

## **AGENDA**

### **Oakland-Macomb Interceptor Drain Drainage Board** Macomb and Oakland Counties

**July 21, 2021 – 11:30 a.m.**

Office of the Macomb County Public Works Commissioner  
and Google Meet

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 July 21, 2021
3. Motion to approve the Drainage District Board Meeting Minutes from June 16, 2021
4. Public Comment
5. Motion to approve the following Change Order:
  - a) Walsh Construction Change Order No. 13 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$202,705.55
  - b) Walsh Construction Changer Order No. 2 for Control Structure 9 Gate Installation for a net increase in the amount of \$30,402.07
  - c) CSM Mechanical Final Change Order No. 10 for the NESPS Odor/Corrosion Control for a net increase in the amount of \$75,407.80
  - d) Marra Services Change Order No. 1 for NIEA OMID C-1 for a net increase in the amount of \$664,392
6. Motion to approve the following Construction Estimates:
  - a) Construction Estimate No. 9 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$1,814,769.43 with a transfer to the Oakland County Treasurer in the amount of \$201,641.05
  - b) Construction Estimate No. 7 for Walsh Construction for CS-9 Gate Installation in the amount of \$803,263.63 with a transfer to the Oakland County Treasurer in the amount of \$88,851.51
  - c) Construction Estimate No. 4 for Marra Services for NIEA Contract No. One in the amount of \$259,699.95 with a transfer to the Oakland County Treasurer in the amount of \$28,855.55
7. Report/Update – Status of OMID Repairs Project

8. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing
9. Motion to approve the following invoices:
- a) Reimbursement of Oakland County WRC-Incurred Expenses and Costs
    - 1) Labor/Fringes/Non-Direct Labor Factor
      - Segment 4 \$ 1,723.52
      - Segment 4 NESPS Odor Corrosion Study \$ 398.83
      - Segment 5 NI-EA Construction \$ 12,522.41
      - Segment 5 NESPS Mech./Elect. Construction \$ 26,859.35
    - 2) Equipment Charges
      - Segment 4 \$ 87.68
      - Segment 4 NESPS Odor Corrosion Study \$ 10.47
      - Segment 5 NI-EA Construction \$ 528.80
      - Segment 5 NESPS Mech./Elect. Construction \$ 2,174.67
    - 3) Mileage
      - Segment 4 \$ 212.80
    - 4) Reimbursement
      - Macomb Invoice No. ARP210156 \$ 19,356.40
  - b) ASI, Inc.
    - 1) Invoice No. 28 NESPS \$ 73,673.60
    - 2) Invoice No. 29 NESPS \$ 87,793.39
  - c) CH2M
    - 1) Invoice No. 28 Seg. 4 \$ 16,014.62
    - 2) Invoice No. 30 Seg. 4 \$ 5,012.29
  - d) Clark Hill
    - 1) Invoice No. 1103585 O&M \$ 270.00
    - 2) Invoice No. 1103592 O&M \$ 8,532.00
  - e) CSM Mechanical, LLC
    - 1) Invoice No. 21OMIDD003 O&M \$ 2,989.52
    - 2) Invoice No. 21OMIDD008 O&M \$ 817.26
  - f) Dickinson Wright
    - 1) Invoice No. 1564575 O&M \$ 37.50
    - 2) Invoice No. 1591548 O&M \$ 2,437.50
  - g) GLWA
    - Service Date 6/22/2021 Seg. 5 \$ 266.00
  - h) METCO
    - Invoice No. 1811-30 O&M \$ 96,763.64
  - i) Motor City Electric Technologies Inc.
    - 1) Invoice No. 93357 O&M \$ 392.13
    - 2) Invoice No. 93358 O&M \$ 462.00
    - 3) Invoice No. 93359 O&M \$ 593.37
    - 4) Invoice No. 93360 O&M \$ 154.00
    - 5) Invoice No. 93504 O&M \$ 269.50
    - 6) Invoice No. 93506 O&M \$ 2,236.70
    - 7) Invoice No. 93507 O&M \$ 308.00
    - 8) Invoice No. 93508 O&M \$ 799.01
    - 9) Invoice No. 93509 O&M \$ 77.00
    - 10) Invoice No. 93510 O&M \$ 308.00
    - 11) Invoice No. 93511 O&M \$ 1,851.90
    - 12) Invoice No. 93512 O&M \$ 1,337.58

	13)	Invoice No. 93513	O&M	\$	269.50
	14)	Invoice No. 93514	O&M	\$	154.00
j)		NTH Consultants, Ltd			
	1)	Consulting Services 2021 OMID Inspection Invoice No. 1	O&M	\$	1,939.97
	2)	Contract No. 1 PCI-4 Invoice No. 7	NI-EA	\$	146,585.29
	3)	Eng./Consult. Services NESPS CMT Invoice No. 9	O&M	\$	9,607.55
	4)	NESPS Safety Manual and Crane Support Invoice No. 11	O&M	\$	1,946.13
	5)	NI-EA – Engineering Design Services Rehabilitation of NI-EA Sections PCI-4 Invoice No. 25	NI-EA	\$	25,584.85
	6)	Repairs – OMID System Immediate Repairs Invoice No. 29	OIR	\$	2,805.93
k)		PM Technologies			
	1)	Invoice No. 144058	O&M	\$	26,605.80
	2)	Invoice No. 150870	O&M	\$	1,277.50
	3)	Invoice No. 151902	O&M	\$	300.00
	4)	Invoice No. 153043	O&M	\$	4,227.64
	5)	Invoice No. 153406	O&M	\$	44,959.00
	6)	Invoice No. 153840	O&M	\$	817.50
	7)	Invoice No. 153841	O&M	\$	1,248.75
	8)	Invoice No. 154143	O&M	\$	1,440.00
l)		PMA Consultants			
	1)	Invoice No. 3559.01-12	NESPS	\$	8,242.22
	2)	Invoice No. 3559.01-13	NESPS	\$	11,848.19

10. Request for Proposal for OMIDDD Emergency Bypass Pumping Services

11. Other Business

12. Adjourn

Next Regular Meeting: August 18, 2021 11:30 a.m., Eastern Time. Due to the ongoing COVID-19 pandemic, the location and manner of the next meeting has yet to be determined.

## **Agenda Item No. 3**

Board Meeting Minutes from June 16, 2021



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

June 16, 2021

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held via GoToMeeting on the 16<sup>th</sup> day of June at 11:30 a.m. Eastern Time. Due to the COVID-19 pandemic, the meeting was conducted electronically via GoToMeeting in accordance with PA 254 of 2020, as may be amended from time to time and/or as otherwise provided by law.

**PRESENT:**

Michael Gregg, Chairperson and Deputy for Gary McDowell, Director of the Michigan Department of Agriculture and Rural Development; Candice Miller, Member and Macomb County Public Works Commissioner; and Jim Nash, Secretary and Oakland County Water Resources Commissioner.

**OTHERS PRESENT:**

Representing the office of the Macomb County Public Works Commissioner: Brian Baker and Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Anne Vaara, Steven Korth, Joel Brown, Sid Lockhart, Kelsey Cooke, Brian Coburn, Evans Bantios, Raphael Chirolla, Sara Rubino and Megan Koss. Others in attendance: Fritz Klingler, FK Engineering; Shawn Phelps and Jeff Ragle, OC Fiscal Services; Brady Harrington, MDARD; Larry Gilbert, NTH Consultants; Terry Moore, Metco; John Michalski, ASI; Sal Saputo and Jim Kelly, Meadowbrook Insurance.

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 11:31 a.m. and noted the meeting was being held electronically in accordance with PA 254 of 2020, per the state of emergency declared by Waterford Township, Michigan. In compliance with the aforementioned, Chairperson Gregg indicated he was participating from Mason, Michigan, Commissioner Miller indicated she was participating from Clinton Township, Michigan and Commissioner Nash indicated he was participating from Farmington Hills, Michigan.

2. Agenda.

Motion by Miller, supported by Nash, to approve the June 16, 2021 agenda as presented.

**ROLL CALL VOTE:**

GREG:        AYE  
MILLER:      AYE  
NASH:        AYE

3. Minutes.

Motion by Nash, supported by Miller, to approve the minutes of the May 19, 2021 meeting.

**ROLL CALL VOTE:**

GREG:        AYE  
MILLER:      AYE  
NASH:        AYE

4. Public Comment.

None.

5. Meadowbrook Insurance Group NESPS/NIEA Property and Pollution Liability Property Renewals.

Mr. Saputo presented to the Board a very thorough overview of both the property and pollution liability renewals for NESPS & NIEA. He noted Meadowbrook had engaged in renewal negotiations with Chubb but also approached other markets. He indicated that the insurable value increased, as well as the premium. Despite the premium increase, both Mr. Saputo and Mr. Kelly were pleased with the rate. Mr. Saputo also recommended a two-year, no obligation policy option, therein guaranteeing only a 5% rate increase the second year.

Motion by Miller, supported by Nash, to approve the recommended two-year insurance policies, authorize the Chairperson to execute any necessary documents to bind coverage and approve the premium invoices as presented.

ROLL CALL VOTE:

GREG: AYE

MILLER: AYE

NASH: AYE

6. GLWA Resolution Regarding Second Tier Customers

Mr. Coburn presented to the Board a Resolution allowing the Drainage District to delegate review and approval of the *Authorization to Bill End User for Pollutant Surcharge* to each of the customer systems served by the Drainage District.

Motion by Miller, supported by Nash, to approve Resolution 2021-02 to delegate review and approval of the *Authorization to Bill End User for Pollutant Surcharge* form to the respective counties in which the retail customer is located as presented.

ROLL CALL VOTE:

GREG: AYE

MILLER: AYE

NASH: AYE

7. Budget Increase Request for OMID Immediate Repairs.

Mr. Bantios indicated to the Board that the final cost to clean the Northeast Sewage Pumping Station wet well was significantly higher than the original estimate. Accordingly, a project budget increase to account for the difference was requested.

Motion by Miller, supported by Nash, to approve the revised project budget for the OMID Immediate Repair Project for a not-to-exceed amount of \$2,188,000 as presented.

ROLL CALL VOTE:

GREG: AYE

MILLER: AYE

NASH: AYE

8. Engineering Work Order.

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

- a) Motor City Electric Technologies to Extend Contract #5469, Adjust Rate Compensation and Establish As-Needed General Services Scope. Motion by Nash, supported by Miller, to approve the Engineering Work Order as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

9. Change Order.

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

- a) Walsh Construction Change Order No. 12 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$214,548.60. Motion by Miller, supported by Nash, to approve the Change Order as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

10. Construction Pay Estimates.

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

- a) Construction Estimate No. 8 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$1,446,702.65 with a transfer to reserves with the Oakland County Treasurer in the amount of \$160,744.74. Motion by Miller, supported by Nash, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

- b) Construction Estimate No. 6 for Walsh Construction for CS-9 Gate Installation in the amount of \$809,008.65 with a transfer to the Oakland County Treasurer in the amount of \$89,889.85. Motion by Nash, supported by Miller, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

- c) Construction Estimate No. 3 for Marra Services for NIEA Contract No. One in the amount of \$539,637.75 with a transfer to the Oakland County Treasurer in the amount of \$59,959.75. Motion by Nash, supported by Miller, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

11. 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 Miller, supported by Nash, to receive and file the report and summary.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

12. Financial Reports.  
Shawn Phelps of OC Fiscal Services presented the financial reports for Segments 1 through 5 and the NESPS. Motion by Nash, supported by Miller, to receive and file the financial reports.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

13. Invoices.

The following invoices were submitted to the Board for approval:

- a) Reimbursement of Oakland County WRC-Incurred Expenses and Costs

- 1) Labor/Fringes/Non-Direct Labor Factor

• Segment 4	\$	7,324.96
• Segment 4 NESPS Odor Corrosion Study	\$	1,367.41
• Segment 5 NI-EA Construction	\$	6,282.10
• Segment 5 NESPS Mech./Elect. Construction	\$	22,504.92

- 2) Equipment Charges

• Segment 4	\$	372.64
• Segment 4 NESPS Odor Corrosion Study	\$	35.89
• Segment 5 NI-EA Construction	\$	229.14
• Segment 5 NESPS Mech./Elect. Construction	\$	2,037.26

- 3) Mileage

• Segment 4	\$	896.00
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- b) CH2M

Invoice No. 29	Seg. 4	\$	7,686.11
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- c) Clark Hill

	Invoice No. 1092340	O&M	\$	216.00
d)	Dickinson Wright			
	1) Invoice No. 1571540	O&M	\$	7,680.20
	2) Invoice No. 1580707	O&M	\$	187.50
e)	GLWA			
	Service Date 2021-05-07	Seg. 5	\$	133.00
f)	Hesco			
	1) Invoice No. 202112871	O&M	\$	3,755.00
	2) Invoice No. 202112905	O&M	\$	2,978.75
	3) Invoice No. 202112933	O&M	\$	2,600.00
	4) Invoice No. 202112934	O&M	\$	2,812.50
g)	Jacobs			
	Invoice No. 31	Seg. 3	\$	35,354.19
h)	Kotz Sangster			
	Invoice No. 490395	O&M	\$	2,068.00
i)	Meadowbrook Insurance Group			
	1) Invoice No. 4900	O&M	\$	125,000.00
	2) Invoice No. 5518	O&M	\$	56,865.00
j)	METCO			
	Invoice No. 1811-29	O&M	\$	96,560.46
k)	Motor City Electric Technologies Inc.			
	1) Invoice No. 93682	O&M	\$	773.93
	2) Invoice No. 93683	O&M	\$	154.00
	3) Invoice No. 93684	O&M	\$	192.50
	4) Invoice No. 93685	O&M	\$	508.28
l)	NTH Consultants, Ltd			
	1) Contract No. 1			
	Invoice No. 6	NI-EA	\$	91,604.66
	2) Eng./Consult. Services NESPS CMT			
	Invoice No. 8	O&M	\$	6,052.79
	3) NI-EA – Engineering Design Services Rehabilitation of NI-EA Sections PCI-4			
	Invoice No. 24	NI-EA	\$	29,419.81
	4) Repairs – OMID System Immediate Repairs			
	Invoice No. 28	OIR	\$	9,635.74
	5) NESPS CCA			
	Invoice No. 56	O&M	\$	4,196.80
m)	PM Technologies			
	1) Invoice No. 151902	O&M	\$	300.00
	2) Invoice No. 144058	O&M	\$	26,605.80
n)	PMA Consultants			
	Invoice No. 3559.01-11	NESPS	\$	7,727.08
o)	Rotor Electric Co.			
	1) Invoice No. 12427	O&M	\$	75,709.31
	2) Invoice No. 12428	O&M	\$	18,272.59

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

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE  
NASH: AYE

14. Location of Next Meeting.

The manner and location of the next meeting were discussed. It was indicated that Waterford Township's State of Emergency would be expiring at the end of June and that while currently still in effect, Clinton Township's State of Emergency would be revisited in the next few weeks. Considerations included conference room limitations for Oakland and Macomb, the fact that Macomb usually hosts all Chapter 21 Drain Board meetings for the remainder of the year starting in July and the ability to proceed fully in-person or in a hybrid capacity. After discussion, it was decided that the July meeting would take place in a hybrid capacity wherein Macomb will host the Board members and any public wishing to attend in person, while also broadcasting the meeting (providing for two-way communication) in real-time to employees, contractors and the public.

Motion by Miller, supported by Nash, to proceed with the July 21, 2021 meeting in a hybrid format with Macomb to host the Board members and members of the public in person, and allowing employees, contractors and the public to participate virtually.

ROLL CALL VOTE:

GREGG: AYE  
MILLER: AYE  
NASH: AYE

15. Other Business.

A potential site visit for September was discussed.

16. Adjourn.

Motion by Nash, supported by Miller, to adjourn the June 16, 2021 meeting at 1:11 p.m.

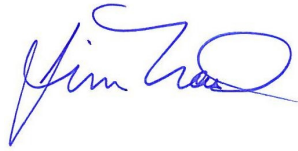
ROLL CALL VOTE:

GREGG: AYE  
MILLER: AYE  
NASH: AYE

Next Regular Meeting: July 21, 2021 at 11:30 a.m., Eastern Time. Due to the ongoing COVID-19 pandemic, the July meeting will be a hybrid format.

I hereby certify that the foregoing constitutes the minutes of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage Board, at a meeting held on June 16, 2021 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 21st day of June, 2021.



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Jim Nash, Secretary  
Oakland-Macomb Interceptor Drain Drainage Board

## **Agenda Item No. 4**

### **Public Comment**



## **Agenda Item No. 5**

### **Change Orders**

### CHANGE ORDER NO. THIRTEEN

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**  
**Walsh Construction Co. II, LLC**

**Authorization for:** 1.) Credit for deletion of roof overflow scupper collector boxes and downspouts; 2.) Compensation for alternative pipe coater for steel discharge pipe coating; 3.) Provide gypsum cover for foam building insulation at Electrical Building interior roof line perimeter; 4.) Provide Gypsum board and framework for joist fire barrier protection in Corridor No.1, in the proposed Electrical Building; 5.) Additional sitework required for preservation of NESPS Equipment Storage Wet Well Cleanout laydown area; 6.) Provide insulation for NESPS roof conductor piping system; 7.) Provide mechanical and electrical Labor and Material for Installation of Elevator Building Code Required "Smoke Purge " System.

Address:

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

Change Order No. 13 Date: July 09, 2021

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
13- #1	<b>-- Location--</b>  <b><u>Northeast Sewage Pumping Station</u></b> <b><u>Detroit, Wayne County, Michigan</u></b>					
	<b><u>DESCRIPTION (Change/ Delete):</u></b>  Provide credit to the project for the deletion of 3 ea. Overflow Scupper Collector boxes and 3 ea. down spouts for the collector boxes.  <b><u>REASON:</u></b>  Revisions to the roof details eliminated the need for these overflow details.  Attachment: Walsh Construction PCI No.970038	LS	1 ea.	(\$5,025.14)	-0-	(\$5,025.14)

**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 13**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
13- #2	<p><b><u>DESCRIPTION (Change/ Add):</u></b></p> <p>Provide compensation for the additional cost to the project related to the selection of an alternative specialty pipe coater to prepare and coat the interior surfaces of the fabricated steel discharge piping systems for Sewage Pumps # 1, 2, 3, 5, and 6; in lieu of in-house coating services provided by the steel pipe fabricator.</p> <p><b><u>REASON:</u></b></p> <p>Prior experience with the pipe fabricator, although exemplary for design and steel fabrication quality, has been suspect for specialized surfaced preparation and coating application work. In order to ensure a long lasting, quality coating system, an alternative supplier with identified qualifications was selected to provide the interior pipe coating. In addition, the alternative coater is located in Toledo, OH which allows for frequent in-shop inspection of the cleaning and coating tasks by an independent testing agency and/or Owner representative, for quality assurance purposes.</p> <p><i>Note: Negotiations are in progress for a credit due for the coating deletion from the pipe fabricators original quotation, and when finalized will be addressed in a subsequent Change Order.</i></p> <p>Attachment: Walsh Construction PCI No. 970078</p>	LS	1 ea.	\$ 79,860.28	\$ 79,860.28	-0-
13- #3	<p><b><u>DESCRIPTION (Extra/ Change):</u></b></p> <p>Provide gypsum board cover to protect exposed foam insulation at interior roof line of the proposed Electrical Building.</p>	LS	1 ea.	\$16,459.69	\$16,459.69	-0-

**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 13**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
13- #3	<p><b><u>REASON:</u></b></p> <p>The exposed condition of the building interior foam insulation indicated long term viability would be enhanced with the addition of a protective board to improve maintenance issues, general appearance, and protect the foam insulation from deterioration. The installation task will involve use of specialized gypsum board accessories and will require additional access scaffolding at stairwell areas.</p> <p>Attachment: Walsh Construction PCI No. 970074</p>					
13- #4	<p><b><u>DESCRIPTION (Extra/ Add):</u></b></p> <p>Provide gypsum board and support framework to preserve fire rating for exposed joists in Electrical Building Corridor No. One addition.</p> <p><b><u>REASON:</u></b></p> <p>The Corridor No. 1 area (leading from the new Electrical Building to the existing NESPS) and including the adjacent Control Room Wall exhibited exposed steel joist framework that required a gypsum board cover with framework to preserve the code fire rating of this area. (Options for spray-on fireproofing were considered but found less desirable.)</p> <p>Attachment: Walsh Construction PCI No. 970075</p>	LS	1 ea.	\$11,552.05	\$11,552.05	-0-
13- #5	<p><b><u>DESCRIPTION (Extra/ Add):</u></b></p> <p>Perform additional site grading to relocate and replace NESPS Equipment Storage and Wet Well Maintenance laydown area during construction activity.</p>	LS	1 ea.	\$6,332.31	\$6,332.31	-0-

**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 13**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
13- #5	<p><b><u>REASON:</u></b></p> <p>Construction of the NESPS stormwater drainage system, and in particular elements of the environmentally sensitive drainage swales, required temporary relocation of the site improvements previously constructed for both Wet Well Equipment storage and cleanout equipment laydown purposes.</p> <p>Once new drainage work was complete, the area was restored with re-grading and aggregate surfacing improvements.</p> <p>Attachment: Walsh Construction PCI # 970073</p>					
13- #6	<p><b><u>DESCRIPTION: (Change/ Add):</u></b></p> <p>Provide pipe insulation for exposed portions of roof conductor piping in main NESPS Motor Room floor area.</p> <p><b><u>REASON:</u></b></p> <p>In conjunction with roof replacement of the main NESPS building, a new roof conductor piping system was approved for this improvement. To ensure against the development of condensation forming on the exposed conductor piping with potential water "drip" damage to sensitive electrical equipment housed in the Motor Room, the exposed piping requires insulation wrap that will eliminate the condensation.</p> <p>Attachment: Walsh Construction PCI # 970075</p>	LS	1 ea.	\$ 4,318.83	\$ 4,318.83	-0-

**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 13**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
13- #7	<p><b><u>DESCRIPTION: (Extra/ Add):</u></b></p> <p>Provide Mechanical, Electrical, and Instrumentation services for installation of an automated smoke detection and ventilation system ("Smoke Purge System") in the dry well elevator shaft and machine room areas.</p> <p><b><u>REASON:</u></b></p> <p>Current improvements to the NESPS Dry Well personnel elevator have now necessitated other improvements required by City of Detroit Elevator Code Standards.</p> <p>The requirement for the elevator shaft-way and machine room to sense the presence of smoke in the atmosphere (indicating a potential fire or equipment malfunction) are provided by this advanced system that provides alarm and confined shaft ventilation functions, and also interacts with other NESPS building monitoring systems.</p> <p>Attachment: Walsh Construction PCI No. 970059, Rev. 1</p> <p align="center">*****</p> <p align="center"><b>End of Items for Change Order No. 13</b></p>	LS	1 ea.	\$ 89,207.53	\$89,207.53	-0-
					Amount Increase	Amount Decrease
Totals					\$207,730.69	(\$5,025.14)
Net Changes (Increase)					\$202,705.55	-----

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 13

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



Date: 7-08-21

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



Date: 7/14/2021

Approved By:  
Joel Brown, P.E.  
Project Manager, WRC



Date: 7/19/21

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



Date: 7/19/2021

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



Date: 7/19/2021

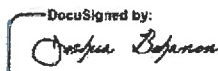
Approved by:  
Steve Korth, P.E.  
Manager, WRC

Date:

All of 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:

DocuSigned by:  
  
5B9F73D8AD9D445

Date Jul-16-2021 | 6:33 AM CDT

Title Vice President

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. 13 was approved by the Drainage Board on: Date:

**CHANGE ORDER NO. Nine; Control Structure 9- C.O. #2**  
**Oakland Macomb Interceptor Drain, Drainage District (OMIDDD)**  
**OMID PCI-5 Interceptor**  
**For Construction of the Control Structure 9 (CS-9) Gate Installation**  
**Located in the City of Warren, Macomb County, Michigan**

**Authorization for:**

- 1.) Conduit and Mechanical Piping Stainless Steel Support Upgrade
- 2.) Extended Operation of the Temporary Odor Control System

CONST.

MANAGER: **Walsh Construction Co. II, LLC**

Address: 3031 West Grand Blvd., Suite 640  
Detroit, MI 48202

Date: July 09, 2021

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
CS9 13-1	<p><b><u>LOCATION:</u></b></p> <p>CS-9 is located in the ITC Corridor, north of Ten Mile Rd. in the City of Warren, Macomb County, MI.</p> <hr/> <p><b><i>Commentary on Change Order Identification:</i></b></p> <p><i>While administratively a part of the overall Construction Manager at Risk agreement for the "Northeast Sewage Pumping Station, Pump &amp; Electrical Upgrades Project", changes to the Contract Cost and/ or Times specifically involving Control Structure 9 (CS-9) will typically be identified in this supplemental Change Order documentation.</i></p> <p><i>Procedurally, the CS-9 changes will be included in a "Change Order Appendage" with the main NESPS Pump &amp; Electrical Upgrades Project Change Orders and will be identified accordingly.</i></p> <p><i>The reason for this change order identification is primarily for purposes of accounting and payment application clarity.</i></p> <hr/> <p><b><u>DESCRIPTION (Extra/ Add):</u></b></p> <p>Provide supplementary mounting hardware for the support of electrical conduit and mechanical piping systems within</p>	1	LS	\$20,515.50	\$20,515.50	-0-



**OMID DD Control Structure 9 Gate Installation; C.O. # 2**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
13-1	<p>the Control Structure 9 interior using enhanced stainless steel Grade 316L fixtures.</p> <p><b><u>REASON:</u></b></p> <p>The mounting devices for support of the various mechanical and electrical components within the Control Shaft were installed using the typical Grade 304 stainless steel material. Observing the corrosive effects of the wastewater atmosphere in the control structure interior and recognizing the critical importance of long term reliability for the electrical and mechanical control systems, additional redundant supports were installed using the enhanced corrosion-resistant Grade 316L stainless steel. This work was accomplished while taking advantage of the structure precast concrete cover being removed thereby allowing safer and more productive access for the installation crews.</p> <p>Attachment: Walsh Construction Cost Summary No. PCI 970070, Rev.2</p>					
CS9 13-2	<p><b><u>DESCRIPTION (Extra/ Add):</u></b></p> <p>Provide reimbursement to the mechanical subcontractor for off-hour operation of the temporary odor control equipment to eliminate night time odor complaints from the adjacent residential neighborhood.</p> <p><b><u>REASON:</u></b></p> <p>The Control Structure 9 Contractor was required by Specification to design, install, and operate a comprehensive ventilation and carbon filter odor control system for use during normal work hours when the structure interior was open to the atmosphere and flow control management (stored flows) was in operation.</p> <p>However, when upstream stored flows were released during evening hours under normal system operations, substantial short term odors were released from the CS-9 structure despite shaft covers being installed. The intensity of the nuisance odor to the adjacent residents was significant enough to warrant a continuation of the odor control equipment into evening hours until interceptor flow conditions returned to normal.</p> <p>The extended operating time for the Contractor's odor mitigation system required additional manpower and equipment operational costs for the period in use.</p>	1	LS	\$9,886.57	\$9,886.57	-0-

**OMID DD Control Structure 9 Gate Installation; C.O. # 2**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
13-2	<p>This protocol proved to be successful in eliminating odor complaints, and the project has now achieved substantial completion where the problem is permanently resolved.</p> <p>Attachment: Walsh Construction PCI No.970066</p> <p align="center">*****</p> <p align="center"><b>End of Change Order Two, Control Structure 9</b></p>					
					Amount Increase	Amount Decrease
Totals					\$30,402.07	-0-
Net Changes : Add					\$30,402.07	-0-

**END OF CHANGE ORDER NO. CS9 – No. Two, ITEMIZED DESCRIPTIONS**

OMID DD Control Structure 9 Gate Installation; C.O. # 2

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

Date: 07-08-2021

Recommended By:  
Saju Sachidanandan, P.E.  
Engineer of Design, NTH Consultants, Ltd.

