

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

May 20, 2020 – 11:30 a.m.
Via GoToMeeting

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 May 20, 2020
3. Motion to approve the Drainage District Board Meeting Minutes from April 15, 2020
4. Public Comment
5. Present the following Meadowbrook Insurance items for consideration:
 - a) OMIDD NEPS & NEIA Projects OCIP 2020 Agency Services Proposal
 - b) Contract for Insurance Consultant and Agency Services Northeast Sewage Pump Station Renovation and North Interceptor Arm OCIP
 - c) Comparison of Broker Compensation for the OMIDD 2010 OCIP to the Proposed OMIDD NEPS & NEIA OCIP 2020
6. Present Bond Resolutions to Approve:
 - a) Preliminary Estimate of Project Cost
 - b) 2020 Assessment Roll
7. Present NTH Proposal to Provide Occupational Health and Safety Program for NESPS and a Condition Assessment of the Wet Well Overhead Crane Support Structure
8. Motion to approve the following Engineering Work Order:

NTH for Occupational Health and Safety Program and a Condition Assessment of the Wet Well Crane
9. Motion to approve the following Change Orders:
 - a) Change Order No. Six for CSM Mechanical, LLC for a net increase in the amount of \$123,480

- b) Walsh C.O. #2 for Additional Preconstruction Services for a net increase in the amount of \$1,620,000

10. Motion to approve the following Construction Estimate:

Construction Estimate No. Nine for CSM Mechanical, LLC in the amount of \$823,150.54 and a transfer of \$4,156.46 to the Oakland County Treasurer

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

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

13. Motion to approve the following Invoices:

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

1) Labor/Fringes/Non-Direct Labor Factor

• Segment 3	\$	1,721.16
• Segment 4	\$	3,513.40
• Segment 4 NESPS Gatehouse	\$	2,187.00
• Segment 4 NESPS Odor Corrosion Study	\$	26,891.76

2) Equipment Charges

• Segment 3	\$	119.52
• Segment 4	\$	308.00
• Segment 4 NESPS Gatehouse	\$	70.32
• Segment 4 NESPS Odor Corrosion Study	\$	3,393.23

b) Applied Science, Inc.

Invoice No.	NESPS M&E	\$	73,452.75
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c) Bioair

Invoice No. 1-20086	Seg. 4	\$	75,000.00
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d) CH2M

Invoice No. 16	Seg. 4	\$	33,248.33
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e) Clark Hill

Invoice No. 974160	O&M	\$	270.00
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f) Dickinson Wright

Invoice No. 1470561	O&M	\$	140.00
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g) DTE Energy

Invoice No. 56348974	O&M	\$	20,737.00
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h) Hesco

Invoice No. 10685	O&M	\$	31,729.75
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i) Jacobs

Invoice No. 697317CH020	Seg. 1	\$	21,634.51
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j) Kennedy Industries

1) Invoice No. 617257	O&M	\$	4,508.00
2) Invoice No. 617432	O&M	\$	913.00
3) Invoice No. 617706	O&M	\$	2,121.00
4) Invoice No. 617854	O&M	\$	1,518.00

k) Konecranes

1) Invoice No. 154290308	O&M	\$	1,392.00
2) Invoice No. 154300585	O&M	\$	2,760.80

l)	METCO		
	Invoice No. 1811-16	O&M	\$ 43,758.33
m)	Motor City Electric Technologies Inc.		
	1) Invoice No. 35846	O&M	\$ 385.00
	2) Invoice No. 35862	O&M	\$ 924.00
	3) Invoice No. 35884	O&M	\$ 462.00
	4) Invoice No. 35888	O&M	\$ 462.00
	5) Invoice No. 35889	O&M	\$ 115.50
n)	NTH Consultants, Ltd		
	1) NI-EA – Engineering Design Services for Rehabilitation of NI-EA Sections PCI-4		
	Invoice No. 11	NI-EA	\$ 93,792.06
	2) REPAIRS – OMID System Immediate Repairs		
	Invoice No. 15	OIR	\$ 992.81
	3) NESPS – Construction Material Testing for NESPS Odor/Corrosion System		
	Invoice No. 7	Seg. 4	\$ 1,176.64
	4) CS9 – Hydraulic Control Gate		
	Invoice No. 1	O&M	\$ 76,650.58
o)	PM Technologies		
	Invoice No. 137255	O&M	\$ 428.16
p)	PMA Consultants		
	1) Invoice No. 3559.00-88	O&M	\$ 2,049.60
	2) Invoice No. 3559.00-89	O&M	\$ 3,586.79
q)	Premiere Safety		
	Invoice No. 4174529	O&M	\$ 3,624.50
r)	Rotor Electric		
	1) Invoice No. 12232	O&M	\$ 1,125.29
	2) Invoice No. 12233	O&M	\$ 1,732.00
	3) Invoice No. 12316	O&M	\$ 4,579.75
	4) Invoice No. 12318	O&M	\$ 1,161.00
s)	Walsh Construction		
	Invoice No. 22008 Pre-Con 3	NESPS	\$ 88,714.75

14. Present for Board approval PMA Consultant's Contract for Professional Scheduling Services on the NESPS Mechanical and Electrical Upgrades Project and the NI-EA Rehabilitation Project
15. Present Revised Exhibit A for the 2021 rate year based on delayed 2021 GLWA charges implementation
16. Other Business
17. Adjourn

Next Regular Meeting: June 17, 2020 11:30 a.m., Eastern Standard Time. Due to the ongoing COVID-19 pandemic, the location and manner of the June meeting has yet to be determined.

OMID Board Meeting - May 2020
Wed, May 20, 2020 11:30 AM - 2:00 PM (EDT)

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Agenda Item No. 3

Board Meeting Minutes from April 15, 2020

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

April 15, 2020

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held via teleconference on the 15th day of April at 11:30 a.m. Eastern Standard Time.

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, Member 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, Brian Coburn and Megan Koss. Others in attendance: Brady Harrington, MDARD; Fritz Klingler, FK Engineering; Shawn Phelps, OC Fiscal Services; Larry Gilbert, NTH Consultants; Jason Matteo, Jacobs; John Michalski, ASI.

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 11:32 a.m. The Chairperson made a brief statement regarding the ongoing COVID-19 pandemic and, as a result, the need for the meeting to be held via teleconference. He indicated that the meeting was being held in compliance with the Governor's Executive Order 2020-48, which provides that meetings can be held via teleconference while satisfying the tenants of the Open Meetings Act, so long as a quorum is met and meaningful public participation is guaranteed. Steven Korth provided an update about the measures taken to ensure public participation, including the appropriate notice of meeting both on the County's website and posted at the building. Megan Koss indicated that no members of the public ??had contacted her in advance of the meeting. It was noted that no public had called into the meeting.

2. Agenda.

Motion by Miller, supported by Nash, to approve the April 15, 2020 agenda as presented.

ROLL CALL VOTE:

GREGG: AYE
MILLER: AYE
NASH: AYE

3. Minutes.

Motion by Nash, supported by Miller, to approve the minutes of the March 18, 2020 meeting.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

4. Public Comment. None.

5. Engineering Work Order.

The following Engineering Work Orders were submitted to the Board for approval:

- a. CH2M (Jacobs) Work Order No. D – for Additional Odor/Corrosion Study Analyses for an amount not to exceed \$142,658. Motion by Nash, supported by Miller, to approve the CH2M Work Order as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

- b. NTH Work Order No. D – for Design Services Related to Gate Automation at the Existing PC-663 Structure and New Seven Mile ADIT Structure for an amount not to exceed \$68,770. Motion by Miller, supported by Nash, to approve the NTH Work Order as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

6. Change Order.

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

- a. Change Order No. Five for CSM Mechanical, LLC for a net increase in the amount of \$69,000. Motion by Miller, supported by Nash, to approve the CSM Mechanical, LLC Change Order as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

- b. Change Order No. One for Walsh Construction for a net increase in the amount of \$4,560. Motion by Nash, supported by Miller, to approve the Walsh Construction Change Order as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE
NASH: AYE

7. Construction Pay Estimate.

The following Construction Pay Estimate was submitted to the Board for approval: Construction Estimate No. Eight for CSM Mechanical, LLC for a payment to the contractor in the amount of \$459,767.18. Motion by Miller, supported by Nash, to approve Construction Pay Estimate No. Eight as presented.

ROLL CALL VOTE:

GREGG: AYE
MILLER: AYE
NASH: AYE

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

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

ROLL CALL VOTE:

GREGG: AYE
MILLER: AYE
NASH: AYE

9. Financial Reports.

Shawn Phelps of OC Fiscal Services presented the financial reports for Segments 1 through 4 and the NESPS. Motion by Nash, supported by Miller, to receive and file the financial reports (as attached).

