

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

August 16, 2023 – 11:30 a.m.

Office of the Macomb County Public Works Commissioner
21777 Dunham Road, Clinton Township, Michigan, and Microsoft Teams

1. Call meeting to order

Board Members:

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

2. Motion to approve the meeting agenda for August 16, 2023
3. Motion to approve the Drainage District Board Meeting Minutes from July 19, 2023
4. Public Comment
5. Present Memorandum for Approval of Lardner Elevator Company Service Maintenance Contract for NESPS Elevator Maintenance Services
6. Motion to approve the following Change Orders:
 - a) Walsh Construction Change Order No. 35 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$162,556.55
7. Motion to approve the following Construction Estimates:
 - a) Construction Estimate No. 34 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$553,366.39 with a transfer to the Oakland County Treasurer in the amount of \$1,285.61
 - b) Construction Estimate No. 29 for Marra Services for NI-EA Contract No. One for PCI 4 Rehabilitation in the amount of \$801,008.33
8. Status of OMID Repairs Project
9. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing
10. Motion to approve the following invoices:
 - 1) Labor/Fringes/Non-Direct Labor Factor

• Segment 5 NI-EA Construction	\$ 8,521.01
• Segment 5 NESPS Mech./Elect. Construction	\$ 16,656.10
 - 2) Equipment Charges

• Segment 5 NI-EA Construction	\$ 283.96
• Segment 5 NESPS Mech./Elect. Construction	\$ 665.80

3) Reimbursement			
	• Macomb Invoice No. ARP230187	O&M	\$ 59,542.85
	• City of Detroit Buildings, Safety Engineering and Environmental Department	NI-EA	\$ 350.00
a) ASI			
	1) Invoice No. 50-8421 *Amended	NESPS	\$ 103,791.02
		O&M	\$ 1,361.00
	2) Invoice No. 50a-8422	NESPS	\$ 929.36
	3) Invoice No. 52-8462	NESPS	\$ 83,752.40
		O&M	\$ 64,888.06
	5) Invoice No. 53-8479	NESPS	\$ 81,943.31
		O&M	\$ 29,262.85
b) Clark Hill			
	1) Invoice No. 1333069	O&M	\$ 1,107.00
	2) Invoice No. 1333071	NI-EA	\$ 189.00
c) CSM			
	1) Invoice No. 23-264	O&M	\$ 305.00
	2) Invoice No. 23-290	O&M	\$ 415.00
d) D'Angelo Brothers Invoice No. 8960		O&M	\$ 232,512.29
e) Hesco			
	1) Invoice No. 231598	O&M	\$ 5,201.68
	2) Invoice No. 231599	O&M	\$ 5,105.86
	3) Invoice No. 231600	O&M	\$ 3,869.61
f) Kone			
	1) Invoice No. 1158520815	O&M	\$ 1,147.93
	2) Invoice No. 871037730	O&M	\$ 730.08
g) Metco Invoice No. 1811-55		O&M	\$ 65,210.99
h) Motor City			
	1) Invoice No. 95170	O&M	\$ 270.00
	2) Invoice No. 95204	O&M	\$ 1,125.00
i) NTH Consultants, Ltd			
	1) Engineering Design Services Rehabilitation of NI-EA Sections PCI-4 Invoice No. 633483	NI-EA	\$ 19,428.48
	2) Contract No. 1 PCI-4 Rehabilitation Invoice No. 633484	NI-EA	\$ 153,157.01
	3) NESPS Pumping and Electrical Systems Upgrade Invoice No. 633485	NESPS	\$ 6,498.70
	4) Additional NESPS Maintenance Engineering Services Invoice No. 633486	O&M	\$ 7,121.50
j) PM Technologies Invoice No. 80970509		O&M	\$ 1,050.00
k) PMA Consultants Invoice No. 03559.01-37		NI-EA	\$ 17,481.84

11. Other Business

12. Adjourn

Next Regular Meeting: September 20, 2023, at 11:30 a.m., Eastern Standard Time.

Agenda Item No. 3

Board Meeting Minutes from July 19, 2023

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

July 19, 2023

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held at the Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township Michigan on the 19th day of July at 11:00 a.m. Eastern Standard Time and via Microsoft Teams.

PRESENT:

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

OTHERS PRESENT:

Representing the office of the Macomb County Public Works Commissioner: Stephen Downing and Bruce Manning. Representing the office of the Oakland County Water Resources Commissioner: Steve Korth, Sid Lockhart, Joel Brown, Raphael Chirolla, Jen Cook, and Stephanie Lajdziak. Others in attendance: Fritz Klingler, FK Engineering; Terry Moore, Metco; Shawn Phelps, OC Fiscal Services; Larry Gilbert, NTH Consultants; John Michalski, ASI; Brady Harrington, MDARD.

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 11:43 a.m.

2. Agenda.

Motion by Vaara, supported by Baker, to approve the July 19, 2023, agenda as presented.

ADOPTED: Yeas - 3
Nays - 0

3. Minutes.

Motion by Vaara, supported by Baker, to approve the minutes of the June 21, 2023, meeting.

ADOPTED: Yeas - 3
Nays - 0

4. Public Comment.

None.

5. Great Lakes Water Authority (GLWA) Highland Park Bad Debt Recovery Credits Methodology

Raphael Chirolla provided the Board with an update on the recovery of the City Highland Park's unpaid water and sewer bills. In June of 2023, GLWA approved applying the \$1 million recovered from the City of Highland Park to member communities. At this time, the Drainage District's total portion of credit is \$202,900, with \$134,279 apportioned to MIDD

and \$68,621 apportioned to COSDS. It was recommended that the Board accept the credit and for Macomb and Oakland Counties to agree on the methodology of apportionment as outlined in the document titled “GLWA Highland Park Bad Debt Recovery” (attached).

Motion by Baker, supported by Vaara, to approve the acceptance of the \$202,900 credit from GLWA and accept the methodology of apportionment credit between the districts as recommended.

ADOPTED: Yeas - 3
Nays - 0

6. Change Orders.

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

- a) Walsh Construction Change Order No. 34 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$25,712.22. Motion by Vaara, supported by Downing, to approve the Change Order as presented.

ADOPTED: Yeas - 3
Nays - 0

7. Construction Pay Estimates.

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

- a) Construction Estimate No. 33 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$590,751.65 with a transfer to the Oakland County Treasurer in the amount of \$343.72. Motion by Vaara, supported by Downing, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) Construction Estimate No. 28 for Marra Services for NI-EA Contract No. One for PCI-4 Rehabilitation in the amount of \$229,200.00. Motion by Vaara, supported by Downing, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
Nays - 0

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

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

ADOPTED: Yeas - 3
Nays - 0

9. Financial Reports.

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

ADOPTED: Yeas - 3
Nays - 0

10. Invoices.

The following invoices were submitted to the Board for approval:

1) Labor/Fringes/Non-Direct Labor Factor			
• Segment 5 NI-EA Construction		\$	10,889.65
• Segment 5 NESPS Mech./Elect. Construction		\$	18,015.32
2) Equipment Charges			
• Segment 5 NI-EA Construction		\$	464.07
• Segment 5 NESPS Mech./Elect. Construction		\$	988.73
a) ASI			
1) Invoice No. 51-8438	NESPS	\$	94,685.46
	O&M	\$	14,689.50
2) Invoice No. 51a-8439	O&M	\$	961.13
b) Clark Hill			
Invoice No. 1323246	NI-EA	\$	1,782.00
c) Jacobs			
Invoice No. C6A19900-09	O&M	\$	66,665.76
d) Metco			
Invoice No. 1811-54	O&M	\$	82,069.73
e) NTH Consultants, Ltd			
1) Consulting Services 2021 OMID System Inspection			
Invoice No. 633225	O&M	\$	788.52
2) OMID System Immediate Repairs			
Invoice No. 633226	O&M	\$	484.49
3) Engineering Design Services Rehabilitation of NI-EA Sections PCI-4			
Invoice No. 633227	NI-EA	\$	4,928.20
4) NESPS Pumping and Electrical Systems Upgrade			
Invoice No. 633228	NESPS	\$	423.98
f) PMA Consultants			
Invoice No. 3559.01-36	NI-EA	\$	17,481.84
g) Rotor Electric			
1) Invoice No. 12601	O&M	\$	594.00
2) Invoice No. 12602	O&M	\$	7,233.28
3) Invoice No. 12603	O&M	\$	10,168.00
4) Invoice No. 12612	O&M	\$	2,738.50
5) Invoice No. 12613	O&M	\$	3,662.50
6) Invoice No. 12614	O&M	\$	1,024.63
7) Invoice No. 12615	O&M	\$	5,420.50
8) Invoice No. 12616	O&M	\$	9,208.30
9) Invoice No. 12617	O&M	\$	3,223.00
10) Invoice No. 12618	O&M	\$	4,248.50
11) Invoice No. 12619	O&M	\$	2,548.00
12) Invoice No. 12621	O&M	\$	732.50

13) Invoice No. 12622	O&M	\$	732.50
14) Invoice No. 12623	O&M	\$	732.50
15) Invoice No. 12624	O&M	\$	1,025.50
16) Invoice No. 12625	O&M	\$	732.50

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

ADOPTED: Yeas - 3
Nays - 0

11. Other Business.

Sid Lockhart advised that the OMIDD bond sale will occur in August 2023.

12. Adjourn.

Motion by Vaara, supported by Downing, to adjourn the July 19, 2023, meeting at 12:54 p.m.

ADOPTED: Yeas - 3
Nays - 0

Next Regular Meeting: *Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan* and electronically at 11:30 a.m., Eastern Standard Time on August 16, 2023.

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 July 19, 2023 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 July 2023.



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

Agenda Item No. 4

Public Comment

Agenda Item No. 5

**Lardner Elevator Company
Service Maintenance Contract**



Oakland-Macomb Interceptor Drain Drainage District

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

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

SUBJECT: Approval of Lardner Elevator Company Service Maintenance Contract to Allow for Continued Northeast Sewage Pumping Station (NESPS) Elevator Maintenance Services

DATE: August 16, 2023

On July 20, 2022, the OMIDDD Board approved a one-year contract extension for Kone Inc., which acquired Detroit Elevator Company (who performed the NESPS dry well elevator rehabilitation) to continue elevator maintenance for the (NESPS). This contract expired on August 1, 2023. As part of the NESPS Pumping and Electrical Upgrades Project, Walsh Construction Company II has retained Lardner Elevator Company (Lardner) to perform the rehabilitation of the wet well elevator. Additionally, several key staff from Detroit Elevator Company that worked on the NESPS dry well elevator have been retained by Lardner. Accordingly, to ensure continuing preventive, corrective and emergency maintenance services at the NESPS, particularly during the NESPS Pumping and Electrical Upgrades Project, we believe it is most beneficial to establish a new contract with Lardner Elevator Company.

The attached professional services agreement (PSA) has been written to facilitate this scope of work and cost for a Not-to Exceed amount of \$500,000. Lardner will be responsible for maintaining the dry well elevator and wet well elevator, once operational, in the NESPS.

RECOMMENDED ACTION: Approve the attached contract with Lardner Elevator Company to provide elevator maintenance services at the NESPS and authorize the OMIDDD Board Secretary to sign the contract.

OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT

PROFESSIONAL SERVICES CONTRACT

Effective Date: August 16, 2023
Contract Expiration Date: August 16, 2026

Contract - NOT TO EXCEED AMOUNT \$500,000

A Non-Purchasing Contract

This Contract shall be effective as of August 16, 2023 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 Lardner Elevator Company. (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>LARDNER ELEVATOR CO. 729 Meldrum St. Detroit, MI 48207 (313) 568-1600 (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:

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- 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: Lardner Elevator Company Monthly Examination Agreement dated August 10, 2023
 - 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 Water Resources Commissioner or his 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 Lardner Elevator Company Monthly Examination Agreement dated August 10, 2023.
- 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 debaring 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 1 I 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, unless it is determined that the Drainage District is found to be negligent.
- 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, recisions, waivers, or releases to this Contract must be in writing and agreed to by both Parties. Unless otherwise agreed, the modification, amendment, recision, 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: _____

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:

\$2,000,000 - 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. Owner's Protective Liability- \$1,000,000 each occurrence and \$2,000,000 general aggregate, to protect the OMIDDD, the Engineer, their consultants, agents, employees and such public corporations in whose jurisdiction the Work is located for their contingent liability for Work performed by the Contractor, the Subcontractor(s) or the Sub-Subcontractor(s) under this contract.
 - e. Contractor's Pollution Liability Insurance (CPL)- with \$1,000,000 each occurrence, \$2,000,000 aggregate limits.
 - f. Builder's Risk-Installation Floater- Provide in a form acceptable to the Owner covering property associated with the Work for the full cost of replacement as of the time of any loss which shall include, as named insured(s), (a) the Contractor, (b) all Subcontractors, (c) all Sub-Subcontractors, (d) the Owner, the Engineer(s) or Architect(s), as their respective interests may prove to be at the time of loss, covering insurable property which is the subject of this Contract, whether in place, stored at the job Site, stored elsewhere, or in transit at the risk of the insured(s) (but such insurance may exclude claims arising from the actual or alleged professional liability of the Engineer or architect, as applicable). Coverage shall be effected on an "All Risk" form including, but not limited to, the perils of fire, wind, vandalism, collapse, theft and earthquake, with exclusions normal to the coverage. The Contractor may arrange for such deductibles as it deems to be within its ability to self-assume, but it will be held solely responsible for the amount of such deductible and for any coinsurance penalties. Any insured loss shall be adjusted

with OMIDDD and the Contractor and paid to OMIDDD and Contractor as Trustee for the other insured(s).

- g. Professional Liability/Errors and Omissions - When professional design services are provided, obtain the appropriate coverage in the minimum amount of \$1,000,000 per occurrence/claim and \$2,000,000 aggregate
- h. Provide any other insurance necessary to cover business and/or professional licenses and associated services.
- i. Excess or Umbrella Liability – Provide an umbrella policy having a \$2,000,000 total limit. The Contractor is granted the option of arranging coverage under a single policy for the full limit required or by a combination of underlying policies with the balance provided by an Excess or Umbrella Liability policy equal to the total limit(s) requested. Umbrella or Excess policy wording shall be at least as broad as the primary or underlying policy(ies) and shall apply both to the Contractor's general liability and to its automobile liability insurance.

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), the Great Lakes Water Authority and the City of Detroit 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.

CONTRACT xxxx

EXHIBIT II

SCOPE OF CONTRACTOR'S SERVICES

I. Scope of services

- A. The OMIDDD is responsible for maintaining the dry well elevator in the Northeast Sewage Pumping Station. In addition, the onsite wet well elevator will be rehabilitated under a separate contract and OMIDDD will also be responsible for the maintenance of that equipment when operational.
- B. Consequentially, the Contractor is to provide labor, equipment and material to perform the following tasks related to the NESPS dry well and wet well elevators:
 - a. In-shop and on-site repair, installation, and removal services as necessary for the repair and maintenance of the elevators to maintain an acceptable operating condition.
 - b. Perform routine monthly preventative maintenance as identified in the Lardner Elevator Company Monthly Examination Agreement contained in Exhibit III, including but not necessarily limited to the following:
 - i. Oiling and cleaning machinery, motor and controller
 - ii. Greasing or oiling guides and bearings of the elevator
 - iii. Visual inspection of critical components
 - iv. Minor adjustment of equipment.It is understood by both parties that these frequencies may be increased or decreased based on equipment 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. All Contractor and Subcontractor personnel who will be working at the NESPS shall be subject to a criminal background check and receive identification badges issued by the OMIDDD. Contractor and Subcontractor personnel who are provided badges by OMIDDD are required to obtain, wear and display them at all times while working at the NESPS.

II. Method of Payment:

- A. If agreed to in writing by the OMIDDD and Contractor, payment for quoted work can be made on a lump sum basis.
- B. Unless otherwise agreed to in writing, it is under stood that the method of payment by the Drainage District to the Contractor shall be on a time and material basis not to exceed the rates as indicated in the Lardner Elevator Company Monthly Examination Agreement dated February 7, 2022 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.

CONTRACT xxxx

- 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 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.
- F. 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
- G. Provide back-up for all subcontracted services and purchased materials and supplies
- H. The Contractor will be allowed to invoice for substantiated direct costs of the additional insurance coverages and limits required herein. No markup will be allowed on the invoice.
- I. A 5% markup will be allowed for all Subcontractors and a 15% markup will be allowed on equipment and material.
- J. Payment will be made within 60 days of invoice. Invoices must be submitted at least 14 days in advance of an upcoming OMIDDD Board meeting to be eligible for payment approval at the meeting. OMIDDD reserves the right to withhold retainage in compliance with MCL 125.1563. The provisions of that statute shall govern over any provisions contained herein that are found to conflict with the provisions of the statute. OMIDDD further reserves the right to withhold payment for defective work, non-payment to subcontractors or breach of this Contract.