Date: July 14, 2021

Approved By:  
Joel Brown, P.E.  
Project Manager, WRC

Date: 7/19/21

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

Date: 7/19/2021

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

Date: 7/19/2021

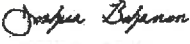
Approved by:  
Steve Korth, P.E.  
Manager, WRC

Date: \_\_\_\_\_

All of Contractor'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 Contractor agrees to do the work described above and agrees to accept Contract time adjustments in full on the basis indicated.

Accepted by:

DocuSigned by:  
  
588F73D8AD9D445

Date Jul-16-2021 | 6:33 AM CDT

Title Vice President

of: Walsh Construction Co. II, Inc.

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

This Change Order No. CS9 # 2 was approved by the Drainage Board on: Date: \_\_\_\_\_

**CHANGE ORDER NO. TEN (Final)**

Oakland Macomb Interceptor Drain, Drainage Board (OMIDDD)

For Construction of the Odor/ Corrosion Control Facility Project,  
Northeast Sewage Pumping Station (NESPS)

Located in the City of Detroit, Wayne County, Michigan

CONTRACTOR: CSM Mechanical, LLC

**Authorization for:**

1.) Adjustment to Contract Time for revised date of Final Completion; 2.) Provide a balancing adjustment for the BioAir Sales Tax liability allowance; 3.) Compensation for additional Wet Well "Ductsox" makeup air duct rehabilitation.

Address: 7400 Hickory Valley Drive  
Fenton, MI 48430

Change Order No.: 10 Date: July 09, 2021

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
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10-1	<b>LOCATION:</b>  The Northeast Sewage Pumping Station, Detroit, Wayne County, Michigan  "Odor/ Corrosion Control Project"  <hr/> <b>DESCRIPTION (Change Time/ Add):</b>  Adjust the date of Final Completion of the Project from August 28, 2020 (as revised previously by Change Order No. Five) to July 30, 2021, which provides for an increase of 337 Calendar days.  <b>REASON:</b>  The date of Final Completion for the project is adjusted to reflect late additional Work added to the project near the end of the previously revised Final Completion date, and in addition to account for final operating efficiency adjustments to both the Bio-Trickling Filter and the NESPS HVAC system.	Day	337	N/A	337 Days	-0-
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**OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 10**

10-1	<p>Recognized also are the inadvertent delays attributable to the Covid 19 pandemic restrictions. Lastly, the contract time addresses the warranty work to the Wet Well ventilation system that included Work added to the Contract for system upgrades.</p> <p>This adjustment provides for an increase in Contract Time only, and neither includes nor establishes the basis for an adjustment to the Contract Value based on the extension of Time..</p>					
10-2	<p><b><u>DESCRIPTION (Balancing Allowance/Deduct):</u></b></p> <p>Provide a deductive adjustment for the State of Michigan Use Tax (6%) reimbursement to the Contractor to balance the final value of the use tax liability resulting from the BioAir Odorous Air Treatment equipment purchased directly by the Project Owner, as provided for in Change Order No. One, Item One.</p> <p><b><u>REASON:</u></b></p> <p>The BioAir equipment was purchased by the Owner under a sales tax exempt status allowed for municipalities. The Michigan tax liability then was transferred to the Contractor as a Michigan 6% Use Tax. Change Order # 1, Item 1 reimbursed the Contractor for this tax liability, and this balancing adjustment addresses the final purchase value of the equipment.</p> <p>Original BioAir Purchase Value: \$816,570.00 6% MI Use Tax Liability (CO 1-1) 48,994.20</p> <p>Final BioAir Purchase Value \$769,084.50 Adjusted 6% Use Tax Liability 46,145.07</p> <p>Balance Final Allowance (\$ 2,849.13) (\$48,994.20 – 46,145.07)</p> <p><b><u>Attachments:</u></b> BioAir Agreement (P.1 to P.3, only) C.O. No.1, Item 1 (P.1 and P.2, only) WRC e-Mail (Final BioAir Value)</p>	LS	1 ea.	(\$2,849.13)	-0-	(\$2,849.13)
10-3	<p><b><u>DESCRIPTION (Extra/Add):</u></b></p> <p>Provide compensation for design and material upgrades to the Wet Well Makeup Air Unit # 2 (WWMAU-2) duct work system.</p>	LS	1 ea.	\$78,256.93	\$78,256.93	-0-

# OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 10

10-  
3

## **REASON:**

The Contractor and material fabricator responded to a warranty repair issue for performance defects on the "DuctSox" fabric supply ductwork for WWMAU-2. This specific supply ductwork consisted in part of custom built "compound elbow" fittings required to negotiate existing space conflicts that previously contributed to unfavorable air flow vibrations.

The Contractor's warranty responsibility was acknowledged, but also recognized was an opportunity to provide a more robust detail to the ductwork to better ensure the long term reliability of the ventilation system. In particular, the extremely difficult "high ceiling access" conditions present in the Wet Well were noted which further supported the reasoning to take advantage of the warranty work by simultaneously enhancing the durability of the installation.

The final cost of the installation, including both warranty and enhancement considerations, was negotiated on a shared basis with the Contractor accepting 1/3 of the total cost and also waiving all profit and markup charges on the work.

Attachment:

CSM Contractor's Summary w/ support documents (7/6/2021)

**END OF CHANGE ORDER # TEN  
ITEMIZED LINE ITEM DESCRIPTIONS**

Totals	\$ 78,256.93	(\$ 2,849.13)
Net Cost Changes (Add)	\$ 75,407.80	-0-
Adjust Time (Add)	+ 337 Days	-0-

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 10

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

Date: 7-09-2021

FOR Recommended By:  
Jason Matteo, P.E.  
Project Manager, Jacobs

Date: 7/14/2021

Approved by:  
Joel Brown, P.E.  
Project Manager, WRC

Date: 7/19/21

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

Date: 7/19/2021

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

Date: 7/19/2021

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

Date:

All of Contractor'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 Contractor agrees to do the work described above and agrees to accept Contract time adjustments in full on the basis indicated.

Accepted by:

Mark Kowden  
Title

Date: 7/15/21

of: CSM Mechanical, LLC

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

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

**CHANGE ORDER NO. One**  
**NIEA OMID Contract One, PCI-4 Rehabilitation**  
**Oakland Macomb Interceptor Drain, Drainage District (OMIDDD)**

For Lining of the PCI-4 Interceptor and Access Structure Construction  
Located in the City of Detroit, Wayne County, Michigan

**Authorization for:**

- 1.) Furnish and install an additional 110 lf of "Channeline" polymer liner in the PCI-4 Interceptor.
- 2.) Provide an adjustment to the Contract time for installation of the additional Channeline liner

**CONTRACTOR:**

**Marra Services, Inc.**  
 700 East 73 rd. Street  
 Cleveland, OH 44103

Date: July 06, 2021

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
1-1	<b>LOCATION:</b>  This reach of the PCI-4 Interceptor Sewer is located beneath segments of the Northeast Sewage Pump Station campus, East State Fair Ave, Conner Ave., and East Outer Drive Ave. in the City of Detroit, MI	1	LS	\$664,392.00	\$664,392.00	-0-
	<b>DESCRIPTION: (Change/ Extra)</b>  Extend the proposed contract length of Channeline polymer interceptor lining from the current contract "point of beginning" at Manhole PCI-4-106 an additional 110 lf. upstream to the entry portal of the PCI-4 Interceptor at the Northeast Sewage Pumping Station Gatehouse Chamber.  <b>REASON:</b>  Recent manned inspections of the PCI-4 interceptor have disclosed the rapidly deteriorating condition of the Geo-Spray cementitious lining previously installed as an emergency protective measure to arrest the accelerated loss of concrete surface experienced in the original interceptor secondary (structural concrete) lining. The damaging effect of concentrated H2S atmosphere apparently resulting from the adjacent turbulent pump					



**NIEA OMID Contract One, PCI-4 Rehabilitation; C.O. # 1**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<p>station sewage discharge seriously affected the concrete interceptor lining in a manner similar to the exposed Gatehouse surface concrete, which subsequently was also protected with an alternative lining system.</p> <p>The current NIEA OMID C-1 PCI-4 Rehabilitation Contract provides a unique opportunity to complete the lining of the PCI-4 interceptor in the tunnel segment experiencing the highest H2S concentration using the robust Channeline liner material and thereby substantially arresting further deterioration of the cementitious lined segment as well as additional downstream segments.</p> <p>The cost of this additional work will primarily utilize Contract bid unit prices for the extended typical lining section, and with additional cost considerations for the varying dimension entrance transition at the NESPS Gatehouse and additionally for the specialized lining detail at Manhole 106.</p> <p>Attachment: Marra Services Quotation, dated 6/1/21 (WD # 2)</p>					
1-2	<p><b><u>DESCRIPTION: (Time Adjustment/Add)</u></b></p> <p>Provide an adjustment to the Contract Time for the additional work described above in Change Order Item 1-1.</p> <p><b><u>REASON:</u></b></p> <p>The additional Work described in Item 1-1 requires an additional fifty (50) calendar days of Contract Time to allow the manufacture, transportation, and installation of this liner extension. This liner segment addition will now represent the beginning section of PCI-4 Interceptor to be lined commencing at the NESPS Gatehouse, and accordingly, has a direct impact on the overall project schedule.</p> <p align="center">*****</p>	Days	50	-----	50 cal. Days	-----

**NIEA OMID Contract One, PCI-4 Rehabilitation; C.O. # 1**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<b>END OF CHANGE ORDER NO. ONE LINE ITEMS</b>					
					Amount Increase	Amount Decrease
			Totals		\$664,392.00	-0-
			Net Change Cost (Add)		\$664,392.00	-0-
			Change Time (Add)		50 Calendar Days	-0-

***END OF CHANGE ORDER NO. ONE (NIEA OMID C-1), ITEMIZED DESCRIPTIONS***

NIEA OMID Contract One, PCI-4 Rehabilitation; C.O. # 1

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

Date: 07-08-2021

Recommended By:  
Saju Sachidanandan, P.E.  
Engineer of Design, NTH Consultants, Ltd.

Date: July 15, 2021

Approved By:  
Joel Brown, P.E.  
Project Manager, WRC

Date: 7/19/21

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

Date: 7/19/2021

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

Date: 7/19/221

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

Date:

All of Contractor'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 Contractor agrees to do the work described above and agrees to accept Contract time adjustments in full on the basis indicated.

Accepted by: **Chris Koepf** Digitally signed by Chris Koepf  
Date: 2021.07.16 13:06:10 -04'00'

Date

Title

of: MARRA SERVICES, INC..

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

This Change Order No. 1 was approved by the Drainage Board on: Date:

## **Agenda Item No. 6**

### Construction Estimates

**OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD**  
**Northeast Sewage Pumping Station- Pump and Electrical Upgrades Project**  
**Located in the City of Detroit, Wayne County, Michigan**

**Regular Construction Estimate No. Nine**

**Page One of Two**

**June 01, 2021 through June 30, 2021**

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

<b>Construction Manager at Risk:</b>	Vendor # 23191	LI 43331; exp. 12/16/22
Walsh Construction Co.		Date of Contract: Dec. 16, 2019
3031 West Grand Boulevard, Suite 640		Final Completion Date: July 28, 2023
Detroit, MI 48202	Contract No. 5977	

Orig. GMP amount for Pump & Elec. Upgrades Project, not including CS-9 and Pre-Const. Balance	\$44,107,745.18
Expended Pre-Construction Phase Amount	(\$1,174,363.30)
Unused Pre-Construction Phase Budget	(\$70,196.70)
CS-9 Budget from GMP	(\$3,251,117.72)
<b>NESPS Pump &amp; Elec. Upgrades Original Contract Budget</b>	<b>\$39,612,067.46</b>
Change Orders, This Estimate: C.O.# 12	\$214,548.60
Previous Change Orders: (C.O. # 7 , 8, 9, 10 and 11)	\$642,920.53
Unused Pre-Construction Phase Budget	\$70,196.70
<b>Adjusted Construction Contract Amount:</b>	<b>\$40,539,733.29</b>
Sub-Total To Date: (CS-9 Costs are Not included on this Estimate)	\$10,961,360.95
Less Deductions:	None
Gross Estimate: (Work in Place) Complete = 26.9 %	\$10,961,360.95
Less Amount Reserved (10%)	\$1,096,136.10
Total Amount Allowed To Date:	\$9,865,224.85
Less Previous Estimates:	\$8,050,455.42
Current Payment Due	\$1,814,769.43
Reserve Payment to Contractor: None	\$0.00
Balance to Finish: \$29,792,900.93	
Accounting Auditor: <i>Jeffrey A Ragle</i>	
Amount To Be Reserved (From Above)	\$1,096,136.10
Less Previous Transfers To Reserve (N/I C-9 Reserve)	\$894,495.05
<b>Amount of Current Transfer</b>	<b>\$201,641.05</b>

OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD  
Northeast Sewage Pumping Station- Pump and Electrical Upgrades Project  
Located in the City of Detroit, Wayne County, Michigan

Regular Construction Estimate No. Nine  
Page Two of Two

06/01/ 2021 through 06/30/ 2021

Prepared by: Lawrence T. Gilbert

Date: 07-08-2021

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

Recommended by: John Michalski

Date: 7/14/2021

John Michalski, P.E., ASI

Recommended by: Joel Brown

Date: 7/16/21

Joel Brown, P.E. Oakland County WRC

Recommended by: Stephen Downing

Date: 7/19/2021

Stephen Downing; Macomb County OPWC

Approved for Payment by: Sid A. Lockhart

Date: 7/19/2021

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

Regular Construction Estimate No. 9 ( June, 2021)

Approved By Board On: \_\_\_\_\_

**OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD**  
**For Construction of the Control Structure 9 Gate Installation**  
**Located in the City of Warren, Macomb County, Michigan**  
**Project ID 1-3308**

Regular Construction Estimate No. 7 (CS-9 Gate Installation)

June 01, 2021 through June 30, 2021

Department No.:	6010101	Account No.:	730352
Fund No.:	84917	Program No.:	149015
Project No.:	514263	Activity:	FAC

Construction Manager at Risk,  
Walsh Construction Co.  
3031 West Grand Boulevard, Suite 640  
Detroit, MI 48202

Vendor # 23191

LI 43331; exp. 12/16/22

Date of Contract: Dec. 16, 2019

Final Completion Date: July 28, 2023

Contract No. 5977

Original Construction Contract Amount: ( CS-9 Gate Gate Installation)	\$3,251,117.72
Previous Change Orders: C.O. # 9-1, 9-2 and 11-7	\$12,646.67
Change Orders This Estimate: <b>None</b>	\$0.00
Total Net Change Orders:	\$12,646.67
Adjusted Contract Amount:	\$3,263,764.39
Sub-Total To Date: (CS-9 Charges only are included on this Estimate)	\$2,894,680.34
Less Deductions:	None
Gross Estimate: (Work in Place) 88.7 % Complete	\$2,894,680.34
Less Amount Reserved (10%)	\$289,468.03
Total Amount Allowed To Date:	\$2,605,212.31
Less Previous Estimates: Paid under NESPS Pump-Elec. Upgrade App # 6	\$1,801,948.69
Net Payment Request To Be Paid To Contractor:	\$803,263.63
Reserve Payment to Contractor:	\$0.00
Balance to Finish: \$ 369,084.05	Accounting Auditor <i>Jeffrey A. Ragle</i>
Reserve Payment	\$289,068.03
Less Previous Transfers To Reserve:	\$200,216.52
Amount of Current Transfer	\$88,851.51

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

Date: 07-08-2021

Recommended by: *Saju Sachidanandan*  
Saju Sachidanandan, P. E.

Date: July 15, 2021

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

Date: 7/15/21

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

Date: 7/19/2021

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

Date: 7/19/2021

Regular Construction Estimate No. 7 (CS-9 Gate Installation)

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. 4

Period: 06/01/21 through 06/30/21/

Department No.: 6010101  
Fund No.: 84917  
Project No.: 100000003308

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 8, 2022

Original Construction Contract Amount	\$14,732,510.00
Previous Change Orders: (None)	\$0.00
Change Orders This Estimate: (None)	\$0.00
Total Net Change Orders: (None)	\$0.00
Adjusted Contract Amount:	\$14,732,510.00
Sub-Total To Date	\$1,467,219.00
Less Deductions: None	\$0.00
Gross Estimate: (Work in Place) 9.95% Complete	\$1,467,219.00
Less Amount Reserved (10%)	\$146,721.90
Total Amount Allowed To Date:	\$1,320,497.10
Less Previous Estimates	\$1,060,797.15
Net Payment Request To Be Paid To Contractor:	\$259,699.95
Reserve Payment to Contractor:	\$0.00
Balance to Finish: \$13,265,291.00	Accounting Auditor: <i>Jeffrey A. Ragle</i>
Amount to be Reserved from Above	\$146,721.90
Less Previous Transfers To Reserve:	\$117,866.35
Amount of Current Transfer	\$28,855.55

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

Date: 07-08-2021

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

Date: July 15, 2021

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

Date: 7/16/21

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

Date: 7/19/2021

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

Date: 7/19/2021

Regular Construction Estimate No. 4

Approved By Board On: \_\_\_\_\_



**Agenda Item No. 7**

**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  
J. Matteo, P.E., Jacobs Engineering, Inc.

### **July 21 2021 OMIDDD Board Meeting**

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The following provides a status update as of the writing of this report (July 9, 2021) 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 (No Contract Number) – Contract Extended to May 15, 2022:**

Engineering Consultant: Jacobs

##### **Project Budget Summary (including EWOs):**

- |   |              |
|---|--------------|
| • Adjusted Project Budget (including EWOs and Fan Testing Allowance): | \$567,447.00 |
| • Total Spent (through May 2021):                                     | \$566,441.58 |

##### **Status of Major Project Tasks:**

- System-wide Odor/Corrosion Study and additional requested work is substantially complete. Final report to be issued following written final comments received in June 2021.
- Jacobs delivered on May 28, 2021 a draft technical memorandum that summarizes the NI-EA Phase 1 odor sampling recently performed at the NESPS and in PCI-4. The memorandum is currently under review.

#### **SRF Segment 2 Status:**

##### **Contract 3 (Base Contract) – Complete, Closeout Pending**

**Construction Amt Invoiced:** \$18,011,426.41, as adjusted by C.O. 11.

**Schedule Status:** Complete July 31, 2014; Overall Contract closeout will be combined with closeout for NESPS Discharge Chamber Emergency Repairs (CO 2-E, et al).

## July 21, 2021 OMIDDD Board Meeting

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### Contract 3-2E thru 3-2J (NESPS Gatehouse): Substantially Complete

**Construction Amt Invoiced:** \$5,151,543.52 Invoiced to date including Change Order 2E through 2J.

**Schedule Status:** Substantially Complete on 11/25/17, with additional Gatehouse lining work performed under Change Order 2-I and completed on March 31, 2019.

Investigation into the failure of the Tnemec coating continues. A recovered sample of the failed coating has been sent to Tnemec for analysis. Negotiations with Tnemec are ongoing. Contract 3 (Base Contract and Emergency Gatehouse Repairs) remains open pending resolution of this issue.

### 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, although deterioration recently noted (see NIEA Contract 1 Summary). A further manned inspection of PCI-4 adjacent to the NESPS gatehouse is planned for July, 2021.**

### NESPS Odor/Corrosion Control System (No Segment or Contract No.) Construction Completed, Post-Construction Services Ongoing:

**Engineering Consultant:** LG Design, Inc., subsidiary of Jacobs

**Prime Construction Contractor:** CSM Mechanical, LLC

**Project Budget Summary:**

- CSM Mechanical, LLC (Adjusted Contract Value w/ CO No. 1 through CO No. 9): \$4,192,686.74
- CSM Balance to Finish w/ Retainage (PA No. 16, work through 12/31/2020): \$47,644.74
- CSM Mechanical, LLC Draft Change Order #10 (Final CO Pending Approval): \$75,407.80
- CSM Mechanical, LLC (Final Contract Value, pending w/ CO No. 10) \$4,268,094.54
- Jacobs Budget (Design and CA/RPR, per EWO No. 3): \$1,272,470.46
- Remaining Jacobs Budget (through June 2021): \$51,055.41

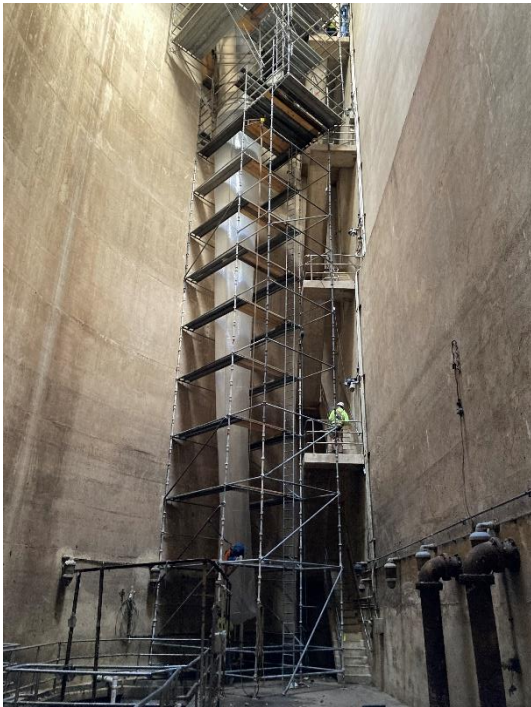
# July 21, 2021 OMIDDD Board Meeting

## Milestone Schedule Summary:

- Change Order No. 10 proposes to adjust the Final Completion of the Project from August 28, 2020 to July 31, 2021 which provides an increase of 337 calendar days. The date of Final Completion for the project is adjusted to reflect late additional Work added to the project near the end of the previously revised Final Completion date and in addition to account for final operating efficiency adjustments to both the Bio-Trickling Filter and the NESPS HVAC system.

## Status of Major Project Tasks:

- All major work is complete, testing is completed, and the facility is in normal operating mode. Warranty issues with a 76-inch fabric duct in the wet well have been addressed by the Contractor. Temporary scaffolding was erected inside the wet well and a portion of the fabric duct was replaced with stainless steel elbows during early June 2021. A section of fabric duct was reinstalled and the WWMAU-2 is now fully operational.



*Wet well make up air unit fabric duct installation*



*Wet well make up air unit stainless steel duct elbows below deck*

## NESPS & OMID Maintenance & Repairs Status:

### Amt Invoiced:

\$199,701 thru June, 2021 out of current \$353,000 ASI engineering budget; Does not include Metco budget for ongoing flow control, maintenance, and coordination.

### Schedule Status:

Ongoing

## July 21, 2021 OMIDDD Board Meeting

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**Advance modifications to facilitate the “Emergency Contingency Plan” for future events that incapacitate the emergency generator system are underway to allow pumping in the event of total power loss at NESPS or other catastrophic failure in the system:**

- Electrification modifications are substantially complete, including testing, though some individual components will be swapped out to optimize the system.
- Manhole modifications for step removal completed at 6 of 7 locations, some frame and cover replacements outstanding.
- Advanced emergency plan document to include pumping details and traffic control from pump out locations is preliminarily complete; awaiting completion of manhole and electrical modifications to finalize the document.
- Emergency standby contracts are in development.