ROLL CALL VOTE:

GREGG: AYE
MILLER: AYE
NASH: AYE

10. 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 | \$ 8,817.30 |
| • Segment 4 Odor Corrosion Study | \$ 16,661.06 |
| • Segment 4 Mileage | \$ 465.75 |
| 2) Equipment Charges | |
| • Segment 4 | \$ 674.68 |
| • Segment 4 Odor Corrosion Study | \$ 2,020.07 |
| 3) Reimbursement of Drain Revolving Fund | |
| Macomb County Invoice No. ARP20072 | \$ 8,371.51 |

b)	Applied Science, Inc. Invoice No. 14	NESPS M&E	\$ 121,170.61
c)	CDM Smith Invoice No. 90096249	O&M	\$ 7,324.63
d)	Ch2m Invoice No. 15	Seg. 4	\$ 36,250.94
e)	CSM Mechanical, LLC Invoice No. 20OMIDD001	O&M	\$ 682.37
f)	Dickinson Wright 1) Invoice No. 1455401 2) Invoice No. 1455403	O&M O&M	\$ 875.00 \$ 420.00
g)	Grainger Invoice No. 946704112	O&M	\$ 104.62
h)	Jacobs Invoice No. 19	Seg. 1	\$ 14,163.86
i)	Kennedy Industries Invoice No. 617137	O&M	\$ 1,989.00
j)	METCO Invoice No. 1811-15	O&M	\$ 38,617.63
k)	NTH Consultants, Ltd 1) NI-EA – Engineering Design Services for Rehabilitation of NI-EA Sections PCI-4 Invoice No. 10	NI-EA	\$ 219,002.39
	2) REPAIRS – OMID System Immediate Repairs Invoice No. 14	OIR	\$ 380.65
	3) NESPS – Construction Material Testing for NESPS Odor/Corrosion System Invoice No. 6	Seg. 4	\$ 807.88
l)	PM Technologies 1) Invoice No. 134618 2) Invoice No. 134816 3) Invoice No. 136253 4) Invoice No. 136254 5) Invoice No. 136256	O&M O&M O&M O&M O&M	\$ 645.00 \$ 300.00 \$ 5,750.00 \$ 5,750.00 \$ 5,750.00
m)	Rotor Electric 1) Invoice No. 12305 2) Invoice No. 12307 3) Invoice No. 12306 4) Invoice No. 12308	O&M O&M O&M O&M	\$ 2,449.50 \$ 34,179.70 \$ 258.00 \$ 2,777.42
n)	Select Medical Invoice No. N/A	O&M	\$ 1,104.71
o)	Walsh Construction Company Invoice No. 220008 Pre-Con2	NESPS	\$ 109,334.00

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

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE
NASH: AYE

11. NESPS Emergency Contingencies Project Status Update.

Joel Brown provided a brief update regarding the NESPS Emergency Contingencies Project. He indicated that a “Notice to Proceed” letter was sent to Rotor Electric Company of Michigan, LLC, to begin work on the aforementioned project in accordance with their March proposal for an amount not to exceed \$140,856. Motion by Nash, supported by Miller, to receive and file the update as presented.

ROLL CALL VOTE:

GREGG: AYE
MILLER: AYE
NASH: AYE

12. Other Business.

Chairperson Gregg indicated the next regular meeting is scheduled for May 20, 2020, yet the current controlling Executive Order allowing for meetings to be held via teleconference/video expires May 12, 2020. As a result, the logistics of the May meeting will be determined as the situation surrounding the pandemic transpires. Gregg also noted his desire to proceed with video as opposed to telephonically for the May meeting.

13. Adjourn.

Motion by Nash, supported by Miller, to adjourn the April 15, 2020 meeting at 1:24 p.m.

ROLL CALL VOTE:

GREGG: AYE
MILLER: AYE
NASH: AYE

Next Regular Meeting: May 20, 2020 at 11:30 a.m., Eastern Standard Time. Due to the current COVID-19 pandemic, the location and manner of the May meeting are to be determined.

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 April 15, 2020 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 and Executive Order 2020-02 and that the minutes were kept and will be or have been made available as required by the Act.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this _____ day of _____, 2020.

Jim Nash, Secretary
Oakland-Macomb Interceptor Drain Drainage Board

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Meadowbrook Insurance

April 29, 2020

Good Morning Sid & Joel

Meadowbrook OCIP Proposal for NESPS & NEIA Projects 2020

We have prepared the following estimate for the 2020 OMIDD NESPS & NIEA OCIP of expected insurance costs for the projects based on our experience. Pricing will likely vary depending on the unique characteristics of the projects and market conditions, but these numbers will provide some understanding of the insurance and risk management services costs of the proposed OCIP.

Oakland-Macomb Interceptor Drainage District					
			Years		GL, Excess (25M), Pollution, BR & OPPI
Project Name	Bid Date	Construction Start	Duration	Construction Estimate	Estimated Premium
Northeast Sewage Pump Station	April-2020	July-2020	2.5 to 3.0	\$ 61,498,000	\$ 1,343,608
Northeast Interceptor – East Arm	May-2020	Aug-2020	2.5 to 3.0	\$ 37,891,000	\$ 827,843
				\$99,389,000	\$2,171,451

We believe the construction portions of the project will take approximately 3.0 years to complete. Our work began six months ago and will continue thru project substantial completion and potentially 10 years beyond for project close out, management of claims and other items. Once the projects are in closeout, no additional fees will be billed for ongoing services. The services that we would provide include the following:

Phase I Feasibility

1. This phase is complete. Meadowbrook has gathered enough basic information to explore carrier interest in the project and financial feasibility for and OCIP. The results demonstrate the efficacy of doing the OCIP these projects.

Phase II OCIP Marketing and Administrative Preparation

Our services have already started and include the following:

1. Marketing

- a. Determine the coverage requirements: limits, deductibles, terms, conditions, coverages, exclusions to limit or eliminate, durations, insureds, additional insureds, additional interests, requirements by other entities to comply with, etc.
- b. Compile information that describes the project
- c. Gather underwriting information including engineering: technical, environmental, design, risk mitigation, soil, etc.
- d. Gather loss information as available
- e. Summarize potential contractors list
- f. Acquire bidder contracts specifications
- g. Prepare a submission and solicit the major insurance markets
- h. Respond to carrier questions
- i. Hold a marketing conference with the owner's representatives and the markets
- j. Acquire quotations
- k. Prepare a comparative analysis and make recommendations to the owner
- l. Bind coverage

2. Administration

- a. Coordinate with the project manager
 - i. Prepare insurance language for the contracts to enable the OCIP
 - ii. Attend pre-bid meetings to explain the OCIP
 - iii. Examine bids from contractors to determine conformance with requirements
- b. Contractor Orientation and enrollment
 - i. Attend pre-award meetings
 - ii. Explain the OCIP requirements
 - iii. Acquire all enrollment forms
 - iv. Enroll contractor
 - v. Issue certificates of insurance for OCIP
 - vi. Acquire certificates from contractor for coverages they provide such as WC and Auto
- c. Provide evidence of coverage to the Owner
 - i. Binders
 - ii. Certificates of insurance
 - iii. Copies of insurance policies
 - iv. Additional insureds
 - v. Mortgage interests

- d. Attend Board meetings as required
- e. Prepare reports as required
- f. Report and manage claims
- g. Contractor closeout

Phase III Project Closeout

- 1. Close out policies and manage premium adjustments
- 2. Continue management of claims
- 3. Report new incurred but not reported claims and products and completed operations claims
- 4. Coordinate all insurance related issues for the project for thru the 10-year statute of repose

Broker Compensation

Brokers compensation is proposed as a combination of fees and commissions as follows:

- 1. Admin Fee of \$125,000 per year (estimated 3.0 years @ \$125,000 = \$375,0000) – would begin upon execution of our contract and continue after substantial completion thru project closeout with all fees to be billed annually in advance
- 2. Set-up fee for project one-time charge of \$27,500
- 3. Commission on Builders Risk, Pollution and OPPI estimated @\$130,000 total for the 3.0-year term of project (GL and Umbrella would be proposed with no commissions included as the fee would be taken in lieu of commissions)
- 4. Approximately \$850 per month for admin software as a pass thru cost to Owner (if required)
- 5. Proposed fee does not include loss control oversight or on-site loss control staff (would be part of an extension to the existing contract which expires in September 2020)

Attached is our proposed contract for the OCIP. Please review along with our proposal outlined above. We would like to work toward Administrative and OMIDD Board approval during the May Board meeting if at all possible.

Also, please let me know your availability to discuss our proposal. Would you have availability to conference on Friday or Monday at 10 am either day?

Thanks!

Sal

Salvatore Saputo | Executive Vice President
[o]248.204.8163 [c]248.943.1317 [f]248.358.4665
26255 American Drive, Southfield MI 48034
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Account Manager, Phillip Anderson [o]248.204.8569
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CONTRACT FOR OCIP INSURANCE CONSULTANT AND AGENCY
SERVICES
NORTHEAST SEWAGE PUMP STATION RENOVATION AND NORTH
INTERCEPTOR EAST ARM REHABILITATION PROJECTS

BETWEEN

MEADOWBROOK, INC.
AND
OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT

OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT
ONE PUBLIC WORKS DRIVE, BUILDING 95 WEST
WATERFORD, MI 48328

This Agreement, made and entered into the ___ day of May 2020, between Meadowbrook, Inc. (“MIA”) and the Oakland-Macomb Interceptor Drain Drainage District (“OWNER”).

WHEREAS, Projects (“PROJECTS”) shall, in general, consist of the following:

PROPOSED PROJECTS:

Project Name	Bid Date	Construction Start	Years Duration	Construction Estimate
Northeast Sewage Pump Station Renovation	April-2020	July-2020	2.5 to 3.0	\$61,498,000
North Interceptor – East Arm Rehabilitation	May-2020	August-2020	2.5 to 3.0	\$37,891,000
TOTAL				\$99,389,000

WHEREAS, OWNER has retained MIA as the Insurance Agent for (the “PROJECTS”):

WHEREAS, OWNER, in consultation with MIA, intends to develop and implement an Owner Controlled Insurance Program (OCIP) and Project Professional Liability Program in connection with the PROJECTS; and

NOW, THEREFORE, for and in consideration of the mutual promises contained herein, the parties agree as follows:

DEFINITIONS

Wherever used in this Agreement the following terms have the meanings indicated which are applicable to both the singular and plural thereof:

1. **Agreement.** This Contract for Insurance Consultant and Agency Services between OWNER and MIA including all exhibits hereto.
2. **Work Order.** A document which is signed by MIA and OWNER to authorize an addition, deletion or revision in the services to be performed by MIA under this Agreement, or an adjustment in the compensation to be paid by OWNER to MIA.
3. **Documents.** Data, reports, and other deliverables, whether in printed or electronic media format, provided or furnished in appropriate phases by MIA to OWNER pursuant to this Agreement.
4. **Contract Documents.** All bid specifications, amendments, General Conditions and Supplemental Conditions, diagrams, maps, exhibits, etc., provided or furnished to Contractors for completion of the Project.