CONTRACT xxxx

EXHIBIT III

CONTRACTOR'S PROPOSAL

The Lardner Elevator Company

729 Meldrum St. Detroit, Michigan 48207-4323

Phone 313-568-1600 Fax 313-568-0488

www.lardnerelevator.com

MAINTENANCE • MODERNIZATION • SALES • SERVICE

MONTHLY EXAMINATION AGREEMENT

August 10, 2023

To: Oakland Macomb Interceptor Drain
Drainage District
One Public Works Drive; Building 95 West
Waterford, MI 48328
Attn: Mr. Joel Brown

LARDNER ELEVATOR COMPANY proposes to furnish service on: Two (2) Traction Passenger Elevators, City of Detroit Serial No. 8944 & 8943

LOCATED AT: Northeast Pump Station, 11000 E 8 Mile Road, Detroit, MI 48205

NATURE OF SERVICE

This service consists of a monthly visual examination of the elevator and its operation. Lubrication of machinery, motors and controllers as well as greasing or oiling of bearings and guides as needed. Any "minor" mechanical adjustments as appear necessary during the visual examination. Also included is a basic inspection of the overall condition of the elevator and its various components, in compliance with city and/or state regulations. Phone monitoring is also included, 24 hours a day, 7 days a week, at no additional charge.

The following items are not included:

- Proprietary controllers or any related equipment
- Any repairs or replacement of elevator machinery and/or related equipment in the machine room
- Repair or operation of door operators, door circuits, automatic or manual door equipment
- Testing of control circuits or control leveling circuits.
- Testing of governor, elevator safety devices or pressure relief valves or fire service systems
- Repair or replacement of car enclosures, wall or ceiling panels, floor coverings, car lighting systems, fans, car door or hall door panels, phone systems, music systems, emergency power sources
- Repair or replacement of hoist-way enclosures, limit switches, smoke or heat sensors, firemen's service, Hydraulic cylinders, hydraulic systems and piping, breakers or feeders to elevator controller
- Damage, vandalism, misuse, floods, fire, war, police actions or any type of civil disorder, voltage fluctuations, power outages or Acts of God.
- Any equipment deemed obsolete by the original equipment manufacturer or Lardner Elevator Company.
- Lardner Elevator is not responsible for any damages that may occur during any State mandated tests.
- All repairs will be done at an hourly rate.

HOURS OF WORK

Unless otherwise stated herein, all work covered by this Agreement shall be performed during Lardner's regular working hours of Lardner's regular working days, 8:00 A.M. to 4:00 P. M. - Monday through Friday. Overtime is not included in this contract and will be invoiced at the current labor rates.

TERM OF AGREEMENT

This agreement shall be effective for a period of Three (3) years. Either party may terminate this agreement by providing the other party thirty (30) days written notice.

CONTRACT PRICE AND PAYMENT TERMS

For the sum of \$204.00* per Month, payable Monthly
(Two Hundred Four and 00/100 Dollars)

*Once 8943 is functional and out a warranty, an additional TBD month price will be added

Payments not received by Lardner by within **60 days** of the date of invoice shall be subject to a fee of **5%** of the payment due as a **late charge**.

Lardner reserves the right to discontinue this Agreement at any time, should any invoices not be paid within **60 days from date of Invoice**. Lardner's failure to exercise a right of remedy or Lardner's acceptance of a partial or delinquent payment shall not operate as a waiver of Lardner's right to declare an immediate default or subsequent default. Furthermore, in the event that payment is not made as agreed, Owner agrees to be responsible for all reasonable **costs of collection**, including attorney fees, incurred by Lardner.

Signature _____

Date _____

PRICE ADJUSTMENT

Price subject to adjustment based on increases negotiated with the International Union of Elevator Constructors and the percentage of materials increase shown by the U.S. Department of Labor Wholesale Price Index.

LIABILITY, NOTICE AND LIMITATION OF REMEDIES

In consideration of Lardner's performance of the service enumerated at the price stated, nothing in this Agreement shall be construed to mean that Lardner assumes any liability on account of accidents to persons or property, **except** those directly due to the negligent acts or omissions of Lardner or its employees. It is the owner's responsibility for accidents to persons or property while riding on or being in or about the elevators referred to is in no way affected by this Agreement.

In the event of any accident to person or property while riding or being in or about the elevators or in the event of any alleged claim by Owner under this Agreement, Owner agrees to provide **written notice** of such accident or alleged claim within **five days** after the accident occurred or within five days after the facts giving rise to the alleged claim occurred. Thereafter, Owner agrees to make the elevators **available for inspection** during regular business hours by Lardner.

Owner agrees that Lardner shall not be liable for any loss, damage, or injury resulting from a delay in delivery of any parts or for any failure to perform which is due to **circumstances beyond its control**, including but not limited to strikes, lockouts, fire, explosion, theft, malicious mischief, lightning, windstorm, earthquake, floods, storms, riots, civil commotion, or an Act of God.

Lardner and Owner intend that Lardner have **no environmental liability**, contingent or otherwise, **or related responsibilities** for any potential environmental problems which may or may not exist on the premises, unless such problems can be shown to have been proximately caused, which does not include discovery of pre-existing problems, by Lardner.

FOUR GENERATIONS OF SERVICE

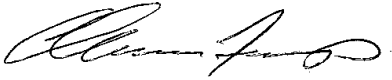
WAIVER OF JURY TRIAL

Lardner and Owner, after consulting or having had the opportunity to consult with counsel, knowingly, voluntarily and intentionally *waive any right either of them may have to a trial by jury in any litigation based upon or arising out of this Agreement*. Neither Lardner nor Owner shall seek to consolidate, by counterclaim or otherwise, any such action in which a jury trial cannot be or has not been waived.

MISCELLANEOUS

No work, service or liability on the part of Lardner other than that specifically mentioned herein, is included or intended in this Agreement. Each provision of this Agreement is severable from every other provision for the determining the legal enforceability of any specific provision. Section headings are for convenience only and shall not affect the interpretation of this Agreement. It is understood and agreed that this Proposal, your Offer and Lardner's acceptance thereof shall constitute, exclusively and entirely, the Agreement for the service herein described. All other prior agreements, whether written or verbal, shall be deemed merged. No other changes or additions to this Agreement shall be recognized unless made in writing and signed by both parties.

LARDNER ELEVATOR COMPANY



BY: _____
Christopher M. Frump, Senior Sales Representative

CUSTOMER ACCEPTANCE

Service to begin: Upon Acceptance

Name _____

Title _____

Signature _____

Date _____

Phone Number _____

Email _____

Current Hourly Labor Service Rate

	<u>Straight</u>	<u>Overtime</u>
Mechanic	\$242.00	\$370.00

*Expenses (Zone, Mileage, Etc.) not included in above rates

Sundays & Holidays are Double Time

Agenda Item No. 6

Change Orders

CHANGE ORDER NO. THIRTY-FIVE

Oakland Macomb Interceptor Drain, Drainage District (OMIDDD)

For Construction of the Pump and Electrical Upgrades Project

Northeast Sewage Pumping Station (NESPS)

Located in the City of Detroit, Wayne County, Michigan

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

Authorization for: 1.) Install Wet Well Stop Log Modifications to control infiltration; 2.) Pump Station Lighting Modifications; 3.) Furnish and Install Additional Building Fire Alarm Devices and Controls; 4.) Provide Trench Drains at east and west Electrical Room Overhead Doors exterior paving; 5.) Furnish and Install Seal Water Backflow Valves on all 6 Main Sewage Pumps

Address:

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

Change Order No. 35 Date: Aug.04, 2023

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
35 -1	<p>LOCATION:</p> <p>The Northeast Sewage Pumping Station; Detroit, Wayne County, Michigan</p> <hr/> <p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Provide modifications to the NESPS fabricated Wet Well Flow Control Gate ("Stop Plate") for the Corridor Interceptor wet well entry.</p> <p><u>REASON:</u></p> <p>Control of interceptor sewage infiltration around the Stop Plate perimeter into the Wet Well during Knife Gate removal and replacement required a more limited rate of infiltration to prevent flooding of the Wet Well Level 6 area. than that required previously by routine Wet Well Cleaning operations. The mechanical sub-Contractor replaced the existing neoprene bottom seals and side seals, and also added</p>	LS	1 ea.	\$13,017.83	\$13,017.83	-0-

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 35

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
35 -1	<p>steel corner tabs and a bottom retaining bar to resist seal deflections for successful overall improved leak sealing performance.</p> <p>Attachment: Walsh Construction PCI No. 970167</p>					
35 -2	<p><u>DESCRIPTION: (Extra/ Add):</u></p> <p>Furnish and install modifications to the facility interior lighting arrangements to upgrade existing system controls and also allow for a temporary lighting panel assembly and operation during replacement of existing aged panels.</p> <p><u>REASON:</u></p> <p>Various lighting circuits in the NESPS facility contained limited service or failed on/off switches that required replacement with new explosion proof devices. In addition, the replacement of existing Lighting Panels necessitated the construction of a temporary replacement panel that allowed transfer of power from the existing panel to the temporary panel and then permanently to the new panels without major loss of power and control to the individual functions served by the panels.</p> <p>Attachment: Walsh Construction PCI 970187</p>	LS	1 ea.	\$27,828.04	\$27,828.04	-0-
35 -3	<p><u>DESCRIPTION (Extra Add):</u></p> <p>Furnish additional Fire Alarm "Smoke Heads, Horn Strobes, and other monitoring devices (AIMS and AOMS) that primarily are City of Detroit Code and/or General Industry Practices.</p> <p><u>REASON:</u></p> <p>This additional work was determined to be necessary in advance of City of Detroit Fire Marshall inspections, and additionally to address enhanced standard Life Safety design practices. This improvement to the overall Fire Alarm System will encompass (and consolidate) both</p>	LS	1 ea.	\$75,929.39	\$75,929.39	-0-

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 35

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
35 -3	<p>the existing facility and also new construction, and includes furnishing the engineering and controls work for the system (as designed by Johnson Controls/ Simplex).</p> <p>Attachments: Walsh Construction PCI 970189</p>					
35 -4	<p><u>DESCRIPTION (EXTRA/ ADD):</u></p> <p>Install full width trench drains in the pavement approach areas to the east and west Overhead Door entrances to the new Electrical Building.</p> <p><u>REASON:</u></p> <p>A combination of prevailing weather conditions from the northwest and heavy surface flows from the adjacent site hardscapes have at times caused water intrusion into the new Electrical Building main floor level. Upgraded bottom seals on the overhead doors have only partly resolved this problem.</p> <p>The proposed trench drain installation will create a full width drainage barrier that intercepts surface runoff in advance of the door openings, and drains to adjacent drainage structures or drain lines to convey flow to the storm sewer system. The drainage covers and frames are also designed to be of robust construction to withstand potentially heavy vehicular loads that will occur in the future.</p> <p>Attachment: Walsh Construction PCI No.970196</p> <p>.</p>	LS	1 ea.	\$24,200.89	\$24,200.89	-0-
35 -5	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Furnish and install new stainless steel piping, fittings, and specialized backflow preventers on the main Sewage Pumps Nos.1 through 6</p> <p><u>REASON:</u></p> <p>Operation of the improved water supply system in the NESPS facility has demonstrated an occasional "pressure spike" in the seal water piping system that provides sealing water to</p>	LS	1 ea.	\$21,580.40	\$21,580.40	-0-

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 35

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
35 -5	<p>each of the main pump shaft seals. This momentary high pressure increase has damaged pressure gauges with readings well beyond their normal maximum range, and has raised concerns about potential future damage to the actual pump seals themselves. The revised piping arrangement will include a specialized 316 stainless steel double check valve assembly that will be common to all 6 Sewage Pumps, with the Pump # 4 assembly (differing seal arrangement) included for system uniformity. The double check valves will also prevent the possibility of a cross connection occurring in the seal water system that could contaminate the station secondary water supply.</p> <p><i>(Note: The PRV may require readjustment following the backflow preventer installation to ensure the correct seal water flow is being delivered for the given pump requirements.)</i></p> <p>Attachment: Walsh Construction PCI No.970197</p> <p>End of Line Items for Change Order No. 35</p> <p align="center">*****</p>	L				
					Amount Increase	Amount Decrease
				Totals	\$162,556.55	-0-
				Net Changes (Increase)	\$162,556.55	

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 35

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

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

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

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

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

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

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

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

Accepted by: _____ Date _____
Title
of: _____ Walsh Construction Co. II, Inc.

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

This Change Order No. 35 was approved by the Drainage Board on: _____ Date: _____

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

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

Contract Status Summary
Change Order No. Thirty-Five
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 # 34, and including CS-9 C.O. # 1,2,3,4	\$ 5,952,115.92
This Change Order # 35	\$ 162,556.55
<i>Adjusted GMP Contract Value, Pump & Electrical Upgrades and CS-9 Projects (Including this C.O. # 35)</i>	\$ 6,114,672.47

Agenda Item No. 7

Construction Estimates

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

Regular Construction Estimate No. Thirty-Four
Page One of Two

July 01, 2023 through July 31, 2023

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

Construction Manager at Risk: Vendor # 23191 LI 43331; exp. 12/16/22

Walsh Construction Co. Date of Contract: Dec. 16, 2019

3031 West Grand Boulevard, Suite 640 (Adjusted Final Completion Date: July 28, 2023

Detroit, MI 48202 Contract No. 5977

Orig. GMP amount for Pump & Elec. Upgrades Project, and including CS-9	\$44,107,745.19
Pre-Construction Payment (Separate Accounting)	(\$1,244,560.00)
NESPS Pump & Elec. Upgrades Original Contract Budget	\$42,863,185.19
Change Orders, This Estimate: C.O. # 34	\$25,712.22
Previous C.O.s: (Numbers 7 through No. 33 and CS-9 # 1 through # 4)	\$5,926,403.70
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	\$48,885,497.81
Sub-Total To Date	\$ 37,610,860.33
Less Deductions: None	\$ -
Gross Estimate: (Work in Place - Amount Complete =77 %)	\$ 37,610,860.33
Less Amount Reserved (max. 10% of 50% of total CV, including CS-9 value)	\$ 2,444,274.89
Total Amount Allowed To Date:	\$35,166,585.44
Less Previous Estimates:	\$34,613,219.05
Payment Due	\$553,366.39
Reserve Pay to Contractor:	\$0.00
Balance to Finish: \$ 11,274,637.47	Accounting Auditor:
Amount to be Reserved	2,444,274.89
Less Previous Transfer to Reserve	2,442,989.28
Amount of Current Transfer	\$1,285.61

Regular Construction Estimate No. 34, July, 2023 - NESPS Pump & Electrical Upgrades

Page Two of Two

Prepared by: Lawrence T. Gilbert

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

Date: 8-4-2023

Recommended by: _____

John Michalski, P.E., ASI

Date: _____

Recommended by: _____

Joel Brown, P.E. Oakland County WRC

Date: _____

Recommended by: _____

Stephen Downing; Macomb County OPWC

Date: _____

Approved for Payment by: _____

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

Date: _____

Regular Construction Estimate No. 34; July, 2023

NESPS Pump & Electrical Upgrades Project

Approved By Board On: _____

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

Regular Construction Estimate No. 29

Period: 7/01/23 through 7/31/23

Department No.: 6010101
Fund No.: 84917
Project No.: 1-00000003308

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

Contractor:
Marra Services, Inc.
700 E. 73 rd. Street
Cleveland, OH 44103

Vendor # 29656 Contract # 6323
LI # 44838 exp. 1/20/23

Date of Contract: January 21, 2021
Final Completion Date: September 9, 2022
Adj. Final Completion: May 12, 2023

Original Construction Contract Amount	\$14,732,510.00
Previous Change Orders: No. One, Two, Three, Four, and Five	\$1,287,656.61
Change Orders This Estimate: None	\$0.00
Total Net Change Orders:	\$1,287,656.61
Adjusted Contract Amount:	\$16,020,166.61
Sub-Total To Date	\$14,127,027.70
Less Deductions: None	\$0.00
Gross Estimate, Work in Place 88.18 % Complete	\$14,127,027.70
Less Amount Reserved (Max. at 10% of 50% of adjusted C.V.)	\$801,008.33
Total Amount Allowed To Date:	\$13,326,019.37
Less Previous Estimates	\$13,278,260.60
Net Payment Request To Be Paid To Contractor:	\$47,758.77
Reserve Payment to Contractor:	\$0.00
Balance to Finish: \$ 1,893,138.91	Accounting Auditor:
Amount to be Reserved from Above	\$801,008.33
Less Previous Transfers To Reserve:	\$801,008.33
Amount of Current Transfer	\$0.00

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

Date: _____

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

Date: _____

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

Date: _____

Recommended by: _____
Stephen Downing; Macomb County OPWC

Date: _____

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

Date: _____

Regular Pay Estimate No 29, July 2023

Approved By Board On: _____

Agenda Item No. 8

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

Oakland Macomb Interceptor Drain (OMID) Repairs

Project Progress Update

Prepared by:

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

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

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

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

August 16, 2023 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (August 9, 2023) 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 and Corrosion Control Design

- Project Budget: \$963,223.90
- Total Spent (approximate; through June 2023): \$775,000.00
- Effort is currently on time in accordance with Jacobs' latest design schedule.