**Additional work being performed under Metco Maintenance Contract for NESPS:**

- NESPS Transformer 3 remains out of service. New Transformers 3 and 4 arrived May 27th. Transformer 3 has a July 19<sup>th</sup> installation target. Existing Transformer 4 and Standby Generator are supply and backup.
- Pump 4 Catastrophic Portable Generator Test complete. Results were positive.
- Coordination between GLWA, MID, NESPS, Pump/Electrical Upgrade Project has not affected station operations nor hindered performance or abilities to meet demands.
- Monthly Wet well sediment measurements completed and barscreens cleaned. Measurements indicated a minimal accumulation of debris. The sediment Level Report on file. Next inspection scheduled July 24, 2021.
- Mechanical and Electrical corrective/preventative maintenance schedules continue to proceed without issues.
- Sanitary Pump #1 demolition continues without any disruption to station operations. Knife gate removal pre-task meetings are underway.
- NESPS Health and Safety Plan development continues after review, meetings ongoing

**Overall Station Performance Report:**

- A significant weather event affecting metro Detroit required active station operation, with maximum flows recorded at 402 cfs and requiring use of Sanitary Pump 5 in emergency mode (this pump is slotted for refurbishment).
- Sanitary Pumps #2, #4, 5 and #6 ready for duty. (490 CFS Capacity).
- Decommissioned components of Sanitary Pump #1 have been demolished.
- Sanitary 2 is operating on limited duty with VFD operating at 95% capacity and multiple components out for repair. Multiple capacitor trips were experienced after the weather events of June 26, 2021. Additionally, pump performance has been limited by failing (end of life) variable frequency drive (VFD) issues. A Siemens technician visited the site July 7, 2021 and reported that power cell control boards are failing due to age and corrosive gas exposure. The complete service report is under review.
- Sanitary 5 is operating on limited duty due to pump bearing and suction inlet gate conditions. The thrust bearing continues to wear after refurbishment and may require a complete swap of

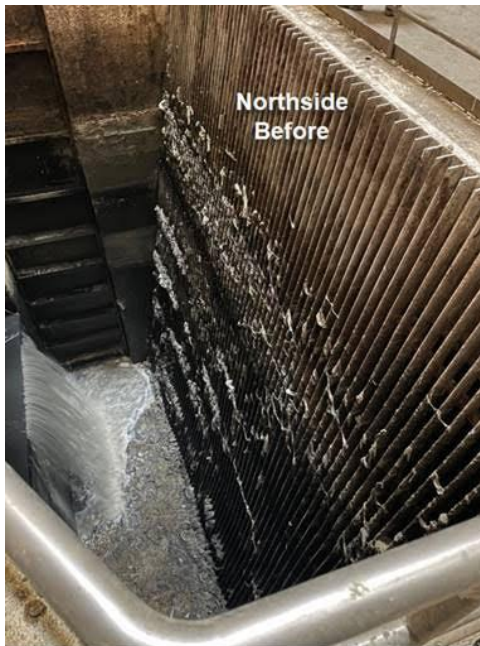


## July 21, 2021 OMIDDD Board Meeting

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power frame (this issue is currently under evaluation by Kennedy). Additionally, the suction inlet gate hydraulic power unit is not working; Walsh/Decal/HESCO are to address this issue.

- June monthly pump mechanical preventative maintenance completed.
- Upper Service Elevator rehabilitation complete. The temporary permit still active as miscellaneous punch list items are addressed.
- NEXGEN asset management project is ongoing with no issues to report. The contractor portal is ready for use.
- No odor complaints received since Oct 8, 2020.
- Bio Filter performance is normal. Readings are being recorded daily, with H<sub>2</sub>S odors down considerably in this reporting period and minimal presence noted during the recent heat and humidity.
- The system has recovered from the transformer failure of June 5, 2021 and the weather events of June 26, 2021.
- Overall General Housekeeping tasks in order.



*North side of wet well before and after recent cleaning efforts*

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

- Daily flow control operations are ongoing, in support of multiple MIDDD, OMIDDD, and GLWA repair and improvement projects. Coordination between all groups is going very well. Significant weather events in early July caused some cancellations of planned flow control.
- All LOTO protocols implemented. (No issues to report).
- Annual preventative maintenance completed. (Annual preventative maintenance completed; No major issues to report).
- CS-6, CS-7, and CS-8 all in stand-by mode ready for service.

## July 21, 2021 OMIDDD Board Meeting

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- CS-5, In stand-by mode ready for service. (Nitrogen tank has been repaired and installation is scheduled but not yet conducted)
- System wide remote communications are good.
- Routine daily rounds and inspection made no other maintenance issues to report at this time.

### OMID Control Structure Upgrades Status:

**Amt Invoiced:** \$69,772 Engineering services to date; Total design and construction budget currently established as \$500,000 (including contingencies and admin/legal).

**Schedule Status:** Construction of cover mods substantially complete 8/14/20

- Hatch and Access improvements complete, CSM Contract closed-out.
- CS-5, CS-6, CS-7, and CS-8 mechanical repairs have been completed by HESCO and control structures are in stand-by mode, ready for service.
- HESCO has provided a draft document evaluating control structures for long-term operability, anticipated life cycle, and schedule of potential future upgrades. Document under review.
- There are currently no issues with system-wide communications following MCE upgrades and PLC implementation.

### OMID System 3-Year Spot Repairs and 6-Year Inspection Status:

**Amt Invoiced:** Total design and construction budget for 3-Year repairs currently is established as \$1,352,801 (including contingencies and admin/legal).

**Schedule and Progress Status:**

- Remaining repair work consists of step removal at one manhole in PCI-8.
- The 6-Year inspection began July 8, 2021 in PCI-10B.

### NIEA Repairs (Design/Construction)

**Amt Invoiced:** \$2,006,578 out of currently projected study/design budget of \$2,400,570; Total design and construction budget currently is \$44,168,770 (including contingencies and admin/legal). Work is now complete to 8% of the Contract value, based on the current application for payment.

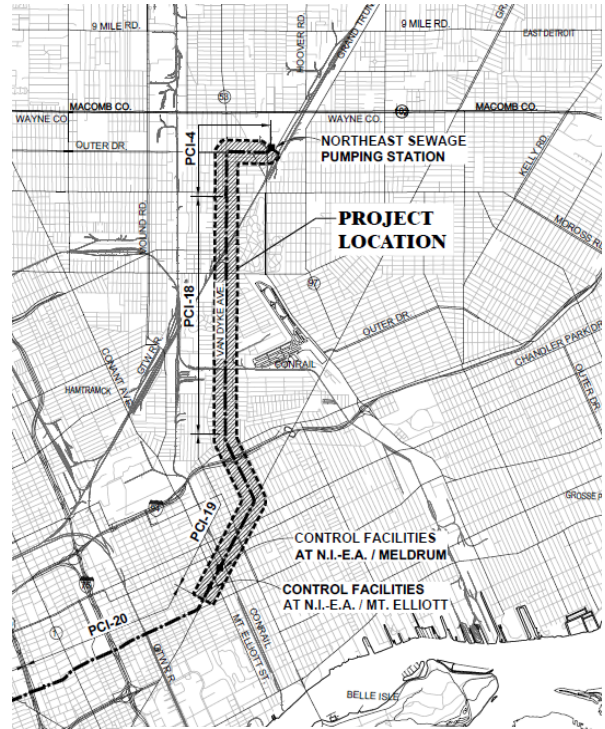
**Schedule Status:** Contract 1: Contractor mobilized and the PCI-4 Interceptor Outer Drive Access Shaft excavation is in progress.

Contract 2: 90% design work complete; expected to bid potentially in September, 2021 pending coordination with GLWA projects that impact flow control management requirements.

# July 21, 2021 OMIDDD Board Meeting

## Contract 1 (PCI-4 Rehabilitation)

- Ongoing discussions of options for repairing deteriorated upper 110 ft of PCI-4; re-lined only 3 years ago, but now undergoing failure of applied material. Team continues to work with the material supplier (Milliken) to determine cause; although proceeding with options for lining under NIEA Contract 1.
- Permanent power connection by DTE for the dewatering wells is underway, with final connection scheduled for mid-July, 2021.
- Access shaft excavation and liner-plate TERS has extended to approximately 10 feet below ground surface.
- In-sewer installation of support ribs has begun.
- Geotechnical monitoring of construction activities indicates stable conditions.
- Weather events in June 2021 have limited in-sewer and excavation work.
- Work is complete to approximately 10% of the Contract value, based on current payment application. Project remains on schedule.



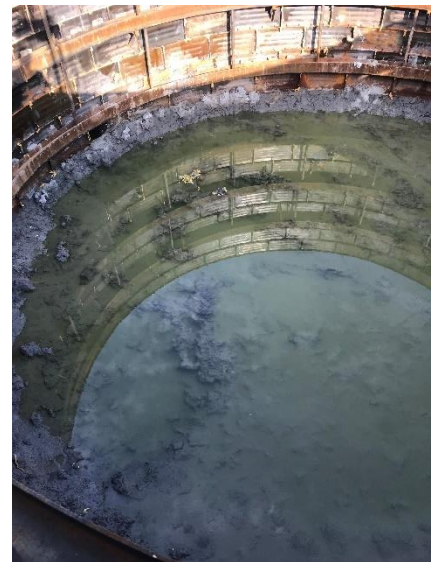
NI-EA OMID Contracts 1 & 2  
Project Location



New manhole structure placed June 9, 2021



Crews working to construct liner-plate TERS in early June, 2021



Status of shaft bottom on June 28, 2021

## Contract 2 (PCI -18/19 Rehabilitation)

- Coordination meetings and discussions are ongoing with GLWA regarding cost sharing of



## July 21, 2021 OMIDDD Board Meeting

rehabilitation of common to all portions of the NI-EA and new control structures, and other miscellaneous design coordination efforts. GLWA is supportive of the general approach for the project.

- NI-EA OMID Contract No. 2 PCI-18 & 19 Rehabilitation has been workshopped with GLWA and the team continues to develop a 100% design.
- Currently working to address potential conflicts between C2 and GLWA Contract DB-226. This issue may delay C2, and/or result in modifying the contract delivery approach.
- Final bid package is in preparation; completion pending determination of potential impacts from downstream flow control issues; expected bid date in September 2021.

The **draft** line item schedule and budget 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 TBD* (Contract 2)
MDEQ Submittal (Part 41)			4/28/2020 (Contract 1) TBD* (Contract 2)
Issued for Bid			6/10/2020 (Contract 1) 9/7/2021* (Contract 2)
Bid Opening			9/30/2020 (Contract 1) 11/14/2021* (Contract 2)
Contract Award and NTP			12/16/2020 and 1/04/2021 (Contract 1) 1/22/2022* and 12/10/2021* (Contract 2)
Subtotal - Design	\$2,400,570		
Final Completion of Construction	\$3,500,000	\$35,000,000	07/23/2022* (Contract 1) 10/30/2023* (Contract 2)

\*Estimated C2 Date

## NESPS Pump and Electrical Upgrades Project

**Budget Status:** \$1,280,139 billed out of current Design Budget of \$1,382,430; \$759,427 out of the current CCA Budget of \$2,443,262. Total construction budget currently established as \$40,539,733.29, including contingencies and admin/legal, through C.O. #12). The total amount invoiced to date as of June 30, 2021 is \$10,961,360.95 (not including the Control Structure 9 Bulkhead Gate facility), representing 26.9% of the project adjusted contract value.

**Schedule Status:** On Schedule.

The following Design Team Effort work is active:

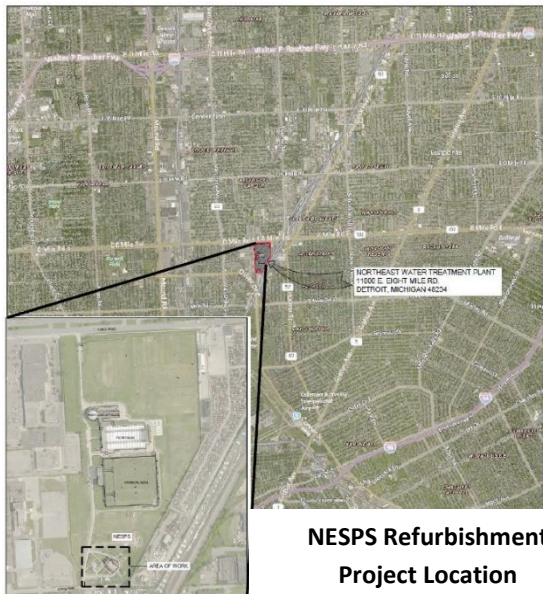
- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.

# July 21, 2021 OMIDDD Board Meeting

The following Construction Services work is active:

- Construction Phase services (RFI's, Submittals) are ongoing, and the engineering team is reviewing and responding.
- The replacement for transformer #3 has been delivered and installed with HVL.
- Roofing for the new electrical building continues. Roof-mount HVAC units are onsite.
- Underground site drainage is nearing completion, with final work to be performed during access drive construction.
- Splicing of underground electrical runs in manhole E-4A is scheduled for late July, 2021.
- Planning for removal of knife gate #1 underway, projecting a removal date of July 21, 2021.
- Sanitary Pump #1, discharge piping, and motor have been decommissioned and removed from the site.
- The QuakeWrap lining of discharge piping associated with Pump #1 is underway, with projected completion during the week of July 12, 2021
- 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 - Design	\$3,826,000	\$43,581,019	
10 Substantial Completion	\$2,500,000 (est.)	\$43,300,000 (est.)	3/24/2023
11 Final Completion			6/23/2023



## July 21, 2021 OMIDDD Board Meeting

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**NESPS Electrical Building status on June 15, 2021**



**Placement of HVL near new Transformer 3**



## July 21, 2021 OMIDDD Board Meeting

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**Landing new Transformer 3**



**Demolition of Pump #1 discharge piping thrust block**



**Pump #1 discharge piping – prior to lining**



**Pump #1 discharge piping – after first layer of  
QuakeWrap lining**

# July 21, 2021 OMIDDD Board Meeting

## CS-9 Gate Installation

### Budget Status:

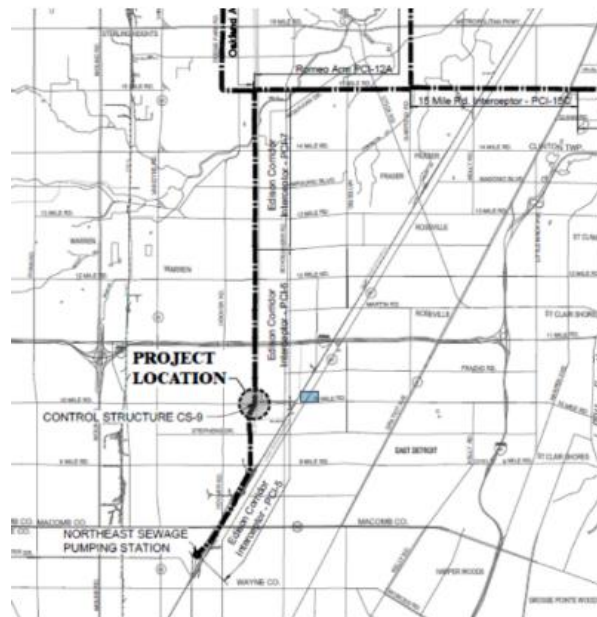
Total design and construction budget currently established as approximately \$3.2M (including contingencies and admin/legal).

### Schedule Status:

Engineering/Design efforts complete; CMAR ongoing, on time. Work is now estimated at 90 % complete based on current Progress Payment Applications, and current projections suggest the project will reach completion on or ahead of schedule.

The following work is active:

- Hydrogate gate has been installed.
- Site restoration, leak testing and punchlist items remain.
- Leak testing was originally scheduled for July 2, 2021, but has been delayed due to the limited availability of flow control following significant weather events.



CS-9 Project  
location

## July 21, 2021 OMIDDD Board Meeting

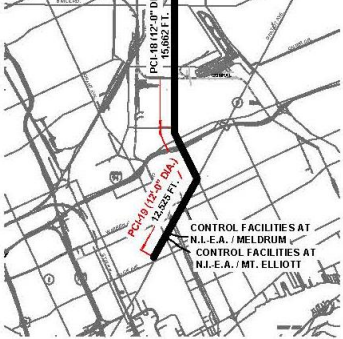
### Summary of OMID Design and Construction Status:

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 (Gatehouse)	IWPC (Weiss)	Y	Y	Y*	N*	N/A
2	Contract 3 (Grouting PCI-5 thru 8)	IWPC	Y	Y	Y	N*	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	N	N	N	N/A
N/A	Control Structure Modifications	CSM/Hesco/MCE	Y/Y/N	Y/Y/N	Y/N/N	Y/N/N	N/A
N/A	OMID Maintenance Repairs	Doetsch	Y	N	N	N	N/A
N/A	CS-9 Gate Modifications	Walsh as CMR	N	N	N	N	N
N/A	NESPS Pump & Electrical Upgrade	ASI; Walsh as CMAR	N	N	N	N	N
N/A	NIEA-OMIDDD Contract 1 (PCI-4)	Marra	N	N	N	N	N

\* In review, pending Coating Issues Resolution and Change Order and Memo of Understanding approvals

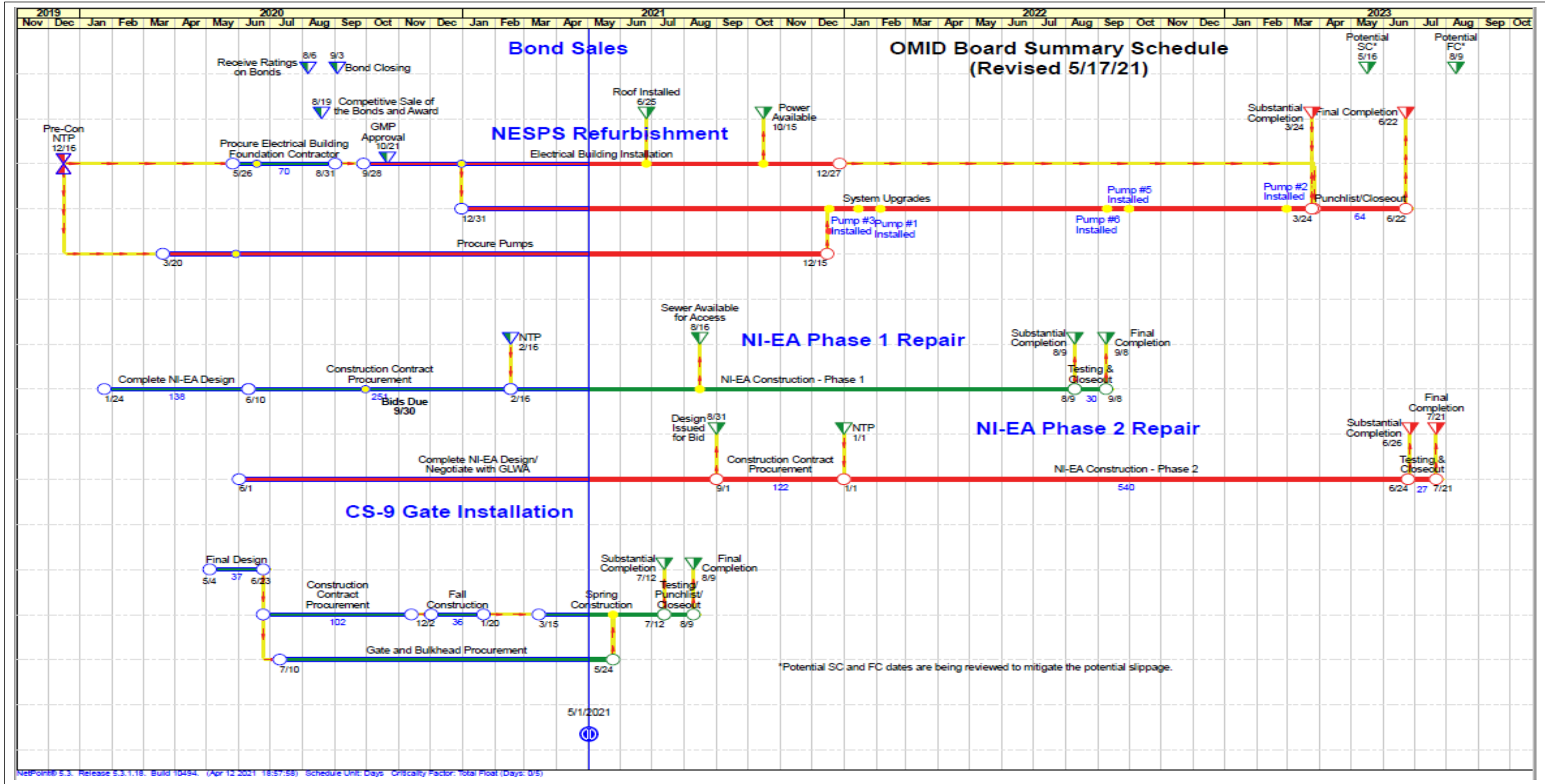
Work Currently in Design/Study/Engineering		
Description	Design Consultant	Status
System-wide Odor/Corrosion Study	Jacobs	Study Complete
NESPS & OMID Maintenance & Repairs	Metco	Engineering/Maintenance Ongoing
NIEA-OMIDDD Contract 2 (PCI-18/19)	NTH	Design ~90% Complete; pursuing cost sharing w/ GLWA
Emergency Pumping Plan	ASI/FKE	Design Complete; minor field work remains. System successfully tested





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

# July 21, 2021 OMIDDD Board Meeting



OMID Project Schedule Summary



## July 21, 2021 OMIDDD Board Meeting

### MID/OMID Construction Schedule

Project	Work Location	Owner	Lead Engineer	Contractor	2021					2022					2023					MID/OMID Control Devices Required to Store Flow										Concurrent Work Notes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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MID Grouting (Preliminary schedule has GI and LSI work beginning when)	Lakeshore Interceptor (LSI)	MID	AEW	Doetsch	/	/																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</

Table updated on 7/1/2021. Estimates to be updated as necessary.

\* Flow control from 8/20 through 6/21 will be required for sewer cleaning. Flow control requirements are TBD based on contractor means & methods, not reflected in "Control Devices Required to Store Flow" section

\* Flow control from 7/21 through 12/21 is shown for sewer lining. 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

Estimated Project Window

 Estimated Project Window  
 Flow Control Required  
 Flow Control May Be Required

### Summary of OMID Flow Control Requirements for Ongoing and Future Projects

## **Agenda Item No. 8**

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

YTD Trial Balance  
Fund: 84915 Oakland Macomb InterceptorSeg4  
As of Fiscal Period: Month 9, 2021

Run By: WRC\_REPORTING  
Run: 07/09/2021 at 02:33 PM  
Scope: 84915 Oakland Macomb InterceptorSeg4

ACCOUNT		Oakland Macomb InterceptorSeg4 100000001913	OMI NESPS GATEHOUSE SEG4 100000002232	NESPS Odor Corrosion StdY Seg4 100000002708	YTD Balance
100100	Cash - Operating	9,515.46	4,196.80	20,898.89	34,611.15
104100	Accrued Interest on Investment	42,307.10	0.00	0.00	42,307.10
201210	Vouchers Payable AP Cont	0.00	(4,196.80)	0.00	(4,196.80)
	Revenues	147,836.70	2,648.89	(152,197.28)	(1,711.69)
697551	Issuance of Bonds	165,290.32	2,927.73	(168,218.05)	0.00
	Expenditures	46,740.85	22,876.05	170,609.55	240,226.45
	Special Items- Uses	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(411,690.43)	(28,452.67)	128,906.89	(311,236.21)
		0.00	(0.00)	(0.00)	0.00

SRF (SAW Loan) final draw request received January 2017.