5. **Contractor.** The persons or entities with whom OWNER enters into a written agreement covering construction work to be performed or furnished with respect to the PROJECTS.
6. **Subcontractor.** The persons or entities with whom Contractor enters into a written agreement covering construction work to be performed or furnished with respect to the PROJECTS.
7. **Engineer.** The engineering consultant under contract with the OWNER to provide design, project administration, or other professional services as specified in the professional services contract documents and addenda specific for each engineering consultant.
8. **General Conditions.** That part of the Contract Documents which sets forth terms, conditions and procedures that govern the Work to be performed or furnished by Contractor(s) with respect to the PROJECTS.
9. **Site.** Land or areas indicated in the Contract Documents as being furnished by OWNER upon which the Work is to be performed, rights-of-way and easements for access thereto, and such other lands furnished by OWNER which are designated for use of Contractor(s).
10. **Work.** The entire completed construction or the various separately identifiable parts thereof required to be provided under the Contract Documents with respect to the PROJECTS. Work includes and is the result of performing or furnishing labor, services, and documentation necessary to produce such construction and furnishing, installing, and incorporating all materials and equipment into such construction, all as required by the Contract Documents.
11. **PROJECTS.** Northeast Sewage Pump Station Renovation; North Interceptor East Arm Rehabilitation or any additional sites mutually agreed upon in a written addendum.

SECTION A - CONSULTANT AND AGENCY SERVICES

OWNER does hereby retain MIA and MIA does hereby agree to perform the following services on the terms and conditions hereinafter set forth.

The services to be provided by MIA comprise the professional disciplines and expertise necessary for MIA to complete its obligations under this Agreement in the best interests of, and within the amount authorized by, the OWNER for this purpose.

The description of MIA's services in this Agreement is intended to define, but not exclude, any regular or normal services necessary for MIA to perform its obligations under this Agreement in an effective, efficient, and economical manner within accepted requisites and standards of professional practice in the profession.

Item No 1. SERVICES PROVIDED

Subject to all other terms and conditions of this Agreement, MIA shall provide professional assistance to OWNER in the development, implementation and administration of the OCIP. The OCIP shall include the following casualty, property, and other insurance coverages recommended by MIA to OWNER for the Work to be performed on the Site, in accordance with the Construction Contract:

- a. Commercial general liability;
- b. Builder's risk;
- c. Excess liability;
- d. Environmental liability;
- e. Project professional (OPPI); and
- f. Such other insurance coverages as may be requested by OWNER from time to time upon the recommendation of MIA.

In furtherance thereof, MIA shall provide the following services:

- 1.1. Develop an OCIP marketing package to be submitted to prospective underwriters for review and approval of the OWNER, and upon receipt of approval market such OCIP;
- 1.2. Negotiate, upon approval of OWNER, the terms and conditions of the insurance coverages for the OCIP and take such steps as deemed appropriate by MIA to implement the OCIP coverages; including advice as to inclusion of insurance requirements in the Contract Documents;
- 1.3. Place all insurance for the PROJECTS and OWNER for the full duration of the PROJECTS as "Agent of Record" for the insurance coverages of Owner.
- 1.4. Conduct OCIP orientation sessions, as directed by OWNER, for Contractors, Subcontractors, Engineers, and such other persons as OWNER may direct.
- 1.5. OCIP administration, including a list of the Engineer(s), Contractor(s) and Subcontractors enrolled in the OCIP, a summary of any significant issues MIA has encountered in the administration of the OCIP and any recommendations MIA deems appropriate for the operation of the OCIP;
- 1.6. Administer the OCIP, which shall include:
 - a. Enrollment of the Contractor(s) into OCIP program;
 - b. Notification to the insurer(s) with regard to enrollments, terminations, and contract completion;

- c. Processing and distributing all OCIP policies and endorsements during the term hereof;
- d. Reviewing insurance certificates furnished by Engineer(s), Contractor(s) and Subcontractors to verify compliance with the insurance requirements contained in the Contract Documents;
- e. Assisting Contractor(s) in determining which Subcontractors qualify for enrollment under the OCIP;
- f. Reviewing OCIP insurers' audits;
- g. Serving as liaison between OWNER and the OCIP insurers with respect to claims filed under the OCIP. MIA shall advise as to need and method for providing notice of claims and consult with OWNER as to all actions necessary to protect OWNER's rights as an insured.

Item No.2: ADDITIONAL SPECIAL SERVICES

MIA shall provide Additional Special Services on an "as needed" basis upon specific prior written request of OWNER. No payment, of any nature whatsoever, will be made to MIA for additional work or services without such prior written approval by OWNER. Authorization for such work or services, in accordance with this provision of this Agreement, shall be in the form of a Work Order, issued by OWNER, stating the scope of the additional work, and the basis for payment. Those services are as follows:

- 1. Assistance to OWNER for preparation or appearance as an expert witness in litigation arising from the development or construction of the PROJECTS unless such services are required due to MIA's negligent acts, errors or omissions.
- 2. Preparation of supporting documents for insurance submission.
- 3. Any other services resulting from significant changes in the scope, extent or character of the portions of the PROJECTS specified by MIA or its requirements when such changes are issued as a result of some action or inaction on the part of OWNER, including, but not limited to, changes in size, complexity, OWNER's schedule, character of construction or method of financing; and revising previously accepted studies, reports, drawings, specifications or Contract Documents when such revisions are required by changes in laws, rules, regulations, ordinances, codes or orders enacted subsequent to the preparation of such studies, reports, drawings, specifications, or Contract Documents, or are due to other causes beyond MIA's control.

Notwithstanding anything to the contrary expressed elsewhere in the Agreement, no additional or other consulting services made necessary by any fault or omission of MIA to properly perform its professional consultant and agency services in conformance with the standard of practice of the profession as contracted for with OWNER, shall be compensated as an Additional Special Service under this Agreement. In the event that MIA's negligent acts, errors or omissions are determined by the final and unappealable ruling of a tribunal having jurisdiction of the claims

not to be the sole cause for such additional or other consulting services, MIA shall receive compensation only for those services which are not attributable to its negligent acts, errors or omissions. Additional Special Services covered under this contract will be compensated on an hourly rate of \$250 per hour.

SECTION B – OWNER’S RESPONSIBILITIES

In addition to making proper payment for a performed service or an incurred expense, OWNER may provide, at its discretion, upon the request of MIA, information and services as described in this Section. The cost and accuracy of the information provided shall be the obligation of OWNER (subject to any appropriate conditions or qualifications), but the interpretation, evaluation and use in and for the service of the PROJECTS, shall be the responsibility of MIA.

The information or services provided shall not, under any circumstances, be a substitute for or relieve MIA of any responsibility or expense for the services or its duties to render services pursuant to this Agreement in accordance with professional consulting standards of practice of the profession.

The OWNER may:

1. Provide information in the form of tests, surveys and reports, or from written requirements, or advice and counsel, or by MIA, or other service. Such information and service may include:
 - a. A prospectus or statement consisting of information regarding the requirements of the Project.
 - b. Existing studies, reports and other available data pertinent to the Project; obtain or authorize MIA to obtain or provide additional reports and data as required; and furnish to MIA services of others required for the performance of MIA’s services hereunder.
 - c. Such accounting and independent cost estimating services as may be required for the Project, such legal services as OWNER may require or MIA may reasonably request with regard to legal issues pertaining to the Project including any that may be raised by Contractors.
2. Review and comment on submitted reports, if necessary, and render timely decisions pertaining thereto. MIA’s duties as set forth in the Agreement shall at no time be in any way diminished by reason of any approval by OWNER of any reports or other submissions from MIA nor shall MIA be released from any liability by reason of such approval by OWNER, it being understood that OWNER at all times is ultimately relying upon MIA’s skill and knowledge in connection with its services under this Agreement.
3. Arrange for access to and make all provisions for MIA to enter upon public and private property as required for MIA to perform its services.

4. Designate in writing a person to act as OWNER's representative with respect to the services to be rendered under this Agreement. Such person shall have complete authority to transmit instructions, receive information, interpret and define OWNER's policies and decisions with respect to materials, equipment, elements and systems pertinent to MIA's services.

OWNER agrees to be responsible for the following:

- a. Providing the necessary insurance submission and underwriting information pertaining to the OWNER as requested by the MIA;
- b. Participating in periodic reviews of the OCIP and related meetings;
- c. Making final decisions on all matters relating to OWNER's and Project's insurance coverages, risk management and loss control needs and activities.

MIA shall be entitled to use and rely upon all such information and services provided by OWNER or others in performing MIA's services under the Agreement. Nothing contained herein shall relieve MIA of its responsibility to appropriately verify any such information received when such verification would be appropriate for MIA in order to perform his duties in accordance with professional consulting standards of practice of the profession.

SECTION C - COMPENSATION FOR CONSULTING SERVICES AND TERM OF PROJECTS

1. Compensation

For the performance of the services to be provided hereunder, OWNER agrees to pay MIA the following fees:

Marketing and Setup Fee – to be billed at execution of the contract for the three (3) months prior to start of construction: \$27,500

Fee Installments (paid in advance at project start)
Annually \$125,000

\$850 Monthly charge for Nourtek risk management solution or a similar computer program (as needed)

First Fee installment payable at inception of construction and billed every twelve (12) months through full duration of the project (which is expected to be complete in three (3) years) and to continue through project OCIP closeout. Any partial year's fee will be estimated pro-rata and paid in advance.

Core OCIP insurance policy (commercial general liability) and excess liability will be placed without a commission charge, but MIA will take ordinary commissions from

premiums paid for builder's risk, environmental liability, OPPI and other policies, which may be required to be placed and maintained for the project.

Consultative legal services for disputed claims with insurance companies, other legal requirements, associated claims expenses and other expenses that may not be payable through such insurance companies will be paid by the OWNER.

