departments or agencies) to verify the work authorization status of all newly hired employees employed by the contractors and/or vendors.
- 5.9. Contractor Employees.
 - 5.9.1 The Contractor shall employ and assign qualified Contractor Employees as necessary and appropriate to provide the services under this Contract. Contractor shall ensure all Contractor Employees have all the necessary knowledge, skill, and qualifications necessary to perform the required services and possess any necessary licenses, permits, certificates, and governmental authorizations as may be required by law.
 - 5.9.2 The Contractor shall solely control, direct, and supervise all Contractor Employees with respect to all Contractor obligations under this Contract. The Contractor will be solely responsible for and fully liable for the conduct and supervision of any Contractor Employee.
 - 5.9.3 All Contractor Employees shall wear and display appropriate Drainage District provided identification at all times while working on Drainage District premises. The Contractor shall return all Drainage District provided identification when any of the following situations occur: (1) Upon completion of the last day of work provided under this Contract; (2) when a Contractor Employee has completed the work under this Contract; or (3) when a Contractor Employee no longer works for Contractor.
 - 5.9.4 All Contractor Employees assigned to work under this Contract may, at the Drainage District's discretion, be subject to a security check and clearance by the Drainage District.

5.9.5 All newly hired Contractor Employees, unless otherwise excluded under Misc. Resolution No. 09116 must undergo employment eligibility verification through the E-Verify system. Failure of to verify newly hired employees is a material breach of this agreement.

- 5.10.** Contractor Employee-Related Expenses. All Contractor Employees shall be employed at the Contractor's sole expense (including employment-related taxes and insurance) and the Contractor warrants that all Contractor Employees shall fully comply with and adheres to all of the terms of this Contract. The Contractor shall be solely and completely liable for any and all applicable Contractor Employee's federal, state, or local payment withholdings or contributions and /or any and all Contractor Employee related pension or welfare benefits plan contribution under federal or state law. The Contractor shall indemnify and hold the Drainage District harmless for all Claims against the Drainage District by any Contractor Employee, arising out of any contract for hire or employer-employee relationship between the Contractor and any Contractor Employee, including, but not limited to, Worker's Compensation, disability pay or other insurance of any kind.
- 5.11.** Full Knowledge of Service Expectations and Attendant Circumstances. The Contractor warrants that before submitting its bid and entering into this Contract, it had a full opportunity to review the proposed services, examine all measurements, dimensions, and existing conditions of the work area for this Contract and to review all Drainage District requirements and expectations under this Contract. The Contractor is responsible for being adequately and properly prepared to execute and perform this Contract. The Contractor has satisfied itself in all material respects that it will be able to perform all obligations under the Contract as specified herein.
- 5.12.** The Contractor's Relationship To The Drainage District Is That Of An Independent Contractor. Nothing in this Contract is intended to establish an employer-employee relationship between the Drainage District and either the Contractor or any Contractor Employee. All Contractor Employees assigned to provide services under this Contract by the Contractor shall, in all cases, be deemed employees of the Contractor and not employees, agents or sub-contractors of the Drainage District.

6. CONTRACTOR PROVIDED INSURANCE AND INDEMNIFICATION

- 6.1.** Indemnification. The Contractor shall indemnify and hold the Drain age District harmless from any and all Claims which are incurred by or asserted against the Drainage District by any person or entity, alleged to have been caused or found to arise, from the acts, performances, errors, or omissions of the Contractor or Contractor' s Employees, including, without limitation, all Claims relating to injury or death of any person or damage to any property.
- 6.1.1** The indemnification rights contained in this Contract are in excess and over and above any valid and collectible insurance rights/policies. During the term of this Contract, if the validity or collectability of the Contractor's insurance is disputed by the insurance company, the Contractor shall indemnify the Drainage District for all claims asserted against the Drainage District and if the insurance company prevails, the Contractor shall indemnify the Drainage District for uncollectible accounts.
- 6.1.2** The Contractor shall have no rights against the Drainage District for any indemnification (e.g., contractual, equitable, or by implication), contribution, subrogation, and /or any other right to be reimbursed by the Drainage District except as expressly provided herein.
- 6.1.3** The Contractor waives and releases all actions, liabilities, loss and damage including any subrogated rights it may have against the Drainage District based upon any Claim brought against the Drainage District suffered by a Contractor Employee.
- 6.2.** Contractor Provided Insurance.

- 6.2.1** At all times during this Contract, including renewals or extensions, Contractor shall obtain and maintain insurance according to the specifications indicated in Exhibit I: Contractor Insurance Requirements.

7. GENERAL TERMS AND CONDITIONS

7.1. Notification and Access to Drainage District Facilities.

- 7.1.1** While the Contractor retains the right to perform work at any time, the Contractor shall give the Drainage District three (3) working days notice before commencement of work under this Contract and the Contractor must obtain prior permission from the Drainage District for access to Drainage District facilities after the Drainage District's regular business hours.
- 7.1.2** The Drainage District shall have full access to the work site and full access to the off-site preparation and fabrication facilities.

7.2. Use of Drainage District's Premises. The Contractor shall confine its equipment, apparatus, materials and products and operations of Contractor Employees to the limits indicated by law, ordinances, permits or directions of the Drainage District and shall not unnecessarily encumber the work site and Drainage District premises with its materials, products, or equipment.

7.3. Damage to Drainage District Property and Premises.

- 7.3.1** The Contractor shall be responsible for any damage to the Drainage District premises or property and the work site that is caused by the Contractor or Contractor Employees.
- 7.3.2** The Contractor shall take all necessary measures to prevent damage to Drainage District property and premises including other areas of the building and grounds and buildings and grounds located adjacent to the work site.
- 7.3.3** Should damage occur as a result of the Contractor's actions or the actions of the Contractor Employees, the Contractor is responsible for the repair and/or replacement of the damage. If the Contractor fails to repair or replace the damage, the Drainage District shall repair and/or replace the damaged area and charge the Contractor or deduct the amount from the Contractor's payment, at the Drainage District's option.

7.4. Cleaning.

- 7.4.1** The Contractor shall at all times keep the work site, the Drainage District's property and premises, the adjoining property and premises, driveways, and streets clean of rubbish and debris. At the completion of this Contract, Contractor shall remove all rubbish, debris, tools, equipment, temporary work and surplus materials from and about the work site and shall leave the work site clean and ready for use. If the Contractor does not perform such cleaning immediately upon request, the Drainage District may perform such cleaning and charge the cost to the Contractor.
- 7.4.2** While performing work under this Contract, the Contractor shall store its materials, products, supplies, and equipment in a neat and orderly manner so as not to unduly interfere with the progress of work under this Contract or the operation of Drainage District business.
- 7.4.3** The Contractor shall clean-up the work site on a daily basis to remove rubbish and debris from that day's work.

- 7.4.4** The Contractor shall remove all rubbish and debris from Drainage District property and premise and legally dispose of it. No burning of debris or rubbish shall be permitted.

7.5. Materials, Equipment and Construction.

- 7.5.1** Prior to commencing work under this Contract, the Contractor shall verify all measurements and conditions at the work site and shall be responsible for the accuracy of such measurements and conditions. No extras shall be paid due to differences between actual dimensions taken by the Contractor and those indicated in the Drawings and Specifications. The Contractor shall immediately notify the Drainage District of any discrepancies discovered.
- 7.5.2** All work performed under this Contract shall conform to the best current practice at the respective trades. All equipment, materials and products used in the work under this Contract shall be new and of the best grade of its kind for the purpose. The Contractor shall furnish evidence as to kind and quality of materials and products, upon request of the Drainage District.
- 7.5.3** The Contractor shall deliver all materials and products to the work site in their original unopened containers bearing the names of the manufacturer and brand. Materials and products shall be handled and stored as recommended by the manufacturer to prevent damage.
- 7.5.4** The Contractor shall retain all stored items at and around the work site in an orderly manner allowing maximum access to the work site, not impeding drainage or traffic, and providing the required protection of materials and products.
- 7.5.5** The Contractor shall confine his equipment, apparatus, the storage of materials and operations of his employees to the limits indicated by law, ordinances, permits or directions of the Drainage District and shall not unnecessarily encumber the premises with his materials or equipment.
- 7.5.6** In general, it is the intent of these Specifications to permit the use of equipment of any manufacture so long as they are fully consistent, in the opinion of the Drainage District, with the quality and performance requirements of the job. This is indicated by the use of the words "or approved equal" following specific trade name or manufacture.
- 7.5.7** When the Contractor wishes to use a product as an approved equal, he must seek prior approval of the Drainage District Representative.
- 7.5.8** Should the Contractor use sub-standard or non-specified materials or products, such materials or products shall be removed and replaced with the proper or correct materials or products at Contractor's expense.
- 7.5.9** Within twenty-four (24) hours after receiving written notice from the Drainage District, the Contractor shall remove from the grounds or buildings all material, products, fixtures or apparatus that do not conform to the Drawings and Specifications as set forth in Exhibit IV (If Applicable) or the conditions of the Contract as determined by the Drainage District.
- 7.5.10** The Drainage District shall have the right to order the work wholly or partially stopped until the objectionable work, materials, products, fixtures or apparatus are removed or to declare the Contract forfeited for non-performance or not being executed according to the intent or meaning of the Drawings and Specifications, set forth in Exhibit IV. (If Applicable)

- 7.5.11** Contractors working for Drainage District are responsible for being adequately and properly prepared to execute the Contract. They are expected to maintain high standards or workmanship, representing the best traditions of the trade.
- 7.5.12** In the event the Contractor shall fail, neglect, or refuse to perform any or all of his duties under this Contract, the Drainage District, after giving the Contractor seven (7) calendar days notice in writing, may perform or employ another entity to perform such duties under the Contract and charge the Contractor or deduct the amount from the Contractor's payment due under this Contract, at the Drainage District's option.
- 7.5.13** All materials, products and work used in the performance of this Contract shall comply with all applicable federal, state and local codes.
- 7.6.Safety.** As stated in Exhibit II
- 7.7.Guarantees.** As stated in Exhibit II
- 7.8.Bonding Requirements.** As stated in Exhibit II
- 7.9.Liens.** As stated in Exhibit II
- 7.10. Cumulative Remedies.** A Party's exercise of any remedy shall not preclude the exercise of any other remedies, all of which shall be cumulative. A Party shall have the right, in its sole discretion, to determine which remedies are to be exercised and in which order.
- 7.11. Survival of Terms and Conditions.** The following terms and conditions shall survive and continue in full force beyond the termination and/or cancellation of this Contract (or any part thereof) until the terms and conditions are fully satisfied or expire by their very nature:
- 7.11.1** "CONTRACTOR'S ASSURANCES AND WARRANTIES";
 - 7.11.2** "CONTRACTOR PROVIDED INSURANCE AND INDEMNIFICATION";
 - 7.11.3** "Damage Clean Up To Drainage District Property and/or Premises";
 - 7.11.4** "Audit";
 - 7.11.5** "Severability";
 - 7.11.6** "Governing Law /Consent To Jurisdiction And Venue";and
 - 7.11.7** "Survival of Terms And Conditions".
- 7.12. Drainage District Right to Suspend Services.** Upon written notice, the Drainage District may suspend performance of this Contract if Contractor has failed to comply with federal, state, or local laws, or any requirements contained in this Contract. The right to suspend services is in addition to the Drainage District's right to terminate and/or cancel this Contract. The Drainage District shall incur no penalty, expense, or liability to Contractor if the Drainage District suspends services under this Section.
- 7.13. No Third Party Beneficiaries.** Except as provided for the benefit of the Parties or except as specifically set forth in the Contract, this Contract does not and is not intended to create any obligation, duty, promise, contractual right or benefit, right to be indemnified, right to be subrogated to the Parties' rights in this Contract, and /or any other right, in favor of any other person or entity.
- 7.14. Compliance with Laws.** Contractor shall comply with all federal, state, and local laws, statutes, ordinances, regulations, insurance policy requirements, and requirements applicable to its activities under this Contract, including zoning and building codes and MIOSHA guidelines.
- 7.15. Permits and Licenses.** Contractor shall be responsible for obtaining and maintaining throughout the term of this Contract all licenses, permits, certificates, and governmental authorizations necessary to perform all of its obligations under this Contract and to conduct business under this Contract. Upon request by the Drainage District, Contractor shall furnish

copies of any permit, license, certificate or governmental authorizations necessary to provide services under this Contract. The Contractor shall deliver all certificates of inspection to the Drainage District, if applicable.

7.15.1 The Drainage District Representative or Contract Administrator shall act as inspector for this project.

7.15.2 The inspector shall have access to the Work under this Contract. Off-site preparation, fabrication, or execution of Work under this Contract shall be inspected as required.

7.16. Discrimination. Contractor shall not discriminate against any employee or applicant for employment because of sex, race, religion, color, national origin, or handicap in violation of State and Federal law.

7.16.1 Contractor shall promptly notify the Drainage District of any complaint or charge filed and/or determination by any Court or administrative agency of illegal discrimination by Contractor.

7.16.2 The Drainage District, in its discretion, may consider any illegal discrimination described above as a breach of this Contract and may terminate or cancel this Contract immediately with notice.

7.17. Reservation of Rights. This Contract does not, and is not intended to impair, divest, delegate, or contravene any constitutional, statutory, and /or other legal right, privilege, power, obligation, duty, or immunity of the Drainage District.

7.18. Force Majeure. Notwithstanding any other term or provision of this Contract, neither Party shall be liable to the other for any failure of performance hereunder if such failure is due to any cause beyond the reasonable control of that Party and that Party cannot reasonably accommodate or mitigate the effects of any such cause. Such cause shall include, without limitation, acts of God, fire, explosion, vandalism, any law, order, regulation, direction, action, or request of the United States government or of any other government, national emergencies, insurrections, riots, wars, strikes, lockouts, work stoppages, or other labor difficulties. Reasonable notice shall be given to the affected Party of any such event. The Contractor is expected, through insurance or alternative temporary or emergency service arrangements, to continue its obligations under this contract in the event of a reasonably anticipated, insurable business risk such as business interruption and/or any insurable casualty or loss.

7.19. Conflict of Interest. Pursuant to Public Act 317 and 318 of 1968, as amended (MCL 15.321, et seq.), no contracts shall be entered into between the Drainage District, including all agencies and departments thereof, and any Drainage District Agent. To avoid any real or perceived conflict of interest, Contractor shall identify any Contractor Employee or relative of Contractor's Employees who are presently employed by the Drainage District. Contractor shall give the Drainage District notice if there are any Drainage District Agents or relatives of Drainage District Agents who are presently employed by Contractor.

7.20. Grant Compliance. If any part of this Contract is supported or paid for with any state or federal funds granted to the Drainage District, the Contractor shall comply with all applicable grant requirements.

7.21. Project Managers. Each Party shall designate an employee or agent to act as a Project Manager. The Project Managers shall serve as a contact point for all matters related to the services to be performed under this Contract. The Contractor's Project Manager shall coordinate with the Drainage District's Project Manager; the Contractor shall provide the name and qualifications

of its Project Manager and an alternate.

7.22. Contract Administrator. Each Party may designate an employee or agent to act as Contract Administrator. The Drainage District's Contract Administrator shall be responsible for such activities as monitoring deliverables and funding, addressing the quality of services provided by the Contractor, reviewing invoices and submitting requests to the Drainage District's procurement authority for any contract modification in accordance with Sections 7.32 of this Contract.

7.23. Dispute Resolution. All disputes arising under or relating to the execution, interpretation, performance, or nonperformance of this Contract involving or affecting the Parties may first be submitted to the respective Project Managers and Contract Administrators for possible resolution. The Project Managers and Contract Administrators may promptly meet and confer in an effort to resolve such dispute. If the Project Managers cannot resolve the dispute in five (5) business days, the dispute may be submitted to the signatories of this Contract or their successors in office. The signatories of this Contract may meet promptly and confer in an effort to resolve such dispute.

7.24. Access and Records. Contractor will maintain accurate books and records in connection with the services provided under this Contract for thirty-six (36) months after end of this Contract, and provide the Drainage District with reasonable access to such book and records.

7.25. Audit. Contractor shall allow the Oakland County's Auditing Division, or an independent auditor hired by the Drainage District, to perform finance compliance audits with the authority to access all pertinent records and interview any Contractor Employee throughout the term of this Contract, and for a period of three years after final payment.