Cash as of 06/30/2021	\$	34,611.15
Invoices/Reimbursements for Seg 4 on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS Gatehouse on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS NIEA-East Arm on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS Odor Corrosion Study on Current Agenda impacting Cash Balance		(21,026.91)
Total Net Cash Balance	\$	<u>13,584.24</u>

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### Oakland Macomb InterceptorSeg4

#### 10000001913

(as of June 30, 2021)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>ADM - Administration</b>				
730926 - Indirect Costs		0.00	63,879.05	
730940 - Insurance		0.00	67,871.13	
731115 - Licenses and Permits		0.00	320,000.00	
731521 - Public Services		0.00	14,235.58	
732165 - Workshops and Meeting		0.00	29.66	
771638 - Drain Equip Labor		0.00	4,607.71	
771639 - Drain Equipment		0.00	269.47	
<b>Administration TOTALS</b>				
	390,165.00	0.00	470,892.60	(\$80,727.60)
<b>ENG - Engineering</b>				
731346 - Personal Mileage		212.80	18,364.01	
731521 - Public Services		0.00	40,605.00	
771638 - Drain Equip Labor		1,723.52	790,202.09	
771639 - Drain Equipment		87.68	84,620.42	
<b>Engineering TOTALS</b>				
	484,153.00	2,024.00	933,791.52	(\$449,638.52)
<b>ENGCON - Engineering Consultant</b>				
730639 - Engineering Services-Other		0.00	3,594,242.60	
731073 - Legal Services		0.00	108.00	
<b>Engineering Consultant TOTALS</b>				
	3,275,248.00	0.00	3,594,350.60	(\$319,102.60)
<b>FAC - Facility Acquisition</b>				
731472 - Project Construction and Impr		0.00	14,058,313.68	
731521 - Public Services		0.00	6,798.84	
750294 - Material and Supplies		0.00	228.00	
<b>Facility Acquisition TOTALS</b>				
	15,225,614.00	0.00	14,065,340.52	\$1,160,273.48
<b>INS - Inspection</b>				
730373 - Contracted Services		0.00	473.03	
731521 - Public Services		0.00	16,935.91	
<b>Inspection TOTALS</b>				
	17,408.00	0.00	17,408.94	(\$0.94)
<b>LEGAL - Legal and Financial</b>				
730639 - Engineering Services-Other		0.00	8,398.96	
730940 - Insurance		0.00	54,526.58	
731073 - Legal Services		0.00	124,753.11	
793938 - Discount on Bonds		0.00	6,964.10	
<b>Legal and Financial TOTALS</b>				
	191,321.00	0.00	194,642.75	(\$3,321.75)
<b>ROW - Right of Way</b>				
731563 - Recording Fees		0.00	50.67	
<b>Right of Way TOTALS</b>				
	0.00	0.00	50.67	(\$50.67)

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**Oakland Macomb InterceptorSeg4**  
**100000001913**  
 (as of June 30, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>Project 100000001913 - Oakland Macomb InterceptorSeg4</b>			
<b>Total Project Expenses</b>			
<b>Budget Amount</b>	<b>Month-to-Date Expenses</b>	<b>Life-to-Date Expenses</b>	<b>LTD Variance</b>
\$19,583,909.00	\$2,024.00	\$19,276,477.60	\$307,431.40
<b>Total Project Revenue</b>			
<b>Account</b>	<b>Month-to-Date Revenue</b>	<b>Life-to-Date Revenue</b>	
605572-Special Assessments	(\$1,993.48)	\$8,336,181.96	
615572-State Capital Grants	\$0.00	\$1,105,350.77	
655077-Accrued Interest Adjustments	(\$8.72)	\$42,307.10	
655385-Income from Investments	\$38.50	\$651,111.00	
697551-Issuance of Bonds	(\$2,203.32)	\$703,349.33	
697753-State Revolving Fund Loans	\$0.00	\$8,490,000.00	
<b>TOTAL REVENUE</b>	<b>(\$4,167.02)</b>	<b>\$19,328,300.16</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$51,822.56</b>	

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### OMI NESPS GATEHOUSE SEG4

#### 100000002232

(as of June 30, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**ADM - Administration**

730926 - Indirect Costs	0.00	1,217.23	
771638 - Drain Equip Labor	0.00	53.43	

**Administration TOTALS**

9,472.00	0.00	1,270.66	\$8,201.34
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**CONT - Contingency**
**Contingency TOTALS**

93,209.00	0.00	0.00	\$93,209.00
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**ENG - Engineering**

771638 - Drain Equip Labor	0.00	13,790.23	
771639 - Drain Equipment	0.00	598.96	

**Engineering TOTALS**

59,699.00	0.00	14,389.19	\$45,309.81
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**ENGCON - Engineering Consultant**

730639 - Engineering Services-Other	4,196.80	1,269,705.03	
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**Engineering Consultant TOTALS**

496,981.00	4,196.80	1,269,705.03	(\$772,724.03)
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**FAC - Facility Acquisition**

731472 - Project Construction and Impr	0.00	3,456,264.64	
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**Facility Acquisition TOTALS**

3,748,637.00	0.00	3,456,264.64	\$292,372.36
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**INS - Inspection**

771638 - Drain Equip Labor	0.00	1,277.93	
771639 - Drain Equipment	0.00	59.93	

**Inspection TOTALS**

5,000.00	0.00	1,337.86	\$3,662.14
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**LEGAL - Legal and Financial**

731073 - Legal Services	0.00	1,456.00	
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**Legal and Financial TOTALS**

6,000.00	0.00	1,456.00	\$4,544.00
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Project 100000002232 - OMI NESPS GATEHOUSE SEG4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$4,418,998.00	\$4,196.80	\$4,744,423.38	(\$325,425.38)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$1,993.48	\$2,432,339.39	
697551-Issuance of Bonds	\$2,203.32	\$2,312,083.99	
TOTAL REVENUE	\$4,196.80	\$4,744,423.38	
REVENUE OVER/(UNDER) EXPENSES		\$0.00	

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### NESPS Odor Corrosion Stdy Seg4

#### 100000002708

(as of June 30, 2021)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>ADM - Administration</b>				
730926 - Indirect Costs		0.00	25,041.48	
730940 - Insurance		0.00	88,400.00	
<b>Administration TOTALS</b>	188,148.00	0.00	113,441.48	\$74,706.52
<b>CONT - Contingency</b>				
<b>Contingency TOTALS</b>	637,000.00	0.00	0.00	\$637,000.00
<b>ENG - Engineering</b>				
771638 - Drain Equip Labor		398.83	122,571.72	
771639 - Drain Equipment		10.47	4,584.71	
<b>Engineering TOTALS</b>	206,253.00	409.30	127,156.43	\$79,096.57
<b>ENGCON - Engineering Consultant</b>				
730373 - Contracted Services		7,686.11	1,295,678.94	
730639 - Engineering Services-Other		0.00	59,195.44	
<b>Engineering Consultant TOTALS</b>	1,073,000.00	7,686.11	1,354,874.38	(\$281,874.38)
<b>FAC - Facility Acquisition</b>				
730352 - Construction		0.00	662,863.90	
731472 - Project Construction and Impr		0.00	4,179,747.26	
<b>Facility Acquisition TOTALS</b>	4,600,000.00	0.00	4,842,611.16	(\$242,611.16)
<b>INS - Inspection</b>				
771638 - Drain Equip Labor		0.00	212,352.47	
771639 - Drain Equipment		0.00	32,443.08	
<b>Inspection TOTALS</b>	190,343.00	0.00	244,795.55	(\$54,452.55)
<b>LEGAL - Legal and Financial</b>				
731073 - Legal Services		0.00	1,744.00	
<b>Legal and Financial TOTALS</b>	15,000.00	0.00	1,744.00	\$13,256.00
<b>ROW - Right of Way</b>				
<b>Right of Way TOTALS</b>	46,000.00	0.00	0.00	\$46,000.00
<b>STD - Standard Operation</b>				
730352 - Construction		0.00	116,361.10	
730926 - Indirect Costs		0.00	3,729.80	
730940 - Insurance		0.00	139,930.93	
731906 - Testing Services		0.00	31,382.05	
771638 - Drain Equip Labor		0.00	4,613.57	
771639 - Drain Equipment		0.00	2,460.66	
<b>Standard Operation TOTALS</b>	38,010.00	0.00	298,478.11	(\$260,468.11)

**SUR - Survey Crew**

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**NESPS Odor Corrosion Stdy Seg4**  
**100000002708**  
 (as of June 30, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>Survey Crew TOTALS</b>			
10,246.00	0.00	0.00	\$10,246.00

<b>Project 100000002708 - NESPS Odor Corrosion Stdy Seg4</b>			
<b>Total Project Expenses</b>			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$7,004,000.00	\$8,095.41	\$6,983,101.11	\$20,898.89
<b>Total Project Revenue</b>			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$3,279,433.32	
697551-Issuance of Bonds	\$0.00	\$3,724,566.68	
<b>TOTAL REVENUE</b>	<b>\$0.00</b>	<b>\$7,004,000.00</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		\$20,898.89	



YTD Trial Balance  
Fund: 84917 Oakland Macomb InterceptorSeg5  
As of Fiscal Period: Month 9, 2021

Run By: WRC\_REPORTING  
Run: 07/09/2021 at 02:33 PM  
Scope: 84917 Oakland Macomb InterceptorSeg5

ACCOUNT		YTD Balance No Project	OMID Segment 5 100000003252	OMID NI-EA CONSTRUCTION 100000003308	ELEC CONSTRUCTION 100000003309	YTD Balance
100100	Cash - Operating	0.00	1,275,809.85	25,840,824.95	45,509,655.21	72,626,290.01
104100	Accrued Interest on Investment	0.00	(96,615.94)	0.00	0.00	(96,615.94)
201210	Vouchers Payable AP Cont	0.00	0.00	(1,348,646.40)	(1,446,702.65)	(2,795,349.05)
	Revenues	402,211.79	18,145,458.53	(6,430,500.35)	(12,248,377.99)	(131,208.02)
697551	Issuance of Bonds	0.00	63,802,721.66	(21,965,099.65)	(41,837,622.01)	0.00
	Expenditures	0.00	0.00	3,903,421.45	10,023,047.44	13,926,468.89
	Special Items- Uses	0.00	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(402,211.79)	(83,127,374.10)	0.00	0.00	(83,529,585.89)
		0.00	0.00	0.00	0.00	(0.00)

Cash as of 06/30/2021 \$ 72,626,290.01

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (172,440.14)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (171,207.54)

Total Net Cash Balance \$ 72,282,642.33

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### OMID NI-EA CONSTRUCTION

#### 100000003308

(as of June 30, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**ADM - Administration**
**Administration TOTALS**

584,000.00	0.00	0.00	\$584,000.00
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**CONT - Contingency**
**Contingency TOTALS**

2,581,000.00	0.00	0.00	\$2,581,000.00
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**ENG - Engineering**

771638 - Drain Equip Labor

9,906.02

44,622.17

771639 - Drain Equipment

391.66

1,983.01

**Engineering TOTALS**

478,000.00	10,297.68	46,605.18	\$431,394.82
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**ENGCON - Engineering Consultant**

730639 - Engineering Services-Other

0.00

281,027.46

731444 - Prof Svc-Consultant

91,604.66

342,916.87

731472 - Project Construction and Impr

539,637.75

539,637.75

**Engineering Consultant TOTALS**

4,913,000.00	631,242.41	1,163,582.08	\$3,749,417.92
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**FAC - Facility Acquisition**

730352 - Construction

809,008.65

1,801,948.69

731472 - Project Construction and Impr

235,622.47

839,242.27

**Facility Acquisition TOTALS**

17,983,600.00	1,044,631.12	2,641,190.96	\$15,342,409.04
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**INS - Inspection**
**Inspection TOTALS**

260,000.00	0.00	0.00	\$260,000.00
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**LEGAL - Legal and Financial**

731073 - Legal Services

216.00

5,184.00

**Legal and Financial TOTALS**

1,259,000.00	216.00	5,184.00	\$1,253,816.00
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**ROW - Right of Way**

771638 - Drain Equip Labor

2,616.39

16,760.60

771639 - Drain Equipment

137.14

678.82

**Right of Way TOTALS**

265,000.00	2,753.53	17,439.42	\$247,560.58
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**STD - Standard Operation**

730639 - Engineering Services-Other

29,419.81

29,419.81

**Standard Operation TOTALS**

40,000.00	29,419.81	29,419.81	\$10,580.19
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**SUR - Survey Crew**
**Survey Crew TOTALS**

32,000.00	0.00	0.00	\$32,000.00
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**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**OMID NI-EA CONSTRUCTION**  
**100000003308**  
 (as of June 30, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>Project 100000003308 - OMID NI-EA CONSTRUCTION</b>			
<b>Total Project Expenses</b>			
<b>Budget Amount</b>	<b>Month-to-Date Expenses</b>	<b>Life-to-Date Expenses</b>	<b>LTD Variance</b>
\$28,395,600.00	\$1,718,560.55	\$3,903,421.45	\$24,492,178.55
<b>Total Project Revenue</b>			
<b>Account</b>	<b>Month-to-Date Revenue</b>	<b>Life-to-Date Revenue</b>	
605572-Special Assessments	\$0.00	\$6,430,500.35	
697551-Issuance of Bonds	\$0.00	\$21,965,099.65	
TOTAL REVENUE	\$0.00	\$28,395,600.00	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		\$24,492,178.55	

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**NESPS MECH-ELEC CONSTRUCTION**  
**100000003309**  
(as of June 30, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**ADM - Administration**
**Administration TOTALS**

620,000.00	0.00	0.00	\$620,000.00
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**CONT - Contingency**
**Contingency TOTALS**

4,917,000.00	0.00	0.00	\$4,917,000.00
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**ENG - Engineering**

771638 - Drain Equip Labor

11,035.33

67,430.45

771639 - Drain Equipment

370.65

2,557.69

**Engineering TOTALS**

446,000.00	11,405.98	69,988.14	\$376,011.86
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**ENGCON - Engineering Consultant**

730639 - Engineering Services-Other

0.00

633,929.68

731444 - Prof Svc-Consultant

7,727.08

45,589.78

731458 - Professional Services

6,052.79

53,466.83

**Engineering Consultant TOTALS**

3,987,000.00	13,779.87	732,986.29	\$3,254,013.71
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**FAC - Facility Acquisition**

731472 - Project Construction and Impr

1,720,246.58

8,944,950.47

**Facility Acquisition TOTALS**

40,857,000.00	1,720,246.58	8,944,950.47	\$31,912,049.53
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**INS - Inspection**

771638 - Drain Equip Labor

15,824.02

108,632.88

771639 - Drain Equipment

1,804.02

13,574.66

**Inspection TOTALS**

285,000.00	17,628.04	122,207.54	\$162,792.46
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**LEGAL - Legal and Financial**

730940 - Insurance

0.00

96,050.00

**Legal and Financial TOTALS**

2,417,000.00	0.00	96,050.00	\$2,320,950.00
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**ROW - Right of Way**
**Right of Way TOTALS**

393,000.00	0.00	0.00	\$393,000.00
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**STD - Standard Operation**

730940 - Insurance

56,865.00

56,865.00

**Standard Operation TOTALS**

130,000.00	56,865.00	56,865.00	\$73,135.00
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**SUR - Survey Crew**
**Survey Crew TOTALS**

34,000.00	0.00	0.00	\$34,000.00
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<b>Project 100000003309 - NESPS MECH-ELEC CONSTRUCTION</b> <b>Total Project Expenses</b>
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**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**NESPS MECH-ELEC CONSTRUCTION**  
**100000003309**  
 (as of June 30, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$54,086,000.00	\$1,819,925.47	\$10,023,047.44	\$44,062,952.56
<b>Total Project Revenue</b>			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$12,248,377.99	
697551-Issuance of Bonds	\$0.00	\$41,837,622.01	
TOTAL REVENUE	\$0.00	\$54,086,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$44,062,952.56	

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### OMID Segment 5

### 100000003252

(as of June 30, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**ADM - Administration**

730177 - Bond Issuing Cost	0.00	242,201.57	
<b>Administration TOTALS</b>	0.00	242,201.57	(\$242,201.57)

**LEGAL - Legal and Financial**

730177 - Bond Issuing Cost	0.00	514,935.00	
<b>Legal and Financial TOTALS</b>	0.00	514,935.00	(\$514,935.00)

Project 100000003252 - OMID Segment 5			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$0.00	\$0.00	\$757,136.57	(\$757,136.57)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$333,023.00	
655077-Accrued Interest Adjustments	(\$10,611.79)	(\$96,615.94)	
655385-Income from Investments	\$46,825.57	\$614,378.21	
655462-Increase Market Value Invest	\$0.00	(\$401,669.67)	
697219-Premiums on Bonds Sold	\$0.00	\$7,672,724.75	
697551-Issuance of Bonds	\$0.00	(\$6,587,721.66)	
<b>TOTAL REVENUE</b>	<b>\$36,213.78</b>	<b>\$1,534,118.69</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$776,982.12</b>	

**County of Oakland  
OMIDD Maintenance Fund  
Statement of Net Position  
June 30, 2020**

**ASSETS**

Current assets:

Cash	\$ 23,813,318.75
Accrued interest receivable	62,383.79
Due from municipalities	4,257,665.09
Prepaid Expenses	123,161.13
Total assets	<u>\$ 28,256,528.76</u>

**LIABILITIES**

Current liabilities:

Vouchers payable	6,120,073.40
Deposits	4,250.00
Total liabilities	<u>\$ 6,124,323.40</u>

**NET POSITION**

FB Major Maint Reserve	1,952,684.69
FB Capital Improvement Reserve	3,183,980.74
FB Restricted Programs	16,620,539.90
FB Emergency Maint Reserve	375,000.03
Total net position	<u><u>\$ 22,132,205.36</u></u>

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

Oakland County - Water Resources Commissioner's Office  
Fund Equity: Schedule of Reserves and Dedicated Funds  
As of Date: June 30, 2021

Fund	Description	Major Maintenance	Emergency Maintenance	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	1,952,684.69	375,000.03	3,183,980.74	16,620,539.90		22,132,205.36
84915	OMIDD Seg 4						
	- Project 1-1913 Interceptor Seg 4					51,822.56	
	- Project 1-2232 NESPS Gatehouse					-	
	- Project 1-2708 NESPS Odor Corrosion Study					20,898.89	72,721.45
84915	OMIDD Seg 5						
	- No Project					402,211.79	
	- Project 1-3252 Interceptor Seg 5 Bond Issue					776,982.12	
	- Project 1-3308 NESPS Mech / Elect Const					24,492,178.55	
	- Project 1-3309 NI-EA Construction					44,062,952.56	69,734,325.02
Total Equity in Maintenance and Construction Funds							<u>91,939,251.83</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**  
**For the Nine Months Ended June 30, 2021**  
**75% of The Year Complete**

	<b>Amended Budget</b>	<b>Actual</b>
<b>Operating revenues</b>		
Inspection Fees	\$ 170.00	\$ 700.00
Plan Review Fees	80.00	0.00
Sewage Disposal Services	75,350,030.00	56,512,522.53
Prior Years Adjustments	0.00	1,395.03
<b>Total operating revenue:</b>	<b>75,350,280.00</b>	<b>56,514,617.56</b>
<b>Operating expenses</b>		
<b>Contractual services</b>		
Administration	\$ -	\$ 464.74
Contracted Services	6,108,570.00	1,177,197.08
Electrical Service	805,250.00	558,896.28
Engineering Services-Other	0.00	248,030.30
Equipment Maintenance	58,990.00	538,265.37
Equipment Rental	40.00	0.00
Equipment Repair	250.00	598,223.95
Insurance	1,127,300.00	917,252.33
Legal Services	121,180.00	52,013.98
Licenses and Permits	0.00	1,359.60
Natural Gas	80,000.00	10,277.86
Personal Mileage	30.00	0.00
Prof Svc-Consultant	0.00	88,855.11
Professional Services	0.00	1,706.06
Project Construction and Impr	0.00	193,196.61
Public Services	70,000.00	71,630.14
Publishing Legal Notices	2,620.00	0.00
Sewage Disposal Services	69,703,800.00	46,465,774.99
Software Support Maintenance	10,500.00	0.00
Testing Services	0.00	15,901.02
Water and Sewage Charges	125,210.00	105,169.83
Workshops and Meeting	1,500.00	0.00
Total contractual services	<b>78,215,240.00</b>	<b>51,044,215.25</b>
<b>Commodities</b>		
Material and Supplies	\$ 3,130.00	\$ 3,447.88
Total commodities	<b>3,130.00</b>	<b>3,447.88</b>
<b>Internal services</b>		
Drain Equip Materials	\$ 2,190.00	\$ -
Drain Equip Labor	30,760.00	112,133.09
Drain Equipment	7,590.00	5,006.54
Info Tech Development	0.00	6,132.00
Total internal services	<b>40,540.00</b>	<b>123,271.63</b>
Total operating expense	<b>78,258,910.00</b>	<b>51,170,934.76</b>
Operating income (loss)	<b>(2,908,630.00)</b>	<b>5,343,682.80</b>
<b>Nonoperating revenues (expenses)</b>		
Income from investments	\$ 209,500.00	\$ 157,489.50
Insurance Recoveries	0.00	235,149.00
Total nonoperating revenues (expenses)	<b>209,500.00</b>	<b>392,638.50</b>

**County of Oakland**  
**Oakland Macomb InterceptorCh21 Fund**  
**Statement of Revenues, Expenses, and Changes in Net**  
**For the Nine Months Ended June 30, 2021**  
**75% of The Year Complete**

	<u><b>Amended Budget</b></u>	<u><b>Actual</b></u>
Income (loss) before transfer	(2,699,130.00)	5,736,321.30
Transfers in	0.00	0.00
Transfers out	0.00	0.00
Change in net position	<u>(2,699,130.00)</u>	<u>5,736,321.30</u>
Net Position - beginning		16,395,884.06
Net Position - ending		<u><u>\$ 22,132,205.36</u></u>

**OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS**

OMI DD Meeting Date 07/21/2021

		84915	84915	84915	84917	84917	82912	
		1-1913	1-2232	1-2708	1-3308	1-3309		
<u>Payable To</u>	<u>Invoice #</u>	<u>Segment 4</u>	<u>Segment 4 - NIEA East Arm</u>	<u>Segment 4 - NESPS Odor Corrosion Study</u>	<u>Segment 5 NIEA Construction</u>	<u>Segment 5 NESPS Mech / Electric Construction</u>	<u>Oppertions &amp; Maintenance</u>	<u>Total</u>
Oakland County *	WRC Labor/Fringes/Non-direct Labor	1,732.52		398.83	12,522.41	26,859.35		\$41,513.11
Oakland County *	WRC Equipment	87.68		10.47	528.80	2,174.67		\$2,801.62
Oakland County *	WRC Mileage	212.80						\$212.80
Macomb County	Invoice # ARP210156 Personnel, SCADA Maint, & Utilities Invoice Date 7/12/21						19,356.40	\$19,356.40
Applied Science, Inc	Invoice # 28 (ASI Inv. #7864) Services 5/2/21 to 5/29/21					73,673.60		\$73,673.60
Applied Science, Inc	Invoice # 29 (ASI Inv. #7892) Services 5/30/21 to 6/26/21					87,793.39		\$87,793.39
CH2M - LG Design	Invoice # 705773CH027 Services Through 04/30/2021			16,014.62				\$16,014.62
CH2M - LG Design	Invoice # 705773CH029 Services Through 07/02/2021			5,012.29				\$5,012.29
Clark Hill PLC	Invoice # 1103585 Matter 316432 Services Through 05/31/2021				270.00			\$270.00
Clark Hill PLC	Invoice # 1103592 Matter 424741 Services Through 05/31/2021						8,532.00	\$8,532.00
CSM Mechanical, LLC	Invoice # 210MIDD003 Liquid Sperator Traps (2) Invoice Date 4/15/2021						2,989.52	\$2,989.52
CSM Mechanical, LLC	Invoice # 210MIDD008 Install All MAU handles Invoice Date 5/31/2021						817.26	\$817.26
Dickinson Wright PLLC	Invoice # 1564575 Matter 012840-00424 Service through 02/28/21						37.50	\$37.50
Dickinson Wright PLLC	Invoice # 1591548 Matter 012840-00436 Service through 05/31/21						2,437.50	\$2,437.50
GLWA	Invoice # 900-2101-W OMIDD Drone Use Service Date 06/15/2021					133.00		\$133.00
METCO	Invoice # 1811-30 Through 6/27/21						96,763.64	\$96,763.64
Motor City Electric Technologies	Invoice # 93357 NESP SCADA Cut Over Service Date 12/03/20						392.13	\$392.13
Motor City Electric Technologies	Invoice # 93358 NESP SCADA Cut Over Service Date 12/03/20						462.00	\$462.00
Motor City Electric Technologies	Invoice # 93359 NESP SCADA Cut Over Service Date 12/03/20						593.37	\$593.37
Motor City Electric Technologies	Invoice # 93360 NESP SCADA Cut Over Service Date 12/03/20						154.00	\$154.00
Motor City Electric Technologies	Invoice # 93504 NESP SCADA Cut Over Service Date 03/01/21						269.50	\$269.50
Motor City Electric Technologies	Invoice # 93506 NESP SCADA Cut Over Service Date 03/02/21						2,236.70	\$2,236.70
Motor City Electric Technologies	Invoice # 93507 NESP SCADA Cut Over Service Date 03/02/21						308.00	\$308.00
Motor City Electric Technologies	Invoice # 93508 NESP SCADA Cut Over Service Date 03/02/21						799.01	\$799.01
Motor City Electric Technologies	Invoice # 93509 NESP SCADA Cut Over Service Date 03/02/21						77.00	\$77.00
Motor City Electric Technologies	Invoice # 93510 NESP SCADA Cut Over Service Date 03/02/21						308.00	\$308.00
Motor City Electric Technologies	Invoice # 93511 NESP SCADA Cut Over Service Date 03/02/21						1,851.90	\$1,851.90
Motor City Electric Technologies	Invoice # 93512 NESP SCADA Cut Over Service Date 03/02/21						1,337.58	\$1,337.58
Motor City Electric Technologies	Invoice # 93513 NESP SCADA Cut Over Service Date 03/02/21						269.50	\$269.50
Motor City Electric Technologies	Invoice # 93514 NESP SCADA Cut Over Service Date 03/02/21						154.00	\$154.00
NTH Consultants	Inv # 01 2021 OMIDD System Inspection Service Through 6/25/21						1,939.97	\$1,939.97
NTH Consultants	Inv # 07 NI-EA Construction Engineering Service Through 6/25/21				146,585.29			\$146,585.29
NTH Consultants	Inv # 09 NESPS Pumping and Electrical Upgrades Service Through 6/25/21					9,607.55		\$9,607.55
NTH Consultants	Inv # 11 OMIDD NESPS Safety Manual & Crane Support Service Through 6/25/21						1,946.13	\$1,946.13
NTH Consultants	Inv # 25 - OMIDD NI-EA Rehab Services Through 6/25/21				25,584.85			\$25,584.85
NTH Consultants	Inv # 29 - OMIDD System Immediate Repair Service Through 6/25/21						2,805.93	\$2,805.93
PM Technologies	Invoice # 0000144058 Synchronizer Upgrade Invoice Date 3/26/21						1,277.50	\$1,277.50
PM Technologies	Invoice # 0000150870 Low Battery Alarm Service Date 3/15 & 4/14						1,277.50	\$1,277.50
PM Technologies	Invoice # 0000151902 Fuel Remote Box Controller Invoice Date 05/14/2021						300.00	\$300.00
PM Technologies	Invoice # 0000153043 No Power - Generators Fail Service Date 6/6-6/9/21						4,227.64	\$4,227.64
PM Technologies	Invoice # 0000153406 Fuel Dumps Dates 6/7-6/9-6/11/21						44,959.00	\$44,959.00
PM Technologies	Invoice # 0000153840 Coolant Leak Date 06/9/2021						817.50	\$817.50
PM Technologies	Invoice # 0000153841 Operate Generator For Test Date 6/12/2021						1,248.75	\$1,248.75
PM Technologies	Invoice # 0000154143 Power Failure Support Date 6/6-6/7/21						1,440.00	\$1,440.00
PMA Consultants	Invoice # 03559.01 - 12 Professional Services Through 05/31/20						8,242.22	\$8,242.22
PMA Consultants	Invoice # 03559.01 - 13 Professional Services Through 06/30/20						11,848.19	\$11,848.19
Total Invoices/Reimbursements for Approval		\$2,033.00	\$0.00	\$21,436.21	\$185,491.35	\$200,241.56	\$222,476.84	\$631,678.96
	* Less WRC Charges already paid from OMI Fund	(2,033.00)	0.00	(409.30)	(13,051.21)	(29,034.02)	0.00	(44,314.73)
Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board		\$0.00	\$0.00	\$21,026.91	\$172,440.14	\$171,207.54	\$222,476.84	\$587,151.43

## **Agenda Item No. 9**

### **Invoices**

OMI Segment 4 Project - WRC Equipment Charges for Trans Dates -05/22/2021 - 06/18/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
834323	05/27/21	05/24/21	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/27/21	05/24/21	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/27/21	05/25/21	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/27/21	05/25/21	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/27/21	05/26/21	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/27/21	05/26/21	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/27/21	05/27/21	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/27/21	05/27/21	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	100000001913	ENG
					<b>87.68</b>				

OMI Segment 4 Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 05/22/2021 - 06/18/2021									
VOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
834323	05/27/21	05/24/21	POUSHO, ROBERT	8	430.88	REGULAR	WRCCON	100000001913	ENG
834323	05/27/21	05/25/21	POUSHO, ROBERT	8	430.88	REGULAR	WRCCON	100000001913	ENG
834323	05/27/21	05/26/21	POUSHO, ROBERT	8	430.88	REGULAR	WRCCON	100000001913	ENG
834323	05/27/21	05/27/21	POUSHO, ROBERT	8	430.88	REGULAR	WRCCON	100000001913	ENG
					1,723.52				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Descr	Sum BU Amount
6/4/2021	84915	OMIDD Segment 4	100000001913	OMIDD Segment 4	ENG	Pousho 380 Miles 6-11-21	\$ 212.80
							<u>\$ 212.80</u>