2. This Agreement will be for the full term of the PROJECTS.

SECTION D - ADDITIONAL CONDITIONS

1. No Waiver of Rights/Provision of Legal Defense of Claims

OWNER's review, approval, acceptance of, or payment for any of the services required under the Agreement shall not be construed to operate as a waiver by OWNER of the rights under the Agreement or of any cause of action arising out of the performance of the Agreement by MIA.

Notwithstanding any other provision in this Agreement, no provision in this Agreement is intended, nor shall any such provision be construed, as either waiving or constituting a waiver of any public or governmental immunity afforded to the OWNER, and/or OWNER's agents, employees, representatives as provided by applicable statutes and/or court decisions. Except as otherwise provided herein, at no cost to the OWNER, MIA shall assist and cooperate with OWNER in the investigation and defense of any claims which arise in whole or part from the services provided by MIA or which are alleged to have occurred in whole or in part as a result of the negligent acts, errors, or omissions of MIA in the performance of any of the services furnished under the Agreement.

In the event of litigation that includes any third-party claim or third-party counterclaim arising from MIA's obligations hereunder, or the negligent acts, errors or omissions of MIA, its agents, consultants, employees, or representatives, ("Claim"), MIA shall provide a legal defense to OWNER, whether that defense is provided by MIA's insurance carrier or at MIA's own expense.

To the extent insurance coverage does not exist relative to the Claim, MIA agrees to indemnify, defend and hold OWNER harmless from and against all liabilities, losses, claims, interest, penalties, damages, court costs and amounts paid in settlement whatsoever (including reasonable attorneys' fees, whether or not suit is instituted, whether incurred in any settlement, trial or appellate level) suffered by OWNER arising out of or resulting from the negligent acts, errors or omissions of MIA relating to the Claim.

If OWNER's liability in whole or in part for the Claim is caused by OWNER's own negligence or other wrongful acts or omissions, OWNER shall be responsible for payment of that portion of any liability (whether resulting from a judgment or settlement) which is attributable to OWNER's negligence or other wrongful act or omission ("OWNER's Share"). OWNER shall also be responsible for paying that portion of the total defense costs as is determined by multiplying the total defense costs

by a fraction, the numerator of which is OWNER's Share and the denominator of which is the total liability associated with the Claim.

2. Termination

A. The obligation to provide further services under this Agreement may be terminated:

I. For cause,

- a. By either party upon seven (7) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.
- b. By MIA:
 - i. Upon seven (7) days written notice if MIA believes that MIA is being requested by OWNER to furnish or perform services contrary to MIA's responsibilities as a licensed professional; or
 - ii. Upon seven (7) days written notice if MIA's services for the PROJECTS are delayed or suspended for more than ninety (90) days for reasons beyond MIA's control.
- c. Notwithstanding the foregoing, this Agreement will not terminate as a result of such substantial failure if the party receiving such notice begins, within seven (7) days of receipt of such notice, to correct its failure to perform and proceeds diligently to cure such failure within no more than thirty (30) days of receipt thereof; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such thirty (30) day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, sixty (60) days after the date of receipt of the notice.

II. For convenience,

- a. By OWNER upon ninety (90) days written notice, without regard to any fault or failure to perform by any party.

B. Compensation to MIA

- I. If the termination is for the convenience of OWNER, an equitable adjustment in the compensation of MIA shall be made, MIA will reimburse Owner (because costs are prepaid) but no amount shall be allowed for anticipated profit or unperformed services. In the event of termination during any phase of the PROJECTS, including the review of insurance and related language for construction and consulting services contracts, broker selection and insurance

placement process, MIA will be paid for services performed or furnished in accordance with this Agreement through date of termination on an hourly basis at a rate of \$250 per hour.

- II. If the termination is due to the failure of MIA to fulfill its contractual obligations, including, without limitation, substandard performance by MIA, or careless, or negligent, or incompetent, or deficient services by MIA, OWNER may take over the work and prosecute the same to completion by contract or otherwise and OWNER shall be compensated by MIA for any losses, costs or additional expenses (including, without limitation, legal fees and expenses and internal consulting time and expenses) it incurs by virtue of termination and alternative completion of the work.

C. Discontinuance of Services; Delivery of Documents to OWNER

- I. Upon receipt of a termination notice, whether for cause or the convenience of OWNER, MIA shall immediately discontinue all services affected (unless the notice directs otherwise), deliver to OWNER copies of all data, reports, estimates, summaries, and such other information and materials as may have been accumulated by MIA in performing this Agreement and perform any other services upon termination as required in other provisions of this Agreement.

3. Cooperation with Successor Construction Safety Consultant or Agency

In the event of a termination under this Agreement, MIA agrees to cooperate with and provide any information requested by OWNER to MIA's successor in connection with the completion of the PROJECTS.

4. Ownership of Documents

- A. All original reports and other documents prepared or created by MIA pursuant to this Agreement or any obligation hereunder, shall become the exclusive property of OWNER
- B. Notwithstanding any other provisions of this Agreement, all of MIA's preexisting or proprietary computer programs or software developed by MIA outside of this Agreement shall remain the exclusive property of MIA.

5. Insurance to be Maintained by MIA

MIA will, at no cost to the OWNER, obtain and endeavor to maintain for the duration of this Agreement the following insurance coverages. MIA will further endeavor to maintain coverages under claims-made policies for a period of six (6) years following the completion of the PROJECTS, only if such insurance coverage is commercially available. All such insurance obtained by MIA shall be non-cancelable by endorsement without thirty (30) days prior to written notice to the OWNER and shall be evidenced

by Certificates of Insurance to be delivered to the OWNER upon execution of this agreement. MIA will not engage or employ any consultant who does not maintain the insurance coverages referred to in this Agreement. MIA will endeavor to periodically verify that said consultants are maintaining the insurance coverages required under this Agreement.

- A. Professional Liability/Errors and Omissions Coverage in the minimum amount of Seven Million (\$7,000,000) Dollars, per occurrence/claim and aggregate.
- B. Commercial General Liability policy (New ISO Designation) in the minimum amount of One Million (\$1,000,000) Dollars combined single limit per occurrence and aggregate, including contractual liability recognizing this contract.
- C. Comprehensive Automobile Liability policy to cover bodily injury and property damage arising out of the ownership, maintenance or use of any motor vehicle owned, non-owned or hired vehicles in the minimum amount of One Million (\$1,000,000) Dollars combined single limit per occurrence. No fault coverage complying with the statutory requirements of the State of Michigan is also required.
- D. Workers' Compensation Insurance including Employer's Liability to cover employee injuries or disease compensable under the Workers' Compensation statutes of the State of Michigan and the states in which work is conducted under the Agreement, disability benefit laws, if any; or federal compensation acts such as U.S. Longshoremen or Harbor Workers, Maritime Employment, or Railroad Compensation Act(s), if applicable. Self-insurance plans approved by the regulator authorities in the state in which Work on the PROJECTS is performed and the State of Michigan are acceptable. Employee's liability coverage shall be in the minimum amount of Five Hundred Thousand (\$500,000) Dollars per occurrence.

6. Indemnification

MIA agrees to defend, indemnify and hold harmless the OWNER and OWNER's agents, employees, against any and all claims, loss, liability, damages, costs and expenses, including, but not limited to, all reasonable fees and charges of consultants, attorneys and other professionals, all internal consulting and other time and expenses incurred by OWNER using its own staff, and all court or other dispute resolution costs, caused by the negligent acts, errors or omissions of MIA, its agents, consultants, employees or representatives; provided however, MIA shall not be required to defend, indemnify or hold harmless the OWNER or other indemnified parties for their own negligence or breach of this Agreement as set forth in Paragraph 1 of this Section.

7. Assignment

MIA shall not assign this Agreement without the written consent of OWNER and MIA shall not unreasonably object to any assignment of this Agreement by OWNER, except

to the extent that any assignment is mandated by law or the effect of this limitation may be restricted by law.

8. Independent Contractor

MIA shall perform and execute the provisions of this Agreement as an independent contractor and shall not be an agent or employee of OWNER.

9. Construction of Document/Governing Laws

If there is a discrepancy between the obligations of MIA as provided for herein, and those set forth in the General Conditions of the Construction Contract, then the terms of this Agreement shall govern MIA's obligations and responsibilities to OWNER.

Both parties agree that performance under this Agreement will be conducted in compliance with all federal, Michigan, and local laws and regulations. This agreement shall in all respects be interpreted, enforced and governed under the laws of the State of Michigan.

The language of all parts of this Agreement is intended to and under all circumstances shall be construed as a whole according to its fair meaning and not construed strictly for or against any party. Any use of the singular or plural number, any reference to the male, female, or neuter gender(s), possessive or non-possessive, in this Agreement shall also be deemed to include the appropriate other when the context so suggests or requires.

10. Alternative Dispute Resolution

Claims, disputes or other matters in question between the parties to this Agreement arising out of or relating to this Agreement shall be decided as set forth below:

- A. Facilitation. OWNER and MIA shall submit their claims, disputes or other matters in question to a neutral facilitator selected by the parties who will assist in the resolution of the claim, disputes or other matter. Facilitation is defined as: A process to reconcile parties and settle disputes.
- B. Non-Binding Mediation. If OWNER and MIA are unable to settle their claims through facilitation, they shall participate in non-binding mediation. The mediation shall be conducted pursuant to the provisions of the Michigan Rules of Court. The mediation shall be without sanctions. The parties shall select the individual mediators and agree on compensation.

11. Survival of Rights and Obligations

MIA and OWNER's obligations, to the extent applicable, which arise under Section A and Section D, paragraphs I to 6, shall survive the termination of this Contract indefinitely.

12. Additional Insured on PROJECTS Policies

MIA is hereby listed and or authorized to be listed as an additional insured on all appropriate PROJECTS insurance policies of the Owner, said policies will be primary and non-contributory in the event of any loss or claim for damages.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first referenced in this Agreement.

WITNESSES:

MEADOWBROOK, INC.