7.25.1 Contractor shall explain any audit finding, questionable costs, or other Contract compliance deficiencies to the Drainage District within thirty (30) business days of receiving the draft audit report. Contractor's written response shall include all necessary documents and information that refute the draft audit report, and an action plan to resolve the audit findings. A copy of the Contractor's response will be included in the final report. Failure by the Contractor to respond in writing within thirty (30) business days shall be deemed acceptance of the draft audit report, and will be noted in the final report.

7.26. Delegation /Subcontract/Assignment.

7.26.1 The Contractor shall not assign, delegate, or subcontract any part of this Contract without the prior written consent of the Drainage District.

7.26.2 The rights and obligations under this Contract shall not be diminished in any manner by assignment, delegation or subcontract.

7.26.3 Any assignment, delegation, or subcontract by Contractor must include a requirement that the assignee, delegee, or subcontractor will comply with the rights and obligations contained in this Contract.

7.26.4 The Contractor shall remain primarily liable for all work performed by any subcontractors. The Contractor shall remain liable to the Drainage District for any obligations under the Contract not completely performed or incorrectly performed by any Contractor delegee or subcontractor.

7.26.5 The Contractor shall be fully responsible to the Drainage District for the acts and omissions of its subcontractors.

7.26.6 Should a subcontractor fail to provide the work as required by the Contract, the Contractor shall contract with another entity to perform the work in a timely manner. Any additional costs associated with securing a competent subcontractor and performing the required work shall be the sole responsibility of the Contractor.

- 7.26.7** The Drainage District reserves the right to let other contracts in connection with this Work even if of like character to the Work under this Contract. The Contractor shall coordinate his work with theirs.
- 7.26.8** If any part of the Contractor's services depends upon the work of any other contractor or subcontractor, the Contractor shall inspect and promptly report to the Drainage District any defects in such work that shall render it unsuitable. The failure to inspect and report shall constitute an acceptance of the other contractor's or subcontractor's services.
- 7.26.9** This Contract cannot be sold.
- 7.26.10** In the event that a Petition in Bankruptcy is filed and there is an assignment of this Contract by a Court, the Drainage District may declare this Contract null and void.
- 7.27.** Non Exclusive Contract. No provision in this Contract limits, or is intended to limit, in any way the Contractor's right to offer and provide its services to the general public, other business entities, municipalities, or governmental agencies during or after the term of this Contract. Similarly, this Contract is a non-exclusive agreement and the Drainage District may freely engage other persons to perform the same work that the Contractor performs. Except as provided in this Contract, this Contract shall not be construed to guarantee the Contractor or any Contractor Employee any number of fixed or certain number or quantity of hours or services to be rendered to the Drainage District.
- 7.28.** No Implied Waiver. Absent a written waiver, no act, failure, or delay by a Party to pursue or enforce any right or remedy under this Contract shall constitute a waiver of those rights with regard to any existing or subsequent breach of this Contract. No waiver of any term, condition, or provision of this Contract, whether by conduct or otherwise, in one or more instances, shall be deemed or construed as a continuing waiver of any term, condition, or provision of this Contract. No waiver by either Party shall subsequently affect its right to require strict performance of this Contract.
- 7.29.** Severability. If a court of competent jurisdiction finds a term, condition, or provision of this Contract to be illegal or invalid, then the term, condition, or provision shall be deemed severed from this Contract. All other terms, conditions, and provisions of this Contract shall remain in full force and effect. Notwithstanding the above, if Contractor's promise to indemnify or hold the Drainage District harmless is found illegal or invalid, Contractor shall contribute the maximum it is permitted to pay by law toward the payment and satisfaction of any Claims against the Drainage District.
- 7.30.** Captions. The section and subsection numbers, captions, and any index to such sections and subsections contained in this Contract are intended for the convenience of the reader and are not intended to have any substantive meaning and shall not be interpreted to limit or modify any substantive provisions of this contract. Any use of the singular or plural number, any reference to the male, female, or neuter genders, and any possessive or nonpossessive use in this contract shall be deemed the appropriate plurality, gender or possession as the context requires.
- 7.31.** Notices. Notices given under this Contract shall be in writing and shall either be personally delivered, sent by express delivery service, certified mail, or first class U.S. mail postage prepaid, and addressed to the person listed below. Notice will be deemed given when one of the following occur: (1) the date of actual receipt; (2) the next business day when notice is sent express delivery service or personal delivery ; or (3) three days after mailing first class or certified U.S. mail.
- 7.31.1** If notice is sent to the Contractor, it shall be addressed to the individual and sent to the address listed on the first page of this Contract.
- 7.31.2** If notice is sent to the Drainage District, it shall be addressed to the Contract

Administrator and sent to the address listed on the first page of this Contract.

7.31.3 Either Party may change the address or individual to which notice is sent by notifying the other party in writing of the change.

7.32. Contract Modifications or Amendments. Any modifications, amendments, revisions, waivers, or releases to this Contract must be in writing and agreed to by both Parties. Unless otherwise agreed, the modification, amendment, revision, waiver, or release shall be signed by an expressly authorized Contractor Employee and by the same person who signed the Contract for the Drainage District or other Drainage District Agent as authorized by the OMIDDD Drainage Board.

7.33. Precedence of Documents. In the event of a conflict between the terms and conditions in any of the documents comprising this Contract, the conflict shall be resolved as follows:

7.33.1 The terms and conditions contained in this main Contract document shall prevail and take precedence over any allegedly conflicting provisions in all other Exhibits and documents.

7.34. Governing Laws/Consent to Jurisdiction and Venue. This Contract shall be governed, interpreted, and enforced by the laws of the State of Michigan. Except as otherwise required by law or court rule, any action brought to enforce, interpret, or decide any Claim arising under or related to this Contract shall be brought in the Sixth Judicial Circuit Court of the State of Michigan, the 50th District Court of the State of Michigan, or the United States District Court for the Eastern District of Michigan, Southern Division, as dictated by the applicable jurisdiction of the court. Except as otherwise required by law or court rule, venue is proper in the courts set forth above. The choice of forum set forth above shall not be deemed to preclude the enforcement of any judgment obtained in such forum or taking action under this Contract to enforce such judgment in any appropriate jurisdiction.

7.35. Contractor Use of Confidential Information. The Contractor and/or Contractor Employees shall not reproduce, provide, disclose, or give access to Confidential Information to any third party, or to any Contractor Employee not having a legitimate need to know any such information and data, and shall not use the Confidential Information for any purpose other than performing its services under this Contract. Notwithstanding the foregoing, Contractor may disclose the Confidential Information if required by law, statute or other legal process; provided that Contractor (i) gives Drainage District prompt written notice of an impending disclosure, (ii) provides reasonable assistance to Drainage District in opposing or limiting the disclosure, and (iii) makes only such disclosure as is compelled or required.

7.35.1. This Contract imposes no obligation upon Contractor with respect to any Confidential Information which Contractor can establish by legally sufficient evidence: (i) was in the possession of, or was known by Contractor, prior to its receipt from the Drainage District, without an obligation to maintain its confidentiality; or (ii) is obtained by Contractor from a third party having the right to disclose it, without an obligation to keep such information confidential.

7.35.2. As used in this Contract, Confidential Information means all information that the Drainage District is required or permitted by law to keep confidential.

7.36. Contractor Use of Drainage District Licensed Software. In order for the Contractor to perform its services under this Contract, the Drainage District may permit Contractor or Contractor Employees to access certain copyrighted Software licensed to the Drainage District. Contractor or Contractor Employees shall not: transfer, remove, use, copy, or otherwise provide or make available any such copyrighted Software or Documentation to any other person or entity, for any purpose, without the prior written consent of the Drainage District and /or the licensor. Furthermore, neither the Contractor nor Contractor Employee shall produce a source listing, decompile, disassemble, or otherwise reverse engineer any copyrighted Software. Neither the

Contractor nor Contractor Employee shall use any copyrighted software contrary to the provisions of any applicable Software license agreement or state or federal law.

7.37. Assignment of Rights. In consideration for the work Contractor performs under this Contract, and the fees paid to Contractor for services, Contractor agrees to the following:

7.37.1. Contractor shall have no copyright, patent, trademark or trade secret rights in Drainage District Intellectual Property.

7.37.2. Any and all programs, inventions and other work or authorship developed by Contractor while performing services to Drainage District are works made for hire, created for and owned exclusively by Drainage District.

7.37.3. Contractor assigns to Drainage District all rights and interest in Drainage District Intellectual Property, which Contractor has made or conceived, or may make and conceive, either solely or jointly with others, either on or off Drainage District premises (1) while providing services to Drainage District, or (2) with the use of the time, materials or facilities of the Drainage District.

7.37.4. Contractor shall sign any papers necessary for patents, copyrights or trademark registrations to give title to Drainage District.

7.38. Confidential Information. Contractor acknowledges:

7.38.1 That the Drainage District is developing and using Proprietary Information, and Intellectual Property that is valuable to its operations. The Drainage District has instituted policies and procedures to protect this information. In performance of its obligations under this Contract, Contractor may become acquainted with Drainage District Proprietary Information and Intellectual Property.

7.38.2. Either during or after the term of this Contract Contractor shall not disclose to anyone or use any Drainage District Proprietary Information and Intellectual Property disclosed to Contractor while providing services to Drainage District under this Contract. This obligation does not apply to information after it becomes generally known to the public.

7.38.3. Contractor shall not disclose any Intellectual Property belonging to a third party that Contractor learns about by virtue of providing services to the Drainage District.

7.39. Entire Contract. This Contract represents the entire Contract and understanding between the Parties. This Contract supersedes all other prior oral or written understandings, communications, agreements or Contracts between the parties. The language of this Contract shall be construed as a whole according to its fair meaning, and not construed strictly for or against any Party.

The undersigned executes this Contract on behalf of Contractor and the Drainage District, and by doing so legally obligates and binds Contractor and the Drainage District to the terms and conditions of this Contract.

FOR THE CONTRACTOR:

BY: _____

DATE: _____

_____ appeared in person before me this day and executed this Contract on behalf of Contractor and acknowledged to me under oath that they have taken all actions and secured any and all necessary approvals and authorizations and has the requisite authority from Contractor to fully and completely obligate and bind Contractor to the terms and conditions of this Contract and any and all other documents incorporated by reference and also acknowledged to me under oath having been provided with copies and having read and reviewed all Contract documents including all documents incorporated by reference.

Subscribe and sworn to before me on this _____ day of _____, 20 ____.

Notary Public, State of _____

_____ County

My Commission Expires: _____

Acting in the County of _____

FOR THE DRAINAGE DISTRICT:

BY: _____

DATE: _____

Jim Nash, Oakland County Water Resources Commissioner
On behalf of the Oakland Macomb Interceptor Drain Drainage District.

APPROVED AS TO SCOPE OF CONTRACTOR SERVICES:

BY: _____

DATE: _____

Sid Lockhart, P.E. Special Projects
Manager
Contract Administrator

EXHIBIT I

CONTRACTOR INSURANCE REQUIREMENTS

1. At all times during this Contract, including renewals or extensions, Contractor shall obtain and maintain insurance according to the following specifications:

a. Commercial General Liability - with the following as minimum requirements:

\$5,000,000 - Each Occurrence (Total Limit)

Occurrence Form Policy Broad

Form Property Damage

Premises /Operations

Independent Contractors

Products and Completed Operations

(Blanket) Broad Form Contractual

Personal Injury - Delete Contractual Exclusion

Additional Insured: The OMIDDD, the County of Oakland, the County of Macomb and drainage district Agents (as defined in this Contract);

b. Workers' Compensation - as required by law and \$1,000,000 Employer's Liability;

c. Automobile Liability and Property Damage - \$1,000,000 each occurrence, including coverage for all owned, hired and non-owned vehicles including No Fault coverage as required by law;

d. Pollution Liability Insurance with minimum limits of \$1,000,000 per claim and \$1,000,000 aggregate.

2. General Certificates of Insurance:

a. All Certificates of Insurance shall contain evidence of the following conditions and/or clauses and shall be sent to: Oakland County Water Resources Commissioner- Insurance Administrator at 1 Public Works Drive, Waterford, MI 48328.

b. The Oakland-Macomb Interceptor Drain Drainage District, County of Oakland , County of Macomb and Drainage District Agents (as defined in this Contract) shall be named as "General Liability" Additional Insured with respect to work performed by the Contractor.

c. All Certificates are to provide 30 days written notice of material change, cancellation, or non-renewal. Certificates of Insurance or insurance binders must be provided no less than ten (10) working days before commencement of work to the Oakland County Water Resources Commissioner - Insurance Administrator. Insurance carriers are subject to the approval of Water Resources Commissioner's Insurance Administrator.

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EXHIBIT II

SCOPE OF CONTRACTOR'S SERVICES

I. Scope of services

- A. The OMIDDD is responsible for maintaining heating, ventilation and air conditioning equipment at the Northeast Sewage Pumping Station (NESPS) with address 11001 East State Fair Detroit, MI 48234. The Contractor is to provide labor, equipment and material to perform the following tasks as it pertains to this equipment or others as-needed:
- a. In-shop and on-site equipment repair, installation, and removal services as directed and on an as-needed basis, including emergencies. A 24-hr, 7-day on-call contact number is to be provided for emergencies. Response is required within 2 hours.
 - b. Perform the routine maintenance and/or testing tasks identified in Exhibit III to the initial frequencies prescribed therein, as applicable and according to manufacturer's recommendations. It is understood by both parties that these frequencies may be increased or decreased based on each piece of equipment's condition and use and that the Contractor will be compensated for the actual work performed according to the rates identified in Exhibit III.
 - c. Perform additional maintenance tasks that are specifically requested in writing by the OMIDDD or its agents, and/or recommended by the Contractor and agreed-to in writing by the OMIDDD at mutually acceptable frequencies.
 - d. Submit invoices itemized in accordance with the schedule of rates shown in Exhibit III and Section II herein. Mobilization shall be included in Contractor's rates
 - e. Provide back-up for all subcontracted services and purchased materials and supplies.

II. Method of Payment:

- A. It is understood that the method of payment by the Drainage District to the Contractor shall be on a time and material basis not to exceed the lump sum and rates as indicated in the Dunbar Mechanical Proposal dated February 17, 2025 shown in Exhibit III.
1. "COST" for services provided by Contractor and as further defined below shall be the actual and necessary costs incurred by the Contractor for:
 - (a) labor
 - (b) materials
 - (c) equipment rental
 - (d) insurance premiums
 2. Time worked and materials placed in the field must be verified by the Drainage District's on site inspector's daily reports. Labor costs shall be the rates identified in the proposal in Exhibit III.
- C. Materials costs shall be the net price paid for material delivered to the site of the work. If any material previously required is omitted by the written order of the Drainage District after it has been delivered to or partially worked on by the Contractor and consequently will not remain its full value for other uses, the Contractor shall be allowed the actual cost of the omitted material less a fair market value of the material as determined by the Drainage District.
- D. Equipment rental shall be the actual additional costs incurred for necessary equipment. Costs shall not be allowed in excess of usual rentals charged in the area for similar equipment of like size and condition; including the costs of necessary supplies and repairs for operating the equipment. No costs, however, shall be allowed for the use of equipment on the site in connection with other work. If equipment not on the site

CONTRACT xxxx

is required for the change in the work only, the cost of transporting such equipment to and from the site shall be allowed.

1. The rental rate established for each piece of Contractor owned equipment, including appurtenances and attachments to equipment used, will be determined by use of the Rental Rate Blue Book for Construction Equipment Volume I, 2, or 3, as applicable; the edition which is current at the time the work was started will apply. The established hourly rental rate will be equal to the "Monthly" rate divided by 176, modified by the applicable rate adjustment factor and the map adjustment factor, plus the "Estimated Operating Costs per Hour".
 2. For equipment not listed in the Rental Blue Book, Volume 1, 2, or 3, the rental rate will be determined by using the rate listed for a similar piece of equipment or by proportioning a rate listed so that the capacity, size, horsepower, and age are properly considered.
 3. In the event that machinery and equipment actually on the project site is idled for reasons beyond the control of the Contractor, the rental rate for Contractor owned equipment will be the "Monthly" rate divided by 176, modified by the applicable rate adjustment factor and the map adjustment factor, and then multiplied by 50 percent. No payment will be allowed for operating costs. This section applies only to machinery and equipment necessary for performance of the work in question.
- E. Insurance premiums shall be limited to those based on labor payroll and to the types of insurance required by the Contract. The amount allowed shall be limited to the net costs incurred as determined from the labor payroll covering the work. The Contractor shall, upon request of the Drainage District, submit verification of the applicable insurance rates and premium computations.