Status of Major Project Tasks:

- Jacobs is preparing the 60% Design package (plans, specifications, and updated Basis of Design Report) were submitted August 2023. The 60% Design review meeting is scheduled for August 18, 2023.
- The design of the 15 Mile Road/ITC Corridor (CS-6) odor/corrosion control system is currently on hold until the terms for grant funding of the adjacent Sterling Heights parcel that is currently being considered (Baumgartner Park, east of the ITC Corridor) are clarified with the National Park Service (grant originator).

SRF Segment 2 Status:

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

SRF Segment 3 Status:

Contract 4: Complete

SRF Segment 4 Status:

Contract 5A/5B: Complete

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

Contract 6: Complete

Contract 7 (NIEA 110 feet of Emergency Rehab): Complete

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

Complete

NESPS & OMID Maintenance, Operations & Upgrades Status:

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

- Mersino Dewatering is under contract for standby emergency bypass pumping.
- The OMIDDD Project Team has finalized design for keeping the 15 Mile Road bypass pumping arrangement (initially constructed in summer 2021) intact and buried below grade, pending final agreement with ITC and other easement owners. Currently under review by ITC, Sterling Heights, and coordinating with other easement holders. Final design package to be used to solicit bids from several OCWRC and MCPWS Blanket Contract Holders. Field work will follow use of the area for storage of pipe for the MIDDD Segment 5 project.
- Remaining items in the final emergency plan include punch-list and optimization steps for electrification, modifications at the 15 Mile Road Site, and overall optimization of the Emergency Plan per above. The final plan document will be revised after final installation of the emergency pumping conveyance conduit.

Additional work being performed under Metco Maintenance Contract for NESPS:

- Mechanical and Electrical corrective/preventative maintenance schedules continue.
- Coordination between OMIDDD, GLWA, MIDDD, NESPS, and Pump/Electrical Upgrade Project is ongoing and has not impacted station operations or ability to meet demand.
- The wet well elevator remains disabled, with re-construction plans in progress. Final completion is projected for 2024.
- Quarterly wet well sediment inspection and bar screen cleaning scheduled for August 16, 2023.
- 25-Ton crane back in service, with repair report on file. Four-ton crane on standby.
- NESPS Pump Start-up & Training completed with GLWA/METCO in attendance. Run test mode for Sanitary Pumps 1 and 3 continues. No operational impact to note.
- A series of Site Acceptance (SAT), Run, and Vibration Testing began the week of July 10, 2023. Close coordination with current daily operations is ongoing.
- Watermain upgrade project underway. NESPS on temporary service water supply without any interruptions to daily operations. Project is nearly complete.

Overall NESPS Station Performance Report by METCO:

- Mechanical: No changes from previous report. Sanitary Pumps #2 #4, #5, and #6 ready for duty. Total pump capacity equals 500-cfs. Contract capacity is 423-cfs. The wet well dewatering pump is also ready for duty. New Knife Gate Valve #5 was scheduled for installation the week of July 10, 2023 but this effort was canceled due to wet weather. Installation of new KGV #5 is now scheduled for August 16 through 18, 2023. A pre-Task meeting on installation specifics was held July 24, 2023. No operational impact expected.
- Sanitary Pump #1 and #3 remains in run test mode.
- Sanitary #2 and Sanitary #4 continue to share primary duty. Pumps #5 and Pump #6 share backup roles. This strategy continues to meet dry and wet weather demands.
- NESPS/GLWA LOTO (Lock-Out Tag-Out) final forms are complete. All personnel are required to fill out forms before any sewer entry. There have been no issues with LOTO procedures during this reporting period.
- The primary switchgear in the existing station is double ended with two (2) sources of utility power being Transformer #3 and Transformer #4. Generator back-up is available if needed to power pumps P4, P5, and P6 and the existing unit substation.
- Dry well submersible sump pumps #1 and #2 are in service and ready for duty.
- Specific data logging software continues to monitor Sanitary Pump #2 VFD drive PLC. This software was instrumental in detecting the VFD faults experienced November 14, 2022, which disabled the pump.
- Rotor integrated the existing Eaton Power Expert (Quality Power Monitoring Meter) located on the VFD Sanitary Pump #4 switchgear into the OMID SCADA system. Occasional faults, voltage sags, and spikes were reported and are being investigated. Incoming power data is collected daily with the data kept on file. No spikes reported this period.
- CMMS: NEXGEN asset management in use. Monthly status meetings are being held with OMID. Contractors are fulfilling their requirements with no outstanding issues to report.
- HVAC: Gas detection in use. Rounds are conducted daily. Unit air filters restocked and changed as required.
- Bio Filter performance good. No odor issues or complaints this period.
- Overall General Housekeeping tasks remain in order. Minor maintenance activities have all been addressed in a timely manner.

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

- Daily flow control operations continue to support MID/OMID/NIEA repair and improvement projects. (Weather permitting)
- Semi-Annual Preventative Maintenance completed.
- All LOTO protocols are in place.
- A plan has been developed between Walsh and Sunsource/MCET to address the replacement and repair to both Level Sensor and Gate Drift at CS-9. Both issues are under warranty. ASI and MCET are also looking into providing protective measures to counter false/erroneous signals in the future.
- Sunsource continues to provide equipment and direction to address warranty related issues at CS-9. Latest repairs were not fully successful in stopping gate drift, repair efforts are ongoing. Specifically, CS-9 experienced excessive hydraulic pump cycling which caused motor overload

and pump failure to both hydraulic units #1 and #2. Both pumps have been replaced with new equipment, although this has not solved the problem. Evaluations continue.

- System-wide communications are good.
- CS-6 gate is in stand-by mode ,ready for service.
- CS-8 in stand-by mode ready for service.
- CS-5 in stand-by mode ready for service.
- CS-9 in stand-by mode ready for service. Warranty-related issues are being addressed through Walsh. (See above)
- Routine daily rounds and inspections made with no major maintenance issues to report.

Other System Operation Issues

- O&M Manual is currently being revised to include new structures, recently modified structures, new monitoring equipment, and recent inspection and repair status.
- EGLE has informally agreed to consent to use of all flow control structures for long term flow control. Request for formal consent is promised but not yet received.

OMID Control Structure Upgrades Status:

- ASI is now contracted for design of major upgrades to control structures that considers long-term operability.
- Initial inspections and planning complete.
- Basis of Design complete and under review.
- Design projected to be complete in Spring 2023.

OMID System 3-Year Inspection and Spot Repairs Status: Complete

OMID System 6-Year Inspection Status:

- Tunnel reach inspections (95 total) were completed on February 25, 2023. Remaining manhole inspections were completed April 26, 2023. Data is being collated and report is in process.

NIEA Repairs (Design/Construction)

Contract 1 (PCI-4 Rehabilitation): In Construction

Amt Invoiced: Construction cost to date is \$14,127,027.70, representing 88.18% of the adjusted Contract value.

Schedule Status: The adjusted Substantial Completion date is April 12, 2023. The Contractor is operating approximately 159 days behind the adjusted schedule, and current issues are expected to further delay completion. The Contractor has been formally advised that starting April 13, 2023, an accounting of Liquidated Damages is included with each payment application until substantial completion is achieved. This value will show as a debit against the retention account; however, funds will not be withheld until a final reconciliation of the schedule is completed.

Contract 1 (PCI-4 Rehabilitation) Construction Status:

- Approximately 1,334.5 linear feet of Channeline lining has been installed and grouted out of a contract total of 1,340 feet (one section was damaged and changed to RockHard), including Change Order #1.
- Installation and grouting of the Quakewrap liner (approximately 180 feet) is complete.

- Installation of the RockHard SCP liner was attempted; however, erection complications have delayed the start of production work. To improve installation and long-term performance, the Rockhard SCP manufacturer has provided a redesigned joint detail which includes external steel reinforcement bands and temporary internal bands at each joint. One section has been successfully installed. A second section could not be properly homed, and modifications are being made to address the issue.
- Concrete interior lining of the interceptor manholes is complete.
- Concrete reinforcing steel has arrived on site for the proposed access shaft wall.
- Geotechnical monitoring of construction activities at the access shaft location indicates continuing stable conditions.



Spray-lining manhole MH-PCI-4-105



Application of mastic to RockHard joint



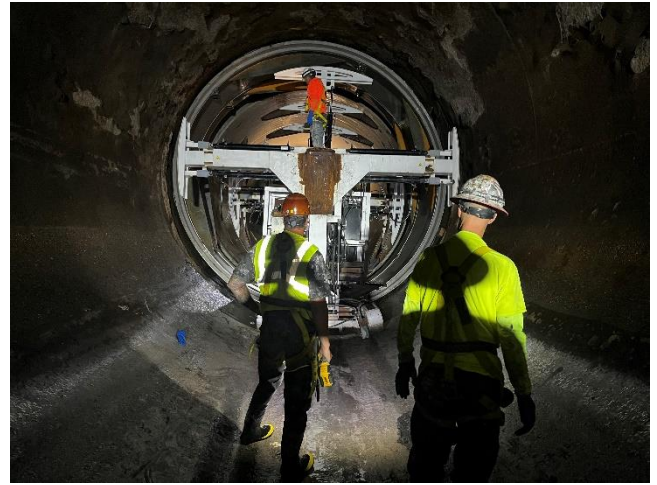
Installation of RockHard internal bracing



Welding RockHard pipe bracing



Lowering RockHard pipe section #1 for install



Installation of RockHard Pipe 1

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

Amt Invoiced: \$2,402,290 out of currently projected study/design budget of \$2,400,570 (design).
\$0.00 out of \$12,596,800 (construction)

Schedule Status: Contract 2: Bid award complete and NTP issued.

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

- Z Contractors, Inc. is the awarded contractor.
- Notice to Proceed letter has been issued to the Contractor. Currently working on preparing the “Construction Set” set of documents. Pre-con meeting was held July 17, 2023. Physical work will commence following the execution of a “Right of Entry” agreement with the City of Detroit, allowing the use of a laydown area at East Brentwood Street and Van Dyke.
- OMIDDD-GLWA Cost Sharing Agreement has been executed. OMIDDD received a copy of the executed agreement from GLWA.
- 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
Lining Study Final Report	\$126,744		10/30/2019
90%, 100% Design Package			3/20/2020 and 4/28/2020 (Contract 1) 4/16/2021 and 10/1/22 (Contract 2)
Issued for Bid			6/10/2020 (Contract 1) 11/4/22 (Contract 2)
Bid Opening			9/30/2020 (Contract 1) 3/1/23(Contract 2)
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		
Substantial Completion of Construction	\$3,500,000	\$28,630,000	Contract 1, projected SC at 8/17; FC 9/12 Contract 2A& B, est. 10/28/24 and 6/25/25.

NESPS Pump and Electrical Upgrades Project

- Budget Status:** \$1,280,139 billed out of current Design Budget of \$1,382,430; \$968,018 out of the current CCA Budget of \$2,443,262. The total construction amount invoiced as of May 31, 2023, is \$37,610,860.33 out of \$48,885,497.81 (including the now completed and operational Control Structure 9 Bulkhead Gate facility and adjusted for stored material inclusion in major work activities), representing 77% of the Pump & Electrical Upgrades Project.
- Schedule Status:** Work is currently delayed by issues related to start-up testing at Pump #1 and #3. Contractor is working on an enhanced schedule to make up time but there is currently an estimated delay of 14.9 months. Repair of failed electrical equipment is underway. Rehabilitation of Knife Gate valve # 5 is underway.

The following Design Team and Construction Services Effort is active:

- Construction Phase services (RFIs, Submittals) are ongoing, and the engineering team is reviewing and responding.
- The new Sewage Pump #1 and #3 and Motor have been installed, with in-place testing in progress.
- The concrete encased underground conduit for the new Fiber Optics communication line is complete from the NESPS to the GLWA Chemical Building termination. Work on the cable installation and tie-ins is complete and the line is operational.
- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.
- Installation of small diameter conduit runs, lighting improvements, and wiring in the existing NESPS building is approaching substantial completion.
- Steel discharge piping for Pump 6 has been shipped to the site. All of the discharge piping is now inventoried at the jobsite.
- The August 23, 2022 Arc-Flash incident remains under investigation. The Construction Manager has filed a claim on the OCIP Builder's Risk insurance coverage for this event.
- Schedule adjustments are currently under discussion. The Contractor has revised the sequence of rehabilitation for the existing Pump Knife Gate Valves: KG#1 and #2 have been re-installed after rehabilitation. KG #5 is available onsite for reinstallation pending flow control.
- Work on the alternate discharge piping installation for the Dewatering Pump is complete.

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

Work Item/ Milestone	Design/CCA Budget	Const Budget	Estimated Delivery Date
2 Final Basis of Design			5/31/2019
7 MDEQ Submittal (Part 41 Permit)			4/8/2020 (initial pkg)
8 90% Design Submittal			6/30/20
9 Final Package Development			8/14/2020
Subtotal	\$3,826,000	\$44,100,000	
10 Substantial Completion	\$2,500,000 (est.)	\$44,100,000 (est.)	6/1/2024 (late)
11 Final Completion			8/23/2024 (late)



**NESPS Refurbishment
Project Location**



Installation of storm structures



Removal of existing concrete



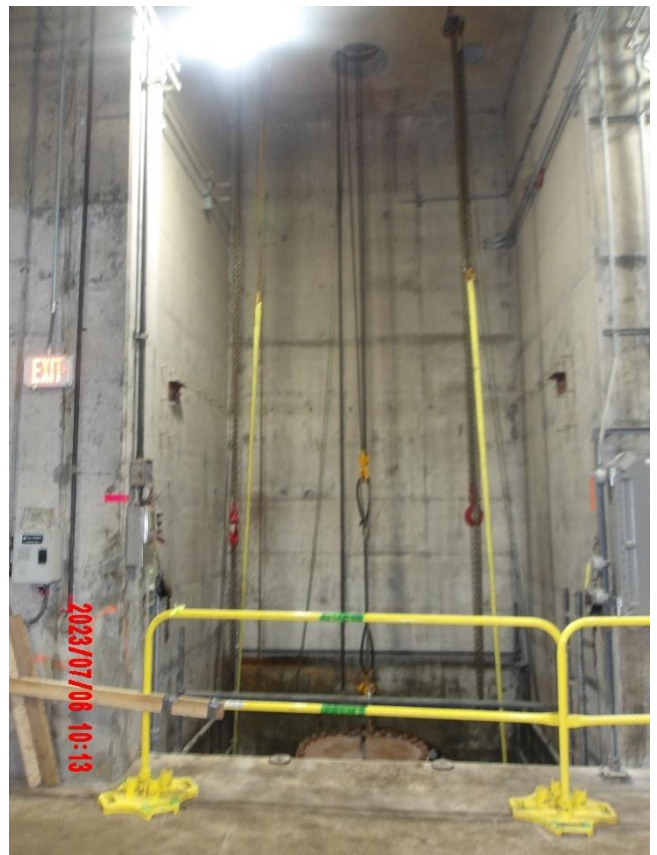
Excavating to subgrade for new concrete pavement



Silt fence installation



Relocation of fire hydrant



Rigging in place for KGV5 installation

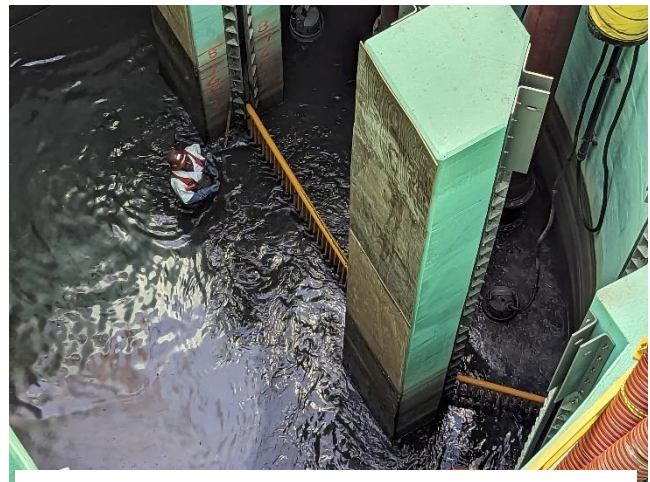
CS-9 Gate Installation - Complete

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

The new CS-12 pumps and system (necessary to line the OMIDDD portion of sewer between CS-12 and CS-4) has been operational for approximately one month. Debris removal has begun upstream of CS-12, with larger debris removal equipment to be deployed in August, 2023. Approximately 200 sections of Hobas pipe have been delivered to the site. The pipe upstream of CS-12 will be lined first, followed by the OMIDDD section