By: _____

By: _____

WITNESSES:

OAKLAND-MACOMB INTERCEPTOR
DRAIN DRAINAGE DISTRICT

By: _____

By: _____

From: [Sal Saputo](#)
To: [Lockhart, Sidney A](#); [Stephen Downing](#); [Brown, Joel T](#)
Cc: [James Kelley](#); [Phillip Anderson](#)
Subject: RE: Comparison of Broker Compensation for the OMIDD 2010 OCIP to the Proposed OMIDD NESPS & NEIA OCIP 2020
Date: Monday, May 11, 2020 11:12:15 AM
Attachments: [image002.png](#)

Revised

Hi Sid & Joel

This information supplements what I sent on Monday for our conference call tomorrow anticipating that you may have some interest in historical compensation.

Please see below a comparison of the original OMIDD OCIP 2010 approach to Meadowbrook compensation to that proposed for the NESPS & NEIA OCIP 2020. The commission levels used for the Umbrella Excess, BR, Pollution and OPPI are 15% . For the purpose of illustration, I used our premium estimates for the current projects for both OMIDD 2010 and the NESPS & NEIA OCIP 2020 rather than the historical premiums from the prior 2010 project. I did this to avoid distortion in the comparison because of significant differences in project size, time for project completion and insurance markets pricing. The major reason that the NESPS & NEIA 2020 project compensation is significantly less expensive in this illustration is because WC was included in the original OMIDD project and will not be included in the 2020 OCIP. Also, there will not be a premium deduct and audit process to manage as well.

Comparison OMIDD OCIP to Proposed OMIDD NESPS & NEIA OCIP	OMIDD 2010			NESPS & NEIA 2020		
	First 15 mo	Next 2 Yrs	Total	First 15 mo	Next 2 Yrs	Total
Lump Sum One Time Charge	\$ 38,250	\$ -	\$ 38,250	\$ -	\$ -	\$ -
Three Months Prior to Construction	\$ 57,000	\$ -	\$ 57,000	\$ 27,500	\$ -	\$ 27,500
Fee Installments	\$ 126,000	\$ 252,000	\$ 378,000	\$ 125,000	\$ 250,000	\$ 375,000
Commission for Builders Risk, Pollution and OPPI	\$ 130,000	\$ -	\$ 130,000	\$ 130,000	\$ -	\$ 130,000
Umbrella Excess Commissions	\$ 88,883		\$ 88,883	\$ -	\$ -	\$ -
Nourtek Fee	\$ 10,200	\$ 20,400	\$ 30,600	\$ 10,200	\$ 20,400	\$ 30,600
Grand Total of Fees & Commissions [1]	\$ 450,333	\$ 272,400	\$ 722,733	\$ 292,700	\$ 270,400	\$ 563,100
[1] Compensation for OMIDD higher because of the complexity of managing an OCIP when WC is included						

Hopefully, this makes the fee structure more understandable and puts it in context to what has been done in the past.

Thanks!

Sal

Salvatore Saputo | Executive Vice President

[o]248.204.8163 [c]248.943.1317 [f]248.358.4665

26255 American Drive, Southfield MI 48034

[e]salvatore.saputo@meadowbrook.com

Account Manager, Phillip Anderson [o]248.204.8569

[e]phillip.anderson@meadowbrook.com



Agenda Item No. 6

Bond Resolutions

**MICHIGAN DEPARTMENT OF AGRICULTURE
AND RURAL DEVELOPMENT**

In the Matter of:

Oakland-Macomb Interceptor Drain,

**RESOLUTION APPROVING SPECIAL ASSESSMENT ROLL NO. 1
RELATING TO SERIES 2020 BONDS**

At a regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held at the offices of the Oakland County Water Resources Commissioner, _____, Waterford Township, Michigan on the 20th day of May, 2020, present:

PRESENT: _____

ABSENT: _____

OTHERS PRESENT: _____

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

WHEREAS, the Secretary of the Board has caused to be presented to the Board at this meeting and in accordance with the Final Order of Apportionment adopted on August 21, 2019, the Special Assessment Roll No. 1 Relating to Series 2020 Bonds with respect to finance all or a part of the cost of the Project for the design and construction of improvements, the costs relating to the Project and the costs of issuance of such Bonds as described on ATTACHMENT 1:

NOW THEREFORE, be it resolved that:

1. Special Assessment Roll No. 1 Relating to Series 2020 Bonds as presented on behalf of the Secretary to this Board, upon which Special Assessment Roll No. 1 Relating to Series 2020 Bonds are spread assessments against the assessed public corporations and which is attached hereto, is hereby approved and ordered filed with the Chairperson.
2. The Chairperson and Secretary of the Board are hereby authorized and directed to execute the statement affixed to said Roll setting forth the date of such approval.

3. The Chairperson of the Board, within ten (10) days of the date hereof, shall certify to each public corporation assessed the amount of the total assessment against it, the amount of each installment, the due date of each installment, and the rate of interest upon the assessment from time to time unpaid. In addition, each year as required by law, the Chairperson shall notify each public corporation assessed of the amount of the installment and interest next becoming due.
4. All resolutions or portions thereof previously adopted by this Board, to the extent they conflict with this resolution, are hereby rescinded.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of a resolution adopted at a meeting of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District held in Waterford, Township, Michigan on May 20, 2020; that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

Jim Nash, Secretary of the Drainage Board

Dated: May ____, 2020

ATTACHMENT 1

**SPECIAL ASSESSMENT ROLL NO.1 RELATING TO SERIES 2020 BONDS
FOR OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT
(An Inter-County Drain in Oakland County and Macomb County, Michigan)
PRELIMINARY ESTIMATE**

TOTAL AMOUNT ASSESSED FOR THE PROJECT COSTS: \$ 99,500,000.00

TOTAL PROJECT COST BONDED: 99,500,000.00

TOTAL BOND ISSUE*: **\$ 99,500,000.00**

*Including Financing Costs and Contingency

County of Oakland	33.1000% PERCENTAGE OF PROJECT	AMOUNT ASSESSED FOR PROJECT	PREPAID	AMOUNT ASSESSED FOR FINANCING COSTS	AMOUNT ASSESSED FOR BOND ISSUE	33.1000% PERCENTAGE OF BOND ISSUE
PUBLIC CORPORATIONS						
City of Auburn Hills	4.9705%	4,945,647.50		-	4,945,647.50	4.9705%
Independence Township (includes Village of Clarkston)	2.4213%	2,409,193.50		-	2,409,193.50	2.4213%
City of Lake Angelus	0.0185%	18,407.50		-	18,407.50	0.0185%
Village of Lake Orion	0.3409%	339,195.50		-	339,195.50	0.3409%
Oakland Township	1.0393%	1,034,103.50		-	1,034,103.50	1.0393%
Orion Township	3.1494%	3,133,653.00		-	3,133,653.00	3.1494%
Oxford Township	1.2468%	1,240,566.00		-	1,240,566.00	1.2468%
Village of Oxford	0.5928%	589,836.00		-	589,836.00	0.5928%
City of Rochester	1.9526%	1,942,837.00		-	1,942,837.00	1.9526%
City of Rochester Hills	8.1106%	8,070,047.00		-	8,070,047.00	8.1106%
Waterford Township	7.6159%	7,577,820.50		-	7,577,820.50	7.6159%
West Bloomfield Township	1.6414%	1,633,193.00		-	1,633,193.00	1.6414%
	33.1000%	32,934,500.00		-	32,934,500.00	33.1000%

County of Macomb	66.9000% PERCENTAGE OF PROJECT	AMOUNT ASSESSED FOR PROJECT	PREPAID	AMOUNT ASSESSED FOR FINANCING COSTS	AMOUNT ASSESSED FOR BOND ISSUE	66.9000% PERCENTAGE OF BOND ISSUE
PUBLIC CORPORATIONS						
Chesterfield Township	4.7983%	4,774,308.50		-	4,774,308.50	4.7983%
Clinton Township	14.1538%	14,083,031.00		-	14,083,031.00	14.1538%
City of Fraser	2.7237%	2,710,081.50		-	2,710,081.50	2.7237%
Harrison Township	4.1556%	4,134,822.00		-	4,134,822.00	4.1556%
Lenox Township	0.6353%	632,123.50		-	632,123.50	0.6353%
Macomb Township	9.4344%	9,387,228.00		-	9,387,228.00	9.4344%
Village of New Haven	0.5475%	544,762.50		-	544,762.50	0.5475%
Shelby Township	6.6490%	6,615,755.00		-	6,615,755.00	6.6490%
City of Sterling Heights	20.8081%	20,704,059.50		-	20,704,059.50	20.8081%
City of Utica	1.1036%	1,098,082.00		-	1,098,082.00	1.1036%
Washington Township	1.8907%	1,881,246.50		-	1,881,246.50	1.8907%
	66.9000%	66,565,500.00		-	66,565,500.00	66.9000%

The full amount of the assessment is due on December 1, 2020.

Interest on the outstanding Principal balance shall accrue at the rate of ____% per annum (total interest cost payable from _____ 1, 2020 and semi-annually thereafter.

The foregoing roll was approved by
the Drainage Board for the Oakland-
Macomb Interceptor Drain on May 20, 2020

We hereby certify that the foregoing
special assessment roll was prepared
in accordance with the directions of
the Drainage Board for the Oakland-
Macomb Interceptor Drain and the
Statutory provisions applicable thereto.

Chairperson, Drainage Board

Chairperson, Drainage Board

Secretary, Drainage Board

Secretary, Drainage Board

Member

Agenda Item No. 7

NTH Proposal



NTH Consultants, Ltd.