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CONTRACTOR'S PROPOSAL

Prepared for:

Oakland-Macomb Interceptor Drain Drainage District

For site location:

NE Sewage Pumping Station

11000 East 8 Mile Road

Detroit, MI 48205

Preventive Maintenance Agreement February 17, 2025



Cost Proposal

The Preventive Maintenance Agreement described herein will be for a term of One (1) year beginning with the signature date of this agreement. This agreement will automatically renew unless either party terminates this agreement with written notice forty-five (45) days before the anniversary date of the agreement.

The cost to implement this Program includes all costs associated with performing the scope of work defined above.

Your **2025-2026** investment for this program is **\$39,084.**

We will invoice you on a quarterly basis in the amount of \$9,771

Your **2026-2027** investment for this program is **\$40,256**

We will invoice you on a quarterly basis in the amount of \$10,064

Your **2027-2028** investment for this program is **\$41,465**

We will invoice you on a quarterly basis in the amount of \$10,366

Preferred Hourly Rate: \$130.00 will be charged for all services not covered under this agreement.

Truck Charge: \$50.00 truck charge per invoice for additional service work not included in the contract. Dunbar reserves the right to adjust the price and rates of this agreement on an annual basis at the time of anniversary.

Payment terms will be thirty (30) days after Dunbar Mechanical's date of invoice. Dunbar Mechanical reserves the right to discontinue its service anytime payments have not been made as agreed. Failure to make payments when due or impairment of customer's credit shall relieve Dunbar Mechanical of any and all obligations pertaining to work or performance of work.

Agreement coverage begins: March 1st, 2025.

Please sign in the space provided below as your acceptance of this Agreement.

CUSTOMER ACCEPTANCE:

ACCEPTED BY: _____

PRINT NAME: _____

TITLE: _____

DATE: _____

P.O. #: _____

DUNBAR MECHANICAL ACCEPTANCE:

ACCEPTED BY: _____

PRINT NAME: Moe Afifi

TITLE: Account Manager _____

DATE: _____

SIGNATURE: _____
Tony Mira-Director of Service

Scope of Work

This Preventive Maintenance Agreement includes the following scope of service to be provided for your building and on the equipment described in the "List of Maintained Equipment" located in the Appendix A section of this agreement.

▪ **Scheduled Inspections**

Dunbar will provide four (4) Operational inspections per year on the Bard units and supply and exhaust fans, and two (2) operational inspections on the air rotation equipment in accordance with the "Equipment Tasking Procedures". The maintenance tasking procedures, which our technicians precisely follow, are determined by the manufacturer's recommendations, equipment application and our extensive experience. The Herisite coating on the refrigerant piping will be touched up as needed.

▪ **Planned Maintenance**

- **Filter Maintenance** – Four (4) air filter changes on the Bard units only. Dunbar Mechanical will provide for all labor and material associated with the installation of new and the removal and disposal of the used filters on all equipment listed in Appendix A that have filters.
- **Power Washing**- Power wash the condenser coils four (4) times per year during the summer. Two (2) washings will include chemical cleaning and the others will be with water only. Power washing of the intake screens in fan room is included. Washing of the filters in the Xetex units is included. This will be performed on all equipment listed in Appendix A that have condensing coils.
- **Belt Maintenance**- Belts will be changed on all equipment once annually.
- **Tasking Development**- Dunbar is allotting time to help the plant develop the tasking procedures and frequencies for the task that in-house staff can do on a monthly basis.

▪ **Emergency and Trouble Call Coverage**

Even with the comprehensive care provided in this program, occasional failures can occur. Under this agreement, we will provide emergency response between scheduled visits, Monday through Sunday, including Holidays, 24 hours per day to minimize downtime. Even during peak heating or cooling periods, we will be on-site within 4 hours from receipt of your request. The cost of emergency visits and subsequent repairs deemed necessary is not included in this Agreement.

Overtime and Saturday rates will be at time and a half or \$165.00 per hour
Sunday and Holiday rates will be double time or \$220.00 per hour

▪ **Additional Program Elements**

- **Refrigerant Containment Service** – We will visually leak test and report needed repairs on any equipment found low of refrigerant. We will use recovery, recycling and reclamation of your refrigerant as appropriate to minimize costs of replacement refrigerant. Such work will be done per all federal, state and local regulatory guidelines.
- **Service Documentation** – We will document all scheduled and unscheduled service work showing the time, date, name of service technician, and equipment identification and brief description of work. This documentation will be made available upon request.
- **Performance Assurance Program** – We will meet with you annually or more frequently upon request to evaluate and make modifications, if necessary, to this Mechanical Planned Maintenance program to assure that it continues to meet your business and technical requirements.
- **Preferred hourly rate**- The preferred hourly rate listed on the pricing page will be used on all plumbing, refrigeration services and HVAC services.

Appendix A: List of Maintained Equipment

UNIT ID	Make	Model	Serial Number	Unit Type	Location
1	BARD	W72AB-C09BPXX3J	405F173418945-02	Wall Hung	VFD-4 Unit 1
2	BARD	W72AB-C09BPXX3J	405F173418946-02	Wall Hung	VFD-4 Unit 2
3	BARD	W72AB-C09BPXX3J	405F173418944-02	Wall Hung	VFD-4 Unit 3
4	BARD	W72AB-C09BPXX3J	405F183546470-02	Wall Hung	VFD-2 Unit 1
5	BARD	W72AB-C09BPXX3J	405F183546469-02	Wall Hung	VFD-2 Unit 2
6	BARD	W72AB-C09BPXX3J	405F183546467-02	Wall Hung	VFD-2 Unit 3
7	BARD	W72AB-C09BPXX3J	405F183546468-02	Wall Hung	VFD-2 Unit 4
WWEF1	AEROVENT	542M1 CLFG ARR9F	20-637152-1-1	EF	GROUND
WWEF2	AEROVENT	542M1 CLFG ARR9F	20-637152-1-1	EF	GROUND
WWMAU1	XETEX	XAH-44000-RT-HI	137510220-1/2	MAU	GROUND
WWMAU2	XETEX	XAH-44000-RT-HI	137510220-2/2	MAU	GROUND
DWEF1	GREENHECK	CUBE-480-75-X	16021264 191	EF	MOTOR ROOM ROOF NORTH SIDE OF ROOF
DWEF2	GREENHECK	CUBE-480-75-X	16021265 191	EF	MOTOR ROOM ROOF SOUT SIDE OF ROOF
EF6	GREENHECK	G-080-D-1-17-X	17640414 21B	EF	LOW ROOF, HATCH
DFAH-1	RUPP	CFA27	2873960.5	MAU, DIRECT FIRE	SUPPLY FAN ROOM 1
DFAH-2	RUPP	CFA27	2873960 - 2/2	MAU, DIRECT FIRE	SUPPLY FAN ROOM 2

BTFS1	VERANTIS	CLUB-4450	6325-001	EF	EAST, BACK
BTFS2	VERANTIS	CLUB-4450	6325-002	EF	EAST, BACK
DWEF3	GREENHECK	6080-D-1-17-X	17640414 21B	EF	LOWER ROOF ABOVE MCC FLOOR
DWEF4	GREENHECK	GB-220-5-X	15351095 18C	EF BELT DRIVEN	LOWER ROOF ABOVE MCC FLOOR
BTF SF-2	VERANTIS	CLUB-4450	CLUB44504L	CENTRIFUGAL FAN	BIOFILTER
DWSF-1	EATON	DG1-34023FB-C21C	2890192321	SUPPLY FAN VFD	MOTOR ROOM FLOOR
DWSF-2	EATON	DG1-34023FB-C21C	2890978359	SUPPLY FAN VFD	MOTOR ROOM FLOOR
DWEF-1	EATON	DG1-34012FB-C21C	2893336974	EF VFD	MOTOR ROOM FLOOR
DWEF-2	EATON	DG1-34012FB-C21C	2892292440	EF VFD	MOTOR ROOM FLOOR
WWMAU- 1	EATON	DG1-34087FN-C21C	2894123217	MAKE UP AIR VFD	MOTOR ROOM FLOOR
WWMAU- 2	EATON	DG1-34087FN-C21C	2892290479	MAKE UP AIR VFD	MOTOR ROOM FLOOR
DWSF-1	GREENHECK	QE1D-33-100-B150-X	16098232 19K	SUPPLY FAN DD	SUPPLY FAN ROOM 1
DWSF-2	GREENHECK	QE1D-33-100-B150-X	16098231 19K	SUPPLY FAN DD	SUPPLFAN ROOM 2
BTF SF-1	VERANTIS	CLUB-4450	CLUB44504L	CENTRIFUGAL FAN	BIOFILTER
ACCU-1	Odyssey	TTA18044CAA01AS040001	TTA18044CAA01AS040001	Air Conditioning Split System	Elec. Building Roof
ACCU-2	Odyssey	TTA18044CAA01AS040001	TTA18044CAA01AS040001	Air Conditioning Split System	Elec. Building Roof

AHU-1	Odyssey	TWE18044BAA04AD	TWE18044BAA04AD	Air Conditioning Split System	Elec. Building
AHU-2	Odyssey	TWE18044BAA04AD	TWE18044BAA04AD	Air Conditioning Split System	Elec. Building
ACU-1	Mitsubishi	NTXSST18A112AA	1000093T20U80R	Split System Heat Pump	CONTROL ROOM
ACU-1	Mitsubishi	NTXSST18A112AA	1000093T20U80R	Split System Heat Pump	Control Room
EF-6	Greenheck	G-060-D-1-17-X	17640414 21B	Exhaust Fan	Mezzanine Roof
NESPS-EF-1	Exhaust Fan 1	NA	NA	Wall Exhaust Fan	Stairwell 2
NESPS-EF-2	Exhaust Fan 2	NA	NA	Wall Exhaust Fan	Stairwell 1
NESPS-EF-3	Exhaust Fan 3		NA	Wall Exhaust Fan	Corridor 1
VFD-WWMAU1	EATON	3615RL-05W-B30	NA	NA	Motor Floor - North wall
VFD-WWMAU2	EATON	3615RL-05W-B30	NA	NA	Motor Floor - North wall
VFD-DWSF 1	EATON	3615RL-05W-B30	NA	NA	Motor Floor - West wall
VFD-DWSF 2	EATON	3615RL-05W-B30	NA	NA	Motor Floor - West wall
VFD-DWEF 1	EATON	3615RL-05W-B30	NA	NA	Motor Floor - West wall
VFD-DWEF 2	EATON	3615RL-05W-B30	NA	NA	Motor Floor - West wall
NA	Purafil	1029072	E21-4045 PPU500V-1P12M-12M-4F	NA	

Program Implementation Team

Dunbar has assembled a specialized service team dedicated to insure a smooth integration of this planned maintenance program with your normal business activities. This team will ensure consistency in the delivery of our services, provide for effective lines of communication, and avoid escorting unfamiliar people throughout your facility.

Your Program Implementation Team will be made up of the following professionals:

Moe Afifi - Account Manager

As your Account Manager, Moe will continue to work closely with you along with the rest of the team to ensure that your building delivers optimum performance of your HVAC and building automated controls.

Cell: (419) 349-5729

Email: mafifi@dunbarinc.com

Michele Woelfl – Contract Administrator

As your Billing Coordinator, Michele is responsible for handling all invoicing per the terms and conditions of this agreement.

Phone: (419) 724-9230

Email: mwoelfl@dunbarinc.com

Eric Johnson - Field Operations Manager

As your Operations Manager, Eric is responsible for all field operations, technicians, dispatch and customer care.

Cell: 419-343-5288

Email: ejohnson@dunbarinc.com

Service calls

Brooke Legare- Michigan Dispatcher

419-724-9288

1-800-719-2201, Option 5
servicecalls@dunbarinc.com

Additional Contacts

Alysha Close- Billing

419-724- 9277

aclose@dunbarinc.com

Tony Mira- Director of Service

419-724-9225

tmira@dunbarinc.com

Equipment Tasking Procedure

Dunbar Service Agreement

The Dunbar Service Agreement is designed to provide the customer with a comprehensive service program. The program will be planned, scheduled, managed, and monitored by Dunbar Mechanical.

Preventive Service

Preventive maintenance service intervals for systems and equipment are determined by run time, system use, application, location and manufacturer's recommendations. This information, along with our years of practical experience in construction, engineering and service assures that the customer receives the industry's most cost-effective service programs available.

Typical preventive maintenance service includes, but is not restricted to the following services:

- CLEANING coil surfaces: fan impellers: and blades; electrical contacts; burner orifices; passages and nozzles: pilot and igniter; cooling tower baffles; basin; sump and float.

- ALIGNING belt drives.

- TIGHTENING electrical connections; mounting bolts; pipe clamps; refrigerant piping fittings; damper sections, etc.

- ADJUSTING belt tensions; refrigerant super heat; burner fuel/air ratios; gas pressure; set point of controls and limits; damper close-off; sump floats.

- LUBRICATING motors; fan and damper bearings; valve stems; damper linkages; fan linkages and louvers.

Administration and Reporting

Completed service calls are documented by a detailed Dunbar Mechanical service report to ensure the customer that services have been performed and the appropriate tasks are complete.

Commitment to Excellence

In partnership with our customers, we promise to deliver a quality service program by understanding and meeting the customers' expectations.

A periodic review of Dunbar Mechanical's performance will be held with the customer. Discussions with the customer will include, but not be limited to, quality of work, customer concerns, ways to improve, changes needed, and a request for a report card on our work.

You will always have our commitment to being *"Customer Driven, Fair and Predictably Excellent."*

**The Dunbar Service Agreement
TERMS AND CONDITIONS**

GENERAL

1. Dunbar Mechanical agrees to perform all work in a careful and workman-like manner and to furnish only materials of good quality, equal or comparable to manufacturer's specifications.
2. The customer will provide reasonable access to all areas and equipment and will allow Dunbar Mechanical to stop and start equipment as may be necessary to fulfill the terms of the agreement.
3. All preventive maintenance tasks and non-emergency repair or replacement will be performed during normal working hours, 7:30 AM to 4:00 PM, Monday through Friday.
4. The customer will notify Dunbar Mechanical of any defect in the system promptly when it becomes known to them.
5. If any emergency call is made at the customer's request and no defect is found to be present, Dunbar Mechanical may charge the customer at the preferred customer rate for such services.
6. In addition to any price specified on the face hereof, the customer shall pay and be responsible for the gross amount of any present or future sales, use, excise, value-added, or other similar tax, however designated, applicable to the price, sale or delivery of any products, services or the work furnished hereunder or for their use by Dunbar Mechanical on behalf of the customer whether such tax shall be local, state, or federal in nature. This will include but not be limited to: 1) the recovery, recycling, reclamation, handling and/or disposal of all refrigerants and the additional costs incurred for refrigerant tax and/or increased costs due to shortages or regulations 2) any costs incurred for the testing, clean-up, removal, and disposal of any chemical and/or substance that is considered to be regulated, or hazardous waste, which require special handling and/or disposal.
7. Payment for this maintenance agreement will be made in advance of the period during which the service is provided.
8. Dunbar Mechanical may adjust the price of this agreement and the cost of labor rates annually on the anniversary date to reflect prevailing labor and material costs, unless otherwise noted.
9. If the system(s) or equipment covered is altered, modified, changed or relocated, then this agreement may be adjusted accordingly or terminated.

LIMITATIONS OF LIABILITY AND INDEMNITIES

1. Dunbar Mechanical will not be liable for damage or loss caused by delay in installation or interrupted service due to fire, flood, corrosive substance in the air, strike, lockout, dispute with workmen, inability to obtain material or services, commotion, war, act of God, or any other cause beyond Dunbar Mechanical's reasonable control.
2. In no event, whether as a result of breach of contract, or any tort including negligence or otherwise shall Dunbar Mechanical or its suppliers, employees or agents be liable for any special, consequential, incidental, or penal damage including, but not limited to loss of profit or revenues, loss of use of any products, machinery, equipment, damage to associated equipment, cost of capital, cost of substitute products, facilities, services or replacement power, down time costs, lost profits, or claims of buyer's customers for such damages.
3. No other warranty expressed or other liability is given and no other affirmation of Dunbar Mechanical, by word or action, shall constitute a warranty. This warranty is expressly in lieu of any other expressed or implied warranty including any implied warranty of merchantability of fitness, and any other obligation on the part of Dunbar Mechanical.
4. Dunbar Mechanical warrants materials only to the extent and for the time period said materials are warranted to Dunbar Mechanical by the manufacturer(s) of the same. Dunbar Mechanical's liability, if any, upon any warranty, either expressed or implied, shall be limited to replacement of defective materials and correction of faulty

Agenda Item No. 8

Change Orders



CHANGE ORDER NO. 0004

**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
Balancing Change Order**

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: 3/7/2025

Description:

Item 4-1

BB-6-1: Removal and Disposal of Existing Sludge, Debris and Sediments from Areas within 7 Mile Adit, PCI-18 & PCI-19 Interceptor - Deduct \$(898,278.60) for final balancing payment.