CS-12 gate



CS-12 system testing



Debris removed



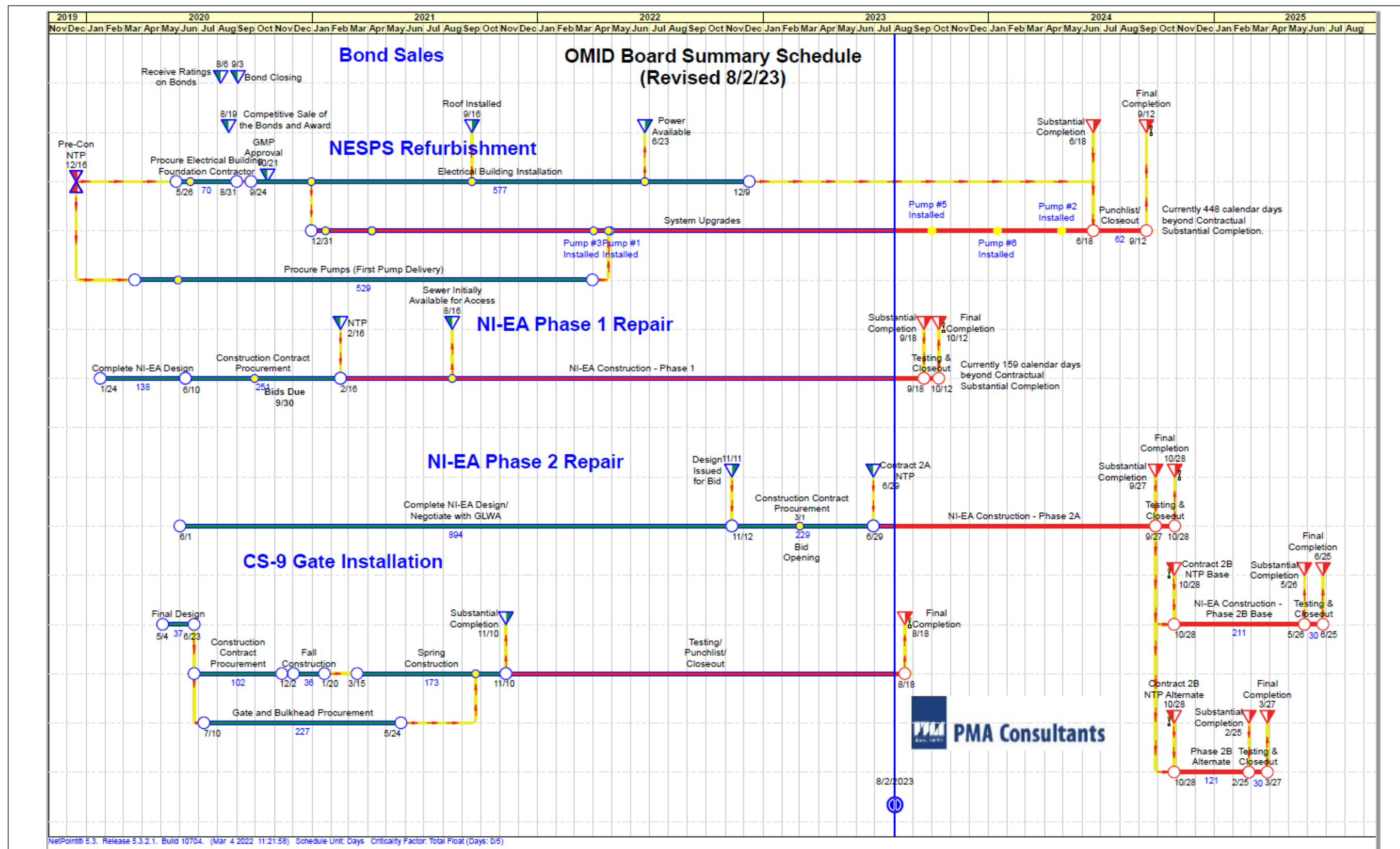
Delivery of Hobas pipe sections

Summary of OMID Design and Construction Status:

Work In Construction Since 2009							
Seg. No	Contract No. (Description)	Contractor	Const. Comp?	As-Builts Final?	Balancing Change Order?	Contractor Closed Out?	Easements Settled?
1	Contract 1 (CS-9, 5, 3)	Ric-Man	Y	Y	Y	Y	Y
1	Contract 2 (CS-6, 7, 8)	Ric-Man	Y	Y	Y	Y	Y
2	Contract 3-2E (Gatehouse)	IWPC (Weiss)	Y	Y	Y	Y	N/A
2	Contract 3 (Grouting PCI-5 thru 8)	IWPC	Y	Y	Y	Y	Y
3	Contract 4 (Lining PCI-5 thru 8)	Jay Dee Cont.	Y	Y	Y	Y	Y
4	Contract 5 (Lining PCI-9, 10A/B)	Lanzo	Y	Y	Y	Y	N
4	Contract 6 (Lining PCI-11A)	Lanzo	Y	Y	Y	Y	Y
N/A	Contract 7 (Lining 110' of NIEA)	IWPC	Y	Y	Y	Y	N/A
N/A	Odor/Corrosion Control System	CSM	Y	Y	Y	Y	N/A
N/A	Control Structure Modifications	CSM/Hesco/MCE	Y/Y/Y	Y/Y/N	Y/Y/N	Y/Y/N	N/A
N/A	OMID Maintenance Repairs	Doetsch	Y	N	N	N	N/A
N/A	CS-9 Gate Modifications	Walsh as CMR	Y	Y	N	N	Y
N/A	NESPS Pump & Electrical Upgrade	ASI; Walsh as CMAR	N	N	N	N	Y
N/A	NIEA-OMIDDD Contract 1 (PCI-4)	Marra	N	N	N	N	N
N/A	NIEA-OMIDDD Cont 2 (PCI-18/19)	Z Cont.	N	N	N	N	N

Work Currently in Design/Study/Engineering		
Description	Design Consultant	Status
System-wide Odor/Corrosion Design	Jacobs	Study Complete, Design Ongoing
NESPS & OMID Maintenance & Repairs	Metco	Engineering/Maintenance Ongoing
Emergency Pumping Plan	ASI/NTH/FKE	Draft Plan to be modified following ITC bypass pumping modifications





OMID Project Schedule Summary

MID/OMID Construction Schedule

Project	Work Location	Owner	Lead Engineer	Contractor	2023					2024												MID/OMID Control Devices Required to Store Flow											Concurrent Work Notes
					A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	CS-2	CS-3	CS-5	CS-6	CS-6 PS	CS-7	CS-8	CS-9	CS-12	CS-13	CPS	
Segment 6 Lining	15 Mile upstream of Garfield (15 Mile Interceptor)	MID	FKE	Ric-Man	/	/															-	-	-	-	-	-	-	-	-	Y	Y	Flow control on pause but upcoming. May work concurrent with Segment 5 or NIEA rehabilitation. Schedule is estimated.	
	15 Mile upstream of Garfield & between CS-2/CS-3 (Romeo Arm)	MID	FKE	Ric-Man	/	/															Y	Y	N	-	-	-	-	-	H	Y	Y	May work concurrent with Segment 5 or NIEA rehabilitation. Flow control conditions at the CS gates is similar with the exception of utilizing CS-2. Schedule is estimated.	
Segment 5 Lining*	15 Mile between ITC Corridor & Eberlein	MID	FKE	ORC	/	/	/	/	/	/	/	/									-	Y	N	Y	-	Y	Y	-	Y	-	H	If work is concurrent with NIEA rehabilitation; CS-9 is required. Flow control dates may change depending on sediment removal means and methods. Current projected finish is 8 months late.	
NIEA Rehabilitation (Downstream of NESPS)	PCI-4 Shaft & Lining (Contract 1)	OMID	NTH	MARRA	/	/	/														-	Y	N	Y	-	Y	Y	Y	-	-	H	If work is concurrent with Segments 5 & 6 Lining; CS-9 is required.	
	PCI-18/19 Flow Control Structures (Contract 2A)	OMID	NTH	TBD	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	-	Y	N	Y	-	Y	Y	Y	-	-	H	Shaft construction. MID/OMID flow control may be required depending on 7-Mile Relief Inter-Connection and PC-663 Gate status. Coordination with GLWA and downstream system when flow is diverted to 7 Mile Relief.	
	PCI-18/19 Spot Repairs and Linings (Contract 2B)	OMID	NTH	TBD																	-	-	-	-	-	-	-	-	-	-	-	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. (10/2024 to 5/2025)	
OMID CCTV Inspection	Throughout System	OMID	NTH	Doetsch	/																-	Y	Y	Y	-	Y	Y	-	n/a	-	H	Present work is in upstream manholes so limited flow control necessary. Flow control will be required within certain reaches to facilitate.	
CS-9 Gate Level Sensor Work	CS-9	OMID	NTH	Walsh	/																-	Y	Y	Y	-	Y	Y	Y	n/a	-	H	Level Sensor replacement	
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..	
Rigid Seal Study	NESPS Discharge Chamber	OMID	NTH	TBD	/																-	Y	Y	Y	-	Y	Y	Y	n/a	-	H	Schedule to be confirmed. Reuires 2-3 Days	
Inspection and Repair of Discharge Chamber Riser	NESPS Discharge Chamber	OMID	NTH	TBD	/																-	Y	Y	Y	-	Y	Y	Y	n/a	-	H	Schedule to be confirmed.	
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.		
MID Inspection	Routine Inspection of MID Manholes & Interceptors	MID	NTH	Doetsch																	-	-	-	-	-	-	-	-	-	-	-	Work time and schedule TBD at this time.	
PSPS / COSDS Work (PSPS Shutdown)	PSPS	WRC	n/a	n/a																	-	-	-	-	-	-	-	-	-	-	-	Diversion to PSPS is 5MGD (May increase to 10MGD this Fall). Scheduled shut down of PSPS in September; no flow diversion to Pontiac WWTP (CRWRRF). Will significantly impact storage capabilities on the Oakland Arm CS gates.	

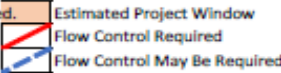
Table updated on 8/1/2023. Estimates to be updated as necessary.

* Flow control will be required for sewer cleaning, cschedule on-going. Flow control requirements are TBD based on contractor means & methods, not reflected in "Control Devices Required to Store Flow" section.

* Flow control will be required for sewer lining (Schedule TBD). Flow control CS requirements are defined in the "Control Devices Required to Store Flow" section.

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



Summary of OMID Flow Control Requirements for Ongoing and Future Projects

Agenda Item No. 9

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

YTD Trial Balance Fund: 84917 Oakland Macomb InterceptorSeg5 As of Fiscal Period: Month 10, 2023		OMID SEGMENT 5 BOND ISSUE PRJ-13252	OMID NI-EA CONSTRUCTION PRJ-13308	NESPS MECH-ELEC CONSTRUCTION PRJ-13309	YTD Balance
100100	Cash - Operating	6,223,963.97	6,986,869.49	16,326,538.06	29,537,371.52
104100	Accrued Interest on Investment	(181,344.30)			(181,344.30)
126105	Due from Municipalities	5,279,496.00			5,279,496.00
143100	PrepaidExpenses				0.00
	ASSETS	11,322,115.67	6,986,869.49	16,326,538.06	34,635,523.22
201210	Vouchers Payable AP Cont		(24,192.04)	(1,385.11)	(25,577.15)
222300	Unearned Revenues	576,414.65	(2,407,672.79)	(4,956,470.90)	(6,787,729.04)
230852	Accounts Payable				0.00
	LIABILITIES	576,414.65	(2,431,864.83)	(4,957,856.01)	(6,813,306.19)
605000	Special Assessments Revenue	(9,562,443.00)			(9,562,443.00)
655000	Income From Investments	(1,721,307.53)			(1,721,307.53)
670000	Other Revenues				0.00
	REVENUES	(11,283,750.53)	0.00	0.00	(11,283,750.53)
730000	Contractual Services		4,751,416.49	5,281,622.60	10,033,039.09
770000	Internal Support Expenditures		62,671.18	118,002.23	180,673.41
	EXPENSES	0.00	4,814,087.67	5,399,624.83	10,213,712.50
381315	FB Restricted Debt	(47,288,433.00)			(47,288,433.00)
382100	FB Committed for Capital Proj	46,673,653.21	(9,369,092.33)	(16,768,306.88)	20,536,254.00
	Fund Balance	(614,779.79)	(9,369,092.33)	(16,768,306.88)	(26,752,179.00)
		0.00	0.00	0.00	(0.00)

Cash as of 07/31/2023 \$ 29,537,371.52

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (190,606.33)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (276,914.79)

Total Net Cash Balance \$ 29,069,850.40

Company	Oakland County
Projects and Project Hierarchies	PRJ-13308 OMID NI-EA CONSTRUCTION
Budget Structure	Project Task
Period	FY2023 - Jul

Project	Final Budget	Actuals MTD	Commitments	Obligations	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	28,395,600.00	(406,300.17)	0.00	0.00	4,814,087.67	4,814,087.67	21,432,922.55	6,962,677.45
1 > Administration	584,000.00	0.00	0.00	0.00	0.00	0.00	175,749.40	408,250.60
1 > Contingency	2,581,000.00	0.00	0.00	0.00	0.00	0.00	0.00	2,581,000.00
1 > Engineering	478,000.00	7,474.02	0.00	0.00	67,970.62	67,970.62	191,906.21	286,093.79
1 > Engineering Consultants	4,913,000.00	(150,071.80)	0.00	0.00	1,952,815.09	1,952,815.09	5,023,867.50	(110,867.50)
1 > Facility Acquisition	17,983,600.00	(270,800.00)	0.00	0.00	2,559,728.92	2,559,728.92	15,524,967.27	2,458,632.73
1 > Inspection	260,000.00	0.00	0.00	0.00	0.00	0.00	0.00	260,000.00
1 > Legal and Financial	1,259,000.00	(5,000.00)	0.00	0.00	112,648.09	112,648.09	236,871.59	1,022,128.41
1 > Right of Way	265,000.00	1,680.95	0.00	0.00	3,899.22	3,899.22	80,395.24	184,604.76
1 > STANDARD	40,000.00	10,416.66	0.00	0.00	117,025.73	117,025.73	199,165.34	(159,165.34)
1 > Survey	32,000.00	0.00	0.00	0.00	0.00	0.00	0.00	32,000.00
Project Revenues	0.00	0.00	0.00	0.00	0.00	0.00	25,987,927.21	
RC605572 - Special Assessments Revenue	0.00	0.00	0.00	0.00	0.00	0.00	4,022,827.56	
RC697551 - Issuance of Bonds	0.00	0.00	0.00	0.00	0.00	0.00	21,965,099.65	
Revenue Over/ (Under) Expenses							4,555,004.66	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-13309 NESPS MECH-ELEC CONSTRUCTION
Budget Structure Project Task
Period FY2023 - Jul

Project	Final Budget	Actuals MTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	54,086,000.00	(256,187.93)	5,399,624.83	5,399,624.83	37,760,847.05	16,325,152.95
PRJ-13309 NESPS MECH-ELEC	54,086,000.00	(256,187.93)	5,399,624.83	5,399,624.83	37,760,847.05	16,325,152.95
1 > Administration	620,000.00	0.00	(51,255.00)	(51,255.00)	44,200.00	575,800.00
1 > Contingency	4,917,000.00	0.00	0.00	0.00	0.00	4,917,000.00
1 > Engineering	446,000.00	8,557.90	76,099.80	76,099.80	267,358.20	178,641.80
1 > Engineering Consultants	3,987,000.00	(109,261.48)	70,658.58	70,658.58	2,701,470.33	1,285,529.67
1 > Facility Acquisition	40,857,000.00	(159,248.35)	4,956,414.81	4,956,414.81	33,234,480.02	7,622,519.98
1 > Inspection	285,000.00	8,764.00	39,752.12	39,752.12	381,059.57	(96,059.57)
1 > Legal and Financial	2,417,000.00	(5,000.00)	55,526.89	55,526.89	235,326.89	2,181,673.11
1 > Right of Way	393,000.00	0.00	0.00	0.00	0.00	393,000.00
1 > STANDARD	130,000.00	0.00	250,277.32	250,277.32	894,801.73	(764,801.73)
1 > Survey	34,000.00	0.00	2,150.31	2,150.31	2,150.31	31,849.69
Project Revenues	0.00	0.00	0.00	0.00	49,129,529.10	
PRJ-13309 NESPS MECH-ELEC	0.00	0.00	0.00	0.00	49,129,529.10	
RC605572 - Special Assessments Revenue	0.00	0.00	0.00	0.00	7,291,907.09	
RC697551 - Issuance of Bonds	0.00	0.00	0.00	0.00	41,837,622.01	
Revenue Over/ (Under) Expenses					11,368,682.05	

OCM Project Work In Progress

Company	Oakland County
Projects and Project Hierarchies	PRJ-13252 OMID Segment 5
Budget Structure	Project Task
Period	FY2023 - Jul