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -5/22/2021 - 06/18/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	06/09/2021	06/04/2021	BROWN, JOEL	1.00	\$113.95	REGULAR	WRCCON	100000002708	ENG
864521	06/18/2021	06/10/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000002708	ENG
864521	06/18/2021	06/14/2021	BROWN, JOEL	0.50	\$56.98	REGULAR	WRCCON	100000002708	ENG
					<b>398.83</b>				



OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Equipment Charges for Trans Dates - 05/22/2021 - 06/18/2021									
VOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	06/09/2021	06/04/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	06/09/2021	06/04/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	06/09/2021	06/04/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	06/18/2021	06/10/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	06/18/2021	06/10/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	06/18/2021	06/10/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	06/18/2021	06/14/2021	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	100000002708	ENG
864521	06/18/2021	06/14/2021	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	06/18/2021	06/14/2021	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	100000002708	ENG
					<b>10.47</b>				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
									<div>\$-</div>

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 05/22/2021 - 06/18/2021										
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity	
984657	05/27/2021	05/10/2021	BROWN, JOEL	3.00	\$341.85	REGULAR	WRCCON	10000003308	ENG	
984657	05/27/2021	05/11/2021	BROWN, JOEL	6.00	\$683.70	REGULAR	WRCCON	10000003308	ENG	
984657	05/27/2021	05/12/2021	BROWN, JOEL	3.00	\$341.85	REGULAR	WRCCON	10000003308	ENG	
984657	05/27/2021	05/14/2021	BROWN, JOEL	2.50	\$284.88	REGULAR	WRCCON	10000003308	ENG	
984657	05/27/2021	05/17/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	10000003308	ENG	
984657	05/27/2021	05/18/2021	BROWN, JOEL	2.50	\$284.88	REGULAR	WRCCON	10000003308	ENG	
984657	05/27/2021	05/19/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	10000003308	ENG	
984657	05/27/2021	05/20/2021	BROWN, JOEL	1.00	\$113.95	REGULAR	WRCCON	10000003308	ENG	
984657	05/27/2021	05/21/2021	BROWN, JOEL	3.00	\$341.85	REGULAR	WRCCON	10000003308	ENG	
984657	06/09/2021	05/24/2021	BROWN, JOEL	1.00	\$113.95	REGULAR	WRCCON	10000003308	ENG	
984657	06/09/2021	05/25/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	10000003308	ENG	
984657	06/09/2021	05/26/2021	BROWN, JOEL	3.00	\$341.85	REGULAR	WRCCON	10000003308	ENG	
984657	06/09/2021	05/26/2021	BROWN, JOEL	1.00	\$113.95	REGULAR	WRCCON	10000003308	ENG	
984657	06/09/2021	05/27/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	10000003308	ENG	
984657	06/09/2021	05/28/2021	BROWN, JOEL	1.00	\$113.95	REGULAR	WRCCON	10000003308	ENG	
984657	06/09/2021	06/01/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	10000003308	ENG	
984657	06/09/2021	06/02/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	10000003308	ENG	
984657	06/09/2021	06/03/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	10000003308	ENG	
984657	06/09/2021	06/04/2021	BROWN, JOEL	1.00	\$113.95	REGULAR	WRCCON	10000003308	ENG	
984657	06/18/2021	06/09/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	10000003308	ENG	
984657	06/18/2021	06/10/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	10000003308	ENG	
984657	06/18/2021	06/11/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	10000003308	ENG	
984657	06/18/2021	06/14/2021	BROWN, JOEL	2.50	\$284.88	REGULAR	WRCCON	10000003308	ENG	
984657	06/18/2021	06/15/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	10000003308	ENG	
984657	06/18/2021	06/16/2021	BROWN, JOEL	2.50	\$284.88	REGULAR	WRCCON	10000003308	ENG	
984657	06/18/2021	06/18/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	10000003308	ENG	
			<b>BROWN, JOEL Total</b>		<b>\$6,324.26</b>					
984662	06/10/2021	06/07/2021	LAWREY, DAVID	2.00	\$149.58	REGULAR	WRCROW	10000003308	ROW	
984662	06/10/2021	06/10/2021	LAWREY, DAVID	2.00	\$149.58	REGULAR	WRCROW	10000003308	ROW	
984662	06/16/2021	06/14/2021	LAWREY, DAVID	2.00	\$149.58	REGULAR	WRCROW	10000003308	ROW	
984662	06/16/2021	06/15/2021	LAWREY, DAVID	1.50	\$112.19	REGULAR	WRCROW	10000003308	ROW	
			<b>LAWREY, DAVID Total</b>		<b>\$560.93</b>					
984657	06/04/2021	05/24/2021	LOCKHART, SIDNEY	1.00	\$137.76	REGULAR	WRCADM	10000003308	ENG	
984657	06/04/2021	05/26/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	10000003308	ENG	
984657	06/04/2021	05/27/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	10000003308	ENG	
984657	06/04/2021	05/28/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	10000003308	ENG	
984657	06/04/2021	06/01/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	10000003308	ENG	
984657	06/04/2021	06/02/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	10000003308	ENG	
984657	06/04/2021	06/03/2021	LOCKHART, SIDNEY	1.00	\$137.76	REGULAR	WRCADM	10000003308	ENG	
984657	06/04/2021	06/04/2021	LOCKHART, SIDNEY	1.00	\$137.76	REGULAR	WRCADM	10000003308	ENG	
984657	06/18/2021	06/07/2021	LOCKHART, SIDNEY	1.00	\$137.76	REGULAR	WRCADM	10000003308	ENG	
984657	06/18/2021	06/09/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	10000003308	ENG	
984657	06/18/2021	06/10/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	10000003308	ENG	
984657	06/18/2021	06/11/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	10000003308	ENG	
984657	06/18/2021	06/14/2021	LOCKHART, SIDNEY	1.00	\$137.76	REGULAR	WRCADM	10000003308	ENG	
984657	06/18/2021	06/15/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	10000003308	ENG	
984657	06/18/2021	06/16/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	10000003308	ENG	
984657	06/18/2021	06/17/2021	LOCKHART, SIDNEY	1.00	\$137.76	REGULAR	WRCADM	10000003308	ENG	
			<b>LOCKHART, SIDNEY Total</b>		<b>\$3,581.76</b>					
984662	06/07/2021	05/27/2021	PARROTT, JEFFREY	2.00	\$164.92	REGULAR	WRCROW	10000003308	ROW	
984662	06/07/2021	06/01/2021	PARROTT, JEFFREY	2.50	\$206.15	REGULAR	WRCROW	10000003308	ROW	
984662	06/07/2021	06/04/2021	PARROTT, JEFFREY	1.00	\$82.46	REGULAR	WRCROW	10000003308	ROW	
984662	06/18/2021	06/07/2021	PARROTT, JEFFREY	2.00	\$164.92	REGULAR	WRCROW	10000003308	ROW	
984662	06/18/2021	06/07/2021	PARROTT, JEFFREY	1.50	\$140.28	OVERTIME	WRCROW	10000003308	ROW	
984662	06/18/2021	06/09/2021	PARROTT, JEFFREY	2.00	\$164.92	REGULAR	WRCROW	10000003308	ROW	
984662	06/18/2021	06/10/2021	PARROTT, JEFFREY	5.00	\$412.30	REGULAR	WRCROW	10000003308	ROW	
984662	06/18/2021	06/14/2021	PARROTT, JEFFREY	2.00	\$164.92	REGULAR	WRCROW	10000003308	ROW	
984662	06/18/2021	06/14/2021	PARROTT, JEFFREY	1.00	\$93.52	OVERTIME	WRCROW	10000003308	ROW	
984662	06/18/2021	06/16/2021	PARROTT, JEFFREY	1.50	\$123.69	REGULAR	WRCROW	10000003308	ROW	
984662	06/18/2021	06/17/2021	PARROTT, JEFFREY	1.50	\$123.69	REGULAR	WRCROW	10000003308	ROW	
			<b>PARROTT, JEFFREY Total</b>		<b>\$1,841.77</b>					
984662	06/16/2021	06/15/2021	ROBINSON, RYAN	3.00	\$213.69	REGULAR	WRCCDM	10000003308	ROW	
			<b>ROBINSON, RYAN Total</b>		<b>\$213.69</b>					
			<b>Grand Total</b>		<b>\$12,522.41</b>					

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 05/22/2021 - 6/18/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984657	05/27/2021	05/10/2021	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000003308	ENG
984657	05/27/2021	05/10/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	05/27/2021	05/10/2021	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000003308	ENG
984657	05/27/2021	05/11/2021	BROWN, JOEL	6.00	\$2.40	ASSIGNED	Cell Phone	100000003308	ENG
984657	05/27/2021	05/11/2021	BROWN, JOEL	6.00	\$1.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	05/27/2021	05/11/2021	BROWN, JOEL	6.00	\$14.04	ASSIGNED	PC/Computer	100000003308	ENG
984657	05/27/2021	05/12/2021	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000003308	ENG
984657	05/27/2021	05/12/2021	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000003308	ENG
984657	05/27/2021	05/12/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	05/27/2021	05/14/2021	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	05/27/2021	05/14/2021	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	100000003308	ENG
984657	05/27/2021	05/14/2021	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	100000003308	ENG
984657	05/27/2021	05/17/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	05/27/2021	05/17/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	05/27/2021	05/17/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	05/27/2021	05/18/2021	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	05/27/2021	05/18/2021	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	100000003308	ENG
984657	05/27/2021	05/18/2021	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	100000003308	ENG
984657	05/27/2021	05/19/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	05/27/2021	05/19/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	05/27/2021	05/19/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	05/27/2021	05/20/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	05/27/2021	05/20/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000003308	ENG
984657	05/27/2021	05/20/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000003308	ENG
984657	05/27/2021	05/21/2021	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000003308	ENG
984657	05/27/2021	05/21/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	05/27/2021	05/21/2021	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/09/2021	05/24/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/09/2021	05/24/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/09/2021	05/24/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/09/2021	05/25/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/09/2021	05/25/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/09/2021	05/25/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/09/2021	05/26/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/09/2021	05/26/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/09/2021	05/26/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/09/2021	05/26/2021	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/09/2021	05/26/2021	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/09/2021	05/26/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/09/2021	05/27/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/09/2021	05/27/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/09/2021	05/27/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/09/2021	05/28/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/09/2021	05/28/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/09/2021	05/28/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/09/2021	06/01/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/09/2021	06/01/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/09/2021	06/01/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/09/2021	06/02/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/09/2021	06/02/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/09/2021	06/02/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/09/2021	06/03/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/09/2021	06/03/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/09/2021	06/03/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/09/2021	06/04/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/09/2021	06/04/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/09/2021	06/04/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/18/2021	06/09/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/18/2021	06/09/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/18/2021	06/09/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/18/2021	06/10/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/18/2021	06/10/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/18/2021	06/10/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/18/2021	06/11/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/18/2021	06/11/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/18/2021	06/11/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/18/2021	06/14/2021	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/18/2021	06/14/2021	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/18/2021	06/14/2021	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/18/2021	06/15/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG

9a3. OMI Seg 5 NI-EA Construction Project - WRC labor-FB-NPF-EQP for 07-21-21 meeting

984657	06/18/2021	06/16/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	06/18/2021	06/16/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/18/2021	06/16/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/18/2021	06/17/2021	LOCKHART, SIDNEY	1.00	\$0.40	ASSIGNED	Cell Phone	100000003308	ENG
984657	06/18/2021	06/17/2021	LOCKHART, SIDNEY	1.00	\$2.34	ASSIGNED	PC/Computer	100000003308	ENG
984657	06/18/2021	06/17/2021	LOCKHART, SIDNEY	1.00	\$5.69	ASSIGNED	Blazer/Suburbans	100000003308	ENG
984657	06/18/2021	06/17/2021	LOCKHART, SIDNEY	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003308	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>\$225.68</b>				
984662	06/07/2021	05/27/2021	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ROW
984662	06/07/2021	05/27/2021	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ROW
984662	06/07/2021	05/27/2021	PARROTT, JEFFREY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	06/07/2021	06/01/2021	PARROTT, JEFFREY	2.50	\$0.63	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	06/07/2021	06/01/2021	PARROTT, JEFFREY	2.50	\$1.00	ASSIGNED	Cell Phone	100000003308	ROW
984662	06/07/2021	06/01/2021	PARROTT, JEFFREY	2.50	\$5.85	ASSIGNED	PC/Computer	100000003308	ROW
984662	06/07/2021	06/04/2021	PARROTT, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000003308	ROW
984662	06/07/2021	06/04/2021	PARROTT, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000003308	ROW
984662	06/07/2021	06/04/2021	PARROTT, JEFFREY	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	06/18/2021	06/07/2021	PARROTT, JEFFREY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	06/18/2021	06/07/2021	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ROW
984662	06/18/2021	06/07/2021	PARROTT, JEFFREY	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	06/18/2021	06/07/2021	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ROW
984662	06/18/2021	06/07/2021	PARROTT, JEFFREY	1.50	\$3.51	ASSIGNED	PC/Computer	100000003308	ROW
984662	06/18/2021	06/07/2021	PARROTT, JEFFREY	1.50	\$0.60	ASSIGNED	Cell Phone	100000003308	ROW
984662	06/18/2021	06/09/2021	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ROW
984662	06/18/2021	06/09/2021	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ROW
984662	06/18/2021	06/09/2021	PARROTT, JEFFREY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	06/18/2021	06/10/2021	PARROTT, JEFFREY	5.00	\$11.70	ASSIGNED	PC/Computer	100000003308	ROW
984662	06/18/2021	06/10/2021	PARROTT, JEFFREY	5.00	\$2.00	ASSIGNED	Cell Phone	100000003308	ROW
984662	06/18/2021	06/10/2021	PARROTT, JEFFREY	5.00	\$1.25	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	06/18/2021	06/14/2021	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ROW
984662	06/18/2021	06/14/2021	PARROTT, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000003308	ROW
984662	06/18/2021	06/14/2021	PARROTT, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000003308	ROW
984662	06/18/2021	06/14/2021	PARROTT, JEFFREY	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	06/18/2021	06/14/2021	PARROTT, JEFFREY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	06/18/2021	06/14/2021	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ROW
984662	06/18/2021	06/16/2021	PARROTT, JEFFREY	1.50	\$0.60	ASSIGNED	Cell Phone	100000003308	ROW
984662	06/18/2021	06/16/2021	PARROTT, JEFFREY	1.50	\$3.51	ASSIGNED	PC/Computer	100000003308	ROW
984662	06/18/2021	06/16/2021	PARROTT, JEFFREY	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	06/18/2021	06/17/2021	PARROTT, JEFFREY	1.50	\$0.60	ASSIGNED	Cell Phone	100000003308	ROW
984662	06/18/2021	06/17/2021	PARROTT, JEFFREY	1.50	\$3.51	ASSIGNED	PC/Computer	100000003308	ROW
984662	06/18/2021	06/17/2021	PARROTT, JEFFREY	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000003308	ROW
			<b>PARROTT, JEFFREY Total</b>		<b>\$65.80</b>				
984662	06/16/2021	06/15/2021	ROBINSON, RYAN	3.00	\$1.20	ASSIGNED	Cell Phone	100000003308	ROW
984662	06/16/2021	06/15/2021	ROBINSON, RYAN	3.00	\$7.02	ASSIGNED	PC/Computer	100000003308	ROW
984662	06/16/2021	06/15/2021	ROBINSON, RYAN	3.00	\$17.07	ASSIGNED	3/4 Ton Pick-up	100000003308	ROW
			<b>ROBINSON, RYAN Total</b>		<b>\$25.29</b>				
			<b>Grand Total</b>		<b>\$528.80</b>				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
									<div>\$-</div>

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -05/22/2021 - 06/18/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984656	05/27/2021	05/10/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003309	ENG
984656	05/27/2021	05/11/2021	BROWN, JOEL	1.00	\$113.95	REGULAR	WRCCON	100000003309	ENG
984656	05/27/2021	05/12/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003309	ENG
984656	05/27/2021	05/13/2021	BROWN, JOEL	6.00	\$683.70	REGULAR	WRCCON	100000003309	ENG
984656	05/27/2021	05/14/2021	BROWN, JOEL	2.50	\$284.88	REGULAR	WRCCON	100000003309	ENG
984656	05/27/2021	05/17/2021	BROWN, JOEL	1.00	\$113.95	REGULAR	WRCCON	100000003309	ENG
984656	05/27/2021	05/18/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003309	ENG
984656	05/27/2021	05/19/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003309	ENG
984656	05/27/2021	05/20/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	100000003309	ENG
984656	05/27/2021	05/20/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003309	ENG
984656	05/27/2021	05/21/2021	BROWN, JOEL	1.00	\$113.95	REGULAR	WRCCON	100000003309	ENG
984656	06/09/2021	05/24/2021	BROWN, JOEL	3.00	\$341.85	REGULAR	WRCCON	100000003309	ENG
984656	06/09/2021	05/25/2021	BROWN, JOEL	2.50	\$284.88	REGULAR	WRCCON	100000003309	ENG
984656	06/09/2021	05/26/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003309	ENG
984656	06/09/2021	05/27/2021	BROWN, JOEL	5.50	\$626.73	REGULAR	WRCCON	100000003309	ENG
984656	06/09/2021	05/28/2021	BROWN, JOEL	4.00	\$455.80	REGULAR	WRCCON	100000003309	ENG
984656	06/09/2021	06/01/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003309	ENG
984656	06/09/2021	06/02/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003309	ENG
984656	06/09/2021	06/03/2021	BROWN, JOEL	3.00	\$341.85	REGULAR	WRCCON	100000003309	ENG
984656	06/09/2021	06/04/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003309	ENG
984656	06/18/2021	06/07/2021	BROWN, JOEL	6.00	\$683.70	REGULAR	WRCCON	100000003309	ENG
984656	06/18/2021	06/09/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	100000003309	ENG
984656	06/18/2021	06/10/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003309	ENG
984656	06/18/2021	06/11/2021	BROWN, JOEL	5.00	\$569.75	REGULAR	WRCCON	100000003309	ENG
984656	06/18/2021	06/14/2021	BROWN, JOEL	2.50	\$284.88	REGULAR	WRCCON	100000003309	ENG
984656	06/18/2021	06/15/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003309	ENG
984656	06/18/2021	06/16/2021	BROWN, JOEL	2.50	\$284.88	REGULAR	WRCCON	100000003309	ENG
984656	06/18/2021	06/17/2021	BROWN, JOEL	5.50	\$626.73	REGULAR	WRCCON	100000003309	ENG
984656	06/18/2021	06/18/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	100000003309	ENG
			<b>BROWN, JOEL Total</b>		<b>\$8,831.17</b>				
984664	05/26/2021	05/26/2021	CARLEY, JOSEPH	3.00	\$235.56	REGULAR	WRCCDM	100000003309	INS
984664	06/10/2021	06/10/2021	CARLEY, JOSEPH	2.00	\$157.04	REGULAR	WRCCDM	100000003309	INS
			<b>CARLEY, JOSEPH Total</b>		<b>\$392.60</b>				
984656	06/04/2021	05/25/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	06/04/2021	05/27/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	06/04/2021	06/02/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	06/04/2021	06/04/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	06/18/2021	06/08/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	06/18/2021	06/10/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	06/18/2021	06/14/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	06/18/2021	06/16/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>\$2,204.16</b>				
984664	05/22/2021	05/22/2021	ROBERTS, PATRICK	8.00	\$646.24	OVERTIME	WRCCDM	100000003309	INS
984664	05/24/2021	05/24/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	05/24/2021	05/24/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	05/25/2021	05/25/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	05/25/2021	05/25/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	05/26/2021	05/26/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	05/26/2021	05/26/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	05/27/2021	05/27/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	05/27/2021	05/27/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	05/28/2021	05/28/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	05/28/2021	05/28/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	06/01/2021	06/01/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/01/2021	06/01/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	06/02/2021	06/02/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/02/2021	06/02/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	06/03/2021	06/03/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/03/2021	06/03/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	06/04/2021	06/04/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/04/2021	06/04/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	06/07/2021	06/07/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/07/2021	06/07/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	06/09/2021	06/08/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/09/2021	06/08/2021	ROBERTS, PATRICK	3.00	\$242.34	OVERTIME	WRCCDM	100000003309	INS
984664	06/09/2021	06/09/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/09/2021	06/09/2021	ROBERTS, PATRICK	3.00	\$242.34	OVERTIME	WRCCDM	100000003309	INS
984664	06/10/2021	06/10/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/10/2021	06/10/2021	ROBERTS, PATRICK	3.00	\$242.34	OVERTIME	WRCCDM	100000003309	INS
984664	06/11/2021	06/11/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/11/2021	06/11/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	06/12/2021	06/12/2021	ROBERTS, PATRICK	4.00	\$323.12	OVERTIME	WRCCDM	100000003309	INS
984664	06/14/2021	06/14/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/14/2021	06/14/2021	ROBERTS, PATRICK	3.00	\$242.34	OVERTIME	WRCCDM	100000003309	INS



984664	06/15/2021	06/15/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/15/2021	06/15/2021	ROBERTS, PATRICK	3.00	\$242.34	OVERTIME	WRCCDM	100000003309	INS
984664	06/16/2021	06/16/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/16/2021	06/16/2021	ROBERTS, PATRICK	3.00	\$242.34	OVERTIME	WRCCDM	100000003309	INS
984664	06/17/2021	06/17/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/17/2021	06/17/2021	ROBERTS, PATRICK	3.00	\$242.34	OVERTIME	WRCCDM	100000003309	INS
984664	06/18/2021	06/18/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	06/18/2021	06/18/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
			<b>ROBERTS, PATRICK Total</b>		<b>\$15,431.42</b>				
			<b>Grand Total</b>		<b>\$26,859.35</b>				

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 05/22/2021 - 06/18/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984656	05/27/2021	05/10/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	05/27/2021	05/10/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	05/27/2021	05/10/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	05/27/2021	05/11/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000003309	ENG
984656	05/27/2021	05/11/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000003309	ENG
984656	05/27/2021	05/11/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	05/27/2021	05/12/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	05/27/2021	05/12/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	05/27/2021	05/12/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	05/27/2021	05/13/2021	BROWN, JOEL	6.00	\$2.40	ASSIGNED	Cell Phone	100000003309	ENG
984656	05/27/2021	05/13/2021	BROWN, JOEL	6.00	\$14.04	ASSIGNED	PC/Computer	100000003309	ENG
984656	05/27/2021	05/13/2021	BROWN, JOEL	6.00	\$1.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	05/27/2021	05/14/2021	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	05/27/2021	05/14/2021	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	100000003309	ENG
984656	05/27/2021	05/14/2021	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	05/27/2021	05/17/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000003309	ENG
984656	05/27/2021	05/17/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000003309	ENG
984656	05/27/2021	05/17/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	05/27/2021	05/18/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	05/27/2021	05/18/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	05/27/2021	05/18/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	05/27/2021	05/19/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	05/27/2021	05/19/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	05/27/2021	05/19/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	05/27/2021	05/20/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	05/27/2021	05/20/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000003309	ENG
984656	05/27/2021	05/20/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	05/27/2021	05/20/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000003309	ENG
984656	05/27/2021	05/20/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	05/27/2021	05/20/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	05/27/2021	05/21/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000003309	ENG
984656	05/27/2021	05/21/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000003309	ENG
984656	05/27/2021	05/21/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/09/2021	05/24/2021	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/09/2021	05/24/2021	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/09/2021	05/24/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/09/2021	05/25/2021	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/09/2021	05/25/2021	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/09/2021	05/25/2021	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/09/2021	05/26/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/09/2021	05/26/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/09/2021	05/26/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/09/2021	05/27/2021	BROWN, JOEL	5.50	\$2.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/09/2021	05/27/2021	BROWN, JOEL	5.50	\$12.87	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/09/2021	05/27/2021	BROWN, JOEL	5.50	\$1.38	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/09/2021	05/28/2021	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/09/2021	05/28/2021	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/09/2021	05/28/2021	BROWN, JOEL	4.00	\$1.00	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/09/2021	06/01/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/09/2021	06/01/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/09/2021	06/01/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/09/2021	06/02/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/09/2021	06/02/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/09/2021	06/02/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/09/2021	06/03/2021	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/09/2021	06/03/2021	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/09/2021	06/03/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/09/2021	06/04/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/09/2021	06/04/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/09/2021	06/04/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/18/2021	06/07/2021	BROWN, JOEL	6.00	\$2.40	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/18/2021	06/07/2021	BROWN, JOEL	6.00	\$14.04	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/18/2021	06/07/2021	BROWN, JOEL	6.00	\$1.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/18/2021	06/09/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/18/2021	06/09/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/18/2021	06/09/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/18/2021	06/10/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/18/2021	06/10/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/18/2021	06/10/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/18/2021	06/11/2021	BROWN, JOEL	5.00	\$2.00	ASSIGNED	Cell Phone	100000003309	ENG