Reason: This item was only partially utilized due to minimal sludge encountered in PCI-18 and in PCI-19 up to Manhole PCI-19-104. However, debris removal between Manhole PCI-19-104 and PCI-19-102 was not performed due to unfavorable flow conditions in PCI-19 caused by gate malfunctioning at VR-15 and VR-16. Therefore, a portion of this SOV will be transferred to Contract 2B.

Item 4-2

BB-8-1 through BB-8-5: Delete the following unused SOV Items for final balancing payment.

BB-8-1: Furnish Precast Riser Sections - \$(32,000.00)

BB-8-2: Remove and Install Manhole Steps - \$(30,000.00)

BB-8-3: Remove Existing Manhole Covers and Risers - \$(23,000.00)

BB-8-4: Install New Manhole Riser Sections - \$(25,000.00)

BB-8-5: Furnish and Install Structure Covers - \$(15,000.00)

Reason: The contractor did not utilize the manholes in PCI-18 for access during cleaning and grouting operations; therefore, no modifications were made to them. As such, 100% of the above noted SOV values were credited back to the project.

Item 4-3

BB-23-1: PC-663 Gate: Allowance for SCADA Integration Ovation and Related Communication Work - Deduct \$(13,400.17) for final balancing payment.

Reason: Due to underutilized quantity in the field, 9% of the SOV value for this item was credited back to the project.

Item 4-4

BB-24-1: PC-663 Gate: Install Coal Tar Epoxy - Deduct \$(1,240.56) for final balancing payment.

BB-24-2: PC-663 Gate: Clean and Prep Structure for Coal Tar Epoxy - Deduct \$(103.38) for final balancing payment.



CHANGE ORDER NO. 0004

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

Reason: Due to underutilized quantity in the field, 3% of the SOV value for these items was credited back to the project.

Item 4-5

BB-26-1: Chemical Grouting for Leak Repairs - Deduct \$(3,732.30) for final balancing payment.

Reason: Due to underutilized quantity in the field, 2% of the SOV value for this item was credited back to the project.

Item 4-6

BB-CO2-3: PC-663 Bulkhead Gate Rigging Equipment - Deduct \$(10,974.82) for final balancing payment.

Reason: This item will be performed under Contract 2B.

Ref. No.	Description Reason	Value Change	Time Change
4-1	BB-6-1: Removal and Disposal of Existing Sludge, Debris and Sediments	-\$898,278.60	0
4-2	BB-8-1: Furnish Precast Riser Sections	-\$32,000.00	0
4-2	BB-8-2: Remove and Install Manhole Steps	-\$30,000.00	0
4-2	BB-8-3: Remove Existing Manhole Covers and Risers	-\$23,000.00	0
4-2	BB-8-4: Install New Manhole Riser Sections	-\$25,000.00	0
4-2	BB-8-5: Furnish and Install Structure Covers	-\$15,000.00	0
4-3	BB-23-1: PC-663 Gate: Allowance for SCADA Integration Ovation and Related Communication Work	-\$13,400.17	0
4-4	BB-24-1: PC-663 Gate: Install Coal Tar Epoxy	-\$1,240.56	0
4-4	BB-24-2: PC-663 Gate: Clean and Prep Structure for Coal Tar Epoxy	-\$103.38	0
4-5	BB-26-1: Chemical Grouting for Leak Repairs	-\$3,732.30	0
4-6	BB-CO2-3: PC-663 Bulkhead Gate Rigging Equipment	-\$10,974.82	0

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: -\$333,944.93



CHANGE ORDER NO. 0004

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

Change Order No.	0004	\$ Value	-\$1,052,729.83
Change Order No.	0004	Days	4
Adjusted Contract Value			\$8,101,975.24
Adjusted Contract Substantial Completion Date			2/9/2025
Adjusted Contract Final Completion Date			3/7/2025



CHANGE ORDER NO. 0004

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

Prepared By:	<u>Abdulnasser Almadhoun</u>	Date:	<u>3-7-2025</u>
	Abdulnasser Almadhoun Sr. Project Engineer, NTH		
Recommended By:	<u>Saju Sachidanandan</u>	Date:	<u>March 7, 2025</u>
	Saju Sachidanandan Sr. Vice President, NTH		
Approved By:	<u>Jen Cook</u>	Date:	<u>3 / 7 / 2025</u>
	Jen Cook Assistant Chief Engineer, WRC		
Approved By:	<u>Stephen Downing</u>	Date:	<u>3/10/2025</u>
	Steve Downing Construction and Maintenance Manager, MCPW		
Approved By:	<u>Joel Brown</u>	Date:	<u>3/14/2025</u>
	Joel Brown Chief Engineer, WRC		
Approved By:	<u>Steven Korth</u>	Date:	<u>March 14, 2025</u>
	Steve Korth, P.E. Chief Manager, WRC		

Except as included in this Change Order, the Agreement remains unchanged. Agreement on this Change Order shall constitute a final settlement of all matters relating to the change in the Work that is the subject of this Change Order, including, but not limited to, all direct and indirect costs associated with such change, and unchanged work, and any and all adjustments to the Contract Sum and the Contract Time. By signing this Change Order, Contractor attests that the change in the amount of the Contract Sum authorized by the Change Order represents compensation in full for all costs, markup, and expenses, direct and indirect, associated with or attributable to the Change Order, including any costs resulting from or caused by delays, impacts, acceleration, disruption or loss of efficiency encountered by Construction Manager in the performance of the Work through the date of the Change Order. In addition, Contractor for itself, its Subcontractors and any other persons or entities acting by, through or under them (collectively, "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:	_____	Date:	_____
	Blake Zapczynski Z Contractors, Inc.		

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

This Change Order No. 0004 was approved by the Drainage Board on:

CHANGE ORDER NO. FORTY-NINE

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.) Electrical Mezzanine Improvements. 2.) Motor room wall and ceiling painting. 3.) Infiltration grouting of dry well elevator pit. 4.) E-builder renewal (6 months). 5.) WCD #135 KGV Sump Pit Access Gate

Address:

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

Change Order No. 49 Date: March 11, 2025

	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>					
49-1	<u>DESCRIPTION (Extra/ Add):</u> Provide labor, equipment, and materials to perform the proposed repairs and rehabilitation to the NESPS area generally described as the existing Electrical Mezzanine and adjacent south and east building entrances. This additional work is described in Work Directive No. 132. <u>REASON:</u> Upon removal (under base Contract) of the existing, original NESPS electrical gear (obsolete and to be discarded) located in the NESPS "Mezzanine area", the vacated floor space provides ample working space for permanent NESPS building operations.	LS	1 Ea.	\$ 86,464.65	\$86,464.65	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<p>Included in the proposed renovations are improvements to the south and east building entrances, new interior and exterior lighting, electrical fixtures, conduit and wiring, door security and gas alarm modifications, and interior partitions for closet areas.</p> <p>In addition, the installation of a new exterior pedestrian entrance in the west wall of the building (Door # 38, as required by Code consistent with the proposed mezzanine renovations) will be constructed and accompanied by exterior lighting and concrete sidewalk additions.</p> <p>Attachment: Walsh Construction PCI No.970252</p> <p><i>This Change Order Item No. 49-1 is a final settlement of all matters relating to this Change Order item for all damages and costs, as more specifically stated on page 6 below, except those damages and costs exclusively related to the delay in the Substantial Completion date of the Project, if any, that results from this Change Order. Walsh reserves the right to make a request for an equitable adjustment to the Contract Time(s) for Substantial Completion and/or Final Completion of the Project and to the Contract Sum, for damages and costs exclusively related to the delay to the Substantial Completion date of the Project, if any, that results from this Change Order.</i></p>					
49-2	<p><u>DESCRIPTION (Change/ Add):</u></p> <p>Furnish labor, material, and equipment to surface clean and paint the interior surfaces of the NESP "Motor Room" Ceiling and Wall areas, including the 25 Ton Overhead crane support girders and access ladder, and the Dry Well Elevator door and interior surfaces.</p> <p><u>REASON:</u></p> <p>The completion of other newly installed Pump Motors, access platforms, and related accessories has emphasized the importance of the building interior appearance in representing a "totally reconstructed facility". This surface renovation will help promote the long-term maintenance and safety philosophy of the station, and provide visible evidence to the public that the financial investment in the station upgrades have been worthwhile.</p>	LS	1 Ea.	\$253,905.75	\$253,905.75	\$0

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<p>In addition to the painting, included in this task is the pressurized air cleaning of the surface areas to be painted, erection of an engineered platform arrangement to access the high bay ceiling, construction of specialized containment protection to cover the pump motors and accessories (while allowing routine pump operation to continue), and cleaning/ re-caulking of sealed joints where required.</p> <p>Attachment: Walsh Construction PCI No.970258</p>					
49-3	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Urethane grout injection of the dry well elevator pit to eliminate water infiltration.</p> <p><u>REASON:</u></p> <p>After primary urethane grout injection of the Motor Floor under CO #48-1 to reduce groundwater infiltration into the facility and facilitate epoxy coating of the floor, the dry well elevator pit was found to exhibit signs of water infiltration. Additional grouting of this area was deemed prudent to minimize impact to elevator-related equipment and to provide for a dry working environment for elevator technicians. The work was completed over the weekend as the elevator had to be taken offline. Doing so during the week would have adversely impacted work crew productivity.</p> <p>Attachment: Walsh Construction PCI No.970260</p>	LS	1 Ea	\$7,495.56	\$7,495.56	\$0
49-4	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>E-builder 6-month renewal to 8/27/2025.</p> <p><u>REASON:</u></p> <p>The annual E-builder software subscription which serves as the project's document management system was up for renewal on February 27, 2025. As some functionality is still needed to close out the project, E-builder was requested to extend the subscription for another 6 months to August 27, 2025. At this juncture, the project's Final Completion is expected to have been met rendering the</p>	LS	1 Ea	\$23,265	\$23,265	\$0

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
49-5	<p>software no longer necessary.</p> <p>Attachment: Walsh Construction PCI No.970254</p> <p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Install a new set of gates to replace the existing railing protecting the dewatering pump and sump pit access as part of WCD#135- KGV Sump Pit Access Gate.</p> <p><u>REASON:</u></p> <p>The protective railing that safeguards access to both the sump pump overhead grating and the ladder to reach the dewatering pumps and knife gates in the galley below the Motor Floor is permanently mounted to the floor. This does not provide functional access to the area for inspections and work. Accordingly, two gates are being installed to replace the railing to both still protect personnel from a potential fall hazard while providing functional access to the area.</p> <p>Attachment: Walsh Construction PCI No.970263</p> <p><i>This Change Order Item No. 49-5 is a final settlement of all matters relating to this Change Order item for all damages and costs, as more specifically stated on page 6 below, except those damages and costs exclusively related to the delay in the Substantial Completion date of the Project, if any, that results from this Change Order. Walsh reserves the right to make a request for an equitable adjustment to the Contract Time(s) for Substantial Completion and/or Final Completion of the Project and to the Contract Sum, for damages and costs exclusively related to the delay to the Substantial Completion date of the Project, if any, that results from this Change Order.</i></p> <p>*****</p> <p>END OF LINE ITEMS FOR CHANGE ORDER NO. 49</p>	LS	1 Ea	\$14,574.47	\$14,574.47	\$0
	NESPS Pump & Elec. Change Order #49				\$385,705.43	-0-
					Amount Increase	Amount Decrease

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
			Change Order # 49 Totals		\$385,705.43	-0-
			Net Changes (Increase)		\$385,705.43	-----

Prepared By: Joel Brown Date: 3/14/2025
Joel Brown, P.E.
Chief Engineer,
Construction Projects Unit,
OCWRC

Recommended By: John Michalski Date: 3/14/2025
John Michalski, P.E.
Engineer of Design, Applied Science, Inc.

Recommended By: Saju Sachidanandan Date: March 14, 2025
Saju Sachi, P.E.
NTH Consultants, Ltf.

Approved By: Stephen Downing Date: 3/14/2025
Stephen Downing
Construction and Maintenance Manager, Macomb County Public Works

Approved by: Steven Korth Date: March 14, 2025
Steve Korth, P.E.
Chief Manager, WRC

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

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

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

Accepted by: C.J. Pokorny Digitally signed by C.J. Pokorny
DN: cn=C.J. Pokorny, email=C.J.Pokorny@walshgroup.com, o=Walsh Construction,
c=US, serial=315-363-6370
Date: 2025.03.14 14:09:58-0400 Date: 3-14-25
Title

of: Walsh Construction Co. II, Inc.

This Change Order No. 49 was approved by the Drainage Board on: Date: _____

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

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-Nine (March 7, 2025)
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 # 48, and including CS-9 C.O. # 1,2,3,4 (Corrected Value from C.O. # 42)	\$ 7,929,655.55
This Change Order # 49	\$ 385,705.43
Adjusted GMP Contract Value, Pump & Electrical Upgrades and CS-9 Projects (Including this C.O. # 49)	\$ 51,248,742.86

Agenda Item No. 9

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-Three ✓

Period: February 01 through February 28, 2025 ✓

Page One of Two

Department No.: 6010101 Account No.: 731472

Fund No.: 84917 Program No.: 149015

OMID Project No.: PRJ1-3309 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. WDCON8765

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: # 49 \$385,705.43

Previous C.O.s: (Numbers 7 through No. 47 and CS-9 # 1 through # 4) \$7,929,655.55

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. # 49) \$51,248,742.87 ✓

Sub-Total To Date \$47,367,249.21

Less Deductions: None \$0

Less Amount Reserved (max. 10% of 50% of total CV, **including CS-9 value**) \$2,562,437.14

Additional Reserve: Schneider Electric Line Items # 103 to # 116 \$394,922.40

Total Amount Allowed To Date: (Work in Place = 92 % complete) \$44,409,889.67

Less Previous Estimates: (Balance to Finish: \$ 3,881,493.66) \$44,073,588.45 ✓

Payment Due \$336,301.22

Accounting Auditor: **H/DG 3/12/25**

Amount to be Reserved (Including Withholding Value) \$2,957,359.54

Less Previous Transfer to Reserve- Adjusted Value (Not Including Schneider Retainage Value) \$2,938,074.27 ✓

Amount of Current Transfer to Reserve \$19,285.27

Regular Construction Estimate No. 53: February 01 through February 28, 2025 • NESPS Pump & Electrical Upgrades

Page 2 of 2

Prepared By: Joel Brown

Date: 3/12/2025

Joel Brown, P.E.; OCWRC

Recommended By: John Michalski

Date: 3/12/2025

John Michalski, P.E.; ASI

Recommended By: Saju Sachi

Date: 3/12/2025

Saju Sachi, P.E.; NTH Consultants Ltd

Recommended By: Stephen Downing

Date: 3/13/2025

Stephen Downing, Macomb County PWO

Regular Construction Estimate No. 53; Feb. 01 through Feb 28, 2025

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. 4 ✓

02/01/2025 to 02/28/2025 ✓

Department No.: 6010101
Fund No.: FND84919
Project No.: PRJ-17705
PO No.: PO00070509
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)		\$659,133.52
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	8.88%	\$659,133.52
Less Amount Reserved: (10% of Gross Estimate)		\$65,913.35
Total Amount Allowed To Date:		\$593,220.17
Less Previous Estimates:		\$374,622.34 ✓
Net Payment Request To Be Paid To Contractor:		\$218,597.83
Reserve Payment to Contractor		\$0.00
Balance to Finish	\$6,759,866.48 ✓	Accounting Auditor: HDG 3/11/25
Less Previous Transfers To Reserve:		\$41,624.70 ✓
Amount of Current Transfer:		\$24,288.65

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

Date: 3/7/2025

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

Date: 3/11/2025

Approved by: Stephen Downing
Steve Downing, MCPWO

Date: 3/11/2025

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

Date: 3/14/2025

Approved by OMIDDD Drain Board on: _____

JIM NASH

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

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

Regular Construction Estimate No. Eighteen (Contr. 2-A Only) ✓

Period: Feb. 1, 2025 through Feb. 28, 2025 ✓

Department No.: 6010101
FND84918
Project No.: PRJ-17408

Account No.: SC 731472
Program No.: PRG 149015
Activity: 1-FAC-ACQ

Contractor:

Z Contractors, Inc.
50500 Design Lane
Shelby Township, MI 48315

Vendor # TBD Contract # 10396
License # 07130 exp. 4-30-25
Final Completion Date: March 03, 2025 (2A)
NTP 6/29/2023
Adjusted- C.O.#0003

Original Construction Contract Amount	(Contract 2-A, Only)	\$	9,488,650.00
Previous Change Orders: No.'s 1-3		\$	(333,944.93) ✓
Change Orders This Estimate: No. 4		\$	(1,052,729.83)
Total Net Change Orders:		\$	(1,386,674.76)
Adjusted Contract Amount: (Contract 2A Only)		\$	8,101,975.24 ✓
Sub-Total To Date		\$	8,101,975.24
Less Deductions: None		\$	-
Gross Estimate, Work in Place	100.00% Complete	\$	8,101,975.24
Less Amount Reserved :		\$	257,735.25
Total Amount Allowed To Date:		\$	7,844,239.99
Less Previous Estimates		\$	8,074,475.24
Reserve Payment to Contractor:	(Corrected to account for over payment)	\$	254,610.13
Net Earned To Be Paid To Contractor:		\$	27,500.00
Net Payment Request To Be Paid To Contractor:		\$	282,110.13
Balance to Finish:	✓ \$ -	Accounting Auditor:	H/DG 3/7/25
Amount to be Reserved from Above		\$	-
Starting Reserve Total		\$	257,735.25 ✓
Amount of Current Transfer to Contractor		\$	257,735.25

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

Date: 3/7/2025

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

Date: March 7, 2025

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

Date: 3 / 7 / 2025

Recommended by: Stephen Downing
Stephen Downing; Macomb County OPWC

Date: 3/10/2025

Regular Pay Estimate No. 18; Feb. 1, 2025 through Feb. 28, 2025

Approved By Board On: _____

Agenda Item No. 10

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:

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March 19, 2025 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (March 11, 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 |
| • Total CCC Spent (including Pay Est. No. 4, through February 25, 2025) | \$65,133.52 |
| • Jacobs Team Project Budget (with EWO#5): | \$2,350,161.86 |
| • Total Jacobs Spent (Invoice No. 22, through February 21, 2025): | \$1,153,045.77 |

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:

- Key submittals for long-lead equipment items are being prepared by CCC for Jacobs to review.
- CCC's monthly Pay Application Nos. 1 through 4 were received, reviewed, and approved by Jacobs.
- A total of ten (10) construction progress meetings have been held.
- The project team is utilizing 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; replica house) in late- February 2025.
- Sterling Heights recently 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.
- Jacobs is evaluating provisions to add odor control "polishing" at the ST-S-3 site, if determined to be desired in the future. No modifications to the replica house are anticipated.
- 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 ongoing odor complaints. This additional effort is ongoing and is covered under two contract amendments (EWO #4 and EWO #5). Jacobs provided a summary of initial findings based on review of the CS-9 data collected by MCPWO. The project team

will be kicking off the additional odor/corrosion monitoring to be conducted by Jacobs 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.
- Minor Pump trips have plagued pump run operations over the last few weeks. Metco and electrical contractors are working on a resolution.
- Current demolition activities have not negatively impacted station operations.
- Station wide interior improvements are moving along (painting walls, coating floors).
- Installation of the new wet well elevator continues with completion scheduled for late April 2025.
- Sanitary Pump #4 variable frequency drive and pump continue to perform well. So far, no unusual conditions to report.
- The north and south bar screens were last inspected in November 2024, with minimal debris observed. During a wet well drawdown on January 16, 2025, an increase in debris was observed, particularly on the south side. Doetsch was called upon to remove and take away debris. A

return visit to service the north side is scheduled for March 13, 2025 (pending at the time of this report).

- New Sanitary Pump #6 has been placed in rotation with existing pumps and is performing adequately.
- New pump auto sequencing workshops begun. The goal is to automatically sequence pumps through Dry/Wet Weather modes of operation based upon elevation and flow in the system.

Overall NESPS Station Performance Report by METCO:

- Mechanical: Sanitary Pumps #1, #3, #4, #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. Sanitary #6 has been installed with inlet suction vanes and is pumping an average of 80cfs (below design but better than other new pumps). Current Total Pumping Capacity equals 400cfs. Contract Capacity is 423cfs with a Firm Capacity of 400cfs.
- Sanitary Pump #2 is out of service as of February 10, 2025. A “re-feed” of electrical service to new electrical gear will take about 10 weeks (scheduled for completion the week of April 7, 2025).
- 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/removed and new pumps have been 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 related 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 ongoing (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 within the larger bulkhead gate. Gate #2 has been isolated until repairs are completed but can be used in an emergency. A plan to access the leak and repair has been approved.
- 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 and Related Repair Status:

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

NIEA Rehabilitation

Contract 1 (PCI-4 Rehabilitation): Complete

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

Amt Invoiced: \$8,101,975.24 out of \$8,101,975.24 (the adjusted Contract value for C-2A) construction, Contract 2A only) has been completed, representing 100% complete.

Schedule Status: Contract 2A: Substantial Completion was projected for mid-January, 2025 and has been extended via Change Order to January 31, 2025 based on requests from GLWA for programming and video screen enhancements as well as GLWA flow control coordination. Final testing by OMIDDD is complete. Additional related system issues and testing by GLWA is ongoing, and has extended the 2A schedule such that adjustments for final completion will be necessary.

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

- Construction of the Seven Mile diversion shaft is complete under Contract 2A.
- The PC 663 main bulkhead gate and hardware, control gates, actuators, controls, and instrumentation are now in place and complete under Contract 2A.
- Contract 2B involves debris removal and lining installation in the vicinity of the VR-15 and VR-16 gates, with field work formally begun March 11, 2025.
- Coordination efforts between Contract 2B and downstream DRI work by GLWA continue. Coordination meetings occur monthly, with future meetings scheduled as necessary.
- A pilot study protocol is in development for monitoring effective factors of corrosion and lining condition.

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

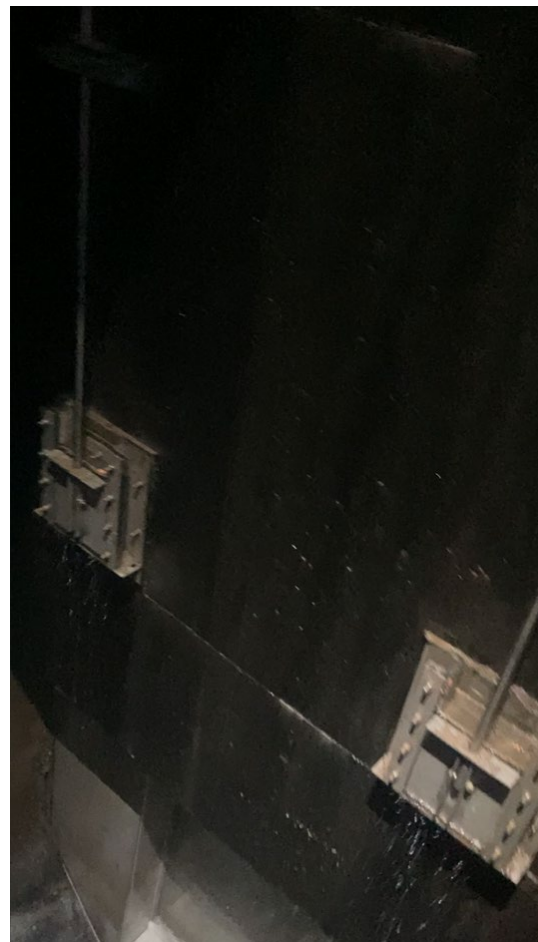
Work Item/ Milestone	Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
Contract Award and NTP			12/16/2020 and 1/04/2021 (Contract 1) 6/20/23 and 7/1/23 (Contract 2)
Subtotal - Design	\$2,400,570		
Completion of Construction	\$3,500,000	\$28,630,000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



PC 663 bulkhead gate in operation



PC 663 bulkhead gate in operation



Knife gates in PC 663 divider wall

NESPS Pump and Electrical Upgrades Project

- Budget Status:** The total construction amount invoiced as of February 28, 2025 is \$ 47,367,249.21 out of \$ 51,248,742.87 budget (adjusted contract value)(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 second quarter, 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 improved but not fully addressed the problem. Preliminary results appear positive and discussion/analysis regarding the potential for retrofitting additional pumps is ongoing.
- Sanitary Pump #6 is in service for the initial evaluation period, with an efficiency report in process. 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. Installation of the new elevator, rail, and accessory equipment is on-schedule, projected for completion by mid-2025.
- The replacement VFD for Sanitary Pump # 4 has been installed and tested and in service.
- 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.
- The new 25-ton overhead crane for the Motor Room is replaced and in service.
- 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)



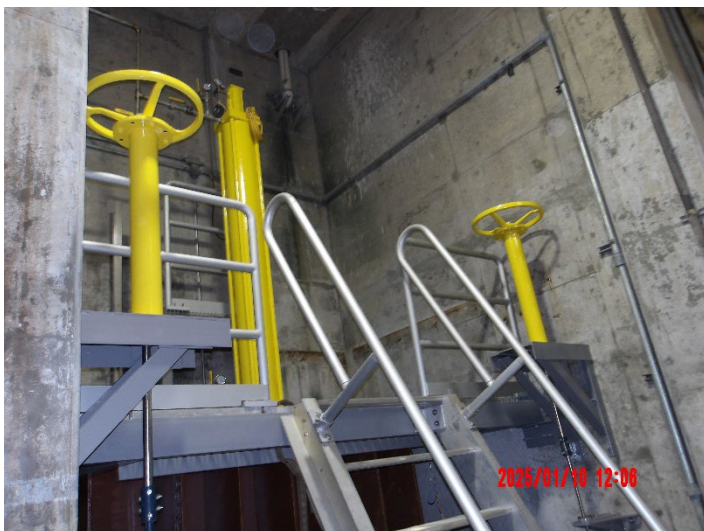
NESPS Refurbishment Project Location



Final protective coating on 6th floor



Contractor painting ceiling on motor floor



Newly painted valves on 84" KGV draining system



Vibration test for Pump #6



Installation of Pump #4 VFD in electrical building



Storage of Pump #2 parts

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

The Contractor has fully lined and grouted the OMIDDD section of PCI-7 to be lined for this project. The PCI-7/PCI-8 connection has been glassed and work has begun on the upstream and downstream tapers. Certain minor completion details are on hold pending available flow control.



Lowering mitered slip-lining segment for PCI-7/8 connection



Mitered slip-lining section in-place at PCI-7/8 connection



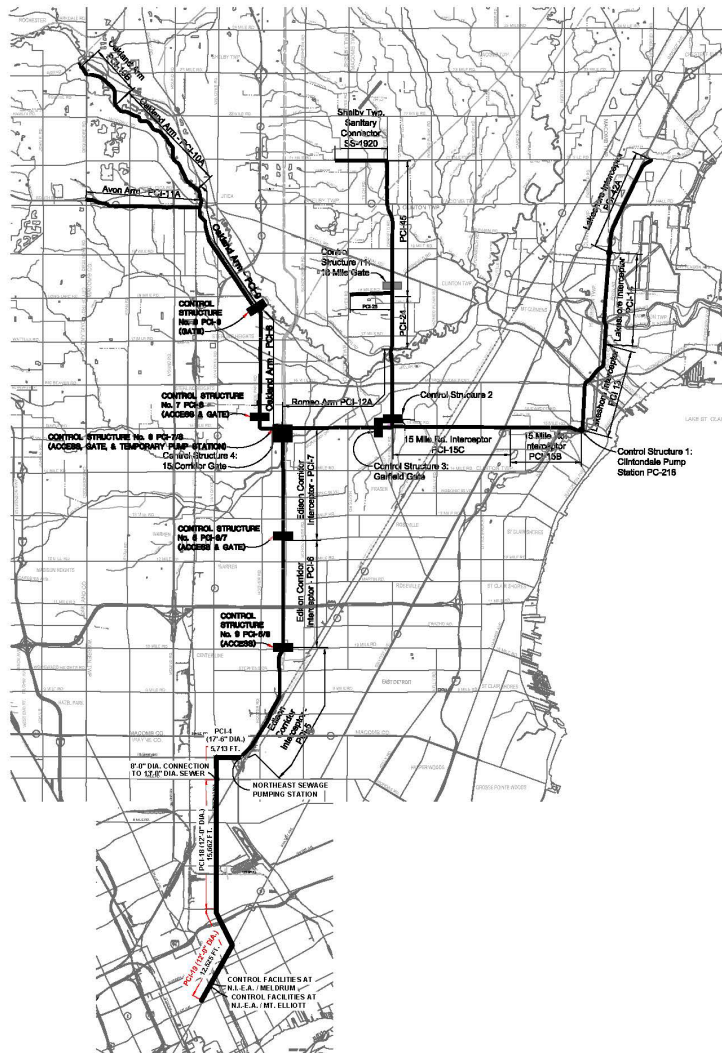
Looking upstream to CS-12 in the lined PCI-7/8 connection

Summary of OMID Design and Construction Status:

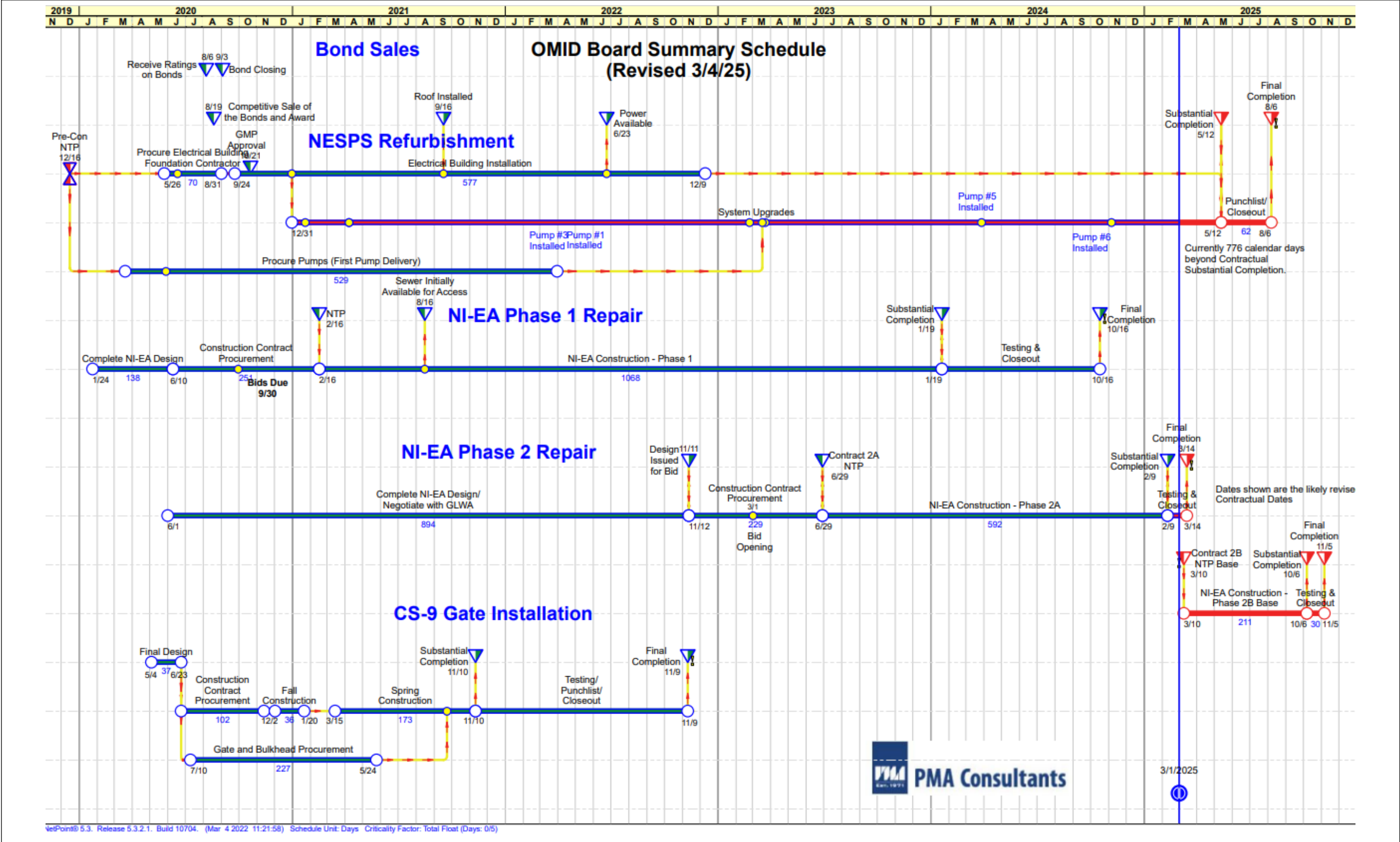
Work In Construction Since 2009							
Seg. No	Contract No. (Description)	Contractor	Const. Comp?	As-Builts Final?	Balancing Change Order?	Contractor Closed Out?	Easements Settled?
1	Contract 1 (CS-9, 5, 3)	Ric-Man	Y	Y	Y	Y	Y
1	Contract 2 (CS-6, 7, 8)	Ric-Man	Y	Y	Y	Y	Y
2	Contract 3-2E (Gatehouse)	IWPC (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												2026												MID/OMID Control Devices Required to Store Flow												Concurrent Work Notes
					M	A	M	J	J	A	S	O	N	D	J	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	PC663 Gate	
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 Spot Repairs and Linings (Contract 2B)	OMID	NTH	Z Contractors																						-	N	N	N	N	N	N	N	N	N	-	Y	PC-663 Gate closure will divert flow to 7 Mile Relief Sewer. Coordination with GLWA and downstream system when flow is diverted to 7 Mile Relief. NESPS should operate normally to pass DWF rates. Requires NESPS Gates 3 and 4 to be Closed			
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. Sanitary Duct and Vent line May-June 25 (STS-3), December 25 (STS-1)			
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 3/1/2025. 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. 11