Project	Actuals MTD	Actuals YTD	Total Spend YTD	Actuals LTD
Project Expenses	0.00	0.00	0.00	757,136.57
1 > Administration	0.00	0.00	0.00	242,201.57
SC730177 - Bond Issuing Cost	0.00	0.00	0.00	242,201.57
1 > Legal and Financial	0.00	0.00	0.00	514,935.00
SC730177 - Bond Issuing Cost	0.00	0.00	0.00	514,935.00
1 > STANDARD	0.00	0.00	0.00	0.00
(Blank)	0.00	0.00	0.00	0.00
Project Revenues	(330.55)	11,283,750.53	(11,283,750.53)	12,655,666.89
RC605572 - Special Assessments Revenue	0.00	9,562,443.00	(9,562,443.00)	10,456,503.05
RC655077 - Accrued Interest Adjustments	(18,122.26)	49,289.03	(49,289.03)	(94,620.26)
RC655385 - Income from Investments	17,791.71	280,391.89	(280,391.89)	1,207,696.77
RC655462 - Increase Market Value Investment	0.00	1,391,626.61	(1,391,626.61)	1,084.24
RC670513 - Prior Years Revenue	0.00	0.00	0.00	0.00
RC697219 - Premiums on Bonds Sold	0.00	0.00	0.00	7,672,724.75
RC697551 - Issuance of Bonds	0.00	0.00	0.00	(6,587,721.66)
Revenue Over/ (Under) Expenses				11,898,530.32

Oakland County - Water Resources Commissioner's Office
Fund Equity: Schedule of Reserves and Dedicated Funds
As of Date: July 31, 2023

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	3,799,401.44	3,461,128.29	2,648,086.01	7,493,802.79		17,402,418.53
84917	OMIDD Seg 5						
	- Project 1-3252 Interceptor Seg 5					11,898,530.32	
	- Project 1-3308 NI - EA Construction					4,555,004.66	
	- Project 1-3309 NESPS Construction					<u>11,368,682.05</u>	<u>27,822,217.03</u>
Total Equity in Maintenance and Construction Funds							<u><u>45,224,635.56</u></u>

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

County of Oakland
Oakland Macomb InterceptorCh21 Fund
Statement of Revenues, Expenses, and Changes in Net Position
For the Six Months Ended June 30, 2023
75% of The Year Complete

	<u>Amended Budget</u>	<u>Actual</u>	<u>(Unfavorable) Variance</u>	<u>TYD % of Budget</u>
Operating revenues				
Sewage Disposal Services	\$ 76,966,550.00	\$ 57,724,912.53	\$ (19,241,637.47)	75.00%
Inspection Fees	400.00	0.00	(400.00)	0.00%
Plan Review Fees	250.00	0.00	(250.00)	0.00%
Total operating revenue:	<u>\$ 76,967,200.00</u>	<u>\$ 57,724,912.53</u>	<u>\$ (19,242,287.47)</u>	<u>75.00%</u>
Operating expenses				
Salaries	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>No Budget</u>
Fringe benefits	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>No Budget</u>
Contractual services				
Contracted Services	\$ 12,142,170.00	\$ 304,076.18	\$ 11,838,093.82	2.50%
Electrical Service	917,890.00	1,122,956.05	(205,066.05)	122.34%
Engineering Services-Other	5,000.00	754,461.80	(749,461.80)	15089.24%
Equipment Maintenance	790,000.00	417,575.24	372,424.76	52.86%
Equipment Repair	504,720.00	215,958.82	288,761.18	42.79%
Inspection	0.00	1,050.00	(1,050.00)	No Budget
Insurance	1,200,000.00	1,072,893.83	127,106.17	89.41%
Legal Services	51,990.00	6,214.20	45,775.80	11.95%
Licenses and Permits	1,010.00	0.00	1,010.00	0.00%
Membership Dues	0.00	709.03	(709.03)	No Budget
Natural Gas	30,000.00	35,075.46	(5,075.46)	116.92%
Prior Year Expense	0.00	410,651.83	(410,651.83)	No Budget
Professional Services	0.00	284,539.31	(284,539.31)	No Budget
Public Services	120,000.00	62,514.08	57,485.92	52.10%
Right of Way	0.00	153.00	(153.00)	No Budget
Sewage Disposal Services	70,562,400.00	52,921,800.00	17,640,600.00	75.00%
Water and Sewage Charges	143,320.00	113,385.85	29,934.15	79.11%
Workshops and Meeting	1,500.00	1,459.39	40.61	97.29%
Total contractual services	<u>\$ 86,470,000.00</u>	<u>\$ 57,725,474.07</u>	<u>\$ 28,744,525.93</u>	<u>66.76%</u>
Commodities				
Material and Supplies	\$ 4,040.00	\$ -	\$ 4,040.00	0.00%
Total commodities	<u>\$ 4,040.00</u>	<u>\$ -</u>	<u>\$ 4,040.00</u>	<u>0.00%</u>
Internal services				
Drain Equip Materials	\$ 730.00		\$ 730.00	0.00%
Drain Equip Labor	81,010.00	\$ 89,167.92	(8,157.92)	110.07%
Drain Equipment	3,330.00	3,801.27	(471.27)	114.15%
Total internal services	<u>\$ 85,070.00</u>	<u>\$ 92,969.19</u>	<u>\$ (7,899.19)</u>	<u>109.29%</u>
Total operating expense	<u>\$ 86,559,110.00</u>	<u>\$ 57,818,443.26</u>	<u>\$ 28,740,666.74</u>	<u>66.80%</u>
Operating income (loss)	<u>\$ (9,591,910.00)</u>	<u>\$ (93,530.73)</u>	<u>\$ 9,498,379.27</u>	<u>0.98%</u>
Nonoperating revenues (expenses)				
Income from investments	\$ 209,410.00	\$ 235,131.36	\$ 25,721.36	112.28%
Contributions	\$ -	\$ 110,868.15	\$ 110,868.15	No Budget
Total nonoperating revenues (expenses)	<u>\$ 209,410.00</u>	<u>\$ 345,999.51</u>	<u>\$ 136,589.51</u>	<u>165.23%</u>
Income (loss) before transfer	<u>\$ (9,382,500.00)</u>	<u>\$ 252,468.78</u>	<u>\$ 9,634,968.78</u>	<u>165.23%</u>
Transfers in	0.00	0.00	0.00	No Budget
Transfers out	0.00	0.00	0.00	No Budget
Change in net position	<u>\$ (9,382,500.00)</u>	<u>\$ 252,468.78</u>	<u>\$ 9,634,968.78</u>	<u>-2.69%</u>
Net Position - beginning		<u>15,317,417.19</u>		
Net Position - ending		<u>\$ 15,569,885.97</u>		

**County of Oakland
OMIDD Maintenance Fund
Statement of Net Position
June 30, 2023**

ASSETS

Current assets:

Cash	\$ 24,193,529.53
Accrued interest receivable	79,451.19
Due from municipalities	4,364,430.08
Due from other funds	500.00
Prepaid Expenses	664,621.94

Total assets	<u>\$ 29,302,532.74</u>
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LIABILITIES

Current liabilities:

Vouchers payable	\$ 6,169,855.84
Accounts Payable	1,262,378.94
Due To Municipalities	6,296,161.99
Deposits	4,250.00

Total liabilities	<u>\$ 13,732,646.77</u>
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NET POSITION

FB Major Maint Reserve	3,346,054.71
FB Emergency Maint Reserve	3,461,128.29
FB Capital Improvement Reserve	2,367,833.56
FB Restricted Programs	<u>6,394,869.41</u>
Total net position	<u><u>\$ 15,569,885.97</u></u>

OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS

OMIDD Meeting Date 08/16/2023

		84917 1-3308	84917 1-3309	82912	
<u>Payable To</u>	<u>Invoice #</u>	<u>Segment 5 NIEA Construction</u>	<u>Segment 5 NESPS Mech / Electric Construction</u>	<u>Operations & Maintenance</u>	<u>Total</u>
Oakland County *	WRC Labor/Fringes/Non-direct Labor (07/01/2023 - 07/28/2023)	8,521.01	16,656.10		25,177.11
Oakland County *	WRC Equipment (07/01/2023 - 07/28/2023)	283.96	665.80		949.76
Macomb County	ARP230187 Personnel Reimbursement, Utilities, and SCADA Maintenance			59,542.85	\$59,542.85
Applied Science, Inc	Invoice # 50 (ASI Inv. #8421) Services 4/2/23 to 4/29/23 Reissued		103,791.02	1,361.00	105,152.02
Applied Science, Inc	Invoice # 50a (ASI Inv. #8422) Services 4/2/23 to 4/29/23		929.36		929.36
Applied Science, Inc	Invoice # 52a (ASI Inv. #8462) Services 5/28/2023 - 7/1/2023		83,752.40	64,888.06	148,640.46
Applied Science, Inc	Invoice # 53 (ASI Inv. #8479) Services 7/2/2023 - 7/29/2023		81,943.31	29,262.85	111,206.16
Clark Hill PLC	Invoice # 1333069 Matter 424741 GLWA Model Wastewater Svs Through 06/30/2023			1,107.00	\$1,107.00
Clark Hill PLC	Invoice # 1333071 Matter 404547 NIEA Improvements Services Through 06/30/2023	189.00			189.00
Comerica - P Card Reimbursement	City of Detroit - Receipt # 1751764 ROE2023-00083 19015 Van Dyke	350.00			350.00
CSM Mechanical, LLC	Invoice # 23-264 Clean Reinstall Differential Pressure Gauge 5/1/2023			305.00	305.00
CSM Mechanical, LLC	Invoice # 23-290 Backflow Testing 05/04/2023			415.00	415.00
D'Angelo Brothers Inc.	Invoice # 8960-NESPS Invoice Date 08/01/2023			232,512.29	\$232,512.29
HESCO	Invoice # 231598 CS-5 Preventative Maintenance and Hose Replacement 06/08/2022			5,201.68	\$5,201.68
HESCO	Invoice # 231599 CS-7 Preventative Maintenance 06/09/2022			5,105.86	\$5,105.86
HESCO	Invoice # 231600 CS-8 Preventative Maintenance 06/10/2022			3,869.61	\$3,869.61
Kone	Invoice # 871037730 NESPS Passenger Elevator Maintenance 5/1/23 - 7/31/23			730.08	\$730.08
Kone	Invoice # 115852081 NESPS Passenger Elevator Service 4/18/23			1,147.93	\$1,147.93
METCO	Invoice # 1811-55 07/03/2023 Through 07/30/2023			65,210.99	\$65,210.99
Motor City Electric Technologies	Invoice # 95170 NESP SCADA T&M Service Date 05/02/2023			270.00	270.00
Motor City Electric Technologies	Invoice # 95204 NESP SCADA T&M Service Date 06/28/2023			1,125.00	1,125.00
NTH Consultants	Invoice # 633483 NIEA Design for PCI-4 06/24/2023 - 07/21/2023	19,428.48			19,428.48
NTH Consultants	Invoice # 633484 (D-425) Engineering Services 5/25/2023 - 07/21/2023	153,157.01			153,157.01
NTH Consultants	Invoice # 633485 (D-421) Engineering Design NESPS 06/24/2023 - 07/21/2023		6,498.70		\$6,498.70
NTH Consultants	Invoice # 633486 (D-439) Engineering Services 03/25/2023 - 07/21/2023			7,121.50	\$7,121.50
PM Technologies	Invoice # 80970509 NESPS Generator 1 Monthly Inspection Date 06/13/2023			1,050.00	1,050.00
PMA Consultants	Invoice # 03559.01 - 37 Professional Services Through 06/30/23	17,481.84			\$17,481.84
Total Invoices/Reimbursements for Approval		\$199,411.30	\$294,236.69	\$477,269.19	973,874.69
	* Less WRC Charges already paid from OMI Fund	(8,804.97)	(17,321.90)		(26,126.87)
Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board		\$190,606.33	\$276,914.79	\$477,269.19	\$944,790.31

Agenda Item No. 10

Invoices



Candice S. Miller
Public Works Commissioner
Macomb County

COUNTY OF OAKLAND
Oakland Co Treas-Cash Acct Bldg 12E
1200 N Telegraph Rd
PONTIAC, MI 48341

Invoice Date Invoice
03/31/2023 ARP230187

REF DATE	DESCRIPTION	AMOUNT
Work Order: # WO20016 WO Descrip: OMID Expenses/Revenue		
03/31/2023	Personnel Reimb 10/22-3/23	42,336.02
Work Order: # WO20016 WO Descrip: OMID Expenses/Revenue		
03/31/2023	SCADA Maint	12,499.85
Work Order: # WO20016 WO Descrip: OMID Expenses/Revenue		
03/31/2023	Utility Reimbursement	4,706.98
Charges		59,542.85
Amount Due		<u>\$59,542.85</u>

Please direct inquiries about your account to:

Phone: (586) 469-5325 - Finance Department

Email: bruce.manning@macombgov.org

Please make checks payable to:

Macomb County Public Works

Please remit your payment to:

Public Works
Finance Department
21777 Dunham Road
Clinton Township, MI 48036

Customer Number: V01091 AC: 32

Invoice Date: 03/31/2023

Invoice Number: ARP230187

Amount Due: \$59,542.85

Payment Terms: Due Upon Receipt

ADDRESS: 21777 Dunham Road, Clinton Township, MI 48036 • Phone: 586-469-5325 • Fax: 586-469-5933

ENGINEERING: • Phone: 586-469-5910 • Fax: 586-469-7693 **SOIL EROSION:** • Phone: 586-469-5327 • Fax: 586-307-8264

OMID			
COMCAST	8529 10 112 0329082	10/1-10/31	\$17.46
COMCAST	8529 10 112 0329082	11/1-11/30	\$16.76
COMCAST	8529 10 112 0329082	12/1-12/31	\$17.46
COMCAST	8529 10 112 0329082	1/1-1/31	\$17.49
COMCAST	8529 10 112 0329082	2/1-2/28	\$17.49
COMCAST	8529 10 112 0329082	3/1-3/31	\$17.81
COMCAST	8529 10 113 0127831	10/1-10/31	\$18.88
COMCAST	8529 10 113 0127831	11/1-12/31	\$43.71
COMCAST	8529 10 113 0127831	1/1-1/31	\$26.30
COMCAST	8529 10 113 0127831	2/1-2/8	\$15.30
COMCAST	8529 10 113 0127831	3/1-3/31	\$20.29
COMCAST	8529 10 199 1516981	10/19-11/18	\$251.69
COMCAST	8529 10 199 1516981	11/19-12/18	\$251.69
COMCAST	8529 10 199 1516981	12/19-1/18	\$273.83
COMCAST	8529 10 199 1516981	1/19-2/18	\$292.32
COMCAST	8529 10 199 1516981	2/19-3/18	\$163.93
COMCAST	8529 10 077 0837261	9/16-11/16	\$51.10
COMCAST	8529 10 077 0837261	11/17-12/16	\$16.78
COMCAST	8529 10 077 0837261	12/17-2/16	\$38.18
COMCAST	8529 10 077 0837261	2/17-3/16	\$18.40
COMCAST	8529 10 077 0837261	3/16-4/16	\$18.40
COMCAST	8529 10 077 0830852	10/9-11/8	\$10.84
COMCAST	8529 10 077 0830852	11/9/1/8	\$23.23
COMCAST	8529 10 077 0830852	1/9-2/8	\$12.24
COMCAST	8529 10 077 0830852	2/9-3/8	\$10.42
COMCAST	8529 10 077 0830852	3/9-4/8	\$11.19
COMCAST	8529 10 076 1516528	9/30-10/29	\$179.90
COMCAST	8529 10 076 1516528	10/30-12/29	\$379.80
COMCAST	8529 10 076 1516528	12/30-1/29	\$194.90
COMCAST	8529 10 076 1516528	1/30-2/28	\$154.26
COMCAST	8529 10 076 1516528	3/1-3/29	\$164.90
COMCAST TOTAL			\$2,746.95
Verizon	9921302594	10/24-11/23	\$391.92
Verizon	9907225495	11/24-12/23	\$392.27
Verizon	9909541461	12/24-1/23	\$391.68
Verizon	9911862242	1/24-2/23	\$392.59
Verizon	9930861338	2/24-3/23	\$391.57
VERIZON TOTAL			\$1,960.03
Macomb County	Personnel	10/1-3/31	\$42,336.02
Macomb County	Equipment Use	10/1-3/31	\$4,375.17
Access Interactive	INV000110680		\$960.96
Access Interactive	INV3761		\$480.90
Access Interactive	INV000110783		\$618.10
Access Interactive	INV000110996		\$149.80
Colville	22507		\$193.18
KHVPF	490007		\$165.00
KHVPF	48980		\$302.50
KHVPF	49008		\$1,815.00
Macomb County	22-409		\$227.50
Macomb County	22-410		\$235.87
Macomb County	22-411		\$206.75
Macomb County	22-412		\$253.95
People Driven Technology	INV4098		\$227.85
People Driven Technology	INV4114		\$906.43
Wonderware North	99376		\$1,380.89
VENDORS			\$54,835.87
TOTAL DUE FROM OMID			\$59,542.85



City of Detroit
Buildings, Safety Engineering and Environmental Department
Coleman A. Young Municipal Center
2 Woodward Avenue, 4th Floor, Detroit, Michigan 48226

Receipt No.: **1751764**

Receipt Date: **07/19/2023**

Applicant:

Oakland Macomb Interceptor Drain Drainage District
One Public Works Drive, Building 95 West
Waterford, MI 48328

*****NOTICE-THIS IS NOT A PERMIT OR LICENSE*****

RECEIPT

RECORD & PAYER INFORMATION

Record ID	: ROE2023-00083	Record Type	: Right of Entry (ROE)
		Payer	: Sydney Zoner
Property Address	: 19015 VAN DYKE, DETROIT, MI 48234		
Description of Work	: The subject parcel (15005332-4, 19015 Van Dyke) on Van Dyke at E. Brentwood St. is of interest for an upcoming project that entails construction of two nearby interceptor sewer chambers. As such, the Contractor will need working room to locate office trailer, staff parking, material storage, etc. during the construction period. The types of materials anticipated to be stored at this site are: rough timber and finish lumber, steel beams and bracing accessories, fine and coarse aggregate (i.e. sand and stone in routinely minor quantities for as-needed supply), landscape supplies for site restoration, drainage structure covers (manhole frames and covers), traffic control equipment (replacement signs and barricades), concrete reinforcing steel and accessories, small construction equipment (cement mixers, welding machines, soil compactors, ventilation fans and ductwork, etc), and Contractor vehicles. Weather sensitive supplies and small equipment may be stored within 8' x 20' steel shipping containers. Storage of "bulk materials" is not contemplated to be higher than 6', although certain items such as field office trailers, miscellaneous construction equipment, and related support items will exceed that height. The perimeter of the subject parcel will be secured with 8' high chain link fence fitted with visual screening fabric for aesthetic considerations. Vehicular access to the subject parcel is anticipated to be located along Van Dyke Avenue via a lockable gate in the chain link fencing. At the conclusion of the construction, the temporary laydown site will be restored to its original or better condition.		