Infrastructure Engineering
and Environmental Services

41780 Six Mile Road, Suite 200
Northville, MI 48168
248.553.6300
248.324.5179 Fax

Oakland Macomb Interceptor Drain Drainage District c/o: May 06, 2020
Mr. Sid Lockhart, P.E. NTH Proposal No. 61-200209
Special Projects Manager
Office of the Oakland County Water Resources Commissioner
One Public Works Drive, Building 95 West
Waterford, MI 48328-1907

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

**RE: Proposal to Provide Occupational Health and Safety Program and Condition
Assessment of the Wet Well Overhead Crane Support Structure
Northeast Sewage Pumping Station
Oakland Macomb Interceptor Drain Drainage District
Detroit, Wayne County, Michigan**

Dear Messrs. Lockhart and Downing:

We are pleased to submit this proposal to provide as-needed professional consulting services related to the preparation of an Occupational Health and Safety Program for the Northeast Sewage Pumping Station (NESPS) located at 11001 East State Fair Avenue, Detroit, Michigan, and to prepare Safety Guidelines for Contractors working at the NESPS. The Occupational Health and Safety Program is intended to address health and safety issues associated with both new construction and in general the rehabilitation and maintenance of the NESPS. This proposal also includes consulting services for the condition assessment of the wet well overhead crane support structure located on the north elevation of the NESPS.

We have based this proposal on your discussions with Mr. Sachidanandan and Mr. Gilbert of our firm. The following sections present our understanding of the project background, our proposed scope of work, and the associated professional fees, terms, and conditions.

PROJECT UNDERSTANDING

We understand that the Oakland Macomb Interceptor Drain Drainage District (OMIDDD) desires an Occupational Health and Safety Program to be developed to satisfy MIOSHA regulatory requirements for the NESPS as well as supporting the overall maintenance of work-place safety practices at the subject facility. The program is intended to address work that OMIDDD currently has in progress at the site, but also anticipates future projects would be included. Based on past work with the OMIDDD, we anticipate that input may be required from both Oakland and Macomb Counties, as well as potentially the current lessor, the Great Lakes Water Authority (GLWA).



We understand the wet well overhead crane components are original to the building and serve to support a monorail crane used to lift materials within the wet well of the pump station. Moreover, the existing overhead crane structure is located outside the building, but it also penetrates the building's north elevation and appears to connect to the building's structural steel framing within the building envelope.

SCOPE OF SERVICES

Task 1: Occupational Health and Safety Program

Based on our understanding of the project goals, we propose the following services:

- Conduct an initial meeting with representatives from OMIDDD, Metco Services (Terry Moore - Metco), and GLWA (if requested) to discuss the proposed safety program. The purpose of these meetings is to understand the following:
 - Current operations (normal and emergency)
 - Electrical equipment (including primary feeds, secondary services, standby electrical, power transfer)
 - Mechanical equipment (including pumps, cranes, gates, ventilation, heating, and cooling)
 - New odor control management systems
 - Fire protection systems
 - Air monitoring system
 - General operation of the facility
- Compile and review the existing drawings, specifications, reports or other available data from previous and current construction.
- After collecting the above information, we will perform a safety audit of the NESPS facility. This will include a site visit to identify the various health and safety concerns associated with the NESPS facility, including the emergency generators, the VFD Drives, and the complete interior and exterior of the station including areas or systems identified in the kickoff meeting(s). We will also review OSHA/MIOSHA requirements for a First Aid Area for the NESPS.
- We have budgeted 32 hours for the above task; however, the actual time will be based on the information gathered in our meetings with the OMIDDD, Metco, and/or GLWA representatives. If additional time is required, we will notify you prior to providing any additional services. We will issue a safety audit spreadsheet/report identifying the status of the various existing safety programs as part of this task.
- We will develop general Health and Safety Manual requirements for NESPS as identified during our safety audit such as:
 - Hazard Communication Program
 - Housekeeping
 - Illumination
 - Walking/Working Surfaces



- Emergency Action Plan
 - Fire Protection and Prevention
 - Confined Space Program (Site-specific, Oakland County, Macomb County, or hybrid)
 - Confined Space Instrumentation Calibration and documentation of same
 - Confined Space Entry Checklist
 - Personal Protective Equipment (PPE)
 - Visitor Safety Guidelines
 - Site Specific Safety Orientation
 - Notice of Unsafe Conditions Reporting
 - Fall Protection
 - Near Miss Reporting Program
 - Incident Investigation
 - Accident Reporting
 - OSHA Recordkeeping
 - Site Specific Log, and Telephone Contact List, including Emergency Contact information.
 - Contractor – Site Safety Guidelines
- This task will also include developing a general awareness (not site-specific) Health and Safety Program for asbestos, lead, silica, and heavy metals (mercury, cadmium, and hexavalent chromium). Where applicable, we will attempt to include specific tasks and locations where OMIDDD work staff have potential exposures and require general protective measures to minimize personal exposure.
 - As part of this task, we will issue a draft “Health and Safety Manual” for the NESPS facility to OMIDDD, GLWA representatives, and Metco (Terry Moore) for review. Moreover, we will conduct one workshop with the OMIDDD and GLWA representatives to go over the draft safety manual. After receiving and incorporating comments from reviewers, we will prepare 5 bound copies including electronic files.
 - A compilation of Job Hazard Assessments for the use of PPE is not included in this proposal but is considered a separate task. We can provide this service at your request.

The Federal and State laws and regulations that will be used for developing the proposed safety program and procedures are summarized in the following table:

Federal/State Law Regulation	
Michigan Occupational Safety and Health Act (MIOSHA) P.A. 154 of 1974	General Industry Safety and Health Standards
	Construction Safety and Health Standards
Occupational Safety and Health Act (OSHA)	29 CFR 1910, excluding 1910.119 Process Safety



Task 2: Condition Assessment of Wet Well Overhead Crane Structure

Based on our understanding, we propose the following initial tasks:

- NTH will review available records, drawings, design criteria, specifications and other information relative to the crane's construction, details, repairs, as well as operation and structure maintenance records. We understand the original crane hoist mechanism has been removed and discarded and will be replaced by a new unit. Previous in-service inspection/testing reports for the subject structure will also be reviewed to understand the types and locations where deterioration may be occurring.
- NTH will retain a masonry contractor to remove explorative brick from the building's exterior to assess the condition of the frame and crane rail connections within the wall. We propose to conduct up to three inspection openings, one for each frame connection and one for the crane rail beam connection. If conditions appear to be relatively good within a frame connection, the second frame connection will not be completed. Upon completion of the review of the structural connections, the contractor will repair the brick wall and seal the perimeter of the steel beam.

Should we encounter significant corrosion within the wall, we will not seal the wall up until we develop repair details, clean the steel elements, and coat the structural steel within the wall with a corrosion inhibiting coating. The design for the repairs to the structural components within the wall, if any, are not included in this proposal's fee and would be considered an unanticipated or unforeseen condition.

- NTH will visually review the exposed structural steel on the exterior and perform Ultrasonic Thickness Testing (UTT) to assess the extent of section loss at locations where significant corrosion activity is present. In addition, we will measure the thickness at locations where no or less corrosion activity is observed to use as a comparison of conditions and section loss.
- NTH will also visually review bolted connections for corrosion and tightness.
- Upon completion of the field investigation, NTH will prepare a written report with the thickness measurements and photographs to document our observations. In addition, NTH will offer recommendations for conceptual repairs and/or maintenance as needed. Should we encounter any conditions that warrant immediate action (i.e. safety concerns) we would notify you as soon as possible.
- Upon completion of the cleaning and coating work (by others), we will re-visit the site to measure the paint Dry Film Thickness (DFT) to verify conformance with the project specifications and prepare a brief final field report detailing our findings.



If additional work is required due to unforeseen issues or conditions, changes in the scope of work, or other factors that may affect the charges noted above, NTH will contact your office regarding any necessary contract modifications. No additional work will be performed unless prior authorization is received by NTH from your office.

PROFESSIONAL FEES

Based on the assumptions and proposed scope of services described above, our estimated fee is \$47,787. A detailed breakdown of the anticipated man hours for each of these tasks is provided in the attached work plan.

Description of Tasks	Fees
Task 1: Occupational Health and Safety Program	\$ 33,428
Task 2: Condition Assessment of Overhead Crane Structure	\$ 14,359
<hr/>	
Total	\$ 47,787
<hr/>	

Fees for our services will continue to be charged on a cost-plus fixed fee basis in accordance with our existing Engineering Work Order No. D-402, dated March 15, 2019 with the OMID Drainage District Board.

SCHEDULE

Based on our current workload, we are prepared to immediately start work on the project once we receive your approval. At the present time, we have the staff available to complete the required investigation and efforts to ensure the investigation and a draft set of documents complete within 2 months of receiving notice to proceed.

TERMS AND CONDITIONS

Our services under this task will be in accordance with the terms and conditions of our existing contract with our 2009 contract with the OMID Drainage Board. We understand that if this proposal is acceptable to OMIDDD, that the work will be authorized in a forthcoming Engineering Work Order.



Messrs. Lockhart and Downing
May 06, 2020

We appreciate this opportunity to be of further service to the OMID Drainage Board. If you have any questions with respect to this proposal, please do not hesitate to call us.

Sincerely,

NTH Consultants, Ltd.

A handwritten signature in blue ink that reads 'Judith Wiktor McInerney'. The signature is fluid and cursive, with the first and last names being more prominent.

Judith Wiktor McInerney
Corporate Health and Safety Director

JWM/SS/lrf

Attachment

A handwritten signature in blue ink that reads 'Saju Sachidanandan'. The signature is written in a cursive style with a long, sweeping underline.