**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 5, 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	3,152,242.29	3,920,190.14	3,297,420.22	10,369,852.65
143100	PrepaidExpenses			153,560.12	153,560.12
	ASSETS	3,152,242.29	3,920,190.14	3,450,980.34	10,523,412.77
201210	Vouchers Payable AP Cont		0.00	(139,220.65)	(139,220.65)
211100	Due to Primary Government	0.00	0.00	(2,264.87)	(2,264.87)
222300	Unearned Revenues	0.00	0.00	(897,638.74)	(897,638.74)
	LIABILITIES	0.00	0.00	(1,039,124.26)	(1,039,124.26)
605000	Special Assessments Revenue		(831,327.96)	(1,613,754.28)	(2,445,082.24)
655000	Income From Investments	(153,230.05)			(153,230.05)
	REVENUES	(153,230.05)	(831,327.96)	(1,613,754.28)	(2,598,312.29)
730000	Contractual Services		0.00	2,782,113.31	2,782,113.31
770000	Internal Support Expenditures		17,516.18	41,773.14	59,289.32
	EXPENSES	0.00	17,516.18	2,823,886.45	2,841,402.63
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 2/28/2025 \$ 10,369,852.65

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 (456,384.01)

Total Net Cash Balance \$ 9,913,468.64

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

Project	Final Budget	Actuals	Commitments	Obligations YTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	28,395,600.00	6,851.53	-	-	17,516.18	17,516.18	24,286,665.92	4,108,934.08
1 > Administration	584,000.00	455.91	-	-	846.69	846.69	176,596.09	407,403.91
1 > Engineering	478,000.00	6,395.62	-	-	16,669.49	16,669.49	294,622.63	183,377.37
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							3,920,190.14	

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

Project	Final Budget	Actuals	Commitments	Obligations YTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	54,086,000.00	687,845.39	130,123.18	(130,123.18)	2,823,886.45	2,823,886.45	51,165,053.89	2,920,946.11
1 > Administration	620,000.00	-	-	-	1,184.30	1,184.30	50,187.27	569,812.73
1 > Engineering	446,000.00	5,477.06	-	-	23,425.64	23,425.64	363,567.99	82,432.01
1 > Engineering Consultants	3,987,000.00	86,010.15	81,392.68	(81,392.68)	311,225.97	311,225.97	4,634,194.06	(647,194.06)
1 > Facility Acquisition	40,857,000.00	528,844.94	-	-	2,305,201.28	2,305,201.28	43,622,620.98	(2,765,620.98)
1 > Inspection	285,000.00	3,886.08	-	-	17,163.20	17,163.20	454,719.95	(169,719.95)
1 > Legal and Financial	2,417,000.00	63,627.16	48,730.50	(48,730.50)	215,686.06	215,686.06	791,669.75	1,625,330.25
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							2,411,856.08	

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 - Feb

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	36,496.71	-	-	153,230.05	(153,230.05)	3,909,378.86	
RC605572 - Special Assessments Revenue	-	-	-	-	-	894,060.05	
RC655077 - Accrued Interest Adjustments	-	-	-	-	-	86,724.04	
RC655385 - Income from Investments	36,496.71	-	-	153,230.05	(153,230.05)	1,842,507.44	
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						3,152,242.29	

YTD Trial Balance Fund: 84918 NIEA Contract #2 As of Fiscal Period: Month 5, 2025		NIEA Contract #2 Bond Issue PRJ-17384	NIEA Contract #2 Construction PRJ-17408	YTD Balance
100100	Cash - Operating	395,297.40	8,214,737.63	8,610,035.03
	ASSETS	395,297.40	8,214,737.63	8,610,035.03
201210	Vouchers Payable AP Cont		(40,908.36)	(40,908.36)
222300	Unearned Revenues		(4,009,859.03)	(4,009,859.03)
	LIABILITIES	0.00	(4,050,767.39)	(4,050,767.39)
605000	Special Assessments Revenue		(5,359,369.12)	(5,359,369.12)
655000	Income From Investments	(117,000.48)		(117,000.48)
	REVENUES	(117,000.48)	(5,359,369.12)	(5,476,369.60)
730000	Contractual Services		555,319.87	555,319.87
770000	Internal Support Expenditures		301.36	301.36
	EXPENSES	0.00	555,621.23	555,621.23
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 2/28/2025 \$ 8,610,035.03

Invoices/Reimbursements for Bond PRJ-17384 on Current Agenda impacting Cash Balance 0.00

Invoices/Reimbursements for Construction PRJ-17408 on Current Agenda impacting Cash Balance (55,287.43)

Total Net Cash Balance \$ 8,554,747.60

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

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	15,600,000.00	19,188.99	40,908.36	155,417.30	555,621.23	751,946.89	9,435,420.44	6,164,579.56
1 > Engineering	235,465.00	-	-	-	301.36	301.36	1,017.52	234,447.48
1 > Engineering Consultants	2,089,000.00	40,908.36	40,908.36	(40,908.36)	223,152.48	223,152.48	1,359,293.94	729,706.06
1 > Facility Acquisition	12,596,000.00	-	-	196,325.66	353,801.26	550,126.92	7,620,413.84	4,975,586.16
1 > STANDARD	15,796.00	(21,719.37)	-	-	(21,633.87)	(21,633.87)	454,695.14	(438,899.14)
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							4,163,970.24	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-17384 OMIDDD NIEA Contract2 Bond Adm
Budget Structure Project Task
Budget Name
Period FY2025 - Feb

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	28,135.64	-	-	117,000.48	(117,000.48)	519,919.90	
RC655385 - Income from Investments	28,135.64	-	-	117,000.48	(117,000.48)	409,848.16	
RC697551 - Issuance of Bonds	-	-	-	-	-	110,071.74	
Revenue Over/ (Under) Expenses						395,297.40	

YTD Trial Balance FND84919 OMIDDD Odor and Corrosion Control As of Fiscal Period: Month 5, 2025		OMIDDD Odor Corrosion Funding PRJ-17668	OMID Odor/Corrosion System Construct PRJ-17705	YTD Balance
100100	Cash - Operating	11,333,280.97	(1,562,656.55)	9,770,624.42
	ASSETS	11,333,280.97	(1,562,656.55)	9,770,624.42
201210	Vouchers Payable AP Cont		(100,152.28)	(100,152.28)
211100	Due to Primary Government		(18,268.25)	(18,268.25)
222300	Unearned Revenues	(7,906,507.04)		(7,906,507.04)
	LIABILITIES	(7,906,507.04)	(118,420.53)	(8,024,927.57)
697551	Issuance of Bonds	(3,290,339.64)	0.00	(3,290,339.64)
655000	Income From Investments	(100,090.18)		(100,090.18)
	REVENUES	(3,390,429.82)	0.00	(3,390,429.82)
730000	Contractual Services		1,600,498.31	1,600,498.31
770000	Internal Support Expenditures		80,578.77	80,578.77
	EXPENSES	0.00	1,681,077.08	1,681,077.08
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 2/28/2025 \$ 9,770,624.42

Invoices/Reimbursements for Construction PRJ-17705 on Current Agenda impacting Cash Balance (261,154.73)

Total Net Cash Balance \$ 9,509,469.69

OCM Project Work In Progress

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

Project	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	0.00	0.00	0.00	0.00	0.00	0	0
Project Revenues	\$22,955.07	\$0.00	\$0.00	\$3,390,429.82	(3,390,429.82)	3,426,773.93	
RC605572 - Special Assessments Revenue	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	
RC655385 - Income from Investments	\$22,955.07	\$0.00	\$0.00	\$100,090.18	(100,090.18)	136,434.29	
RC697551 - Issuance of Bonds	\$0.00	\$0.00	\$0.00	\$3,290,339.64	(3,290,339.64)	3,290,339.64	
Revenue Over/ (Under) Expenses						<u>3,426,773.93</u>	

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

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	11,400,000.00	248,601.63	39,076.15	7,005,301.51	1,681,077.08	8,725,454.74	1,681,576.04	9,718,423.96
1 > Administration	-	-	-	-	4,242.47	4,242.47	4,242.47	(4,242.47)
1 > Engineering	193,000.00	1,792.63	-	-	56,108.20	56,108.20	56,607.16	136,392.84
1 > Engineering Consultants	2,350,000.00	45,076.13	-	-	1,114,811.28	1,114,811.28	1,114,811.28	1,235,188.72
1 > Facility Acquisition	7,419,000.00	146,047.84	-	7,044,377.66	416,247.04	7,460,624.70	416,247.04	7,002,752.96
1 > Inspection	295,000.00	608.88	-	-	1,156.60	1,156.60	1,156.60	293,843.40
1 > Legal and Financial	310,000.00	55,076.15	39,076.15	(39,076.15)	55,076.15	55,076.15	55,076.15	254,923.85
1 > Right of Way	77,000.00	-	-	-	30,706.09	30,706.09	30,706.09	46,293.91
1 > STANDARD	4,000.00	-	-	-	2,729.25	2,729.25	2,729.25	1,270.75
Project Revenues	-	-	-	-	-	-	498.96	
RC605572 - Special Assessments Revenue	-	-	-	-	-	-	498.96	
Revenue Over/ (Under) Expenses							(1,681,077.08)	

Oakland County - Water Resources Commissioner's Office
Fund Equity: Schedule of Reserves and Dedicated Funds
As of Date: February 28, 2025

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	5,395,347.93	2,515,991.49	8,695,130.81	4,533,615.90		21,140,086.13
84917	OMIDD Seg 5						
	- Project 1-3252 Interceptor Seg 5					3,152,242.29	
	- Project 1-3308 NI - EA Construction					3,920,190.14	
	- Project 1-3309 NESPS Construction					<u>2,411,856.08</u>	<u>9,484,288.51</u>
84918	OMIDDD North Interceptor East Arm – Contract #2						
	- Project: PRJ-17384 OMIDDD NIEA Contract2 Bond Adm					395,297.40	
	- Project: PRJ-17408 OMIDDD NIEA Contract2 Construction					<u>4,163,970.24</u>	<u>4,559,267.64</u>
84919	OMID Odor and Corrosion Control						
	- Project: PRJ-17688 OMIDDD NIEA Odor Corrosion Bond Adm					3,426,773.93	
	- Project: PRJ-17705 OMID Odor/Corrosion System Construction					<u>(1,681,077.08)</u>	<u>1,745,696.85</u>
Total Equity in Maintenance and Construction Funds							<u><u>36,929,339.13</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 3/19/2025

		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 (12/28/2024 - 1/24/2025)	6,696.56	9,071.64	0.00	2,296.45		18,064.65
Oakland County *	WRC Equipment (12/28/2024 - 1/24/2025)	154.97	291.50	0.00	105.06		551.53
Applied Science, Inc	Invoice # 71 (ASI Inv. #9066) Services 12/29/24 to 2/1/25		82,259.04				82,259.04
Clark Hill PLC	Invoice #1537760 Matter 463149 Walsh Construction Svs Through 1/31/2025		5,355.00				5,355.00
Clark Hill PLC	Invoice #1533287 Matter 2025 OMID Drainage District Bonds Through 1/31/2025				18,268.25		18,268.25
Dickinson Wright PLLC	Invoice # 2007187 Matter 012840-00466 MIDDD Agreement Through 1/31/25					220.00	220.00
HESCO (Hamlett)	Invoice # 242777 HD22 Hydraulic Oil					578.75	578.75
Jacobs Consultants, Inc.	Invoice # C6A19900-22R OMIDD Odor & Corrosion Facilities 1/25/25 -02/21/25					38,235.51	38,235.51
Kennedy Industries	Invoice # 644876 - NEPS Pump Field Service 12/30/24					669.50	669.50
Kennedy Industries	Invoice # 645230 - NEPS Pump Field Service 1/30/25					553.50	553.50
Lardner Elevator Company	Invoice # 204324 - Elevator Maintenance February 2025					214.00	214.00
Macomb County	AR245000225 Lunches for Meetings 7/24 - 12/24					1,107.59	1,107.59
METCO Consulting Engineers	Invoice # 1811-74 2/3/2025 Through 3/2/2025					79,852.54	79,852.54
Motor City Electric Technologies	Invoice # 95916 Electrical and Engineering Support 7/25/24					270.00	270.00
Motor City Electric Technologies	Invoice # 96112 Electrical and Engineering Support 10/31/24					210.00	210.00
Motor City Electric Technologies	Invoice # 96275 Electrical and Engineering Support 2/15/25					131.93	131.93
Motor City Electric Technologies	Invoice # 96276 Electrical and Engineering Support 2/12/25					210.00	210.00
NTH Consultants - Reimburse DRF	Invoice # 637515 (D-421, D-462) Maint Engineering Services 09/21/2024 - 10/25/2024		2,264.87				2,264.87
NTH Consultants	Invoice # 638483 (D-458 & D-463) Engineering Services 1/25 - 2/21/25			27,787.43			27,787.43
PM Technologies	Invoice # 105972618 Voltage Regulator Repair Gen #3 2/18/25					2,357.84	2,357.84
PM Technologies	Invoice # 118904131 NESPS Monthly inspection Gen #1 2/28/25					350.00	350.00
PM Technologies	Invoice # 118910608 NESPS Monthly inspection Gen #2 2/28/25					350.00	350.00
PM Technologies	Invoice # 118910701 NESPS Monthly inspection Gen #3 2/28/25					350.00	350.00
PMA Consultants	Invoice # 03559.01 - 56 Professional Services NESPS 1/01 - 1/31/25		10,918.61				10,918.61
Commercial Contracting Corp	Construction Estimate # 4 Odor and Corrosion Systems				242,886.48		242,886.48
Z Contractors	Construction Estimate # 18 FINAL NI-EA contract #2A and 2B - PCI 18 and 19			27,500.00			27,500.00
Walsh Construction	Construction Estimate # 53 PRJ-13309 NESPS Pump & Electircal Upgrades Project		355,586.49				355,586.49
Total Invoices/Reimbursements for Approval		6,851.53	465,747.15	55,287.43	263,556.24	125,661.16	917,103.51
* Less WRC Charges already paid from OMI Fund		(6,851.53)	(9,363.14)	0.00	(2,401.51)		(18,616.18)
Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board		0.00	456,384.01	55,287.43	261,154.73	125,661.16	898,487.33

Agenda Item No. 12

Invoices

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

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



INVOICE

Date	Invoice Number
02/21/2025	AR25000225

Payment Terms	Due Date
Immediate	02/21/2025

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

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

Page 1 of 1

Purchase Order Number	From Date	To Date	Customer ID
	07/01/2024	12/31/2024	C000024
Quantity	Item Description	Price Each	Amount
1	OMID Lunches from Drain Board Meetings - July 2024 through December 2024 (MCPW didnt purchase OMID lunch in October)	1,107.59	1,107.59