984656	06/18/2021	06/11/2021	BROWN, JOEL	5.00	\$11.70	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/18/2021	06/11/2021	BROWN, JOEL	5.00	\$1.25	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/18/2021	06/14/2021	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/18/2021	06/14/2021	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/18/2021	06/14/2021	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/18/2021	06/15/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/18/2021	06/15/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/18/2021	06/15/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/18/2021	06/16/2021	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/18/2021	06/16/2021	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/18/2021	06/16/2021	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/18/2021	06/17/2021	BROWN, JOEL	5.50	\$2.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/18/2021	06/17/2021	BROWN, JOEL	5.50	\$12.87	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/18/2021	06/17/2021	BROWN, JOEL	5.50	\$1.38	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/18/2021	06/18/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/18/2021	06/18/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/18/2021	06/18/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000003309	ENG
			<b>BROWN, JOEL Total</b>		<b>\$231.77</b>				
984664	05/26/2021	05/26/2021	CARLEY, JOSEPH	3.00	\$17.07	ASSIGNED	3/4 Ton Pick-up	100000003309	INS
984664	05/26/2021	05/26/2021	CARLEY, JOSEPH	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	INS
984664	05/26/2021	05/26/2021	CARLEY, JOSEPH	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	INS
984664	06/10/2021	06/10/2021	CARLEY, JOSEPH	2.00	\$11.38	ASSIGNED	3/4 Ton Pick-up	100000003309	INS
984664	06/10/2021	06/10/2021	CARLEY, JOSEPH	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	06/10/2021	06/10/2021	CARLEY, JOSEPH	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
			<b>CARLEY, JOSEPH Total</b>		<b>\$42.15</b>				
984656	06/04/2021	05/25/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	06/04/2021	05/25/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/04/2021	05/25/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/04/2021	05/25/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/04/2021	05/27/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	06/04/2021	05/27/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/04/2021	05/27/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/04/2021	05/27/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/04/2021	06/02/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	06/04/2021	06/02/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/04/2021	06/02/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/04/2021	06/02/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/04/2021	06/04/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	06/04/2021	06/04/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/04/2021	06/04/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/04/2021	06/04/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/18/2021	06/08/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	06/18/2021	06/08/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/18/2021	06/08/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/18/2021	06/08/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/18/2021	06/10/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	06/18/2021	06/10/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/18/2021	06/10/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/18/2021	06/10/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/18/2021	06/14/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	06/18/2021	06/14/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/18/2021	06/14/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/18/2021	06/14/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	06/18/2021	06/16/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	06/18/2021	06/16/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	06/18/2021	06/16/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	06/18/2021	06/16/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>\$138.88</b>				
984664	05/22/2021	05/22/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/22/2021	05/22/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	05/22/2021	05/22/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	05/24/2021	05/24/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/24/2021	05/24/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/24/2021	05/24/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	05/24/2021	05/24/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	05/24/2021	05/24/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	05/24/2021	05/24/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	05/25/2021	05/25/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/25/2021	05/25/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/25/2021	05/25/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	05/25/2021	05/25/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	05/25/2021	05/25/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	05/25/2021	05/25/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS

OMI Seg 5 NESPS Mechanical - Electrical Construction Project - WRC labor-FB-NPF-EQP for 07-21-2021 meeting

984664	06/12/2021	06/12/2021	ROBERTS, PATRICK	4.00	\$1.60	ASSIGNED	Cell Phone	100000003309	INS
984664	06/12/2021	06/12/2021	ROBERTS, PATRICK	4.00	\$9.36	ASSIGNED	PC/Computer	100000003309	INS
984664	06/14/2021	06/14/2021	ROBERTS, PATRICK	3.00	\$17.07	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	06/14/2021	06/14/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	06/14/2021	06/14/2021	ROBERTS, PATRICK	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	INS
984664	06/14/2021	06/14/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	06/14/2021	06/14/2021	ROBERTS, PATRICK	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	INS
984664	06/14/2021	06/14/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	06/15/2021	06/15/2021	ROBERTS, PATRICK	3.00	\$17.07	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	06/15/2021	06/15/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	06/15/2021	06/15/2021	ROBERTS, PATRICK	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	INS
984664	06/15/2021	06/15/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	06/15/2021	06/15/2021	ROBERTS, PATRICK	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	INS
984664	06/15/2021	06/15/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	06/16/2021	06/16/2021	ROBERTS, PATRICK	3.00	\$17.07	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	06/16/2021	06/16/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	06/16/2021	06/16/2021	ROBERTS, PATRICK	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	INS
984664	06/16/2021	06/16/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	06/16/2021	06/16/2021	ROBERTS, PATRICK	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	INS
984664	06/16/2021	06/16/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	06/17/2021	06/17/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	06/17/2021	06/17/2021	ROBERTS, PATRICK	3.00	\$17.07	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	06/17/2021	06/17/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	06/17/2021	06/17/2021	ROBERTS, PATRICK	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	INS
984664	06/17/2021	06/17/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	06/17/2021	06/17/2021	ROBERTS, PATRICK	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	INS
984664	06/18/2021	06/18/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	06/18/2021	06/18/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	06/18/2021	06/18/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	06/18/2021	06/18/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	06/18/2021	06/18/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	06/18/2021	06/18/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
			<b>ROBERTS, PATRICK Total</b>		<b>\$1,761.87</b>				
			<b>Grand Total</b>		<b>\$2,174.67</b>				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
									\$ -



**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  
**07/12/2021**

Invoice  
**ARP210156**

REF DATE	DESCRIPTION	AMOUNT
Work Order: # WO20016 WO Descrip: OMID Expenses/Revenue		
07/12/2021	Personnel Reimb. 4/3-6/25/21	14,492.19
Work Order: # WO20016 WO Descrip: OMID Expenses/Revenue		
07/12/2021	SCADA Maintenance	2,641.75
Work Order: # WO20016 WO Descrip: OMID Expenses/Revenue		
07/12/2021	Utility Reimbursement	2,222.46
<b>Charges</b>		<b>19,356.40</b>
<b>Amount Due</b>		<b>\$19,356.40</b>

Please direct inquiries about your account to:

Phone: (586) 469-5325 - Finance Department

Email: [bruce.manning@macombgov.org](mailto: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: 07/12/2021

Invoice Number: ARP210156

Amount Due: \$19,356.40

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





# Applied Science, Inc.

300 River Place Suite 5400 Detroit, MI 48207

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

www.asi-detroit.com

June 8, 2021

Project Invoice #28 (ASI Inv. #7864)

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 li# 41133 exp. 6/26/21 v#352  
(ASI Job No. 1815)

Invoice Period: 5/2/21-5/29/21

Task No.	Task Description	Total This Invoice
1	Transition & Basis of Design	
	Total:	\$ -

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

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

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 10,051.00
	Subconsultants:	
	NTH Consultants	\$ 30,429.25
	Metco Services	\$ 26,720.00
	FK Engineering:	\$ 3,443.70
	ASI Markup 5%:	\$ 3,029.65
	Total Due This Invoice:	\$ 73,673.60

Total Due This Invoice:	\$ 73,673.60
Previous Amount Invoiced:	\$ 2,147,573.73
Total Invoiced To-Date	\$ 2,221,247.33
Contract Task Total:	\$ 4,198,380.00
Amount Remaining:	\$ 1,977,132.67

84917 - 149015 - 730639 - 1-3309 engcon

JTB 7/2/21





# Applied Science, Inc.

300 River Place Suite 5400 Detroit, MI 48207  
Phone: (313) 567-3990 Fax: (313) 567-3750  
www.asi-detroit.com

June 30, 2021

Project Invoice #29 (ASI Inv. #7892)

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) **li# 41133 exp. 6/26/21 v#352**

Invoice Period: 5/30/21-6/26/21

Task No.	Task Description	Total This Invoice
1	Transition & Basis of Design	
	Total:	\$ -

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

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

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 9,631.00
	Subconsultants:	
	NTH Consultants	\$ 43,764.62
	Metco Services	\$ 28,270.00
	FK Engineering:	\$ 2,405.75
	ASI Markup 5%:	\$ 3,722.02
	Total Due This Invoice:	\$ 87,793.39

Total Due This Invoice:	\$ 87,793.39
Previous Amount Invoiced:	\$ 2,221,247.33
Total Invoiced To-Date	\$ 2,309,040.72
Contract Task Total:	\$ 4,198,380.00
Amount Remaining:	\$ 1,889,339.28

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

JTB 7/2/21



LG Design is a Subsidiary of CH2M Hill Engineers

Oakland-Macomb Interceptor Drain Drainage District  
Oakland County Water Resources Commissioner  
One Public Works Drive  
Waterford, MI 48328  
248-858-0958

Invoice Contact:  
[Sandy.Pepper@jacobs.com](mailto:Sandy.Pepper@jacobs.com)

Remit to:

LG Design, Inc.  
Attn: Judy Rives  
1041 East Butler Road  
Greenville, SC. 29607  
Tax ID : 20-0936384

Invoice Date: 5/6/2021  
CH2M HILL Project No. 705773CH  
CH2M HILL Invoice No. 705773CH027  
Sequential Invoice Number: 28

**PROFESSIONAL SERVICES RENDERED FOR THE OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDDD)  
BIOTRICKLING FILTER DESIGN AND CONSTRUCTION OVERSIGHT**

This invoice includes labor and expenses for the period:  
From April 3, 2021 through April 30, 2021

84915 - 149015 - 730373 - 5456 - 1-2708 Ch 21 - eng con v#22147 exp. 6/26/23 li#41407

*JL R*

7/2/21

Authorized Amount: \$ 1,272,470.46  
Current Invoice: \$ 16,014.62  
Total Invoiced: \$ 1,208,716.65  
Percent Complete: 94.99%  
Remaining Budget: \$ 63,753.81

**Total Amount Due: \$ 16,014.62**

Project/Task Number	Description	Total Budget	Previously Invoiced	Current Invoice	Total Invoiced	Percent Spent	Remaining Budget
1	PROJECT MANAGEMENT	\$ 33,527.00	\$ 33,504.07	\$ -	\$ 33,504.07	99.93%	\$ 22.93
2	PRELIMINARY DESIGN	\$ 73,599.00	\$ 73,519.37	\$ -	\$ 73,519.37	99.89%	\$ 79.63
3	FINAL DESIGN	\$ 195,027.00	\$ 195,009.84	\$ -	\$ 195,009.84	99.99%	\$ 17.16
4	BIDDING	\$ 31,841.46	\$ 31,840.94	\$ -	\$ 31,840.94	100.00%	\$ 0.52
5	CONSTRUCTION OBSERVATION	\$ 325,731.16	\$ 325,621.07	\$ 90.85	\$ 325,711.92	99.99%	\$ 19.24
6	REVIEW SUBMITTALS	\$ 85,648.00	\$ 85,581.87	\$ -	\$ 85,581.87	99.92%	\$ 66.13
7	CHANGES & CLAIMS	\$ 17,361.00	\$ 17,274.11	\$ -	\$ 17,274.11	99.50%	\$ 86.89
8	SITE INSPECTION	\$ 31,998.07	\$ 31,853.73	\$ 121.80	\$ 31,975.53	99.93%	\$ 22.54
9	PREPARE O&M MANUAL	\$ 24,960.50	\$ -	\$ 10,230.46	\$ 10,230.46	40.99%	\$ 14,730.04
10	PROVIDE OPERATING TRAINING	\$ 9,082.00	\$ 6,112.88	\$ -	\$ 6,112.88	67.31%	\$ 2,969.12
11	ASSIST WITH FACILITY START-UP	\$ 17,129.00	\$ 10,275.89	\$ -	\$ 10,275.89	59.99%	\$ 6,853.11
12	PREPARE RECORD DRAWINGS	\$ 9,803.00	\$ 504.32	\$ -	\$ 504.32	5.14%	\$ 9,298.68
13	WARRANTY & PERFORMANCE REVIEWS	\$ 15,925.00	\$ 3,216.42	\$ 3,814.01	\$ 7,030.43	44.15%	\$ 8,894.57
14	PROJECT PLANNING	\$ 25,000.00	\$ 24,997.75	\$ -	\$ 24,997.75	99.99%	\$ 2.25
EX	EXPENSES	\$ 17,175.62	\$ 17,175.62	\$ -	\$ 17,175.62	100.00%	\$ -
SUB.METCO	ELECTRICAL ENGINEERING	\$ 74,194.50	\$ 74,194.50	\$ -	\$ 74,194.50	100.00%	\$ -
SUB.NTH	GEOTECH INVESTIGATION	\$ 258,527.15	\$ 256,769.65	\$ 1,757.50	\$ 258,527.15	100.00%	\$ -
SUB.SDA	SITE SURVEY	\$ 5,250.00	\$ 5,250.00	\$ -	\$ 5,250.00	100.00%	\$ -
<b>Subtotal:</b>		\$ 1,251,779.46	\$ 1,192,702.03	\$ 16,014.62	\$ 1,208,716.65	96.56%	\$ 43,062.81
<b>Allowance</b>		\$ 20,691.00	\$ -	\$ -	\$ -	0.00%	\$ 20,691.00
<b>Total:</b>		\$ 1,272,470.46	\$ 1,192,702.03	\$ 16,014.62	\$ 1,208,716.65	96.56%	\$ 63,753.81

**OUTSTANDING INVOICES:**

INVOICE DATE	INVOICE #	AMOUNT
<b>Total:</b>		\$ -
Current invoice		\$ 16,014.62
<b>TOTAL DUE:</b>		\$ 16,014.62

**Payment term: 30 calendar days (NET)**

FINANCE CHARGES WILL BE ASSESSED AT 1% PERCENT PER MONTH (OR MAXIMUM PERMISSIBLE UNDER STATE LAW) ON ALL ACCOUNTS OVERDUE UNLESS STATED OTHERWISE IN OUR CONTRACT. CH2M HILL IS INCORPORATED.

**Electronic payment details:**

Beneficiary Bank: Wells Fargo  
ABA No: 121000248  
Account No (USD): 4121034003  
SWIFT: WFBUS6S



LG Design is a Subsidiary of CH2M Hill Engineers

Oakland-Macomb Interceptor Drain Drainage District  
Oakland County Water Resources Commissioner  
One Public Works Drive  
Waterford, MI 48328  
248-858-0958

Invoice Contact:  
[Sandy.Pepper@Jacobs.com](mailto:Sandy.Pepper@Jacobs.com)

Remit to:

LG Design, Inc.  
Attn: Judy Rives  
1041 East Butler Road  
Greenville, SC. 29607  
Tax ID : 20-0936384

Invoice Date: 7/8/2021  
CH2M HILL Project No.: 705773CH  
CH2M HILL Invoice No.: 705773CH029  
Sequential Invoice Number: 30

**PROFESSIONAL SERVICES RENDERED FOR THE OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDDD)**  
**BIOTRICKLING FILTER DESIGN AND CONSTRUCTION OVERSIGHT**  
This invoice includes labor and expenses for the period:  
*From May 29, 2021 through July 2, 2021*

**84915 - 149015 - 730373 - 5456 - 1-2708 Ch 21 - eng con v#22147 exp. 6/26/23 li#41407**

**Authorized Amount: \$ 1,272,470.46**  
Current Invoice: \$ 5,012.29  
Total Invoiced: \$ 1,221,415.05  
Percent Complete: 95.99%  
Remaining Budget: \$ 51,055.41

**Total Amount Due: \$ 5,012.29**

Project/Task Number	Description	Total Budget	Previously Invoiced	Current Invoice	Total Invoiced	Percent Spent	Remaining Budget
1	PROJECT MANAGEMENT	\$ 33,527.00	\$ 33,504.07	\$ -	\$ 33,504.07	99.93%	\$ 22.93
2	PRELIMINARY DESIGN	\$ 73,599.00	\$ 73,519.37	\$ -	\$ 73,519.37	99.89%	\$ 79.63
3	FINAL DESIGN	\$ 195,027.00	\$ 195,009.84	\$ -	\$ 195,009.84	99.99%	\$ 17.16
4	BIDDING	\$ 31,841.46	\$ 31,840.94	\$ -	\$ 31,840.94	100.00%	\$ 0.52
5	CONSTRUCTION OBSERVATION	\$ 325,731.16	\$ 325,711.92	\$ -	\$ 325,711.92	99.99%	\$ 19.24
6	REVIEW SUBMITTALS	\$ 85,648.00	\$ 85,581.87	\$ -	\$ 85,581.87	99.92%	\$ 66.13
7	CHANGES & CLAIMS	\$ 17,361.00	\$ 17,274.11	\$ -	\$ 17,274.11	99.50%	\$ 86.89
8	SITE INSPECTION	\$ 31,998.07	\$ 31,975.53	\$ -	\$ 31,975.53	99.93%	\$ 22.54
9	PREPARE O&M MANUAL	\$ 23,565.50	\$ 15,041.44	\$ 3,423.96	\$ 18,465.40	78.36%	\$ 5,100.10
10	PROVIDE OPERATING TRAINING	\$ 9,082.00	\$ 6,112.88	\$ -	\$ 6,112.88	67.31%	\$ 2,969.12
11	ASSIST WITH FACILITY START-UP	\$ 17,129.00	\$ 10,275.89	\$ -	\$ 10,275.89	59.99%	\$ 6,853.11
12	PREPARE RECORD DRAWINGS	\$ 9,803.00	\$ 504.32	\$ -	\$ 504.32	5.14%	\$ 9,298.68
13	WARRANTY & PERFORMANCE REVIEWS	\$ 15,925.00	\$ 8,888.06	\$ 1,210.83	\$ 10,098.89	63.42%	\$ 5,826.11
14	PROJECT PLANNING	\$ 25,000.00	\$ 24,997.75	\$ -	\$ 24,997.75	99.99%	\$ 2.25
EX	EXPENSES	\$ 17,175.62	\$ 17,175.62	\$ -	\$ 17,175.62	100.00%	\$ -
SUB.METCO	ELECTRICAL ENGINEERING	\$ 74,194.50	\$ 74,194.50	\$ -	\$ 74,194.50	100.00%	\$ -
SUB.NTH	GEOTECH INVESTIGATION	\$ 259,922.15	\$ 259,544.65	\$ 377.50	\$ 259,922.15	100.00%	\$ -
SUB.SDA	SITE SURVEY	\$ 5,250.00	\$ 5,250.00	\$ -	\$ 5,250.00	100.00%	\$ -
<b>Subtotal:</b>		\$ 1,251,779.46	\$ 1,216,402.76	\$ 5,012.29	\$ 1,221,415.05	97.57%	\$ 30,364.41
<b>Allowance</b>		\$ 20,691.00	\$ -	\$ -	\$ -	0.00%	\$ 20,691.00
<b>Total:</b>		\$ 1,272,470.46	\$ 1,216,402.76	\$ 5,012.29	\$ 1,221,415.05	97.57%	\$ 51,055.41

**OUTSTANDING INVOICES:**

INVOICE DATE	INVOICE #	AMOUNT
5/6/2021	705773CH027	\$ 16,014.62
<b>Total:</b>		<b>\$ 16,014.62</b>
Current invoice		\$ 5,012.29
<b>TOTAL DUE:</b>		<b>\$ 21,026.91</b>

**Payment term: 30 calendar days (NET)**

**FINANCE CHARGES WILL BE ASSESSED AT 1½ PERCENT PER MONTH (OR MAXIMUM PERMISSIBLE UNDER STATE LAW) ON ALL ACCOUNTS OVERDUE UNLESS STATED OTHERWISE IN OUR CONTRACT. CH2M HILL IS INCORPORATED.**

**Electronic payment details:**

Beneficiary Bank: **Bank of America**  
Account Name: **CH2M HILL Engineers, Inc.**  
Transit for ACH: **111000012**  
Transit for Wires: **026009593**  
Account No (USD): **4451457732**  
SWIFT: **BOFAUS3N**

# CLARK HILL

P.L.C.

A T T O R N E Y S   A T   L A W

151 S. Old Woodward Avenue, Suite 200  
Birmingham, Michigan 48009  
Telephone (248) 642-9692  
Fed.ID # 38-0425840

## INVOICE

Invoice # 1103585

Oakland-Macomb Interceptor Drain Drainage District June 19, 2021  
Attn: Megan Koss, Esq. Client: 58434  
1 Public Works Drive Matter: 316432  
Waterford, MI 48328  
kossm@oakgov.com; korths@oakgov.com  
cookek@oakgov.com

=====

RE: OMID Phase 2 Project - Acquisition of Northeast Pump  
Stations

FOR SERVICES RENDERED through May 31, 2021

Total Services: \$270.00

INVOICE TOTAL \$270.00

05/16/21 1092340 \$216.00 TBP June OMID meeting

Past Due Balance: \$216.00

TOTAL AMOUNT DUE \$486.00

=====

84917 - 6010101 - 149015 - 731073 - 5113 - 1-3308 - Ch. 21 - v#2788 - exp. 5/15/21



7/2/21

MK 6/21/21

PAYABLE UPON RECEIPT IN U.S. DOLLARS

# CLARK HILL

P.L.C.

A T T O R N E Y S   A T   L A W

212 East Grand River Avenue  
Lansing, Michigan 48906-4328  
Telephone (517) 318-3100  
Fed.ID # 38-0425840

## INVOICE

Invoice # 1103592

Oakland-Macomb Interceptor Drain Drainage District June 19, 2021  
Attn: Megan Koss, Esq. Client: 58434  
1 Public Works Drive Matter: 424741  
Waterford, MI 48328  
kossm@oakgov.com; korths@oakgov.com  
cookek@oakgov.com

=====

RE: GLWA Model Wastewater Contract

FOR SERVICES RENDERED through May 31, 2021

Total Services: \$8,532.00

STATEMENT TOTAL \$8,532.00

82912 - 6010101 - 149030 - 731073 -5113 - v#2788 - exp. 5/15/21



7/2/21

MK 6/21/21

PAYABLE UPON RECEIPT IN U.S. DOLLARS



CSM Mechanical, LLC  
7400 Hickory Valley Dr.  
Fenton, MI 48430

# Invoice

Date	Invoice #
4/15/2021	21OMIDD003

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

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

*TM* 6-14-21

P.O. Number	Terms	Due Date
	Net 60	6/14/2021

Description	Amount
Materials and installation of two liquid separator traps in the wet well and overhead duct MSA panel supply sample piping  <b>82912 - 6010101 - 149090 - 730660 - 5817 - Ch. 21 - v#15750 - exp. 6/28/22 - li #42697</b>  <i>JL R</i> 7/2/21	2,989.52

WE ACCEPT MASTER CARD, VISA, AND DISCOVER CARD  "Relentlessly Helping Our Customers Achieve Success by Being an Integral, Caring and Innovative Mechanical Solutions Provider."	<b>Total</b>	\$2,989.52
	<b>Payments/Credits</b>	\$0.00
	<b>Balance Due</b>	\$2,989.52



CSM Mechanical, LLC  
7400 Hickory Valley Dr.  
Fenton, MI 48430

# Invoice

Date	Invoice #
5/31/2021	21OMIDD008

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

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

*TM* 6-14-21

P.O. Number	Terms	Due Date
	Net 60	7/30/2021

Description	Amount
Provide materials and installation of all MAU handles to provide locking security  <b>82912 - 6010101 - 149090 - 730660 - 5817 - Ch. 21 - v#15750 - exp. 6/28/22 - li #42697</b>  <i>Jed R</i> 7/2/21	817.26

WE ACCEPT MASTER CARD, VISA, AND DISCOVER CARD  "Relentlessly Helping Our Customers Achieve Success by Being an Integral, Caring and Innovative Mechanical Solutions Provider."	<b>Total</b>	\$817.26
	<b>Payments/Credits</b>	\$0.00
	<b>Balance Due</b>	\$817.26

INVOICE DATE: MARCH 17, 2021  
 INVOICE NO.: 1564575

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

82912 - 6010101 - 149030 - 731073 - 5089 - Ch. 21 - v#4978 - exp. 4/30/22

ATTN: JOHN BASCH

CLIENT/MATTER NO.: 012840-00424



7/2/21

RE: REVISION OF OAKLAND COUNTY PURCHASE ORDER FOR MISCELLANEOUS WORK

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH FEBRUARY 28, 2021

USD

TOTAL FEES CURRENT INVOICE ..... \$ 37.50

**TOTAL CURRENT INVOICE ..... \$ 37.50**OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF MARCH 17, 2021

<u>INVOICE</u>	<u>DATE</u>	<u>BILLED VALUE</u>	<u>PAYMENTS</u>	<u>OUTSTANDING</u>
1555154	02/16/21	1,300.56	(0.00)	1,300.56

TOTAL OUTSTANDING FROM PRIOR INVOICES ..... \$ 1,300.56

**TOTAL AMOUNT DUE ..... \$ 1,338.06****Remittance Instructions****\*\*\*Terms: Due and Payable Upon Receipt\*\*\*****Mail To:****ACH Instructions:****Wire Instructions:**
 Dickinson Wright PLLC  
 2600 W. Big Beaver  
 Suite 300  
 Troy, MI 48084

 JP Morgan Chase Bank N.A.  
 28660 Northwestern Highway  
 Southfield, MI 48034  
 ABA Number: 072 000 326  
 Account# 38852
**(Please Reference Invoice Numbers)**
 JP Morgan Chase Bank N.A.  
 28660 Northwestern Highway  
 Southfield, MI 48034  
 ABA Number: 021 000 021  
 Swift Code: CHASUS33 (International)  
 Account# 38852
**(Please Reference Invoice Numbers)**



INVOICE DATE: JUNE 17, 2021  
 INVOICE NO.: 1591548

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

82912 - 6010101 - 149030 - 731073 - 5089 - Ch. 21 - v#4978 - exp. 4/30/22

ATTN: STEVE KORTH

CLIENT/MATTER NO.: 012840-00436

 7/2/21

RE: PREPARE BOARD MEMORANDUM RE LOCKOUT-TAGOUT (LOTO) ISSUE

## PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH MAY 31, 2021

USD

TOTAL FEES CURRENT INVOICE ..... \$ 2,437.50

TOTAL CURRENT INVOICE ..... \$ 2,437.50

## OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF JUNE 17, 2021

INVOICE	DATE	BILLED VALUE	PAYMENTS	OUTSTANDING	
1571540	04/14/21	7,680.20	(0.00)	7,680.20	BOTH PRESENTED AT JUNE OMID MEETING
1580707	05/14/21	187.50	(0.00)	187.50	

TOTAL OUTSTANDING FROM PRIOR INVOICES ..... \$ 7,867.70

TOTAL AMOUNT DUE ..... \$ 10,305.20

MK 6/23/21

Remittance Instructions			
***Terms: Due and Payable Upon Receipt***			
Mail To:	ACH Instructions:		Wire Instructions:
Dickinson Wright PLLC 2600 W. Big Beaver Suite 300 Troy, MI 48084	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 072 000 326 Account# 38852  (Please Reference Invoice Numbers)		JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 021 000 021 Swift Code: CHASUS33 (International) Account# 38852  (Please Reference Invoice Numbers)



# INVOICE

www.glwater.org

Account Name	OMID
Account Number	900-2101-W
Billing Date	06/22/2021
Due Date	07/22/2021