Saju Sachidanandan, P.E.
Principal Engineer

NTH Consultants, Ltd.
PROJECT FEE ESTIMATING SHEET

Client Name: OMIDDD
Project Description: NESPS H&S and Condition Assessment of Overhead Crane Support
S. Sachidanandan
Assumptions: See below

Markup on Labor:	12.0%
Markup on Subs	6.0%
Markup on Expenses	5.0%

[illegible]

Agenda Item No. 8

Engineering Work Order



Oakland-Macomb Interceptor Drain Drainage District

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

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

**SUBJECT: NTH EWO for Northeast Sewage Pumping Station Site Safety Inspection/Plan
and Crane Condition Assessment**

DATE: May 20, 2020

As part of the transition of maintenance responsibilities from the Great Lakes Water Authority to the Oakland-Macomb Interceptor Drain Drainage District, it has become apparent for the need to perform a thorough safety review of the Northeast Sewage Pumping Station to note deficiencies. A health and safety manual also needs to be developed for the site as there does not currently appear to be one in place. As NTH has already developed the spill control prevention plan, and has the capabilities to perform the required review, we have requested they submit a proposal to provide these services.

In addition, as part of the wet well crane repair, we believe it is prudent to perform a structural condition of the wet well crane frame structure prior to testing the new hoisting system to check for any deficiencies. NTH has a strong history of performing such an analysis. Therefore, we also requested they submit a proposal for these services as well.

In response, NTH drafted the attached proposal dated May 6, 2020 in which they will provide the following main services:

Task 1: Occupational Health and Safety Program

Perform the following services:

- Conduct meetings and review documents to identify specific safety concerns.
- Perform a safety audit of the NESPS facility.
- Develop general Health and Safety Manual requirements for the NESPS as identified during the safety audit and as delineated in the proposal.
- Develop a general awareness (not site-specific) Health and Safety Program for asbestos, lead, silica, and heavy metals (mercury, cadmium, and hexavalent chromium).

Task 2: Condition Assessment of Wet Well Overhead Crane Structure

- Review available records, drawings, design criteria, specifications and other information relative to the crane's construction, details, repairs, as well as operation and structure maintenance records.
- Visually review the exposed structural steel and connections on the exterior and perform Ultrasonic Thickness Testing (UTT) to assess the extent of section loss at locations where significant corrosion activity is present.
- Prepare a written report with the thickness measurements and photographs to document observations. In addition, offer recommendations for conceptual repairs and/or maintenance as needed.
- Upon completion of the cleaning and coating work (by others), re-visit the site to measure the paint Dry Film Thickness (DFT) to verify conformance with the project specifications and prepare a brief final field report detailing our findings.

Fees for the above scope of services are as follows:

Task 1: Occupational Health and Safety Program	\$ 33,428
Task 2: Condition Assessment of Overhead Crane Structure	\$ 14,359
Total	\$ 47,787

The attached Engineering Work Order has been created for the above scope of services for a not to exceed amount of \$47,787 under Contract #2603. There are sufficient funds within the NESPS Transition Project to complete the work. NTH is prepared to proceed immediately and can deliver a draft report within two months.

Requested Action: Approve the attached Engineering Work Order to increase contract #2603 by a not-to-exceed amount of \$47,787 to provide site safety and condition assessment services.

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

One Public Works Drive

Phone: (248) 858-0958

Waterford, Michigan 48328-1907

No. -**ENGINEERING WORK ORDER**FOR: NESPS Safety Review/ Crane Inspection TasksAmendment to Contract #2603 For Additional Engineering Design ServicesTO: NTH Consultants, Ltd.DATE: 5/8/20**DESCRIPTION****Section A-Engineering Services and Section C Compensation for Engineering Services, Item No. Additional Special Services and Exhibit D – Estimated Fees**

This Engineering Work Order (EWO) is required to define specific additional tasks and compensation related to the Northeast Sewage Pumping Station (NEPS) maintenance transition from the Great Lakes Water Authority to the Oakland-Macomb Interceptor Drain Drainage District that falls under the aforementioned sections of contract #2603. This EWO serves as your approval for compensation of the following additional services as delineated in your May 6, 2020 proposal.

Task 1: Occupational Health and Safety Program

Perform the following services:

- Conduct an initial meeting with representatives from OMIDDD, Metco Services (Terry Moore - Metco), and GLWA (if requested) to discuss the proposed safety program as it pertains to onsite equipment and existing safety measures.
- Compile and review the existing drawings, specifications, reports or other available data from previous and current construction.
- Perform a safety audit of the NESPS facility. This will include a site visit to identify the various health and safety concerns associated with the NESPS facility, including the emergency generators, the VFD Drives, and the complete interior and exterior of the station including areas or systems identified in the kickoff meeting(s). Review OSHA/MIOSHA requirements for a First Aid Area for the NESPS.
- Develop a general Health and Safety Manual requirements for NESPS as identified during the safety audit and as delineated in the proposal.
- Develop a general awareness (not site-specific) Health and Safety Program for asbestos, lead, silica, and heavy metals (mercury, cadmium, and hexavalent chromium). Where applicable, include specific tasks and locations where OMIDDD work staff have potential exposures and require general protective measures to minimize personal exposure.

JIM NASH**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

Page 1 of 3

10/1/13

DESCRIPTION (Continued)

- Issue a draft "Health and Safety Manual" for the NESPS facility to OMIDDD, GLWA representatives, and Metco (Terry Moore) for review. Moreover, conduct one workshop with the OMIDDD and GLWA representatives to go over the draft safety manual. After receiving and incorporating comments from reviewers, prepare 5 bound copies including electronic files.

Task 2: Condition Assessment of Wet Well Overhead Crane Structure

- Review available records, drawings, design criteria, specifications and other information relative to the crane's construction, details, repairs, as well as operation and structure maintenance records.
- Retain a masonry contractor to remove explorative brick from the building's exterior to assess the condition of the frame and crane rail connections within the wall. Conduct up to three inspection openings, one for each frame connection and one for the crane rail beam connection. If conditions appear to be relatively good within a frame connection, the second frame connection will not be completed. Upon completion of the review of the structural connections, and if found to be in good condition, the contractor will repair the brick wall and seal the perimeter of the steel beam.
- Visually review the exposed structural steel on the exterior and perform Ultrasonic Thickness Testing (UTT) to assess the extent of section loss at locations where significant corrosion activity is present. In addition, measure the thickness at locations where no or less corrosion activity is observed to use as a comparison of conditions and section loss.
- Visually review bolted connections for corrosion and tightness.
- Upon completion of the field investigation, prepare a written report with the thickness measurements and photographs to document observations. In addition, offer recommendations for conceptual repairs and/or maintenance as needed. Should any conditions be encountered that warrant immediate action (i.e. safety concerns) notify OMIDDD as soon as possible.
- Upon completion of the cleaning and coating work (by others), re-visit the site to measure the paint Dry Film Thickness (DFT) to verify conformance with the project specifications and prepare a brief final field report detailing findings.

The associated fees for the above tasks are as follows:

Task 1: Occupational Health and Safety Program	\$ 33,428
Task 2: Condition Assessment of Overhead Crane Structure	\$ 14,359
Total	\$ 47,787

DESCRIPTION (Continued)

Fees for this Engineering Work Order shall be billed on a time and material basis according to the contract standard fee and rate schedule as modified by your proposal. The total amount of the Engineering Services Agreement is to be increased by a not to exceed amount of \$47,787. This amount is not to be exceeded without written authorization from the Oakland-Macomb Interceptor Drain Drainage District (OMIDDD) Board.

PREPARED**DATE:** 5/15/20**RECOMMENDED****DATE:** 5-15-2020

By: Joel Brown, P.E.
Assistant Chief Engineer
OCWRC



By: Stephen Downing, P.E.
Construction and Maintenance Manager
MCPWO

ACCEPTED**DATE:** 5/13/2020**APPROVED****DATE:** _____
Keith Swaffar, P.E.

By: Chairman
NTH Consultants, Ltd.

Sid Lockhart, P.E.

By: Special Projects Manager
OCWRC

Approved by Drainage Board on: _____

Agenda Item No. 9

Change Orders

CHANGE ORDER NO. SIX

Oakland Macomb Interceptor Drain, Drainage Board
For Construction of the Odor/ Corrosion Control Facility Project,
Northeast Sewage Pumping Station
Located in the City of Detroit, Wayne County, Michigan

CONTRACTOR: CSM Mechanical, LLC

Authorization for:

1.) Fabrication and installation of Outdoor Storage Frame for NESPS Wet Well Isolation Bulkheads and misc. support equipment for facilities maintenance; 2.) Furnish 2 ea. 100 amp electrical circuit breakers for the Wet Well Exhaust Fans; 3.) Construct additional concrete foundations for Wet Well Exhaust Fan and duct support; 4.) Final (balancing) compensation for Confined Space Rescue Team; 5.) Fan Room Blank-Off closure panels; 6.) Fabric Duct Sock Size Increase; 7.) Stainless Steel Duct Drop Length Increase; 8.) Interior Water Service Piping Revisions; 9.) FRP Exhaust Stack Drain and Cleanouts; 10.) Furnish 4 Damper Actuators for Makeup Air Units No. 1 and 2.