Net Amount:	1,107.59
Tax	0.00
Total Invoice Amount	USD 1,107.59

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								1/25/2025	-	2/21/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1287147	1/30/2025	1/16/2025	BROWN, JOEL	3.00	\$437.40	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/17/2025	BROWN, JOEL	1.50	\$218.70	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/21/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/23/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/13/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/14/2025	BROWN, JOEL	3.00	\$437.40	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/15/2025	BROWN, JOEL	3.00	\$437.40	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/27/2025	BROWN, JOEL	3.00	\$437.40	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/28/2025	BROWN, JOEL	0.50	\$72.90	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/29/2025	BROWN, JOEL	0.50	\$72.90	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/30/2025	BROWN, JOEL	3.50	\$510.30	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/3/2025	BROWN, JOEL	1.50	\$218.70	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/4/2025	BROWN, JOEL	2.50	\$364.50	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/5/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/6/2025	BROWN, JOEL	3.50	\$510.30	REGULAR	WRCCON	PRJ-13309		ENGINEERING
			BROWN, JOEL Total		\$4,592.70					
1094845	2/18/2025	2/11/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	2/18/2025	2/13/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	2/18/2025	2/18/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	2/18/2025	2/20/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	2/4/2025	1/28/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	2/4/2025	1/30/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	2/4/2025	2/4/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	2/4/2025	2/6/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
			POUSHO, ROBERT Total		\$3,710.72					
1131289	1/29/2025	1/14/2025	PUSCAS, JACK J	1.00	\$105.42	OVERTIME	WRCADM	PRJ-13309		ENGINEERING
1131289	2/12/2025	1/27/2025	PUSCAS, JACK J	0.50	\$52.71	OVERTIME	WRCADM	PRJ-13309		ENGINEERING
1131289	2/12/2025	2/3/2025	PUSCAS, JACK J	1.00	\$93.86	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	1/29/2025	1/21/2025	PUSCAS, JACK J	1.00	\$93.86	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	2/12/2025	1/27/2025	PUSCAS, JACK J	2.00	\$187.72	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	1/29/2025	1/13/2025	PUSCAS, JACK J	2.50	\$234.65	REGULAR	WRCADM	PRJ-13309		ENGINEERING
			PUSCAS, JACK J Total		\$768.22					
			Grand Total		\$9,071.64					

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								1/25/2025	-	2/21/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1287147	1/30/2025	1/13/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/14/2025	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/15/2025	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/16/2025	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/17/2025	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/21/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/23/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/27/2025	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/28/2025	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/29/2025	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/30/2025	BROWN, JOEL	3.50	\$1.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/3/2025	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/4/2025	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/5/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/6/2025	BROWN, JOEL	3.50	\$1.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/13/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/14/2025	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/15/2025	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/16/2025	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/17/2025	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/21/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/23/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/27/2025	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/28/2025	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/29/2025	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/30/2025	BROWN, JOEL	3.50	\$8.19	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/3/2025	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/4/2025	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/5/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/6/2025	BROWN, JOEL	3.50	\$8.19	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/13/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/14/2025	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/15/2025	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/16/2025	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/17/2025	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/21/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	1/30/2025	1/23/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/27/2025	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/28/2025	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/29/2025	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	2/13/2025	1/30/2025	BROWN, JOEL	3.50	\$0.88	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/3/2025	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/4/2025	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/5/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	2/13/2025	2/6/2025	BROWN, JOEL	3.50	\$0.88	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
			BROWN, JOEL Total		\$94.22					
1094845	2/18/2025	2/11/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	2/18/2025	2/13/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	2/18/2025	2/18/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	2/18/2025	2/20/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	2/4/2025	1/28/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	2/4/2025	2/4/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	2/4/2025	2/6/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	2/4/2025	1/30/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	2/18/2025	2/11/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	2/18/2025	2/13/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	2/18/2025	2/18/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	2/18/2025	2/20/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	2/4/2025	1/28/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	2/4/2025	2/4/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	2/4/2025	2/6/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	2/4/2025	1/30/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
			POUSHO, ROBERT Total		\$175.36					
1131289	2/12/2025	2/3/2025	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	1/29/2025	1/13/2025	PUSCAS, JACK J	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	1/29/2025	1/14/2025	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING

1131289	1/29/2025	1/21/2025	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	2/12/2025	1/27/2025	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	2/12/2025	1/27/2025	PUSCAS, JACK J	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	2/12/2025	2/3/2025	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	1/29/2025	1/13/2025	PUSCAS, JACK J	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	1/29/2025	1/14/2025	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	1/29/2025	1/21/2025	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	2/12/2025	1/27/2025	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	2/12/2025	1/27/2025	PUSCAS, JACK J	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total		\$21.92				
			Grand Total		\$291.50				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -							1/25/2025	-	2/21/2025	
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity	
1208707	2/7/2025	1/6/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/12/2025	1/27/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/12/2025	1/28/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/12/2025	1/29/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/12/2025	1/30/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/12/2025	1/31/2025	COOK, JENNIFER	8.00	\$1,011.28	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/12/2025	2/3/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/12/2025	2/4/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/12/2025	2/5/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	2/12/2025	2/7/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	1/28/2025	1/13/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	1/28/2025	1/14/2025	COOK, JENNIFER	3.00	\$379.23	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	1/28/2025	1/15/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	1/28/2025	1/22/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	1/28/2025	1/23/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
1208707	1/28/2025	1/24/2025	COOK, JENNIFER	6.00	\$758.46	REGULAR	WRCADM	PRJ-13308	ENGINEERING	
			COOK, JENNIFER Total		\$4,803.58					
1094815	1/30/2025	1/13/2025	BROWN, JOEL	2.50	\$364.50	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	1/30/2025	1/14/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	1/30/2025	1/15/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	1/30/2025	1/17/2025	BROWN, JOEL	1.50	\$218.70	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	2/13/2025	1/27/2025	BROWN, JOEL	1.50	\$218.70	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	2/13/2025	2/5/2025	BROWN, JOEL	0.50	\$72.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
1094815	2/13/2025	2/7/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13308	ENGINEERING	
			BROWN, JOEL Total		\$1,458.00					
1300925	2/7/2025	1/31/2025	ROBERTOY, KATY	4.00	\$248.56	REGULAR	WRCCON	PRJ-13308	ADMINISTRATION	
1301175	2/7/2025	2/7/2025	ROBERTOY, KATY	3.00	\$186.42	REGULAR	WRCCON	PRJ-13308	ADMINISTRATION	
			ROBERTOY, KATY Total		\$434.98					
			Grand Total		\$6,696.56					

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								1/25/2025	- 2/21/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	1/30/2025	1/13/2025	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	1/30/2025	1/14/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	1/30/2025	1/15/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	1/30/2025	1/17/2025	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/13/2025	1/27/2025	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/13/2025	2/5/2025	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	2/13/2025	2/7/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	1/30/2025	1/13/2025	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	1/30/2025	1/14/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	1/30/2025	1/15/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	1/30/2025	1/17/2025	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/13/2025	1/27/2025	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/13/2025	2/5/2025	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	2/13/2025	2/7/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	1/30/2025	1/13/2025	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	1/30/2025	1/14/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	1/30/2025	1/15/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	1/30/2025	1/17/2025	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/13/2025	1/27/2025	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/13/2025	2/5/2025	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	2/13/2025	2/7/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		\$29.92				
1208707	2/7/2025	1/6/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	1/28/2025	1/13/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	1/28/2025	1/14/2025	COOK, JENNIFER	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	1/28/2025	1/15/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	1/28/2025	1/22/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	1/28/2025	1/23/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	1/28/2025	1/24/2025	COOK, JENNIFER	6.00	\$2.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/12/2025	1/27/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/12/2025	1/28/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/12/2025	1/29/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/12/2025	1/30/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/12/2025	1/31/2025	COOK, JENNIFER	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/12/2025	2/3/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/12/2025	2/4/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/12/2025	2/5/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/12/2025	2/7/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/7/2025	1/6/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	1/28/2025	1/13/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	1/28/2025	1/14/2025	COOK, JENNIFER	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	1/28/2025	1/15/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	1/28/2025	1/22/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	1/28/2025	1/23/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	1/28/2025	1/24/2025	COOK, JENNIFER	6.00	\$14.04	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/12/2025	1/27/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/12/2025	1/28/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/12/2025	1/29/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/12/2025	1/30/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/12/2025	1/31/2025	COOK, JENNIFER	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/12/2025	2/3/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/12/2025	2/4/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/12/2025	2/5/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/12/2025	2/7/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
			COOK, JENNIFER Total		\$104.12				
1300925	2/7/2025	1/31/2025	ROBERTOY, KATY	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13308	ADMINISTRATION
1301175	2/7/2025	2/7/2025	ROBERTOY, KATY	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308	ADMINISTRATION
1300925	2/7/2025	1/31/2025	ROBERTOY, KATY	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13308	ADMINISTRATION
1301175	2/7/2025	2/7/2025	ROBERTOY, KATY	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308	ADMINISTRATION
1300925	2/7/2025	1/31/2025	ROBERTOY, KATY	4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13308	ADMINISTRATION
1301175	2/7/2025	2/7/2025	ROBERTOY, KATY	3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13308	ADMINISTRATION
			ROBERTOY, KATY Total		\$20.93				
			Grand Total		\$154.97				

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								1/25/2025	-	2/21/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1286152	1/28/2025	1/23/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	1/28/2025	1/13/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	1/28/2025	1/15/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	2/12/2025	1/27/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	2/12/2025	1/29/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	2/12/2025	2/3/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	2/12/2025	2/4/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	2/12/2025	2/5/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	2/12/2025	2/6/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
1286152	2/12/2025	2/7/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-17705		ENGINEERING
			COOK, JENNIFER Total		\$1,390.51					
1285827	2/18/2025	2/18/2025	KOTAJARVI, KYLE A	8.00	\$541.44	REGULAR	WRCCDM	PRJ-17705		INSPECTION
			KOTAJARVI, KYLE A Total		\$541.44					
1286152	2/13/2025	1/28/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-17705		ENGINEERING
1286152	2/13/2025	2/4/2025	BROWN, JOEL	1.50	\$218.70	REGULAR	WRCCON	PRJ-17705		ENGINEERING
			BROWN, JOEL Total		\$364.50					
			Grand Total		\$2,296.45					

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								1/25/2025	- 2/21/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1286152	2/13/2025	1/28/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/13/2025	2/4/2025	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/13/2025	1/28/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	2/13/2025	2/4/2025	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	2/13/2025	1/28/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-17705	ENGINEERING
1286152	2/13/2025	2/4/2025	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-17705	ENGINEERING
			BROWN, JOEL Total		\$7.48				
1286152	1/28/2025	1/13/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/28/2025	1/15/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/28/2025	1/23/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/12/2025	1/27/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/12/2025	1/29/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/12/2025	2/3/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/12/2025	2/4/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/12/2025	2/5/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/12/2025	2/6/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	2/12/2025	2/7/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/28/2025	1/13/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	1/28/2025	1/15/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	1/28/2025	1/23/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	2/12/2025	1/27/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	2/12/2025	1/29/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	2/12/2025	2/3/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	2/12/2025	2/4/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	2/12/2025	2/5/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	2/12/2025	2/6/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	2/12/2025	2/7/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
			COOK, JENNIFER Total		\$30.14				
1285827	2/18/2025	2/18/2025	KOTAJARVI, KYLE A	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	PRJ-17705	INSPECTION
1285827	2/18/2025	2/18/2025	KOTAJARVI, KYLE A	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-17705	INSPECTION
1285827	2/18/2025	2/18/2025	KOTAJARVI, KYLE A	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-17705	INSPECTION
			KOTAJARVI, KYLE A Total		\$67.44				
			Grand Total		\$105.06				



Applied Science, Inc.

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

2/10/2025

Project Invoice #71 (ASI Inv. #9066)

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: 12/29/24-2/1/25

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:	\$ 29,551.00
	Subconsultants:	
	NTH Consultants	\$ 27,350.63
	Metco Services	\$ 18,165.00
	FK Engineering:	\$ 4,682.50
	ASI Markup 5%:	\$ 2,509.91
	Total Due This Invoice:	\$ 82,259.04

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:	\$ 82,259.04
Amount Invoiced to Date Tasks #1-6:	\$ 5,899,763.70
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:	\$ 5,993,779.93
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:	\$ 222,303.67



Oakland-Macomb Interceptor Drain Drainage District
Attn: Megan Koss, Esq.
1 Public Works Drive
Waterford, MI 48328
WRClegalinvoices@oakgov.com

Invoice: 1533287
Date: 02/05/2025
Client: 58434
Matter: 475128

84918-6010101-155020- 730170 - PRJ 17705

Matter Name: 2025 OMIDDD Drainage District Bonds \$16,000,000

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH JANUARY 31, 2025

Total Fees:	\$	16,680.00
Total Expenses:		1,588.25
Total Due This Invoice:	\$	18,268.25



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

Invoice: 1537760
Date: 02/12/2025
Client: 30164
Matter: 463149

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

Matter Name: Construction Dispute - Walsh Construction

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH JANUARY 31, 2025

Total Fees:	\$	5,355.00
Total Due This Invoice:	\$	5,355.00

MK 2/12/25

INVOICE DATE: FEBRUARY 11, 2025
 INVOICE NO.: 2007187

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

ATTN: MEGAN KOSS

CLIENT/MATTER NO.: 012840-00466

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

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

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH JANUARY 31, 2025

		<u>USD</u>
TOTAL FEES CURRENT INVOICE	\$	220.00
TOTAL CURRENT INVOICE	\$	220.00

MK 2/12/25

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



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

Invoice No. 242777

Date: 02/21/2025

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# 1400 Salesperson: John Sullens Due Date: 03/23/2025

Description	Unit	Quantity	Price	Amount
WO# 1400				
Rando HD22 Hydralic Oil	Gallon	25.00	22.35	558.75
Shipping	Each	1.00	20.00	20.00

Notes:

TM-2-21-25

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:	20.00
Taxable Amount:	558.75
Sales Tax:	0.00
Total Invoice	578.75
Retention:	0.00
Payments/Credits:	0.00
Amount Due	578.75

INVOICE



Jacobs Consultants, Inc.

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

Invoice No.: C6A19900-22R
 Invoice Date: 2/28/2025
 Jacobs Project No.: C6A19900
 Services From: 1/25/2025
 Services Through: 2/21/2025

82912-149667-730639-1-17059-ENGCONSULT

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

Project Description: Odor and Corrosion Control Systems within the OMID

Task Number	Task Description	Task Budget	Previously Invoiced	Current Invoice	Project to Date	Remaining Budget
1	Additional Investigation/Modeling	\$226,151.90	\$225,936.71	\$0.00	\$225,936.71	\$215.19
2	Basis of Design	\$122,605.02	\$122,303.64	\$0.00	\$122,303.64	\$301.38
3	ST-S-3 Vapor-Phase Treatment System - Subtask 3.1 - Design	\$276,371.00	\$276,367.83	\$0.00	\$276,367.83	\$3.17
	ST-S-3 Vapor-Phase Treatment System - Subtask 3.2 - Bidding	\$17,154.74	\$17,150.52	\$0.00	\$17,150.52	\$4.22
4	CS-6 Pump Station Vapor-Phase System - Subtask 4.1 - Design	\$191,218.29	\$96,755.18	\$0.00	\$96,755.18	\$94,463.11
	CS-6 Pump Station - Vapor-Phase System Subtask 4.2 - Bidding	\$15,612.91	\$15,604.83	\$0.00	\$15,604.83	\$8.08
5	CS-8 and ST-S-1 Local Odor Control - Subtask 5.1 - Design	\$80,199.91	\$80,194.04	\$0.00	\$80,194.04	\$5.87
	CS-8 and ST-S-1 Local Odor Control - Subtask 5.2 - Bidding	\$12,829.09	\$12,784.70	\$0.00	\$12,784.70	\$44.38
6	Design Emergency Relief Valves for CS-9 High Pressures	\$21,081.00	\$21,071.61	\$0.00	\$21,071.61	\$9.39
7	Construction Ventilation Coordination	\$11,194.00	\$11,117.15	\$0.00	\$11,117.15	\$76.85
8	OMIDDD Progress Meeting Correction	\$32,868.00	\$32,865.66	\$0.00	\$32,865.66	\$2.34
9	Monthly Design Coordination Meetings Correction	\$46,767.00	\$46,735.41	\$0.00	\$46,735.41	\$31.59
10	Construction Administration	\$860,372.00	\$121,321.10	\$31,421.87	\$152,742.97	\$707,629.03
11	Resident Project Engineer	\$170,948.00	\$0.00	\$0.00	\$0.00	\$170,948.00
12	Post-Construction Services	\$144,988.00	\$0.00	\$0.00	\$0.00	\$144,988.00
10a	Reimbursement of Permitting Fees	\$11,943.00	\$11,673.12	\$0.00	\$11,673.12	\$269.88
13	Review Existing Available Information	\$4,425.00	\$4,423.84	\$0.00	\$4,423.84	\$1.16
14	Conduct Site Investigation at CS-9 and Adjacent Neighborhood	\$13,450.00	\$13,449.44	\$0.00	\$13,449.44	\$0.56
15	Collect Additional OMID H2S and Air Pressure Data	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	Determine Approximate Sizing and Prepare Conceptual Layout at CS-9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	Collect Additional OMID CS-5 and CS-9 H2S and Air Pressure Data	\$24,884.00	\$5,055.49	\$6,813.63	\$11,869.12	\$13,014.88
18	Conduct Site Investigation and Collect Additional H2S and Air Pressure Data within the NI-EA Near Meldrum and Mt. Elliott	\$22,857.00	\$0.00	\$0.00	\$0.00	\$22,857.00
19	Confirm NESPS Biotrickling Filter Zone of Influence	\$22,998.00	\$0.00	\$0.00	\$0.00	\$22,998.00
20	Verify Sizing and Prepare Plan Sketch of Active Odor/Corrosion Control System near CS-6 Site	\$19,244.00	\$0.00	\$0.00	\$0.00	\$19,244.00
Total		\$2,350,161.86	\$1,114,810.26	\$38,235.51	\$1,153,045.77	\$1,197,116.09