PAYMENT DETAIL

Date	Payment Method	Reference	Comments	Amount
07/19/2023	Credit Card			\$350.00

FEE DETAIL

Fee Description	Invoice #	Quantity	Fee Amount	Current Paid
Base Fee - ROE	6025749	1	\$200.00	\$200.00
Draft / Final Report Retainer	6025749	1	\$150.00	\$150.00
			<hr/> \$350.00	\$350.00

*****NOTICE-THIS IS NOT A PERMIT OR LICENSE*****

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 07/01/23 - 07/28/23									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094849	7/24/2023	6/6/2023	BROWN, JOEL	1.50	197.33	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/7/2023	BROWN, JOEL	3.00	394.65	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/8/2023	BROWN, JOEL	3.00	394.65	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/9/2023	BROWN, JOEL	1.00	131.55	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/12/2023	BROWN, JOEL	2.00	263.10	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/14/2023	BROWN, JOEL	1.00	131.55	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/15/2023	BROWN, JOEL	4.00	526.20	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/16/2023	BROWN, JOEL	1.00	131.55	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/20/2023	BROWN, JOEL	2.50	328.88	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/21/2023	BROWN, JOEL	2.00	263.10	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/26/2023	BROWN, JOEL	1.00	131.55	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/28/2023	BROWN, JOEL	0.50	65.78	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/29/2023	BROWN, JOEL	2.50	328.88	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/10/2023	BROWN, JOEL	1.00	131.55	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/11/2023	BROWN, JOEL	5.00	657.75	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/12/2023	BROWN, JOEL	2.00	263.10	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/13/2023	BROWN, JOEL	5.00	657.75	REGULAR	WRCCON	PRJ-13309	ENGINEERING
			BROWN, JOEL Total		4,998.92				
1094849	7/28/2023	7/17/2023	LOCKHART, SIDNEY	1.00	143.02	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/18/2023	LOCKHART, SIDNEY	2.00	286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/19/2023	LOCKHART, SIDNEY	2.00	286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/20/2023	LOCKHART, SIDNEY	2.00	286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/24/2023	LOCKHART, SIDNEY	2.00	286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/25/2023	LOCKHART, SIDNEY	2.00	286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/26/2023	LOCKHART, SIDNEY	2.00	286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/27/2023	LOCKHART, SIDNEY	2.00	286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
			LOCKHART, SIDNEY Total		2,145.30				
1050210	7/11/2023	7/5/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/11/2023	7/6/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/11/2023	7/7/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/11/2023	7/10/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/11/2023	7/11/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/11/2023	7/12/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/11/2023	7/13/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/11/2023	7/14/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/25/2023	7/15/2023	POUSHO, ROBERT	8.00	688.80	OVERTIME	WRCCON	PRJ-13309	INSPECTION
1050210	7/25/2023	7/17/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/25/2023	7/18/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/25/2023	7/19/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/25/2023	7/20/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/25/2023	7/21/2023	POUSHO, ROBERT	4.00	344.40	OVERTIME	WRCCON	PRJ-13309	INSPECTION
1050210	7/25/2023	7/21/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/25/2023	7/24/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/25/2023	7/25/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	7/25/2023	7/26/2023	POUSHO, ROBERT	8.00	459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
			POUSHO, ROBERT Total		8,380.40				
1131289	7/5/2023	6/20/2023	PUSCAS, JACK J	4.00	323.28	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	7/5/2023	6/26/2023	PUSCAS, JACK J	1.00	80.82	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	7/5/2023	6/28/2023	PUSCAS, JACK J	5.00	404.10	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	7/19/2023	7/10/2023	PUSCAS, JACK J	4.00	323.28	REGULAR	WRCADM	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total		1,131.48				
			Grand Total		16,656.10				

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 07/01/23 - 07/28/23									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094849	7/24/2023	6/6/2023	BROWN, JOEL	1.50	0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/6/2023	BROWN, JOEL	1.50	3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/6/2023	BROWN, JOEL	1.50	0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/7/2023	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/7/2023	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/7/2023	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/8/2023	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/8/2023	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/8/2023	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/9/2023	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/9/2023	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/9/2023	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/12/2023	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/12/2023	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/12/2023	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/14/2023	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/14/2023	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/14/2023	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/15/2023	BROWN, JOEL	4.00	1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/15/2023	BROWN, JOEL	4.00	9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/15/2023	BROWN, JOEL	4.00	1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/16/2023	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/16/2023	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/16/2023	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/20/2023	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/20/2023	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/20/2023	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/21/2023	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/21/2023	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/21/2023	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/26/2023	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/26/2023	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/26/2023	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/28/2023	BROWN, JOEL	0.50	0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/28/2023	BROWN, JOEL	0.50	1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/28/2023	BROWN, JOEL	0.50	0.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/29/2023	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/29/2023	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	6/29/2023	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/10/2023	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/10/2023	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/10/2023	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/11/2023	BROWN, JOEL	5.00	2.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/11/2023	BROWN, JOEL	5.00	11.70	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/11/2023	BROWN, JOEL	5.00	1.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/12/2023	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/12/2023	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/12/2023	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/13/2023	BROWN, JOEL	5.00	2.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/13/2023	BROWN, JOEL	5.00	11.70	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/24/2023	7/13/2023	BROWN, JOEL	5.00	1.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
			BROWN, JOEL Total		113.64				
1094849	7/28/2023	7/17/2023	LOCKHART, SIDNEY	1.00	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/28/2023	7/17/2023	LOCKHART, SIDNEY	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/28/2023	7/17/2023	LOCKHART, SIDNEY	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/28/2023	7/17/2023	LOCKHART, SIDNEY	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/18/2023	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/18/2023	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/18/2023	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/18/2023	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/19/2023	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/19/2023	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/19/2023	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/19/2023	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/20/2023	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/20/2023	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/20/2023	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/20/2023	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/24/2023	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/24/2023	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/24/2023	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/24/2023	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/25/2023	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/25/2023	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/25/2023	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/25/2023	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING

1094849	7/26/2023	7/26/2023	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/26/2023	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/26/2023	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/26/2023	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/27/2023	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/27/2023	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/27/2023	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/26/2023	7/27/2023	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
			LOCKHART, SIDNEY Total		130.20				
1050210	7/11/2023	7/5/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/11/2023	7/5/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/11/2023	7/6/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/11/2023	7/6/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/11/2023	7/7/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/11/2023	7/7/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/11/2023	7/10/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/11/2023	7/10/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/11/2023	7/11/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/11/2023	7/11/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/11/2023	7/12/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/11/2023	7/12/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/11/2023	7/13/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/11/2023	7/13/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/11/2023	7/14/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/11/2023	7/14/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/25/2023	7/15/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/25/2023	7/15/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/25/2023	7/17/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/25/2023	7/17/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/25/2023	7/18/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/25/2023	7/18/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/25/2023	7/19/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/25/2023	7/19/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/25/2023	7/20/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/25/2023	7/20/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/25/2023	7/21/2023	POUSHO, ROBERT	4.00	1.60	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/25/2023	7/21/2023	POUSHO, ROBERT	4.00	9.36	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/25/2023	7/21/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/25/2023	7/21/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/25/2023	7/24/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/25/2023	7/24/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/25/2023	7/25/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/25/2023	7/25/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	7/25/2023	7/26/2023	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	7/25/2023	7/26/2023	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
			POUSHO, ROBERT Total		383.60				
1131289	7/5/2023	6/20/2023	PUSCAS, JACK J	4.00	1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	7/5/2023	6/20/2023	PUSCAS, JACK J	4.00	9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	7/5/2023	6/26/2023	PUSCAS, JACK J	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	7/5/2023	6/26/2023	PUSCAS, JACK J	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	7/5/2023	6/28/2023	PUSCAS, JACK J	5.00	2.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	7/5/2023	6/28/2023	PUSCAS, JACK J	5.00	11.70	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	7/19/2023	7/10/2023	PUSCAS, JACK J	4.00	1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	7/19/2023	7/10/2023	PUSCAS, JACK J	4.00	9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total		38.36				
			Grand Total		665.80				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 07/01/23 - 07/28/23									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	7/24/23	6/6/23	BROWN, JOEL	1.50	197.33	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/7/23	BROWN, JOEL	3.00	394.65	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/8/23	BROWN, JOEL	0.50	65.78	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/9/23	BROWN, JOEL	3.50	460.43	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/12/23	BROWN, JOEL	2.00	263.10	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/13/23	BROWN, JOEL	4.00	526.20	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/14/23	BROWN, JOEL	2.00	263.10	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/15/23	BROWN, JOEL	1.00	131.55	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/16/23	BROWN, JOEL	1.00	131.55	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/20/23	BROWN, JOEL	1.00	131.55	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/21/23	BROWN, JOEL	2.00	263.10	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/26/23	BROWN, JOEL	1.50	197.33	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/28/23	BROWN, JOEL	1.00	131.55	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/29/23	BROWN, JOEL	3.50	460.43	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	6/30/23	BROWN, JOEL	2.50	328.88	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	7/10/23	BROWN, JOEL	1.50	197.33	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	7/11/23	BROWN, JOEL	2.00	263.10	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	7/12/23	BROWN, JOEL	1.00	131.55	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	7/24/23	7/14/23	BROWN, JOEL	1.00	131.55	REGULAR	WRCCON	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		4,670.06				
1094815	7/5/23	6/20/23	LOCKHART, SIDNEY	1.00	143.02	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/5/23	6/21/23	LOCKHART, SIDNEY	2.00	286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/5/23	6/22/23	LOCKHART, SIDNEY	1.00	143.02	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/5/23	6/26/23	LOCKHART, SIDNEY	2.00	286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/5/23	6/27/23	LOCKHART, SIDNEY	2.00	286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/5/23	6/28/23	LOCKHART, SIDNEY	2.00	286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	7/5/23	6/29/23	LOCKHART, SIDNEY	2.00	286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			LOCKHART, SIDNEY Total		1,716.24				
1094816	7/12/23	7/12/23	PARROTT, JEFFREY	2.00	171.48	REGULAR	WRCROW	PRJ-13308	ROW
1094816	7/26/23	7/17/23	PARROTT, JEFFREY	3.00	257.22	REGULAR	WRCROW	PRJ-13308	ROW
1094816	7/26/23	7/19/23	PARROTT, JEFFREY	3.00	257.22	REGULAR	WRCROW	PRJ-13308	ROW
1094816	7/26/23	7/24/23	PARROTT, JEFFREY	3.00	257.22	REGULAR	WRCROW	PRJ-13308	ROW
1094816	7/26/23	7/27/23	PARROTT, JEFFREY	4.00	342.96	REGULAR	WRCROW	PRJ-13308	ROW
			PARROTT, JEFFREY Total		1,286.10				
1131284	7/5/23	6/20/23	PUSCAS, JACK J	4.00	323.28	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	7/5/23	6/27/23	PUSCAS, JACK J	3.00	242.46	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	7/19/23	7/6/23	PUSCAS, JACK J	2.50	202.05	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	7/19/23	7/11/23	PUSCAS, JACK J	1.00	80.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			PUSCAS, JACK J Total		848.61				
			Grand Total		8,521.01				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 07/01/23 - 07/28/23									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	07/24/23	06/06/23	BROWN, JOEL	1.5	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/06/23	BROWN, JOEL	1.5	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/06/23	BROWN, JOEL	1.5	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/07/23	BROWN, JOEL	3	1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/07/23	BROWN, JOEL	3	7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/07/23	BROWN, JOEL	3	0.75	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/08/23	BROWN, JOEL	0.5	0.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/08/23	BROWN, JOEL	0.5	1.17	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/08/23	BROWN, JOEL	0.5	0.13	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/09/23	BROWN, JOEL	3.5	1.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/09/23	BROWN, JOEL	3.5	8.19	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/09/23	BROWN, JOEL	3.5	0.88	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/12/23	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/12/23	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/12/23	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/13/23	BROWN, JOEL	4	1.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/13/23	BROWN, JOEL	4	9.36	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/13/23	BROWN, JOEL	4	1.00	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/14/23	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/14/23	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/14/23	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/15/23	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/15/23	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/15/23	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/16/23	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/16/23	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/16/23	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/20/23	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/20/23	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/20/23	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/21/23	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/21/23	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/21/23	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/26/23	BROWN, JOEL	1.5	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/26/23	BROWN, JOEL	1.5	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/26/23	BROWN, JOEL	1.5	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/28/23	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/28/23	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/28/23	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/29/23	BROWN, JOEL	3.5	1.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/29/23	BROWN, JOEL	3.5	8.19	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/29/23	BROWN, JOEL	3.5	0.88	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	06/30/23	BROWN, JOEL	2.5	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	06/30/23	BROWN, JOEL	2.5	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	06/30/23	BROWN, JOEL	2.5	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	07/10/23	BROWN, JOEL	1.5	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	07/10/23	BROWN, JOEL	1.5	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	07/10/23	BROWN, JOEL	1.5	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	07/11/23	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	07/11/23	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	07/11/23	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	07/12/23	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	07/12/23	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	07/12/23	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/24/23	07/14/23	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/24/23	07/14/23	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/24/23	07/14/23	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		106.18				
1094815	07/05/23	06/20/23	LOCKHART, SIDNEY	1	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	07/05/23	06/20/23	LOCKHART, SIDNEY	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/05/23	06/20/23	LOCKHART, SIDNEY	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/05/23	06/20/23	LOCKHART, SIDNEY	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/05/23	06/21/23	LOCKHART, SIDNEY	2	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	07/05/23	06/21/23	LOCKHART, SIDNEY	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/05/23	06/21/23	LOCKHART, SIDNEY	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/05/23	06/21/23	LOCKHART, SIDNEY	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/05/23	06/22/23	LOCKHART, SIDNEY	1	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	07/05/23	06/22/23	LOCKHART, SIDNEY	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/05/23	06/22/23	LOCKHART, SIDNEY	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/05/23	06/22/23	LOCKHART, SIDNEY	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/05/23	06/26/23	LOCKHART, SIDNEY	2	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	07/05/23	06/26/23	LOCKHART, SIDNEY	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/05/23	06/26/23	LOCKHART, SIDNEY	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/05/23	06/26/23	LOCKHART, SIDNEY	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/05/23	06/27/23	LOCKHART, SIDNEY	2	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING

1094815	07/05/23	06/27/23	LOCKHART, SIDNEY	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/05/23	06/27/23	LOCKHART, SIDNEY	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/05/23	06/27/23	LOCKHART, SIDNEY	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/05/23	06/28/23	LOCKHART, SIDNEY	2	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	07/05/23	06/28/23	LOCKHART, SIDNEY	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/05/23	06/28/23	LOCKHART, SIDNEY	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/05/23	06/28/23	LOCKHART, SIDNEY	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/05/23	06/29/23	LOCKHART, SIDNEY	2	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	07/05/23	06/29/23	LOCKHART, SIDNEY	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/05/23	06/29/23	LOCKHART, SIDNEY	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/05/23	06/29/23	LOCKHART, SIDNEY	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
			LOCKHART, SIDNEY Total		104.16				
1094816	07/12/23	07/12/23	PARROTT, JEFFREY	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	07/12/23	07/12/23	PARROTT, JEFFREY	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	07/12/23	07/12/23	PARROTT, JEFFREY	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
1094816	07/26/23	07/17/23	PARROTT, JEFFREY	3	1.20	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	07/26/23	07/17/23	PARROTT, JEFFREY	3	7.02	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	07/26/23	07/17/23	PARROTT, JEFFREY	3	0.75	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
1094816	07/26/23	07/19/23	PARROTT, JEFFREY	3	1.20	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	07/26/23	07/19/23	PARROTT, JEFFREY	3	7.02	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	07/26/23	07/19/23	PARROTT, JEFFREY	3	0.75	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
1094816	07/26/23	07/24/23	PARROTT, JEFFREY	3	1.20	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	07/26/23	07/24/23	PARROTT, JEFFREY	3	7.02	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	07/26/23	07/24/23	PARROTT, JEFFREY	3	0.75	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
1094816	07/26/23	07/27/23	PARROTT, JEFFREY	4	1.60	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	07/26/23	07/27/23	PARROTT, JEFFREY	4	9.36	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	07/26/23	07/27/23	PARROTT, JEFFREY	4	1.00	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
			PARROTT, JEFFREY Total		44.85				
1131284	07/05/23	06/20/23	PUSCAS, JACK J	4	1.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	07/05/23	06/20/23	PUSCAS, JACK J	4	9.36	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1131284	07/05/23	06/27/23	PUSCAS, JACK J	3	1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	07/05/23	06/27/23	PUSCAS, JACK J	3	7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1131284	07/19/23	07/06/23	PUSCAS, JACK J	2.5	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	07/19/23	07/06/23	PUSCAS, JACK J	2.5	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1131284	07/19/23	07/11/23	PUSCAS, JACK J	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	07/19/23	07/11/23	PUSCAS, JACK J	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
			PUSCAS, JACK J Total		28.77				
			Grand Total		283.96				



Applied Science, Inc.