Billing Inquiries: (313) 964-9290

OMID  
JOEL BROWN  
OCWRC ASSISTANT CHIEF ENGINEER  
ONE PUBLIC WORKS DR, BLDG 95 WEST  
WATERFORD, MI 48328

**REMIT TO:**  
**Great Lakes Water Authority**  
**Attn: Treasury**  
**P.O. Box 441370**  
**Detroit, MI 48244-1370**

PREVIOUS BALANCE	\$133.00
ADJUSTMENTS AND PAYMENTS APPLIED	\$0.00
PREVIOUS AMOUNT DUE	\$133.00

## CURRENT CHARGES

Quantity	DESCRIPTION	RATE	CHARGE
3	COST SHARING AGREEMENT - OMID DRONE USE - AIRTIME	40.00	\$120.00
1	COST SHARING AGREEMENT - OMID DRONE USE - O&M COST	13.00	\$13.00

**84917 - 149015 - 731458 - 1-3309 INS**

DRONE USAGE ON 6-15-2021

*Joel Brown*

7/2/21

TOTAL CURRENT CHARGES	\$133.00
TOTAL AMOUNT DUE	\$266.00

PLEASE DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT

Account Name	Account Number	Due Date	Amount Due
OMID	900-2101-W	07/22/2021	\$266.00

OMID  
OCWRC ASSISTANT CHIEF ENGINEER  
ONE PUBLIC WORKS DR, BLDG 95 WEST  
WATERFORD, MI 48328

**AMOUNT REMITTED \$**

**REMIT TO: Great Lakes Water Authority**  
**Attn: Treasury**  
**P.O. Box 441370**  
**Detroit, MI 48244-1370**

24 900210123 000000026600 2



JTB 7/2/21

<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	23.0	\$ 145.00	\$ 3,335.00
Darrin Green	Staff Engineer	13.0	\$ 90.00	\$ 1,170.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 135.00	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 90.00	\$ -
Abhishek Shah	Staff Engineer	144.0	\$ 90.00	\$ 12,960.00
Brandon Brochue	Designer/Drafter	0.0	\$ 85.00	\$ -
			<b>Subtotal 6.0:</b>	<b>\$ 17,465.00</b>

**Task 12.0 - As-Needed Services**

Additional General/Excess Liability Insurance Fee: \$ -

**Subtotal 12.0:** \$ -**TOTAL AMOUNT DUE THIS INVOICE:** \$ **96,763.64**

**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	11/4/2020	12/3/2020	93357

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$392.13	-	\$392.13	\$392.13	-	-
<b>Totals:</b>		<b>\$392.13</b>		<b>\$392.13</b>	<b>\$392.13</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$392.13</b>			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

*TM***6-9-21**

MATERIAL ONLY PER ATTACHED

**82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21**

*Jed R***7/2/21**

complete electrical construction

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# INVOICE

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	11/11/2020	12/3/2020	93358

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$462.00	-	\$462.00	\$462.00	-	-
Totals:		\$462.00		\$462.00	\$462.00		
Less Retained:				-			
Invoice Total:				\$462.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

82912 - 6010101 - 149130 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

WORK PERFORMED 11/11/2020

6-9-21

7/2/21

complete electrical construction

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	11/13/2020	12/3/2020	93359

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$593.37	-	\$593.37	\$593.37	-	-
Totals:		\$593.37		\$593.37	\$593.37		
Less Retained:				-			
Invoice Total:				\$593.37			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

82912 - 6010101 - 149130 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

WORK PERFORMED 11/13/2020

TM

6-9-21

Jol R

7/2/21

complete electrical construction

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# INVOICE

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	11/18/2020	12/3/2020	93360

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$154.00	-	\$154.00	\$154.00	-	-
<b>Totals:</b>		<b>\$154.00</b>		<b>\$154.00</b>	<b>\$154.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$154.00</b>			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

**82912 - 6010101 - 149130 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21**

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

7/2/21

WORK COMPLETED 11/18/2020

6-9-21

complete electrical construction

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# INVOICE

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	2/26/2021	3/1/2021	93504

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$269.50	-	\$269.50	\$269.50	-	-
<b>Totals:</b>		<b>\$269.50</b>		<b>\$269.50</b>	<b>\$269.50</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$269.50</b>			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

**82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21**

7/2/21

WORK COMPLETED 2/26/2021

6-9-21

complete electrical construction

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DETROIT, MI 48213-1151

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"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	1/26/2021	3/2/2021	93506

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$2,236.70	-	\$2,236.70	\$2,236.70	-	-
Totals:		\$2,236.70		\$2,236.70	\$2,236.70		
Less Retained:				-			
Invoice Total:				\$2,236.70			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICED SUMMARY AND FIELD REPORT

82912 - 6010101 - 149090 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

*JL R*

7/2/21

WORK PERFORMED 1/26/2021

*TM*

6-9-21

complete electrical construction

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"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	1/27/2021	3/2/2021	93507

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$308.00	-	\$308.00	\$308.00	-	-
Totals:		\$308.00		\$308.00	\$308.00		
Less Retained:				-			
Invoice Total:				\$308.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

82912 - 6010101 - 149090 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 1/27/2021

7/2/21

*John R...*

*TM*

6-9-21

complete electrical construction

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# INVOICE

OMID  
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WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	1/29/2021	3/2/2021	93508

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$799.01	-	\$799.01	\$799.01	-	-
Totals:		\$799.01		\$799.01	\$799.01		
Less Retained:				-			
Invoice Total:				\$799.01			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

*JL R*

7/2/21

WORK PERFORMED 1/29/2021

*TM*

6-9-21

complete electrical construction

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WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	1/29/2021	3/2/2021	93509

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$77.00	-	\$77.00	\$77.00	-	-
Totals:		\$77.00		\$77.00	\$77.00		
Less Retained:				-			
Invoice Total:				\$77.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

7/2/21

WORK PERFORMED 1/29/2021

6-9-21

complete electrical construction

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**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	2/2/2021	3/2/2021	93510

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$308.00	-	\$308.00	\$308.00	-	-
Totals:		\$308.00		\$308.00	\$308.00		
Less Retained:				-			
Invoice Total:				\$308.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

**82912 - 6010101 - 149090 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21**

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

7/2/21

WORK PERFORMED 2/2/2021

*TM* 6-9-21

complete electrical construction

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# INVOICE

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	2/3/2021	3/2/2021	93511

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$1,851.90	-	\$1,851.90	\$1,851.90	-	-
<b>Totals:</b>		<b>\$1,851.90</b>		<b>\$1,851.90</b>	<b>\$1,851.90</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$1,851.90</b>			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

**82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21**

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

*JL R* 7/2/21

MAERIAL ONLY - NEW BADGE PRINTER

*TM* 6-9-21

complete electrical construction

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# INVOICE

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	2/5/2021	3/2/2021	93512

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$1,337.58	-	\$1,337.58	\$1,337.58	-	-
<b>Totals:</b>		<b>\$1,337.58</b>		<b>\$1,337.58</b>	<b>\$1,337.58</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$1,337.58</b>			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

**82912 - 6010101 - 149090 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21**

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

*J.R.* 7/2/21

WORK PERFORMED 2/5/2021

*TM*

6-12-21

complete electrical construction

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"AN EQUAL OPPORTUNITY EMPLOYER"

# INVOICE

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

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	2/12/2021	3/2/2021	93513

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$269.50	-	\$269.50	\$269.50	-	-
Totals:		\$269.50		\$269.50	\$269.50		
Less Retained:				-			
Invoice Total:				\$269.50			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

*JL R*

7/2/21

WORK PERFORMED 2/12/2021

*TM*

6-9-21

complete electrical construction

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WATERFORD, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
921567	0	001	2/19/2021	3/2/2021	93514

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$154.00	-	\$154.00	\$154.00	-	-
Totals:		\$154.00		\$154.00	\$154.00		
Less Retained:				-			
Invoice Total:				\$154.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

82912 - 6010101 - 149130 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

7/2/21

WORK COMPLETED 2/19/2021

6-9-21

complete electrical construction

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**NTH Consultants, Ltd.**  
Infrastructure Engineering  
and Environmental Services

**82912 - 6010101 - 149662 - 731458- 2608 - Ch. 21 - v#238 - li#24138 - exp. 12/31/21**

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

*Jol R*

7/12/21

Invoice # : 1  
Project : 61210124  
Invoice Group : \*\*  
Invoice Date : 7/2/2021

Attention Sid Lockhart

**For Professional Services Rendered from Inception - 6/25/2021**

Consulting Services Regarding 2021 OMID System Inspection

**Task 01 Inspection and Reporting** **\$526,974.00**  
**Preliminary Budget Amount** **\$526,974.00**  
**Percent Complete:** 0.37%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 601.43	\$ 601.43
Overhead %	188.00	\$ 1,130.69	1,130.69
Total Regular Labor Expense		1,732.12	1,732.12
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>1,732.12</b>	<b>1,732.12</b>
<b>Profit / Fixed Fee %</b>	12.00	<b>207.85</b>	<b>207.85</b>
Direct Expenses Charge		0.00	0.00
Expense Multiplier %	5.00	0.00	0.00
Direct Subcontractor Charge		0.00	0.00
Subcontractor/Subconsultant Multiplier %	6.00	0.00	0.00
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>0.00</b>	<b>0.00</b>
<b>Total Costs:</b>		<b>1,939.97</b>	<b>1,939.97</b>
<b>Total Due This Invoice</b>		<b>\$ 1,939.97</b>	<b>\$ 1,939.97</b>



**NTH Consultants, Ltd.**  
Infrastructure Engineering  
and Environmental Services

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

JTB 7/12/21

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

Invoice # : 7  
Project : 61-200186  
Invoice Group : \*\*  
Invoice Date : 7/2/2021

Attention: Sid Lockhart

For Professional Services Rendered from 5/22/2021 - 6/25/2021

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	\$2,265,847.00
Task 02	OMID CS-9 Gate CCA	\$217,468.00
	Preliminary Budget Amount	\$2,483,315.00
	Percent Complete:	19.12%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	18,546.52	\$ 78,208.97
Overhead %	188.00 \$	34,867.46	147,032.87
Total Regular Labor Expense		53,413.98	225,241.84
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>53,413.98</b>	<b>225,241.84</b>
<b>Profit / Fixed Fee %</b>	12.00	6,409.68	27,029.02
Direct Expenses Charge		399.90	1,310.27
Expense Multiplier %	5.00	20.00	65.51
Direct Subcontractor Charge		81,454.46	208,703.85
Subcontractor/Subconsultant Multiplier %	6.00	4,887.27	12,522.26
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>86,761.63</b>	<b>222,601.89</b>
<b>Total Costs:</b>		<b>146,585.29</b>	<b>474,872.75</b>
<b>Total Due This Invoice</b>		<b>\$ 146,585.29</b>	<b>\$ 474,872.75</b>

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

*JL R*

7/12/21

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

Invoice # : 9  
Project : 61-200280  
Invoice Group : CMT  
Invoice Date : 7/2/2021

Attention: Sid Lockhart

For Professional Services Rendered from 5/22/2021 - 6/25/2021

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

Task 01	CMT Services	<u>\$130,138.00</u>
	Preliminary Budget Amount	\$130,138.00
	Percent Complete:	51.17%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	2,648.05	\$ 17,222.85
Overhead %	188.00 \$	4,978.33	32,378.96
Total Regular Labor Expense		7,626.38	49,601.81
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>7,626.38</b>	<b>49,601.81</b>
<b>Profit / Fixed Fee %</b>	12.00	<b>915.17</b>	<b>5,952.22</b>
Direct Expenses Charge		1,015.24	10,516.19
Expense Multiplier %	5.00	50.76	525.81
Direct Subcontractor Charge		0.00	0.00
Subcontractor/Subconsultant Multiplier %	6.00	0.00	0.00
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>1,066.00</b>	<b>11,042.00</b>
<b>Total Costs:</b>		<b>9,607.55</b>	<b>66,596.03</b>
<b>Total Due This Invoice</b>	\$	<b>9,607.55</b>	<b>\$ 66,596.03</b>



**NTH Consultants, Ltd.**

Infrastructure Engineering  
and Environmental Services

**82912 - 6010101 - 149662 - 731906 - 2603 - 1-2842 - ch 21 - std - v#4716 - li#24138 - exp. 13/31/21**

*Jed R*

7/12/21

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

Invoice # : 11  
Project : 61-200209  
Invoice Group : HSM/CSE  
Invoice Date : 7/2/2021

Attention: Sid Lockhart

For Professional Services Rendered from 4/24/2021 - 6/25/2021

Provide Engineering and Consulting Services for the OMID NESPS Safety Manual and Crane Support Evaluation. (D419)

Task 01	Health and Safety Manual	\$33,428.00
Task 02	Crane Support Evaluation	\$14,359.00
	Preliminary Budget Amount	\$47,787.00
	Percent Complete:	80.96%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 603.34	\$ 9,935.87
Overhead %	188.00 \$ 1,134.28	18,679.44
Total Regular Labor Expense	1,737.62	28,615.31
Premium Labor Cost	0	0
<b>Total Direct Labor</b>	<b>1,737.62</b>	<b>28,615.31</b>
<b>Profit / Fixed Fee %</b>	<b>12.00 208.51</b>	<b>3,433.83</b>
Direct Expenses Charge	0.00	3,194.86
Expense Multiplier %	5.00 0.00	159.75
Direct Subcontractor Charge	0.00	3,100.00
Subcontractor/Subconsultant Multiplier %	6.00 0.00	186.00
Direct Unit Rate Charge	0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>	<b>0.00</b>	<b>6,640.61</b>
<b>Total Costs:</b>	<b>1,946.13</b>	<b>38,689.75</b>
<b>Total Due This Invoice</b>	<b>\$ 1,946.13</b>	<b>\$ 38,689.75</b>



**NTH Consultants, Ltd.**  
Infrastructure Engineering  
and Environmental Services

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

**JTB 7/12/21**

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

Invoice # : 25  
Project : 61-190078  
Invoice Group : NI-EA  
Invoice Date : 7/2/2021

**Attention: Sid Lockhart**

For Professional Services Rendered from

5/22/2021 - 6/25/2021

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

Preliminary Budget Amount **\$2,273,833.00**  
Percent Complete: 83.15%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 1,852.15	\$ 267,158.19
Overhead %	188.00	\$ 3,482.04	502,257.42
Total Regular Labor Expense		5,334.19	769,415.61
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>5,334.19</b>	<b>769,398.16</b>
<b>Profit / Fixed Fee %</b>	12.00	640.10	92,329.87
Direct Expenses Charge		75.00	27,165.83
Expense Multiplier %	5.00	3.75	1,358.34
Direct Subcontractor Charge		18,426.22	943,854.08
Subcontractor/Subconsultant Multiplier %	6.00	1,105.59	56,631.38
Direct Unit Rate Charge		0	0
<b>Total Other Direct Charges Reimbursables</b>		<b>19,610.56</b>	<b>1,029,009.63</b>
<b>Total Costs:</b>		<b>25,584.85</b>	<b>1,890,755.11</b>
<b>Total Due This Invoice</b>		<b>\$ 25,584.85</b>	<b>\$ 1,890,755.11</b>



**NTH Consultants, Ltd.**  
Infrastructure Engineering  
and Environmental Services

82912 - 6010101 - 149662 - 730639 - 2603 - 1-3015 - ch 21 - engcon v#4716 - li#24138 - exp. 12/31/21

*Joh R*

7/12/21

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

Invoice # : 29  
Project : 61-190044  
Invoice Group : REPAIRS  
Invoice Date : 7/2/2021

Attention: Sid Lockhart

For Professional Services Rendered from 05/22/2021 - 06/25/2021

OMID System Immediate Repairs

AMP/Inspection Reports (Task 01)	\$4,587.37
Rehabilitation Design (Task 02)	\$71,617.66
Construction Observation (Task 03)	\$178,109.97
	<u>\$254,315.00</u>

Analysis of Costs		This Invoice	Cumulative
Direct Salaries (Task 01 & 02)		\$ 855.24	\$ 55,831.97
Overhead %	188.00	1,607.85	104,964.08
Total Regular Labor Expense		2,463.09	160,796.05
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>2,463.09</b>	<b>160,796.05</b>
<b>Profit / Fixed Fee %</b>	<b>12.00</b>	<b>295.57</b>	<b>19,295.52</b>
Direct Expenses Charge		45.02	3,659.78
Expense Multiplier %	5.00	2.25	233.01
Direct Subcontractor Charge		0.00	40,248.30
Subcontractor/Subconsultant Multiplier %	5.00	0.00	2,012.46
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>47.27</b>	<b>46,153.55</b>
<b>Total Costs:</b>		<b>2,805.93</b>	<b>226,245.12</b>
<b>Total Due This Invoice</b>		<b>\$ 2,805.93</b>	<b>\$ 226,245.12</b>





28294 Beck Road Wixom, MI 48393  
800-419-5199 FAX (248) 374-6402  
www.PMTech.org

# Invoice

Date 3/26/2021 Invoice # 0000144058

## Bill To:

County Of Oakland  
A Michigan Constitutional Corp  
2100 Pontiac Lake Road  
Waterford MI 48328

## Site Address:

NESPS Generator Control/  
PLC Upgrades Rev D

PO Number	Terms	Make	Model	Serial Number	
contract	NET 30 DAYS				
<b>KW</b>	<b>PM Tech's Other Locations</b>		A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	<b>Remit To:</b> 28294 Beck Road Wixom, MI 48393	
	2385 Wilshire Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344				
DESCRIPTION			QTY	PRICE EACH	AMOUNT
Synchronizer Upgrade Package - Materials			1.00	26,605.80	26,605.80
<p><b>82912 - 6010101 - 149090 - 730660 - 5821 - Ch. 21 - v#238 - li#42705 - exp. 6/28/22</b></p> <p>JTB 7/2/21</p>					
Visa, Master Card, Discover or American Express 3% processing fee will be added to total over \$2,000			<b>Subtotal</b>		\$26,605.80
Sign: _____ Inv # _____ Card #: _____ Exp Date: _____ Security Code: _____			<b>Sales Tax</b>		\$0.00
			<b>Balance Due</b>		\$26,605.80
			This Invoice if for the Services mentioned above only, if other repair work was completed it will be invoiced separately.		
Conditions of Sale and Limitations of Liability are on back of invoice. Warranty Disclaimer: parts and labor not covered by the manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.					



28294 Beck Road Wixom, MI 48393  
800-419-5199 FAX (248) 374-6402  
www.PMTech.org

# Invoice


Date Invoice #  
4/21/2021 0000150870

**Bill To:**

County Of Oakland  
A Michigan Constitutional Corp  
2100 Pontiac Lake Road  
Waterford MI 48328

**Site Address:**

Northeast Sewage Pumping Station - Generator  
2  
11001 East State Fair  
Detroit MI 48234

PO Number	Terms	Make	Model	Serial Number	
00211	NET 30 DAYS	CAT/KATO	A269500000	13669-04	
<b>KW</b>	<b>PM Tech's Other Locations</b>		A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	<b>Remit To:</b> 28294 Beck Road Wixom, MI 48393	
1825	2385 Wilshire Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344				
DESCRIPTION			QTY	PRICE EACH	AMOUNT
Service Call - Low battery voltage alarm			1.00	185.00	185.00
Labor			9.50	115.00	1,092.50
3/15 & 4/14/21					
82912 - 6010101 - 149090 - 730660 - 5821 - Ch. 21 - v#238 - li#42705 - exp. 6/28/22					
 7/2/21					
Visa, Master Card, Discover or American Express 3% processing fee will be added to total over \$2,000			Subtotal \$1,277.50		
Sign: _____ Inv # _____			Sales Tax \$0.00		
Card #: _____			Balance Due \$1,277.50		
Exp Date: _____ Security Code: _____			This Invoice is for the Services mentioned above only, if other repair work was completed it will be Invoiced separately.		
Conditions of Sale and Limitations of Liability are on back of invoice. Warranty Disclaimer: parts and labor not covered by the manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.					



28294 Beck Road Wixom, MI 48393  
800-419-5199 FAX (248) 374-6402  
www.PMTech.org

# Invoice


Date 5/14/2021 Invoice # 0000151902

**Bill To:**

County Of Oakland  
A Michigan Constitutional Corp  
2100 Pontiac Lake Road  
Waterford MI 48328

**Site Address:**

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

PO Number	Terms	Make	Model	Serial Number		
Per Jeff Contract	NET 30 DAYS	CAT/KATO	A269500000	13669-05		
<b>KW</b>	<b>PM Tech's Other Locations</b>			<b>Remit To:</b> 28294 Beck Road Wixom, MI 48393		
1825	2385 Wilshire Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344					
<b>DESCRIPTION</b>				<b>QTY</b>	<b>PRICE EACH</b>	<b>AMOUNT</b>
Service Call - Disable fuel remote box controller				1.00	185.00	185.00
Labor				1.00	115.00	115.00
5/7/21						
82912 - 6010101 - 149090 - 730660 - 5821 - Ch. 21 - v#238 - li#42705 - exp. 6/28/22						
 7/2/21						
Visa, Master Card, Discover or American Express 3% processing fee will be added to total over \$2,000				<b>Subtotal</b> \$300.00		
Sign: _____ Inv # _____ Card #: _____ Exp Date: _____ Security Code: _____				<b>Sales Tax</b> \$0.00		
				<b>Balance Due</b> \$300.00		
				This Invoice is for the Services mentioned above only, If other repair work was completed it will be invoiced separately.		
Conditions of Sale and Limitations of Liability are on back of invoice. Warranty Disclaimer: parts and labor not covered by the manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.						



28294 Beck Road Wixom, MI 48393  
800-419-5199 FAX (248) 374-6402  
www.PMTech.org

# Invoice

Date 6/10/2021 Invoice # 0000153043

**Bill To:**

County Of Oakland  
A Michigan Constitutional Corp  
2100 Pontiac Lake Road  
Waterford MI 48328

**Site Address:**

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

PO Number		Terms	Make	Model	Serial Number
Darren Green		NET 30 DAYS			
KW	PM Tech's Other Locations			A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	Remit To:  28294 Beck Road Wixom, MI 48393
	2385 Wilshire Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344				

DESCRIPTION	QTY	PRICE EACH	AMOUNT
Service Call - Site has lost both utility feeds and generators did not start.	1.00	195.00	195.00
Labor	25.00	119.00	2,975.00
GROUP 8D 12V COMM 1400CCA TOP POST	2.00	351.30	702.60
AIR FILTER	2.00	237.52	475.04
4 UNITS BATTERY RETURN	-2.00	60.00	-120.00

6/6/21 thru 6/9/21

*TM* 6-14-21

82912 - 6010101 - 149090 - 730660 - 5821 - Ch. 21 - v#238 - li#42705 - exp. 6/28/22

*JL R*

7/2/21

Visa, Master Card, Discover or American Express 3% processing fee will be added to total over \$2,000		Subtotal	\$4,227.64
Sign: _____ Inv # _____		Sales Tax	\$0.00
Card #: _____		Balance Due	\$4,227.64
Exp Date: _____ Security Code: _____		This Invoice is for the Services mentioned above only, if other repair work was completed it will be invoiced separately.	

Conditions of Sale and Limitations of Liability are on back of invoice.  
manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.

Warranty Disclaimer: parts and labor not covered by the



28294 Beck Road Wixom, MI 48393  
800-419-5199 FAX (248) 374-6402  
www.PMTech.org

# Invoice

Date 6/18/2021 Invoice # 0000153406

**Bill To:**

County Of Oakland  
A Michigan Constitutional Corp  
2100 Pontiac Lake Road  
Waterford MI 48328

**Site Address:**

Main Tab

PO Number		Terms	Make	Model	Serial Number
contract		NET 30 DAYS			
KW		PM Tech's Other Locations		A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	Remit To:  28294 Beck Road Wixom, MI 48393
		2385 Wilshire Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344			

DESCRIPTION	QTY	PRICE EACH	AMOUNT
Fuel Drop 6/7/21 (includes emergency fees)	6905.00	3.85	26,584.25
Fuel Drop 6/9/21	4483.00	3.35	15,018.05
Fuel Drop 6/11/21	1002.00	3.35	3,356.70

TMM 6-21-21

82912 - 6010101 - 149090 - 730660 - 5821 - Ch. 21 - v#238 - li#42705 - exp. 6/28/22

JTB 7/2/21

Visa, Master Card, Discover or American Express 3% processing fee will be added to total over \$2,000		Subtotal	\$44,959.00
Sign: _____ Inv # _____		Sales Tax	\$0.00
Card #: _____		Balance Due	\$44,959.00
Exp Date: _____ Security Code: _____		This Invoice is for the Services mentioned above only, if other repair work was completed it will be invoiced separately.	

Conditions of Sale and Limitations of Liability are on back of invoice.  
manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.

Warranty Disclaimer: parts and labor not covered by the



28294 Beck Road Wixom, MI 48393  
800-419-5199 FAX (248) 374-6402  
www.PMTech.org

# Invoice

Date Invoice #  
6/28/2021 0000153840

## Bill To:

County Of Oakland  
A Michigan Constitutional Corp  
2100 Pontiac Lake Road  
Waterford MI 48328

## Site Address:

Northeast Sewage Pumping Station - Generator  
3  
11001 East State Fair  
Detroit MI 48234

PO Number		Terms	Make	Model	Serial Number
contract per Jeff Z		NET 30 DAYS	CAT/KATO	A269500000	13669-03
KW	PM Tech's Other Locations			A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	Remit To:  28294 Beck Road Wixom, MI 48393
1825	2385 Wilshire Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344				

DESCRIPTION	QTY	PRICE EACH	AMOUNT
Service Call - big coolant leak	1.00	185.00	185.00
Labor	5.50	115.00	632.50

6/9/21

82912 - 6010101 - 149090 - 730660 - 5821 - Ch. 21 - v#238 - li#42705 - exp. 6/28/22

TM 7-7-21

Visa, Master Card, Discover or American Express 3% processing fee will be added to total over \$2,000		Subtotal	\$817.50
Sign: _____ Inv # _____ Card #: _____ Exp Date: _____ Security Code: _____		Sales Tax	\$0.00
		Balance Due	\$817.50
		This Invoice if for the Services mentioned above only, if other repair work was completed it will be invoiced separately.	

Conditions of Sale and Limitations of Liability are on back of invoice.  
manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.