Previously Invoiced: \$1,114,810.26
 Total Due This Invoice: \$38,235.51
 Total Invoiced To Date: \$1,153,045.77
 Total Budget: \$2,350,161.86
 Remaining Budget: \$1,197,116.09

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

Signed:

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

Please remit payment electronically to:

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



REPAIR-REPLACE
FLOW CONTROL
PROCESS
AUTOMATION



INVOICE		
DATE	NUMBER	PAGE
1/6/2025	644876	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:

DARRIN GREEN

586-214-5877

DBGreen@metcoservices.com

CUSTOMER REF/PO #		JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
W.O. 01373		0126884	GREAT LAKES WATER AUTHORITY, NORTHEAST PUMP STATION, MONTHLY, PREVENTATIVE MAINTENANCE	SAH/PM	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 (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 12/30/24. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$699.50	\$699.50
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TOTAL REFLECTS THE BELOW:

(4) HOURS OF LABOR X \$146.00 = \$584.00

MILEAGE: \$66.00

FUEL SURCHARGE:\$49.50

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

TM-3-3-25

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	SUBTOTAL: \$ 699.50
*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	TAX: \$ 0.00
	TOTAL: \$ 699.50

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

www.KennedyInd.com



PROPOSED: SMART
FLOW CONTROL
PROCESS
AUTOMATION



INVOICE		
DATE	NUMBER	PAGE
2/5/2025	645230	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:

DARRIN GREEN

586-214-5877

DBGreen@metcoservices.com

CUSTOMER REF/PO #		JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
N/A		0127384	GREAT LAKES WATER AUTHORITY, NORTHEAST PUMP STATION, MONTHLY, PREVENTATIVE MAINTENANCE	SAH/PM	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 01/30/25.
PLEASE SEE THE ATTACHED SERVICE REPORT.

\$553.50

\$553.50

TOTAL REFLECTS THE BELOW:

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

MILEAGE: \$66.00

FUEL SURCHARGE:\$49.50

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

TM-3-3-25

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: \$ 553.50

TAX: \$ 0.00

TOTAL: \$ 553.50

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

www.KennedyInd.com

LARDNER ELEVATOR


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

Pay invoices online at www.lardnerelevator.com

W/O 1415

INVOICE


204324

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

Feb 01, 2025	Upon Receipt	Detroit Route	4746
204324		LECO	Maintenance

1.00	Elevator Maintenance Service for February, 2025	No	Each	214.00	\$214.00
Elevator Maintenance Service for February, 2025					
					\$0.00
					\$214.00
					\$214.00
					\$0.00
					\$214.00

TM-3-3-25

Page 1

Rev. 02/16/2024

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



Lardner Elevator Company
729 Meldrum
Detroit, MI 48207

Account # 00-6642-2
Northeast Pump Station
Invoice # 204324
Amount \$ 214.00
Paid \$



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

INVOICE NO. 1811-74

DATE: March 3, 2025

METCO PROJECT NO. 1811

INVOICE PERIOD: 2/3 through 3/2/2025

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)

<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	40.0	\$ 162.00	\$ 6,480.00
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Darrin Green	Staff Engineer	48.0	\$ 102.00	\$ 4,896.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Anthony Vozza	Staff Engineer	38.0	\$ 102.00	\$ 3,876.00
Anthony Vozza	Staff Engineer-(Overtime)	9.0	\$ 153.00	\$ 1,377.00
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -
Subtotal OMID Operatons:				\$ 16,629.00

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

<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	40.0	\$ 162.00	\$ 6,480.00
Terry Moore	Operations Manager (Overti	16.0	\$ 204.75	\$ 3,276.00
Darrin Green	Staff Engineer	40.0	\$ 102.00	\$ 4,080.00
Darrin Green	Staff Engineer-(Overtime)	10.0	\$ 153.00	\$ 1,530.00
Anthony Vozza	Staff Engineer	15.0	\$ 102.00	\$ 1,530.00
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Rosana Santos	Administrative Assoc.	4.0	\$ 77.48	\$ 309.92
Subtotal NEPS Operations				\$ 17,205.92

Subtotal Operations \$ 33,834.92

Maintenance & Asset Management

OMID Maintenance – Fund 82912, Program 149130, 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>
Terry Moore	Operations Manager	40.0	\$ 162.00	\$ 6,480.00
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	31.0	\$ 102.00	\$ 3,162.00
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:				\$ 9,642.00

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	40.0	\$ 162.00	\$ 6,480.00
Terry Moore	Operations Manager (Overti	14.0	\$ 204.75	\$ 2,866.50
Daniel Martel	Sr. Project Coordinator	8.0	\$ 152.25	\$ 1,218.00
Sean Grant	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Travis Ford	Sr. Project Engineer	8.0	\$ 152.25	\$ 1,218.00
Shailesh Patel	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Darrin Green	Staff Engineer	42.0	\$ 102.00	\$ 4,284.00
Darrin Green	Staff Engineer-(Overtime)	9.0	\$ 153.00	\$ 1,377.00
Anthony Vozza	Staff Engineer	46.0	\$ 102.00	\$ 4,692.00
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
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: \$ 23,941.50**Maintenance Services (see attached invoices): \$ 2,042.12****Subtotal NEPS Maintenance: \$ 25,983.62****Subtotal Maintenance: \$ 35,625.62****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	78.0	\$ 102.00	\$ 7,956.00
Brandon Brochue	Designer/Drafter	0.0	\$ 101.00	\$ -

Subtotal Maintenance: \$ 10,392.00**TOTAL AMOUNT DUE THIS INVOICE: \$ 79,852.54**

**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

Wo 1251

INVOICE

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

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
924567	0	001	7/25/2024	9/5/2024	95916

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	T&M SERVICES SCADA	\$270.00		\$270.00	\$270.00		
Totals:		\$270.00		\$270.00	\$270.00		
Less Retained:							
Invoice Total:				\$270.00			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

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

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 7/25/2024

TM-2-17-25

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"

NO 1251

INVOICE

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

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
925567	0	001	10/31/2024	11/19/2024	96112

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	\$210.00	-	\$210.00	\$210.00	-	-
Totals:		\$210.00		\$210.00	\$210.00		
Less Retained:				-			
Invoice Total:				\$210.00			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

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

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 10/31/2024

TM-2-17-25

complete electrical construction

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

**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

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

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
925567	0	001	2/18/2025	2/19/2025	96275

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	\$131.93	-	\$131.93	\$131.93	-	-
Totals:		\$131.93		\$131.93	\$131.93		
Less Retained:				-			
Invoice Total:				\$131.93			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

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

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 2/18/24

TM-2-21-25

complete electrical construction

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

**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

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

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
925567	0	001	2/12/2025	2/19/2025	96276

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	\$210.00	-	\$210.00	\$210.00	-	-
Totals:		\$210.00		\$210.00	\$210.00		
Less Retained:				-			
Invoice Total:				\$210.00			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

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

SEE ATTACHED INVOICE SUMMARY & FIELD REPORT

WORK PERFORMED 2/12/25

TM-2-21-25

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."



NTH Consultants, Ltd.
Infrastructure Engineering
and Environmental Services

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

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

Invoice # : 637515
Project : 61-200280
Invoice Group : CMT
Invoice Date : 11/4/2024

Attention: Joel Brown, P.E.

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

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

Task 01	CMT Services	\$189,674.00
Task 02	Tnemec Coating Observation	-
	Preliminary Budget Amount	\$189,674.00
	Percent Complete:	96.13%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	645.42	\$ 46,585.93
Overhead %	188.00	1,213.39	87,581.53
Total Regular Labor Expense		1,858.81	134,167.46
Total Direct Labor		1,858.81	134,167.46
Profit / Fixed Fee %	12.00	223.06	16,100.10
Direct Expenses Charge		174.29	25,189.95
Expense Multiplier %	5.00	8.71	1,259.49
Direct Subcontractor Charge		0.00	5,302.50
Subcontractor/Subconsultant Multiplier %	6.00	0.00	318.15
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		183.00	32,070.09
Total Costs:		2,264.87	182,337.65
Total Due This Invoice	\$	2,264.87	\$ 182,337.66



NTH Consultants, Ltd.
Infrastructure Engineering
and Environmental Services

**84918-149015-730639-PRJ17408-ENG_CONSULT-
WDDCCON8173**

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

Invoice # : 638483
Project : 23001693
Invoice Group : **
Invoice Date : 3/5/2025

Attention: Jen Cook, P.E.

For Professional Services Rendered from 1/25/2025 - 2/21/2025

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:	72.73%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		4,449.52	\$ 269,373.68
Overhead %	188.00	8,365.10	506,422.50
Total Regular Labor Expense		12,814.62	775,796.19
Total Direct Labor		12,814.62	775,796.19
Profit / Fixed Fee %	12.00	1,537.75	93,095.54
Direct Expenses Charge		37.01	41,363.15
Expense Multiplier %	5.00	1.85	2,068.11
Direct Subcontractor Charge		12,637.92	447,885.21
Subcontractor/Subconsultant Multiplier %	6.00	758.28	26,873.16
Total Other Direct Charges Reimbursables		13,435.06	518,189.63
Total Costs:		27,787.43	1,387,081.37
Total Due This Invoice		\$ 27,787.43	\$ 1,387,081.37



W O 1409

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
105972618

INVOICE DATE
2/18/2025

JOB ADDRESS

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

Completed Date 2/18/2025

Customer PO #

Payment Term NET 30

Due Date 3/20/2025

DESCRIPTION OF WORK

Galco Repair: \$1377.25 ✓
15% Markup: \$206.59 ✓
PMT Labor: \$774.00 ✓
Invoice Total: \$2,357.84 ✓

TM-2-18-25

01-27-25 MATT C

ARRIVED ON SITE AND SPOKE WITH DARRIN

GAINED ACCESS TO GEN, INSTALLED REPAIRED VOLT REG IN SWITCHGEAR, START AND RUN GEN, VOLTAGE ONLY ABLE TO BUILDUP TO 2500VAC, VERIFIED ALL EXTERNAL COMPONENTS PER TROUBLESHOOTING MANUAL WITH NO RESULTS, LIKELY INTERNAL FAILURE OR INCORRECT INTERNAL TAP RESULTING IN WRONG VOLTAGE OUTPUT, REMOVED AND RETURNED TO GALCO FOR FURTHER DIAGNOSES.

02-18-25 MATT C

PICKED REGULATOR UP FROM GALCO ON THE WAY TO SITE.

ARRIVED ON SITE AND SPOKE WITH CONTACT(DARRIN)

GAINED ACCESS TO GEN AND SWITCHGEAR, VERIFIED UNIT IN SAFE CONDITION TO PERFORM WORK.

RE-INSTALLED REPAIRED VOLTAGE REGULATOR IN SWITCHGEAR CUBICLE, STARTED GEN MANUALLY AND ADJUSTED VOLTAGE TO NOMINAL OPERATING VOLTAGE(4160), RAN UNIT FOR A WHILE TO VERIFY ABILITY TO MAINTAIN NOMINAL VOLTAGE, RETURNED UNIT TO AUTO AND INFORMED CUSTOMER GEN IS NOW OPERATIONAL.

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Commerical Labor	Normal Business Hours (M-F 7:30 AM - 4:30 PM)	6.00	\$129.00	\$774.00

MATERIAL	DESCRIPTION	QUANTITY	PRICE	TOTAL
VENDOR SERVICES	Voltage Regulator Repair	1.00	\$1,583.84	\$1,583.84

SUB-TOTAL	\$2,357.84
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TOTAL DUE	\$2,357.84
PAYMENT	\$0.00

BALANCE DUE	\$2,357.84
--------------------	-------------------

Thank you for choosing PM Technologies



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
118904131

INVOICE DATE
2/28/2025

JOB ADDRESS

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

Completed Date 2/28/2025

Customer PO #

Payment Term NET 30

Due Date 3/30/2025

DESCRIPTION OF WORK

WO #01430

02-28-25 MATT C ARRIVED ON SITE AND SPOKE WITH CONTACT(DARRIN), PERFORMED MONTHLY INSPECTION ON GEN, NO ISSUES FOUND AT THIS TIME, UNIT LEFT IN AUTO, CUSTOMER INFORMED SYSTEM IS OPERATIONAL AT THIS TIME

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

TM-3-3-25

Thank you for choosing PM Technologies



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
118910608

INVOICE DATE
2/28/2025

JOB ADDRESS

Northeast Sewage Pumping Station - Generator #2 1825kw
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date 2/28/2025

Customer PO #

Payment Term NET 30

Due Date 3/30/2025

DESCRIPTION OF WORK

WO #01430

02-28-25 MATT C ARRIVED ON SITE AND SPOKE WITH CONTACT (DARRIN), PERFORMED MONTHLY INSPECTION ON GEN, NO ISSUES FOUND AT THIS TIME, UNIT LEFT IN AUTO, CUSTOMER INFORMED SYSTEM IS OPERATIONAL AT THIS TIME

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-3-3-25



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
118910701

INVOICE DATE
2/28/2025

JOB ADDRESS

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

Completed Date 2/28/2025

Customer PO #

Payment Term NET 30

Due Date 3/30/2025

DESCRIPTION OF WORK

WO #01430

02-28-25 MATT C ARRIVED ON SITE AND SPOKE WITH CONTACT(DARRIN), PERFORMED MONTHLY INSPECTION ON GEN, NO ISSUES FOUND AT THIS TIME, UNIT LEFT IN AUTO, CUSTOMER INFORMED SYSTEM IS OPERATIONAL AT THIS TIME

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Monthly Inspections	Monthly Inspection	1.00	\$0.00	\$0.00
	Perform Secondary Inspection on generator and transfer switch(es).			
	Update on-site maintenance log (as applicable)			
	**excludes live transfer test			
Monthly Inspections	Monthly Inspection	1.00	\$350.00	\$350.00

SUB-TOTAL \$350.00

TOTAL DUE \$350.00
PAYMENT \$0.00

BALANCE DUE \$350.00

TM-3-3-25

Thank you for choosing PM Technologies



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

February 13, 2025

Invoice No: 03559.01 - 56

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

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

Professional Services from January 1, 2025 to January 31, 2025

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

Professional Personnel

	Hours	Rate	Amount
Zann, John	33.00	113.85	3,757.05
Totals	33.00		3,757.05
Total Labor			3,757.05

Additional Fees

Overhead	149.10 % of 3,757.05	5,601.76
Profit	10.00 % of 9,358.81	935.88
Total Additional Fees		6,537.64
Total this Sub Task		\$10,294.69

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

Professional Personnel

	Hours	Rate	Amount
Zann, John	2.00	113.85	227.70
Totals	2.00		227.70
Total Labor			227.70

Additional Fees

Overhead	149.10 % of 227.70	339.50
Profit	10.00 % of 567.20	56.72
Total Additional Fees		396.22
Total this Sub Task		\$623.92

Total this Task \$10,918.61

Billing Limits

	Current	Prior	To-Date
Total Billings	10,918.61	810,969.95	821,888.56
Limit			880,000.00
Remaining			58,111.44

Total this Invoice \$10,918.61

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

Agenda Item No. 13

Other Business

Agenda Item No. 14

Adjourn