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

May 3, 2023

Project Invoice # 50 (ASI Inv. 8421)

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: 4/2/23-4/29/23

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

li# 41133 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:	<u>\$ -</u>
	Total This Invoice	<u>\$ -</u>

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

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 29,924.50
	Subconsultants:	
	NTH Consultants	\$ 26,185.84
	Metco Services	\$ 38,936.00
	FK Engineering:	\$ 4,760.00
	ASI Markup 5%:	\$ 3,494.09
	Direct Expenses:	\$ 490.59
	Total Due This Invoice:	<u>\$ 103,791.02</u>
	Previous Amount Invoiced:	

84917-149015-730639-1-3309
engcon

JTB 8/10/2023

Task No.	Task Description	Total This Invoice
6	Control Structure Rehab	
	Total:	\$ 1,361.00
	Subconsultants:	
	NTH Consultants	\$ -
	Metco Services	\$ -
	ASI Markup 5%:	\$ -
	Direct Expenses:	\$ -
	Total Due This Invoice:	<u>\$ 1,361.00</u>

82912-149667-730639-
PRJ-17060 engcon

JTB 8/10/2023

Summary		
	Total Due This Invoice-All Tasks:	\$ 105,152.02
	Previous Amount Invoiced:	\$ 4,112,223.07
	Amount Invoiced for MCC Incident (separate invoice):	\$ 929.36
	Total Invoiced To-Date	\$ 4,218,304.45
	Original Contract Task Total:	\$ 4,198,380.00
	Additional Budget-Task 5:	\$ 284,076.60
	Additional Budget-Task 6:	\$ 220,326.00
	Current Contract Task Total:	\$ 4,702,782.60
	Amount Remaining:	<u>\$ 484,478.15</u>



Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075

Phone: (313) 567-3990 Fax: (313) 567-3750

www.asi-detroit.com

Maya 3, 2023

Project Invoice #50a (ASI Inv. 8422)

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)

**84917-149015-730520-
1-3309 engcon li# 41133 v#352**

Task - MCC Incident

Invoice Period: 4/2/23-4/29/23

8/10/2023

<u>Employee</u>	<u>Job Classification</u>	<u>MCC Incident</u>	<u>Total Hours</u>	<u>Direct Labor Rate</u>	<u>Total</u>
Total Labor:		\$ -		\$ -	
Subconsultant:NTH		\$ 885.10		\$ 885.10	
Subconsultant:METCO		\$ -		\$ -	
		\$ 885.10		\$ 885.10	
ASI Markup 5%		\$ 44.26		\$ 44.26	
Direct Expenses (receipts attached):		\$ -		\$ -	
Total This Invoice:		\$ 929.36		\$ 929.36	
Previous Amount Invoiced:		\$ 56,313.33		\$ 56,313.33	
Total Invoiced To Date:		\$ 57,242.69		\$ 57,242.69	



Applied Science, Inc.

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

July 13, 2023

Project Invoice # 52 (ASI Inv. 8462)

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: 5/28/23-7/1/23

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

li# 41133 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:	<u>\$ -</u>

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

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 39,542.00
	Subconsultants:	
	NTH Consultants	\$ 24,769.54
	Metco Services	\$ 13,142.00
	FK Engineering:	\$ 4,050.75
	ASI Markup 5%:	\$ 2,098.11
	Direct Expenses:	\$ 150.00
	Total Due This Invoice:	<u>\$ 83,752.40</u>
	Previous Amount Invoiced:	

84917-149015-730639-1-3309
engcon JTB 8/10/2023

Task No.	Task Description	Total This Invoice
6	Control Structure Rehab	
	Total:	\$ 17,096.50
	Subconsultants:	
	NTH Consultants	\$ 6,075.77
	Metco Services	\$ 39,440.00
	ASI Markup 5%:	\$ 2,275.79
	Direct Expenses:	\$ -
	Total Due This Invoice:	<u>\$ 64,888.06</u>

82912-149667-730639-
PRJ-17060 engcon

Summary		
Total Due This Invoice-All Tasks:		\$ 148,640.46
Previous Amount Invoiced:		\$ 4,328,640.54
Amount Invoiced for MCC Incident (separate invoice):		\$ -
Total Invoiced To-Date		\$ 4,477,281.00
Original Contract Task Total:		\$ 4,198,380.00
Additional Budget-Task 5:		\$ 284,076.60
Additional Budget-Task 6:		\$ 220,326.00
Current Contract Task Total:		\$ 4,702,782.60
Amount Remaining:		<u>\$ 225,501.60</u>

JTB 8/10/2023



Applied Science, Inc.

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

August 3, 2023

Project Invoice # 53 (ASI Inv. 8479)

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

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

Invoice Period: 7/2/23-7/29/23

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

li# 41133 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:	<u>\$ -</u>
	Total This Invoice	<u>\$ -</u>

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

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 27,849.00
	Subconsultants:	
	NTH Consultants	\$ 23,937.89
	Metco Services	\$ 21,585.00
	FK Engineering:	\$ 5,995.50
	ASI Markup 5%:	\$ 2,575.92
	Direct Expenses:	\$ -
	Total Due This Invoice:	<u>\$ 81,943.31</u>
	Previous Amount Invoiced:	

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

JTB 8/10/2023

Task No.	Task Description	Total This Invoice
6	Control Structure Rehab	
	Total:	\$ 5,536.00
	Subconsultants:	
	NTH Consultants	\$ -
	Metco Services	\$ 22,597.00
	ASI Markup 5%:	\$ 1,129.85
	Direct Expenses:	\$ -
	Total Due This Invoice:	<u>\$ 29,262.85</u>

**82912-149667-730639-
PRJ-17060 engcon**

Summary		
	Total Due This Invoice-All Tasks:	\$ 111,206.16
	Previous Amount Invoiced:	\$ 4,477,281.00
	Amount Invoiced for MCC Incident (separate invoice):	\$ -
	Total Invoiced To-Date	\$ 4,588,487.16
	Original Contract Task Total:	\$ 4,198,380.00
	Additional Budget-Task 5:	\$ 284,076.60
	Additional Budget-Task 5a:	\$ 1,513,301.00
	Additional Budget-Task 6:	\$ 220,326.00
	Current Contract Task Total:	\$ 6,216,083.60
	Amount Remaining:	<u>\$ 1,627,596.44</u>

JTB 8/10/2023

SR



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

Invoice: 1333069
Date: 07/13/2023
Client: 58434
Matter: 424741

82912-6010101-149030-731073-5113-v#2788

Matter Name: GLWA Model Wastewater Contract

A handwritten signature in black ink, appearing to be 'J. B.' or similar.

8/10/2023

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH JUNE 30, 2023

Total Fees:	\$	1,107.00
Total Due This Invoice:	\$	1,107.00

SR



JD Brun

8/10/2023

84917 - 6010101 - 149015 - 731073 - 2603 -
1-3308 LEGAL_FINANCE- Ch.21 v#4716 -
li#24138 -exp. 12/31/23

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

Invoice: 1333071
Date: 07/13/2023
Client: 58434
Matter: 404547

Matter Name: Northeast Interceptor East Arm Improvements

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH JUNE 30, 2023

Total Fees:	\$	189.00
Total Due This Invoice:	\$	189.00

CSM Mechanical, LLC

1235 Holden Ave.
Milford, MI 48381

Phone # (248) 302-2078
Fax # (248) 856-2370

Invoice

Date	Invoice #
5/1/2023	23-264

Bill To	
OMIDD One Public Works Drive Building 95 West Waterford, MI 48328	

Ship To
OMIDD 11010 E. State Fair St. Detroit, MI

Jul Br

8/10/2023

**82912 - 6010101 -149090- 730660 -
5817 - Ch. 21- V#15750 li#44348 exp.**

P.O. Number	Terms	Due Date
	Net 60	6/30/2023

Description	Amount
Tubing was plugged on the differential press gauge - Cleaned and Reinstalled Labor	220.00
Vehicle/Tool Allowance	85.00
TM-7-10-23	
	Total \$305.00
WE ACCEPT MASTER CARD, VISA, AND DISCOVER CARD	Payments/Credits \$0.00
	Balance Due \$305.00



82912-149667-730373 -6007- ch. 21 - v#
753 - exp 3/1/23

Invoice 8960-NESPS

08/01/23

30836 W 8 Mile

Farmington Hills MI 48336

8/10/2023 JTB

Oakland County WRC / OMID

95 West- One Public Dr

Waterfor MI 48328

TO: OMIDDD : Joel Brown

1001 E State Fair : NESPS. Water Main Upgrade.

DESCRIPTION OF WORK COMPLETED 7/27/23					Qty.	Unit	HRS	Rate	Total Per Line
WRC OMID / D'Angelo Change Order #2									
1	Mobilization / Demobilization	1	LS	-	\$	12,500.00	\$	12,500.00	
2	Demo Existing Water Main	1	LS	-	\$	7,000.00	\$	7,000.00	
3	Demo Existing Driveway	1	LS	-	\$	8,600.00	\$	8,600.00	
4	Furnish & Install 8" Water Main	476	LF	-	\$	236.00	\$	112,336.00	
5	Install Relocated Hydrants	2	EA	-	\$	6,000.00	\$	12,000.00	
6	Furnish & Install Valve @ Trailer Location / Tap	1	LS	-	\$	5,000.00	\$	5,000.00	
7	Furnish & Install Gate Valves & Wells	4	EA	-	\$	8,825.00	\$	35,300.00	
8	Testing & Disinfection	1	LS	-	\$	4,500.00	\$	4,500.00	
9	SESC & Site Restoration	1	LS	-	\$	12,888.00	\$	12,888.00	
Base Contract Total								\$ 210,124.00	
Extras / Added Costs									
	Furnish & Install 8" Water Main	1	LF	-	\$	236.00	\$	236.00	
	Furnish & Install 8" Fast Grip Bell Lock Rubbers	1	LSx15%	-	\$	3,710.00	\$	4,266.50	
	Furnish & Install (2) EJ Hydrant Extensions	1	LSx15%	-	\$	836.34	\$	961.79	
	Water Tap Line Stops	1	LSx10%	-	\$	10,040.00	\$	11,044.00	
10 Hours Downtime / Added time With Installing Line Stops									
	Service Truck	2	HR	10	\$	35.00	\$	700.00	
	325 Excavator	1	HR	10	\$	115.00	\$	1,150.00	
	920 Loader	1	HR	10	\$	85.00	\$	850.00	
	Labor, Regular Time	4	HR	10	\$	60.00	\$	2,400.00	
	Operator / Foreman Regular Time	1	HR	10	\$	78.00	\$	780.00	
								\$	5,880.00
Total For Added Costs / Extras								\$ 22,388.29	
Overall Total									\$ 232,512.29

Vince D'Angelo (248) 515-1942

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

Invoice No. 231598

Date: 06/30/2023

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

82912 - 149130 - 730660 - 5819 - Ch. 21 - v#3091 - exp.
6/30/25 - li#42703

John R...

8/10/2023

Contract ID: 5819

HESCO Project: 2019807S OMID Flow Control Structures

Contact: Terry Moore

P.O.# WO# 906, CS-5

Salesperson: Kevin Livingston

Due Date: 07/30/2023

Description	Unit	Qty	Rate	Amount
6/8/2023 - RPreventative Maintenance and Hose Replacement				
Senior Tech	Hours	6.25	195.00	1,218.75
Tech 1	Hours	6.25	185.00	1,156.25
Tech 2	Hours	6.25	175.00	1,093.75
Hydraulic Oil, Rando HD 22	Gals	25.00	25.52	638.00
921999 Return Filter	Each	1.00	17.10	17.10
932612Q Pressure Filter	Each	1.00	69.51	69.51
36' Hydraulic Hose Assembly	Each	1.00	1,008.32	1,008.32

Notes:

Field Service Sheets Enclosed

TM-7-10-23

Non-Taxable Amount:	3,468.75
Taxable Amount:	1,732.93
Sales Tax:	0.00
Total Invoice	5,201.68
Payments/Credits:	0.00
Amount Due	5,201.68



Knowledgeable • Professional • Attentive • Likeable

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

Invoice No. 231599

Date: 06/30/2023

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

82912 - 149130 - 730660 - 5819 - Ch. 21 - v#3091 - exp.
6/30/25 - li#42703

8/10/2023

Contract ID: 5819

HESCO Project: 2019807S OMID Flow Control Structures

Contact: Terry Moore P.O.# WO# 908, CS-7 Salesperson: Kevin Livingston Due Date: 07/30/2023

Description	Unit	Qty	Rate	Amount
6/9/2023 - CS-7 Preventative Maintenance				
Senior Tech	Hours	7.50	195.00	1,462.50
Tech 1	Hours	7.50	185.00	1,387.50
Tech 2	Hours	8.75	175.00	1,531.25
Hydraulic Oil, Rando HD 22	Gals	25.00	25.52	638.00
921999 Return Filter	Each	1.00	17.10	17.10
932612Q Pressure Filter	Each	1.00	69.51	69.51

Notes:

Field Service Sheets Enclosed

Non-Taxable Amount:	4,381.25
Taxable Amount:	724.61
Sales Tax:	0.00
Total Invoice	5,105.86
Payments/Credits:	0.00
Amount Due	5,105.86



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

Invoice No. 231600

Date: 06/30/2023

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

82912 - 149130 - 730660 - 5819 - Ch. 21 - v#3091 - exp.
6/30/25 - li#42703

8/10/2023

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

Contact: Terry Moore P.O.# WO# 909, CS-8 Salesperson: Kevin Livingston Due Date: 07/30/2023

Description	Unit	Qty	Rate	Amount
6/10/2023 - CS-8 Preventative Maintenance				
Senior Tech	Hours	6.00	195.00	1,170.00
Tech 1	Hours	5.00	185.00	925.00
Tech 2	Hours	6.00	175.00	1,050.00
Hydraulic Oil, Rando HD 22	Gals	25.00	25.52	638.00
921999 Return Filter	Each	1.00	17.10	17.10
932612Q Pressure Filter	Each	1.00	69.51	69.51

Notes:

Field Service Sheets Enclosed

TM-7-10-23

Non-Taxable Amount:	3,145.00
Taxable Amount:	724.61
Sales Tax:	0.00
Total Invoice	3,869.61
Payments/Credits:	0.00
Amount Due	3,869.61



One KONE Court
Moline, IL 61265
Please do not send payments to this address

Maintenance Invoice

Invoice Date: 05/01/2023
Invoice Number: 871037730
Contract Number: 42174525
Purchase Order: 924

Customer Number: 13827636

Customer Billing Address:

OAKLAND MACOMB INTERCEPTOR DRAIN
DRAINAGE DISTRICT
1 PUBLIC WORKS DR BLDG 95 W
WATERFORD MI 48328

OAKLAND MACOMB INTERCEPTOR DRAIN
DRAINAGE DISTRICT
1 PUBLIC WORKS DR BLDG 95 W
WATERFORD MI 48328

82912-6010101-149090-730660-9724-Ch. 21 - exp
8/1/23

8/10/2023

Total

Maintenance Period: 05/01/2023 - 07/31/2023

NORTHEAST SANITARY SEWER PUMP, STATION, 11001 EAST STATE FAIR AVE, DETROIT, MI, 48234

Total

\$ 730.08

TM-8-1-23

Thank you for your business.