Warranty Disclaimer: parts and labor not covered by the



28294 Beck Road Wixom, MI 48393  
800-419-5199 FAX (248) 374-6402  
www.PMTech.org

# Invoice

Date Invoice #  
6/28/2021 0000153841

**Bill To:**

County Of Oakland  
A Michigan Constitutional Corp  
2100 Pontiac Lake Road  
Waterford MI 48328

**Site Address:**

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

PO Number		Terms	Make	Model	Serial Number
Darrin		NET 30 DAYS	CAT/KATO	A269500000	13669-05
KW	PM Tech's Other Locations			A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	Remit To:  28294 Beck Road Wixom, MI 48393
1825	2385 Wilshere Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344				

DESCRIPTION	QTY	PRICE EACH	AMOUNT
Service Call - Operate gnerator so customer can conduct test	1.00	185.00	185.00
Labor	9.25	115.00	1,063.75

6/12/21

*TM* 7-7-21

82912 - 6010101 - 149090 - 730660 - 5821 - Ch. 21 - v#238 - li#42705 - exp. 6/28/22

Visa, Master Card, Discover or American Express 3% processing fee will be added to total over \$2,000		Subtotal	\$1,248.75
Sign: _____ Inv # _____ Card #: _____ Exp Date: _____ Security Code: _____		Sales Tax	\$0.00
		Balance Due	\$1,248.75
		This Invoice if for the Services mentioned above only, if other repair work was completed it will be invoiced separately.	

Conditions of Sale and Limitations of Liability are on back of invoice.  
manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.

Warranty Disclaimer: parts and labor not covered by the





28294 Beck Road Wixom, MI 48393  
800-419-5199 FAX (248) 374-6402  
www.PMTech.org

# Invoice

Date 7/2/2021 Invoice # 0000154143

## Bill To:

County Of Oakland  
A Michigan Constitutional Corp  
2100 Pontiac Lake Road  
Waterford MI 48328

## Site Address:

Main Tab

PO Number		Terms	Make	Model	Serial Number
contract		NET 30 DAYS			
KW	PM Tech's Other Locations			A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	Remit To:  28294 Beck Road Wixom, MI 48393
	2385 Wilshire Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344				

DESCRIPTION	QTY	PRICE EACH	AMOUNT
Provide Technical Support for generator operation and rental requirements associated with a utility power failure and extended generator operation.			
Technical Support Labor - Sunday 6-6-21 - Coordination of fuel deliveries, rental generator coordination and logistics - Jeff Zilke	6.00	195.00	1,170.00
Technical Support Labor Monday 6-7-21 - on site meeting to reivew utility restoration and planning - Roy Floyd	2.00	135.00	270.00
<p style="text-align: right;"><i>TM</i> 7-6-21</p> <p><b>82912 - 6010101 - 149090 - 730660 - 5821 - Ch. 21 - v#238 - li#42705 - exp. 6/28/22</b></p>			

Visa, Master Card, Discover or American Express 3% processing fee will be added to total over \$2,000		Subtotal	\$1,440.00
Sign: _____ Inv # _____		Sales Tax	\$0.00
Card #: _____		Balance Due	\$1,440.00
Exp Date: _____ Security Code: _____		This Invoice if for the Services mentioned above only, if other repair work was completed it will be invoiced separately.	

Conditions of Sale and Limitations of Liability are on back of invoice.

Warranty Disclaimer: parts and labor not covered by the

manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.





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

June 18, 2021

Invoice No: 03559.01 - 12

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

**Professional Services from May 1, 2021 to May 31, 2021**

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Zann, John	32.00	94.00	3,008.00	
Totals	32.00		3,008.00	
<b>Total Labor</b>				<b>3,008.00</b>

**Additional Fees**

Overhead	149.10 % of 3,008.00		4,484.93	
Profit	10.00 % of 7,492.93		749.29	
<b>Total Additional Fees</b>			<b>5,234.22</b>	<b>5,234.22</b>

**Billing Limits**

	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	8,242.22	83,710.06	91,952.28
Limit			450,000.00
Remaining			358,047.72

**Total this Invoice \$8,242.22**

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](mailto:szeisler@pmaconsultants.com)

**84917 - 6010101 - 149015 - 731444 - 6096- 1-3309 - ch21 - engcon - v#16918 - exp. 5/29/23**

7/2/21



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

July 6, 2021

Invoice No: 03559.01 - 13

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

**Professional Services from June 1, 2021 to June 30, 2021**

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Zann, John	46.00	94.00	4,324.00	
Totals	46.00		4,324.00	
<b>Total Labor</b>				<b>4,324.00</b>

**Additional Fees**

Overhead	149.10 % of 4,324.00		6,447.08	
Profit	10.00 % of 10,771.08		1,077.11	
<b>Total Additional Fees</b>			<b>7,524.19</b>	<b>7,524.19</b>

**Billing Limits**

	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	11,848.19	91,952.28	103,800.47
Limit			450,000.00
Remaining			346,199.53

**Total this Invoice \$11,848.19**

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](mailto:szeisler@pmaconsultants.com)

**84917 - 6010101 - 149015 - 731444 - 6096- 1-3309 - ch21 - engcon - v#16918 - exp. 5/29/23**

**Agenda Item No. 10**

Request for Proposals for  
Bypass Pumping and Dewatering



## **Oakland-Macomb Interceptor Drain Drainage District**

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**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: Request to Solicit Proposals for OMID Emergency/As-Needed Bypass  
Pumping and Dewatering**

**DATE: July 21, 2021**

The OMID Project Team developed a NESPS Emergency Action Plan (EAP) that provides details as to how to respond to an electrical or mechanical catastrophic failure at the NESPS while repairs are still ongoing at the station. The EAP particularly details the requirements needed to bypass pump upstream of the NESPS to avoid basement backups within the local sewers. To achieve this, the EAP calls for modifying upstream manholes at strategic locations within the Oakland Macomb Interceptor Drain and Macomb Interceptor Drain to facilitate emergency discharge pumping. Currently, this task is essentially complete. The EAP also recommends procurement of an emergency bypass pumping contractor to be on stand-by to facilitate the bypass pumping at these modified manhole locations. Accordingly, we have developed a Request for Proposals (RFP) package to solicit Contractors to perform these services. In addition, as there may also be a need to have as-needed bypass pumping and/or dewatering to support construction activities, we have included this scope into the RFP as-well.

Attached is the Scope of Services Portion of the RFP that details the main pieces of the RFP and requested work. Upon OMID Board approval, we will finalize and post the full RFP on Michigan Intergovernmental Trade Network and receive bids by the end of August 2021. We then anticipate recommending a contractor to the OMID at the September 2021 Board Meeting.

**Requested Action: Authorize a Request for Proposals Solicitation for OMID Emergency/As Needed Bypass Pumping and Dewatering services to be posted on MITN and provide a recommended Contractor to the OMID Board upon conclusion of the bid period.**

## **SCOPE OF CONTRACTOR'S SERVICES**

### **OVERVIEW:**

The Oakland Macomb Interceptor Drain Drainage District (OMIDDD) is requesting proposals for services as described herein. OMIDDD is responsible for maintaining buried civil infrastructure that includes large diameter sanitary sewer piping, with accompanying manholes and other appurtenances both on the Oakland-Macomb Interceptor Drain (OMID), at the Northeast Sewage Pumping Station (NESPS) located at 11001 East State Fair Detroit, MI 48234, and on the North Interceptor- East Arm (NI-EA) which is downstream of the NESPS, ultimately terminating at Mt. Elliot and Gratiot in Detroit, MI. Of specific interest, is the need for emergency bypass pumping of these large diameter, deep-bury interceptors in the event of a catastrophic failure of system components that prevents downstream flow of sewage.

OMIDDD also anticipates numerous projects will be performed for repairs, preventative maintenance, rehabilitation that may require dewatering and/or emergency response bypass pumping in the event of a failure. The Contractor is to provide labor, equipment, material and subcontractors to perform as-needed tasks as it relates to these services.

### **REQUEST FOR PROPOSAL (RFP) ORGANIZATION**

This Request for Proposal ("RFP") is organized into four (4) sections:

SECTION 1: ADMINISTRATIVE: Provides information regarding administrative requirements.

SECTION 2: EVALUATION: Describes how proposals will be evaluated and lists the evaluation categories.

SECTION 3: PROPOSALS: Describes the required format and content for submission of a proposal.

SECTION 4: SCOPE OF SERVICES: Provides a detailed description of goods and services to be provided and delineates OMIDDD and VENDOR/CONTRACTOR responsibilities.

### **SECTION 1: ADMINISTRATIVE**

OMIDDD is seeking proposals for services as described in the scope of work detailed in Section 4: SCOPE OF SERVICES.

The purpose of this competitive sealed RFP is to promote and ensure the fairest, most efficient means to obtain the best value for OMIDDD, i.e. the proposal offering the greatest overall combination of qualifications, company capacity, experience, service and price, which shall be assessed in accordance with the established evaluation criteria set forth in this RFP. Organizations interested in submitting a proposal in response to this RFP shall be referred herein as "VENDOR" or

## ATTACHMENT B

“CONTRACTOR”.

In order for OMIDDD to evaluate Vendor’s response in a timely manner, please thoroughly read this RFP and follow the instructions as presented.

OMIDDD posts all bids/RFPs on the Michigan Inter Governmental Trade network (MITN). This includes the RFP documents which may include, but are not limited to, the following information and documents:

The information and documents included in this RFP are as follows:

### A. Solicitation Index

- Solicitation Form, that includes:
  - Event Number, Project Title and Contact Information
  - Response Due Date and Time
  - Bidder Information and Signature Page
  - General Submission Information
  - Terms and Conditions
  - Attachment I- Insurance Requirements
  - Attachment II- Bonding Requirements
  - Attachment III- Iran Linked Business Certification
  - Attachment IV- E-Verify Program
- Attachment A- Mailing Label for hard copy submissions (if applicable)
- Attachment B- Scope of Contractor’s Services
- Attachment C- Contractor’s Proposal
- Attachment D- Bid Question Documentation Form
- Miscellaneous information
  - Appendix A- OMIDDD Professional Services Contract
  - Appendix B- By-Pass Pumping Specifications
  - Appendix C- Dewatering Specifications
  - Appendix D- Bypass Pumping Requirements

### B. Due Date:

The due date and time for proposal submission will be posted in the following areas:

- MITN website
- Noted on the first page of the RFP solicitation document
- On the RFP Mailing Label (should there be a change in the due date or time, an addendum will be issued, and a revised RFP Mailing Label will be provided)

### C. Vendor Questions

Vendors will have the opportunity to ask questions to clarify specifications. All questions are to be included on Attachment D- Bid Question Documentation Form. Questions must be received (14) days prior to the RFP response due date. All questions received in time will be answered and documented along with any change to the date or times with an addendum and posted on the MITN website.

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### D. Required Documents for the successful vendor

Upon contract award, the successful vendor will be required to provide the following:

- Insurance documents as noted in Attachment I
- Bonding requirements as noted in Attachment II (if applicable)
- Registration for E-Verify Program as noted in Attachment IV

## SECTION 2: EVALUATION

OMIDDD uses a juried selection process. Interested firms will present a written proposal to OMIDDD by the deadline stated. A selection committee will review and score all proposals submitted.

OMIDDD may, at its option, employ a second phase of the selection process consisting of an oral presentation of the vendor's proposal, an interview, or a combination of the two.

Evaluation criteria shall consist of the following components and weights. Additional information as well as completeness and quality/clarity of response will be considered in each component.

-Experience/Reference

-Concurrent Workload

-Project Financials

OMIDDD reserves the right to enter into Contract with a Vendor that may or may not obtain the highest overall score. The Vendor submitting on this RFP waive all rights to make claims against OMIDDD regarding its evaluation or selection of the Vendor it enters into agreement with.

The Vendor selected is to demonstrate excellence in their ability to plan and perform by-pass pumping services on an as-needed emergency basis. The selected Vendor must be familiar with and properly implement all federal, state, and local municipality ordinances on all projects. Vendor must also comply with all federal, state and local laws.

OMIDDD intends to contract with a single Vendor for duties involved in perform by-pass and services in coordination with other underground contractor's construction activity.

The contract duration will be for 3-years and run concurrently from 2021 through 2024.

Per the Terms and Condition, OMIDDD reserves the right to split, abstract or award multiple contracts when in its judgement best serves OMIDDD.

OMIDDD intends to compensate the selected Vendor for all services on a time-and-material basis not to exceed amount using Contractor Rates. The required work scope is outlined in Section 4: SCOPE OF SERVICES. Services will be provided on an "as needed" basis, and under the direction of authorized OMIDDD staff.

## ATTACHMENT B

### SECTION 3: PROPOSAL

Vendor's proposal shall be submitted as a ***hard copy submission with electronic version on a flash disk***. It is the vendor's responsibility to follow the directions for submission.

#### PROPOSAL

In general proposals should be prepared in a simple and economical fashion. Proposals must be organized as described below. Failure to follow proposal format could result in the rejection of your proposal.

#### PROPOSAL INFORMATION AND DOCUMENTS

Your proposal must include and be organized as follows:

Provide in the following order:

- Section 1: Bidder Information and Signature (Pages 1 and 2 of the Solicitation Form)
- Section 2: Letter from bonding company (Attachment II)
- Section 3: Iran Linked Business Certification (Attachment III)
- Section 4: Contractors Proposal (Attachment C)
- Section 5: Any subsequent documentation to support and/or supplement information requested in this RFP

Provide the following information.

A. Compliance with Specifications:

- Complete and sign Solicitation Form by the published due date and time
- Letter from bonding company documenting bonding capacity (Attachment II)
- Complete and sign Iran Based Business Certification Attachment III)
- Vendor's signature confirms all Contract Requirements (Appendix A) as well as the Terms and Conditions included in the Solicitation Form are understood
- Vendor's signature confirms that the insurance requirements set forth in (Attachment I) can be met or exceeded
- Vendor's signature confirms conformance with the E-Verify Program (Attachment IV)

B. Experience/Reference:

- Bidder shall have a minimum of (15) years' experience performing by-pass pumping and dewatering services.
- List of key employees who will be assigned the work. Include years of experience for each employee as well as any trade certification or professional registration.
- Provide a concise history of the firm as well as general experience and specific capabilities of the company.
- Provide (3) references that can describe your experience with by-pass pumping and dewatering services on as an-needed and emergency basis.



## ATTACHMENT B

### C. Concurrent Workload:

- It is the intent of OMIDDD to enter into a 3-year as-needed and emergency contract with the selected Vendor. Describe your staff's ability to mobilize within (2) hours of an emergency notice. Likewise, describe your staff's ability to work flexible hours, including nights, 24-hour pump watch and (4/10) work week.
- Provide a listing and description of concurrent work being performed by the firm. Provide an indication of how this anticipated workload compares to your firm's previous workload levels. Provide a brief explanation on the impact this work will have on this contract

### D. Project Financials:

- Provide round trip mobilization rates
- Provide job classification and hourly billing rates
- Provide mark-up on material and supplies (along with list of material)
- Provide equipment rates (daily, weekly and monthly)
- Provide subcontractor mark-up (along with list of subcontractors)
- Provide insurance premium

## SECTION 4: SCOPE OF WORK

### A. As-Needed Services

The Contractor must be capable of providing or subcontracting the equipment, labor, equipment, materials and subcontractors needed to perform the emergency bypass/discharge requirements stipulated in Appendix D-Bypass Pumping Requirements. In particular, the contractor must be able to supply the largest sizes of the commercially available pumps listed in Appendix D. The Contractor must be able to supply this equipment and associated piping to pump from the depths and flows also provided in Appendix D in an emergency. In addition, the Contractor is to provide labor, equipment, material, and subcontractors to perform as-needed by-pass pumping and dewatering services on an as-needed project basis throughout the OMIDDD system. The scope and duration of each project will be developed prior to assigning the required work to the Contractor. OMIDDD may request proposals on the scope developed, from one or more of the Contractors, based on lump sum, unit price or time-and-material using Contract Rates. This proposal may be used as a not to exceed amount for that particular project, as agreed upon between OMIDDD and the Contractor. Cost estimating and meeting attendance shall be considered incidental. Project assignments will be made at the sole discretion of OMIDDD.

### B. Contractor Availability

In-shop and/or on-site labor, material and equipment will be required on an as-needed basis including emergencies. The Contractor must have the ability to mobilize and be ready to work within (2) hours of being notified for any emergency maintenance or repair requiring by-pass pumping and/or dewatering. In addition, the Contractor must have the ability to work flexible hours, including nights, 24-hour pump watch and (4/10) work weeks as determined necessary by OMIDDD.

## ATTACHMENT B

### C. **Inspection**

All work shall be coordinated as directed through the OMIDDD Project Manager or OMIDDD on-site inspector. OMIDDD shall manage each project, provide full time inspection services and coordinate with local, city, village or township. No operation(s) shall commence without OMIDDD inspection, unless otherwise approved by OMIDDD.

### D. **Permits**

OMIDDD will be responsible for obtaining permits from the Michigan Department of Environment, Great Lakes and Energy (EGLE) when required. The Contractor shall obtain any other permits for each project including soil and erosion control permits from the governing authority. For projects conducted within Michigan Department of transportation (MDOT) Road Commission for Oakland County (RCOC) right of way or Macomb County Department of Roads, the Contractor may use the annual construction permit that OCVRC and MCPWO holds with the MDOT, RCOC and MCDR depending upon the scope of the specific project. Use of these permits must be authorized by OMIDDD on a project-by-project basis. Permit costs will be an acceptable charge to OMIDDD with no additional mark-up.

### E. **Bonding**

The Contractor shall provide separate performance, bonds, labor and material bonds, maintenance and guarantee bonds when requested for specific projects. See Award Information in the Solicitation Form as well as (Attachment II) for additional information.

### F. **Subcontractors**

The Contractor may employ subcontractors depending on the requirements of the project and if deemed necessary by the Contractor. When subcontractors are employed, the Contractor shall provide the names of the subcontractor and contact information to OMIDDD prior to beginning the work. OMIDDD reserves the right to request information related to the experience qualifications of the subcontractor of the portion of the work they will perform and to bar subcontractor from performing the work on a project-by-project basis.

### G. **Submittals**

The Contractor shall furnish the engineer for approval the proposed method of by-pass pumping and dewatering. This submittal shall include well points, route and direction of flow, including all necessary pumping equipment, plugs and temporary piping. Standard submittals shall be considered incidental. Submittals requiring PE design will be an acceptable charge to OMIDDD with no additional mark-up.

### H. **Grant Eligibility**

Certain projects may have grant eligibility requirements which will be provided by the Contractor at no cost to OMIDDD unless otherwise agreed upon.

### I. **Safety**

The Contractor shall be responsible for adhering to all State and Federal Safety Standards at

## ATTACHMENT B

no additional cost to OMIDDD, unless otherwise agreed upon.

### **J. Work Cancellation**

OMIDDD will have complete discretion to cancel work due to weather and or other circumstances with no penalty to OMIDDD. Every attempt will be made to cancel work as soon as feasibly possible.

### **K. Specifications**

The Contractor shall furnish all required labor, equipment, material, supplies and subcontractors as well as perform all work in accordance with the bypass pumping specifications contained in Appendix B and the dewatering specification contained in Appendix C of this solicitation, Oakland County Water Resources (OCWRC) Standards and Specifications, OMIDDD specifications and other applicable local standards based on jurisdiction as applicable. The Contractor shall conform to all local and state executive orders as well as federal guidelines related to COVID-19. All personal protection equipment (PPE) for items such as gloves, boots, safety glasses and respirators shall be considered incidental.

All work shall be performed in a professional manner and shall be consistent with practices of the trade and the attached specifications for each operation. The Contractor is responsible for making themselves familiar with OCWRC Standards and Specifications as they apply on a project-to-project basis.

#### **OCWRC Standards and Specifications**

[http://www.oakgov.com/water/Pages/standards\\_specs.aspx](http://www.oakgov.com/water/Pages/standards_specs.aspx)

#### **Follow COVID-19 MIOSHA, Executive Orders and MDHHS Regulations as required:**

<https://www.michigan.gov/leo/0,5863,7-336-100207---,00.html>

[https://www.michigan.gov/coronavirus/0,9753,7-406-98178\\_98455-533660--,00.html](https://www.michigan.gov/coronavirus/0,9753,7-406-98178_98455-533660--,00.html)

Follow all County and City COVID-19 protocols as required

**OMIDDD By-Pass Pumping Specifications:** Provide by-pass pumping services as determined necessary and agreed upon between OMIDDD and the Contractor. All by-pass pumping will be performed in accordance with the attached OMIDDD By-Pass Pumping Specifications dated March 2012 (Appendix B)

**OMIDDD Dewatering Specifications:** Provide dewatering services as determined necessary and agreed upon between OMIDDD and the Contractor. All dewatering will be performed in accordance with the attached OMIDDD Dewatering Specification as modified May 2021 (Appendix C).

## ATTACHMENT B

### L. **Coordination**

The Contractor shall perform by-pass and dewatering efforts in coordination with other underground contractors. Work performed by these other contractors may include, but are not limited to new construction, replacement, repairs, demolition, abandonment, maintenance and/or video inspection of water, drain and sewer infrastructure.

It is anticipated that excavation, removal, hauling, disposal, unloading/loading material and equipment, installing/removing well casings, maintenance of service, temporary barriers, traffic control, soil erosion, grading, filling and restoration will be performed by other underground contractors. Work performed by others would also typically include installing sewer plugs, removal of manhole sections, vactor truck, electrical work (connecting pumps to existing power), survey work, test holes, soil borings, settlement monitoring, monitoring wells, treatment of contaminated soil or groundwater and locating existing utilities. The Contractor shall have the ability to hire subcontractors for all items listed above if directed by OMIDDD personnel.

The Contractor shall prosecute the work so as not to interfere with or injure the work of other contractors. The Contractor shall provide and maintain adequate pumping and drainage facilities for removal and disposal of water from drains, sewers, trenches or other excavations. The Contractor shall provide pumping and drainage facilities for bulkhead drain and sewer sections so as not to impede the progress of other contractors.

Where underground work contains an excess amount of water, the Contractor shall provide, install, maintain and operate suitable well points, deep wells, connecting manifolds or other methods along with reliable pumping equipment to insure proper construction of the work.

When pumping equipment and/or generators are placed within populated areas, the equipment shall be adequately muffled. Drainage and discharge lines shall be connected to adjacent public storm drains or extended to nearby watercourses. Written permission must be obtained to traverse private property. All pumping and drainage shall be done without damage to public or private property or to the environment

### M. **Method of Payment**

The method of payment by OMIDDD to the Contractor shall be on a time-and-material basis not to exceed amount using Contract Rates. Lump sum or unit price proposals may be necessary on certain projects but will only be required upon special direction of OMIDDD. The Contractor's Proposal shall include Contractor Rates for 2021 – 2024 (Attachment C).

"COST" for services provided by the Contractor are further defined below and shall be the actual and necessary cost incurred by the Contractor.

- Mobilization
- Labor
- Material/Supplies

## ATTACHMENT B

- Equipment
- Subcontractor (if applicable)
- Insurance Premium (if applicable)

Contractor invoicing shall be performed on a monthly basis. Time worked, material placed and equipment utilized must be verified by OMIDDD's on-site inspector and the Contractor. Invoicing shall be itemized and segregated by the type of work. Costs shall be based on Contractor Rates established in the Contractor's Proposal (Attachment C).

Mobilization- Rates shall include round trip for driver and vehicle. Drop off /set up shall be considered (1) round trip. Pick up / teardown shall be considered a second-round trip. Daily drive time from the Contractor's shop to the job site shall be covered in, labor, material and equipment rates unless otherwise stipulated in the bidder's proposal.

Labor- The bidder shall provide a job classification rate sheet for all positions that may be utilized for this contract. This may include laborer, operator and supervisor. Regular, overtime/weekend and holiday rates for each classification shall be provided, as applicable. Provide a day rate for 24-hour pump watch. If OMIDDD determines the need to work (4/10) work weeks, overtime will not be considered for (10) hours work-days.

Material/Supplies- Material and supplies shall be invoiced at cost. Actual invoices are to be submitted and tabulated on a monthly basis. Anticipated material and supplies shall also be listed in the proposal with the bidder's mark-up rate. Anticipated material may include, but is not limited to:

- Discharge piping
- Fuel (pumps/generators)
- Sewer Plugs
- 2NS Sand
- Filter Stone
- Water Truck (if a hydrant is not available)
- Silt Bags
- Sediment Tank

Equipment- The proposal shall include a tabulation of daily, weekly and monthly rates for all Contractor supplied equipment. For by-pass pumping equipment, standby as well as on-line rates shall be provided. For by-pass pumping, the total fee for any material and equipment for a particular project is limited to the new replacement cost of the material and equipment plus applicable mark-up. OMIDDD will have the option to negotiate a buyback price or credit for long duration rentals of material and equipment.

The mark-up rate for equipment rented by the Contractor along with a list of any anticipated rental equipment shall be provided in the proposal. If equipment is required that is not listed in the proposal, then equipment rental shall be the actual additional costs incurred for the necessary equipment. Cost shall not be allowed in excess of usual rentals

## ATTACHMENT B

charged in the area for similar equipment of like size and condition. If additional contractor owned equipment is required and not provided in the proposal, then the rental rate will be determined by use of Blue Book Rental Rates. For equipment not listed in the Blue Book Rental Rates the rental rate will be determined by using the rate listed for a similar piece of equipment.

Non-productive time due to equipment failure or other Contractor determined cause will not be included in the Contractor's monthly invoice. Any equipment that is onsite and necessary for the project but not in use for reasons other than mechanical failure or Contractor determined causes shall be billed at the idle rate, which is 50% of the operating rate.

Subcontractor- The mark-up rate for subcontractor expense, along with a list of any anticipated subcontractor activities shall be provided in the proposal. Subcontractor expense mark-up shall not exceed 10%

Insurance Premium- 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 OMIDDD, submit verification of the applicable insurance rates and premium computations. The Contractor will be allowed to invoice for substantiated direct costs of the additional insurance coverages and limits required herein. No mark-up will be allowed on the invoice. Reference (Attachment I).

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 Contract.

## **Agenda Item No. 11**

Other Business

## **Agenda Item No. 12**

Adjourn