TO VIEW AND PAY ONLINE GO TO	https://kone.billtrust.com
USE THIS ENROLLMENT TOKEN	VDF MGW GLX
KONE invoice Account Number	13827636

Payment Terms: Net 30

Please Pay Before: 05/31/2023

Late Payment Interest: 1.5%

Payment Options - please reference this invoice number

Make Payments Online

ACH

Bank Name: CitiBank
ABA Routing: 021000089
Account Number: 30915201
Account Name: KONE Inc.

Mail Check

KONE
P.O. BOX 734874
CHICAGO, IL 60673-4874

KONE DETROIT U190
11864 BELDEN CT
LIVONIA, MI 48150-1459

Please do not send payments to this address

Telephone: +1 734-513-6944
www.KONE.us/billing

KONE Inc. TAX ID 36-2357423



One KONE Court
Moline, IL 61265
Please do not send payments to this address

Invoice Date: 04/25/2023
Invoice Number: 1158520815
Contract Number: 42174525
Purchase Order: 00878

Customer Number: 13827636

Customer Billing Address:

OAKLAND MACOMB INTERCEPTOR DRAIN
DRAINAGE DISTRICT
1 PUBLIC WORKS DR BLDG 95 W
WATERFORD MI 48328

OAKLAND MACOMB INTERCEPTOR DRAIN
DRAINAGE DISTRICT
1 PUBLIC WORKS DR BLDG 95 W
WATERFORD MI 48328

82912-6010101-149090-730660-9724-Ch. 21 - exp
8/1/23

JTB 8/10/2023

While visiting your site on 4/18/2023 our technician determined that additional work was needed for PASSENGER ELEVATOR. We arrived at 7:00 AM. KONE Performed City Regulated Inspection. This service is outside the scope of KONE Service Agreement, and are thus 100% billable.

Equipment: PASSENGER ELEVATOR
Equipment No: 44490178
Equipment Address: NORTHEAST SANITARY SEWER PUMP
STATION
11001 EAST STATE FAIR AVE
DETROIT MI 48234
Service Order: 9AUS15536929
Completion Date: 04/18/2023

	Net Value	Total
LABOR	\$ 1,147.93	\$ 1,147.93
Total		\$ 1,147.93

TM-7-10-23

Thank you for your business.

TO VIEW AND PAY ONLINE GO TO	https://kone.billtrust.com
USE THIS ENROLLMENT TOKEN	VDF MGW GLX
KONE invoice Account Number	13827636

Payment Terms: Net 30

Please Pay Before: 05/25/2023

Late Payment Interest: 1.5%

Payment Options - please reference this invoice number

Make Payments Online

ACH

Bank Name: CitiBank
ABA Routing: 021000089
Account Number: 30915201
Account Name: KONE Inc.

Mail Check

KONE
P.O. BOX 734874
CHICAGO, IL 60673-4874

KONE DETROIT U190
11864 BELDEN CT
LIVONIA, MI 48150-1459

Telephone: +1 734-513-6944
www.KONE.us/billing

KONE Inc. TAX ID 36-2357423

Please do not send payments to this address



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

INVOICE NO. 1811-55

DATE: August 1, 2023

METCO PROJECT NO. 1811

INVOICE PERIOD: 07/03 thru 07/30/2023

Contract ID 00000000000000000005517

Vendor ID 0000020486

TO: OMIDD

Water Resources Commissioner

One Public Works Drive

Waterford, MI 48328

Attn: Mr. Sid Lockhart, PE

Deputy Chief Engineer/Special Projects Manager

TITLE: OMID & NESPS Operation and Maintenance

Operational Plan

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

JTB 8/10/2023

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 215.00	\$ -
Terry Moore	Operations Manager	32.0	\$ 145.00	\$ 4,640.00
Terry Moore	Operations Manager (Overtime)	0.0	\$ 195.00	\$ -
Darrin Green	Staff Engineer	32.0	\$ 90.00	\$ 2,880.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 135.00	\$ -
Anthony Vozza	Staff Engineer	49.0	\$ 90.00	\$ 4,410.00
Anthony Vozza	Staff Engineer-(Overtime)	7.5	\$ 135.00	\$ 1,012.50
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -
Subtotal OMID Operatons:			\$	12,942.50

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

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 215.00	\$ 1,720.00
Terry Moore	Operations Manager	31.0	\$ 145.00	\$ 4,495.00
Terry Moore	Operations Manager (Overtime)	16.0	\$ 195.00	\$ 3,120.00
Darrin Green	Staff Engineer	33.0	\$ 90.00	\$ 2,970.00
Darrin Green	Staff Engineer-(Overtime)	2.5	\$ 135.00	\$ 337.50
Anthony Vozza	Staff Engineer	1.0	\$ 90.00	\$ 90.00
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 135.00	\$ -
Rosana Santos	Administrative Assoc.	4.0	\$ 73.79	\$ 295.16
Subtotal NEPS Operations			\$	13,027.66

JTB 8/10/2023

Subtotal Operations \$ 25,970.16

Maintenance & Asset Management

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

JTB 8/10/2023

Name	Title	Hrs.	Rate/Hr.	Amount
Terry Moore	Operations Manager	31.0	\$ 145.00	\$ 4,495.00
Terry Moore	Operations Manager (Overtime)	4.0	\$ 195.00	\$ 780.00
Anthony Vozza	Staff Engineer	0.0	\$ 90.00	\$ -
Darrin Green	Staff Engineer	1.0	\$ 90.00	\$ 90.00
Subtotal OMID Maintenance:			\$	5,365.00

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

JTB 8/10/2023

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 215.00	\$ 1,720.00
Terry Moore	Operations Manager	31.0	\$ 145.00	\$ 4,495.00
Terry Moore	Operations Manager (Overtime)	2.0	\$ 195.00	\$ 390.00
Daniel Martel	Sr. Project Coordinator	0.0	\$ 145.00	\$ -
Sean Grant	Sr. Project Engineer	0.0	\$ 145.00	\$ -
Travis Ford	Sr. Project Engineer	0.0	\$ 145.00	\$ -
Shailesh Patel	Sr. Project Engineer	0.0	\$ 145.00	\$ -
Darrin Green	Staff Engineer	42.0	\$ 90.00	\$ 3,780.00

Darrin Green	Staff Engineer-(Overtime)	23.5	\$	135.00	\$	3,172.50
Anthony Vozza	Staff Engineer	57.0	\$	90.00	\$	5,130.00
Anthony Vozza	Staff Engineer-(Overtime)	14.0	\$	135.00	\$	1,890.00
Brandon Brochue	Designer/Drafter	0.0	\$	85.00	\$	-
Subtotal:					\$	20,577.50
Maintenance Services (see attached invoices):					\$	468.33
Subtotal NEPS Maintenance:					\$	21,045.83
Subtotal Maintenance:					\$	26,410.83

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

JTB 8/10/2023

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 215.00	\$ -
Terry Moore	Operations Manager	0.0	\$ 145.00	\$ -
Terry Moore	Operations Manager (Overtime)	0.0	\$ 195.00	\$ -
Sean Grant	Sr. Project Engineer	14.0	\$ 145.00	\$ 2,030.00
Darrin Green	Staff Engineer	0.0	\$ 90.00	\$ -
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 135.00	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 90.00	\$ -
Abhishek Shah	Staff Engineer	120.0	\$ 90.00	\$ 10,800.00
Brandon Brochue	Designer/Drafter	0.0	\$ 85.00	\$ -
Subtotal Maintenance:				\$ 12,830.00

Task 12.0 - As-Needed Services

Additional General/Excess Liability Insurance Fee:	\$	-
Subtotal 12.0:	\$	-

TOTAL AMOUNT DUE THIS INVOICE: \$ 65,210.99

**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
5469

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
923567	0	001	5/2/2023	5/30/2023	95170

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	T&MNESP 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 SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK ORDER NO. 00962

WORK COMPLETED 5/2/2023

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

JL Bm

8/10/2023

TM-7-10-23

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 5, 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
5469

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
923567	0	001	6/28/2023	6/28/2023	95204

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	T&MNESP SCADA	\$1,125.00	-	\$1,125.00	\$1,125.00	-	-
Totals:		\$1,125.00		\$1,125.00	\$1,125.00		
Less Retained:				-			
Invoice Total:				\$1,125.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICES

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORTS

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

WORK PERFORMED 2/2, 2/3, 2/22,3/22,5/26,6/5,6/6/23

JD Ben 8/10/2023

TM-7-10-23

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."



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

[Signature]

8/10/2023

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

Invoice # : 633483
Project : 61-190078
Invoice Group : NI-EA
Invoice Date : 8/2/2023

Attention: Sid Lockhart

For Professional Services Rendered from **6/24/2023 - 7/21/2023**

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

Task 01	Project Management	\$276,159.00
Task 02	Condition Assessment	\$241,609.00
Task 03	Subsurface Utility Engineering	\$65,579.00
Task 04	Basemap Survey	\$89,327.00
Task 05	Geotechnical Investigation	\$134,797.00
Task 05A	7-Mile Utility Exploration/Design	\$0.00
Task 05B	Additional Geotech for PCI-4 Shaft	\$0.00
Task 06	Environmental Study	\$60,642.00
Task 07	Basis of Design	\$379,785.00
Task 08	Rehabilitation Design	\$282,099.00
Task 09	Contract Drawings	\$235,070.00
Task 10	Contract Specifications	\$188,178.00
Task 11	Construction Costs	\$27,761.00
Task 12	Permits & Coordination	\$25,655.00
Task 13	Bidding Assistance	\$198,402.00
Task 14	Gate Automation	\$68,770.00
Task 15	Odor & Air Flow Study	\$103,470.00

Preliminary Budget Amount **\$2,377,303.00**
Percent Complete: 100.00%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 5,953.66	\$ 354,213.70
Overhead %	188.00 <u>11,192.88</u>	<u>665,921.79</u>
Total Regular Labor Expense	17,146.54	1,020,135.49
Total Direct Labor	17,146.54	1,018,514.32
Profit / Fixed Fee %	12.00 2,057.58	122,416.23
Direct Expenses Charge	213.68	30,846.85
Expense Multiplier %	5.00 10.68	1,542.38
Direct Subcontractor Charge	0.00	1,134,236.95
Subcontractor/Subconsultant Multiplier %	6.00 0.00	68,054.35
Total Other Direct Charges Reimbursables	<u>224.36</u>	<u>1,234,680.53</u>
Total Costs:	<u>19,428.48</u>	<u>2,377,232.25</u>
Total Due This Invoice	<u>\$ 19,428.48</u>	<u>\$ 2,377,232.25</u>



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

JTB 8/10/2023

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

Invoice # : 633484
Project : 61-200186
Invoice Group : **
Invoice Date : 8/2/2023

Attentior Sid Lockhart

For Professional Services Rendered from 5/25/2023 - 7/21/2023

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

Task 01	NI-EA OMID Contract No. 1 CCA	\$2,686,262.53
Task 02	OMID CS-9 Gate CCA	\$287,699.47
	Preliminary Budget Amount	\$2,973,962.00
	Percent Complete:	88.42%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	42,321.76	\$ 604,890.12
Overhead %	188.00	79,564.91	1,137,193.44
Total Regular Labor Expense		121,886.67	1,742,083.56
Total Direct Labor		121,886.67	1,742,083.56
Profit / Fixed Fee %	12.00	14,626.40	209,050.05
Direct Expenses Charge		6,263.63	53,442.51
Expense Multiplier %	5.00	313.19	2,672.12
Direct Subcontractor Charge		9,497.28	587,231.52
Subcontractor/Subconsultant Multiplier %	6.00	569.84	35,233.97
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		16,643.94	678,580.12
Total Costs:		153,157.01	2,629,713.73
Total Due This Invoice		\$ 153,157.01	\$ 2,629,713.73



NTH Consultants, Ltd.
Infrastructure Engineering
and Environmental Services

**84917-6010101-149015-731458-2603- 1-3309- ch. 21 - engcon v#
4716 - li # 24138 - exp. 12/31/23**

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

John R...

8/10/2023

Invoice # : 633485
Project : 61-200280
Invoice Group : CMT
Invoice Date : 8/2/2023

Attention: Sid Lockhart

For Professional Services Rendered from **6/24/2023 - 7/21/2023**

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

Task 01	CMT Services	\$130,138.00
Task 02	Tnemec Coating Observation	\$0.00
	Preliminary Budget Amount	\$130,138.00
	Percent Complete:	98.85%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	1,563.96	\$ 34,049.94
Overhead %	188.00	2,940.24	64,013.91
Total Regular Labor Expense		4,504.20	98,063.85
Total Direct Labor		4,504.20	98,063.85
Profit / Fixed Fee %	12.00	540.50	11,767.66
Direct Expenses Charge		1,384.76	17,900.65
Expense Multiplier %	5.00	69.24	895.03
Direct Subcontractor Charge		0.00	10.00
Subcontractor/Subconsultant Multiplier %	6.00	0.00	0.60
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		1,454.00	18,806.28
Total Costs:		6,498.70	128,637.79
Total Due This Invoice		\$ 6,498.70	\$ 128,637.78



NTH Consultants, Ltd.
Infrastructure Engineering
and Environmental Services

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

Invoice # : 633486
Project : 61210495
Invoice Group :
Invoice Date : 8/2/2023

Attention: Sid Lockhart

For Professional Services Rendered from 3/25/2023 - 7/21/2023

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

John R...

8/10/2023

Additional OMID NESPS Maintenance Engineering Services

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

Preliminary Budget Amount	\$98,017.00
Percent Complete:	91.79%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 1,588.52	\$ 21,009.29
Overhead %	188.00	2,986.42	39,497.47
Total Regular Labor Expense		4,574.94	60,506.76
Total Direct Labor		4,574.94	60,506.76
Profit / Fixed Fee %	12.00	548.99	7,260.81
Direct Expenses Charge		28.57	523.60
Expense Multiplier %	5.00	1.43	26.19
Direct Subcontractor Charge		1,856.20	20,429.50
Subcontractor/Subconsultant Multiplier %	6.00	111.37	1,225.78
Total Other Direct Charges Reimbursables		1,997.57	22,205.07
Total Costs:		7,121.50	89,972.64
Total Due This Invoice		\$ 7,121.50	\$ 89,972.64

BILL TO

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

82912-6010101-149090-730660-5821 - CH. 21

JP Ben

8/10/2023

INVOICE
80970509

INVOICE DATE
Jun 13, 2023

JOB ADDRESS

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

Completed Date: 6/13/2023

Customer PO: 00951

Payment Term: NET 30

Due Date: 7/13/2023

DESCRIPTION OF WORK

WO#00951

Monthly Inspection

Perform Secondary Inspection on generator and transfer switch(es).

Update on-site maintenance log (as applicable)

**excludes live transfer test

TM-7-10-23

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Monthly Inspections	Monthly Inspection	1.00	\$1,050.00	\$1,050.00

Perform Secondary Inspection on generator and transfer switch(es).

Update on-site maintenance log (as applicable)

**excludes live transfer test

SUB-TOTAL \$1,050.00

TOTAL DUE \$1,050.00

BALANCE DUE \$1,050.00

Thank you for choosing PM Technologies

Invoice #80970509

Page 1 of 1



PMA Consultants

226 W. Liberty Street • Ann Arbor, MI 48104

Tel: 734.769.0530 • Fax: 734.663.9561

Oakland County Water Resources Commissioner
Attn: Sid Lockhard, P.E.
One Public Works Drive
Building 95-West
Waterford 48328

July 19, 2023

Invoice No: 03559.01 - 37

84917 - 6010101 - 149015 - 731458- 6096- 1-3308 - ch21 - engcon - v#16918
- exp. 5/29/23

8/10/2023

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

Professional Services from June 1, 2023 to June 30, 2023

Task 1.0 Oakland-Macomb Interceptor Drainage 2020

Professional Personnel

	Hours	Rate	Amount
Zann, John	58.00	110.00	6,380.00
Totals	58.00		6,380.00
Total Labor			6,380.00

Additional Fees

Overhead	149.10 % of 6,380.00		9,512.58
Profit	10.00 % of 15,892.58		1,589.26
Total Additional Fees			11,101.84

Total this Task \$17,481.84

Billing Limits

	Current	Prior	To-Date
Total Billings	17,481.84	435,769.06	453,250.90
Limit			880,000.00
Remaining			426,749.10

Total this Invoice \$17,481.84

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

Agenda Item No. 11

Other Business

Agenda Item No. 12

Adjourn