Address: 7400 Hickory Valley Drive
Fenton, MI 48430

Change Order No.: 6 Date: May 14, 2020

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
6-1	<p><u>LOCATION:</u></p> <p>Northeast Sewage Pumping Station (NESPS), located in the City of Detroit, Wayne County, Michigan</p> <p><u>DESCRIPTION: (Extra/ Add):</u></p> <p>Fabricate and install a structural steel storage frame to organize and properly maintain the existing and future inventory of NESPS flow control bulkheads, large dia. "blind flange" bulkheads, and other ancillary equipment. The frame will be constructed on a temporary aggregate foundation for interim use, while awaiting final site plans for the proposed Electrical/ Mechanical Rehabilitation Project that will allow future construction of a permanent concrete base slab, if needed.</p>	LS	1 ea.	\$ 23,175.36	\$ 23,175.36	-0-

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 6

	<p><u>REASON:</u></p> <p>Current and prior OMID DD Projects involving work at the NESPS have resulted in the acquisition of a significant array of specialized flow control equipment that currently lacks adequate storage and inventory procedures. The proposed storage frame will allow for a safe, accessible, and organized assembly of this equipment, and will provide for efficient handling of this equipment when needed and upon its subsequent return. <i>(Note: It is anticipated that additional minor detail activities (i.e. stored equipment sorting, aggregate approach road, and final grading adjustments) will be required to complete the frame installation. These items will be addressed in a future Change Order.)</i></p> <p>Attachment:</p> <ul style="list-style-type: none"> CSM Mechanical Cost Summary of 5/1/2020 					
6-2	<p><u>DESCRIPTION: (Extra/ Add)</u></p> <p>Furnish material only consisting of 2 ea. 100amp 3 ph, 480v Circuit Breakers for the 40 hp Wet Well Exhaust fans.</p> <p><u>REASON:</u></p> <p>The Contract drawings imply the use of existing 100 amp circuit breakers, however it was determined that the existing units are rated at 50 amp capacity. The replacement appropriately sized breakers were considered to be necessary, and were furnished and installed by the electrical subcontractor.</p> <p>Attachment:</p> <ul style="list-style-type: none"> CSM Mechanical Cost Summary of 4/9/2020 	LS	1 ea.	\$ 18,255.30	\$ 18,255.30	-0-
6-3	<p><u>DESCRIPTION: (Extra/ Add):</u></p> <p>Furnish labor, material, and equipment to construct additional concrete foundations for the Wet Well Exhaust Fan # 2 and FRP (fiber reinforced plastic) exhaust duct structural steel supports on the east side of the NESPS Wet Well. The work includes excavation, concrete formwork, reinforcing steel installation and placement of concrete for the foundations.</p>	LS	1 ea.	\$ 11,572.81	\$ 11,572.81	-0-

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 6

	<p><u>REASON:</u></p> <p>Final shop drawing submittals required additional structural foundations to supplement the existing Wet Well top slab for support of the WVEF #2 ventilation equipment. This necessitated the addition of foundation amendments on the NESPS wet well exterior wall to accept the exhaust fan equipment loads.</p> <p>Attachments</p> <ul style="list-style-type: none"> • WCD No. 013 • CSM Cost Summary of 4/6/2020 					
6-4	<p><u>DESCRIPTION: (Extra/ Balancing Final Compensation)</u></p> <p>Provide additional (balancing) compensation for the Change Order 5, Item 5-1 Cost Allowance for the Wet Well Confined Space Rescue Team.</p> <p><u>REASON:</u></p> <p>C.O.# 5, Item 5-1 established an allowance for the Contractor to furnish a specialized Confined Space "At Height" Rescue Support team for elevated work in the NESPS Wet Well. This work has been completed and the final cost billing has been submitted. This Item (6-4) provides compensation for the final cost change in excess of the previously approved allowance value.</p> <p>Original Budget Allowance (CO 5-10: \$69,000.00 Final Total Charges w/5% G.C. MU 77,692.65 Final (Balancing) Value Add \$ 8,692.65</p> <p>Attachment:</p> <ul style="list-style-type: none"> • CSM Mechanical Cost Summary of 4/29/20 	LS	1 ea.	\$8,692.65	\$8,692.65	-0-
6-5	<p><u>DESCRIPTION: (Change/ Add)</u></p> <p>Provide aluminum "Blank-Off" (opening cover) Panels at the Dry Well Fan Rooms # 1 and 2 floor penetrations</p>	LS	1 ea.	\$3,992.73	\$ 3,992.73	-0-

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 6

	<p><u>REASON:</u></p> <p>Replacement of the duct work in Fan Rooms # 1 and 2 to new locations left floor penetration openings which required closure, but was not required in the Contract details. This item resolves this issue.</p> <p>Attachment:</p> <ul style="list-style-type: none"> CSM Cost Summary of 5/7/2020 					
6-6	<p><u>DESCRIPTION: (Change/ Add)</u></p> <p>Increase the size of the fabric duct in the Wet Well ventilation system.</p> <p><u>REASON:</u></p> <p>Final analysis of the air flow requirements determined that a size increase from the Contract required 60" to 76" was necessary to satisfy the required 1400 fpm design criteria. This revision necessitated not only a material size increase but also additional manpower effort to handle and install the larger product.</p> <p>Attachment:</p> <ul style="list-style-type: none"> CSM Cost Summary of 5/7/2020 	LS	1 ea.	\$7,741.67	\$7,741.67	-0-
6-7	<p><u>DESCRIPTION: (Change/ Add)</u></p> <p>Provide additional length to 52" Stainless Steel duct "drops" in the Wet Well ventilation system.</p> <p><u>REASON:</u></p> <p>The stainless steel duct drops installed prior to the "Square to Round" Duct Sox Connection required additional length for proper airflow. The manufacturer addressed the Duct Sox modification, and this item of extra work was performed by the HVAC subcontractor.</p> <p>Attachment:</p> <ul style="list-style-type: none"> CSM Cost Summary of 4/7/2020 	LS	1ea.	\$5,841.05	\$5,841.05	-0-

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 6

6-8	<p><u>DESCRIPTION: (Change/ Add)</u></p> <p>Furnish Labor, Materials, and Equipment to complete revisions to the 6 in. dia. water service piping and appurtenances, as described in WCD # 002, and as superseded by WCD 006. This work includes demolishing portions of the 6 in. existing water service piping and appurtenances, and the installation of a new service with concrete floor coring, 6" piping, piping supports and hangers, valves, basket strainer, reduced Pressure Zone (RPZ) backflow preventer and full by-pass "loop" with pressure gauge, including final connections and system anti-corrosion coating.</p>	LS	1 ea.	\$ 36,414.90	\$ 36,414.90	-0-
	<p><u>REASON:</u></p> <p>Field layout of the proposed water service piping required a revised route and additional pipe replacement to avoid existing electrical installations. Additional bypass piping around the proposed backflow preventer was also determined to be necessary for future maintenance. This additional task was performed in conjunction with Contract work to complete a fully updated and operable water supply system for the NESPS facility</p> <p>Attachment:</p> <ul style="list-style-type: none"> • Work Directive No. 006 • CSM Mechanical Quotation of 4/6/2020 					
6-9	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Install drain port/ cleanout fittings at the base of each of the two FRP Wet Well exhaust stacks.</p> <p><u>REASON:</u></p> <p>The activation of the exhaust stacks demonstrated the tendency for the units to collect water and other contaminants which in time would create maintenance problems. Combination drain and cleanout ports were added using FRP fittings at the base of each stack to provide for safe and convenient future access and maintenance.</p>	LS	1 ea.	\$1,011.53	\$1,011.53	-0-

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 6

6-10	<ul style="list-style-type: none"> Attachment: CSM Cost Summary of 5/8/2020 					
	<p><u>DESCRIPTION: (Change/ Extra)</u></p> <p>Furnish one lot of 4 ea. Makeup Air Unit (MAU) Damper Actuators, with Class I, Division 1 rating.</p> <p><u>REASON:</u></p> <p>Revisions to the MAU systems resulted in the need for damper actuators with a higher classification rating. The cost for this change was negotiated with the Project Owner and Contractor agreeing to compensation for a value of 50% of the supplier's invoiced amount.</p> <p>Attachment:</p> <ul style="list-style-type: none"> CSM Cost Summary of 4/24/2020 <p align="center">*****</p> <p align="center">End of Change Order No. 6</p>	LS	1 ea.	\$6,782.00	\$6,782.00	-0-

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 6

				Totals	\$123,480.00	-0-
				Net Changes: Add	\$123,480.00	
				No Contract Time Adjustments	-0-	

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 6

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

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

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

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

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

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

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: _____ Date _____
Title
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. 6 was approved by the Drainage Board on: _____ Date: _____

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 6

OMID Odor/ Corrosion Control Facility
Northeast Sewage Pumping Station
May 11, 2020

Attachment No. 1 to Change Order No. Six

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

Contract Status Summary
Change Order No. Six
OMID Odor/ Corrosion Control Facility, NESPS

Contractor: CSM Mechanical, LLC

Project Award Date	July 3, 2019
Notice to Proceed Date	Aug. 1, 2019
Contract Substantial Completion (SC) Date (<i>Adjusted</i>)	June 28, 2020
Contract Final Completion Date (<i>Adjusted</i>)	August 25, 2020
Original Contract Value	\$ 3,783,390.00
Previous Change Order Values (C.O. # 1, 2, 3,4 and # 5)	\$ 238,002.07
Change Order Value, Proposed Change Order # 6	\$ 123,480.00
<i>Adjusted Contract Value (Incl. C.O. # 1,2,3,4,5, & 6)</i>	\$ 4,144,872.07

CHANGE ORDER NO. 2

Oakland-Macomb Interceptor Drain Drainage District Board
 For Construction of the NESPS Mechanical and Electrical Upgrades Project (Contract #5977)
 Located in Wayne County, MI

CONTRACTOR: Walsh Construction Company II, LLC
 Address: 3031 West Grand Blvd. Ste. 640
 Detroit, MI 48202

Authorization for Changes In and Extras to Contract

Change Order No: 2 Date: 5/8/2020

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<u>LOCATION:</u>					
A	NESPS (Preconstruction Services-Ref Attached Letter dated 5/7/20)					
	<u>DESCRIPTION:</u>					
	(Change/Add):					
A	City of Detroit Permit Fee Allowance	LS	1	\$120,000.00	\$120,000.00	
B	Additional preconstruction fees allowance for continued NESPS preconstruction services and new NI-EA CS-9 preconstruction/procurement services through August 2020 for a not to exceed amount of \$400,000.	LS	1	\$400,000.00	\$400,000.00	-
C	NI-EA CS-9 equipment procurement services	LS	1	\$1,100,000.00	\$1,100,000.00	
	<u>REASON:</u>					
A	While progressing through the design phase, Walsh has been in contact with the City of Detroit to facilitate a building permit for the construction of the project. The permit needs to be obtained during the preconstruction phase to provide enough review time for the City for the permit to be issued prior to expected construction in August 2020. The allowance is expected to cover the costs of the permit fees.					
B	At the time of the signing of the CMAR contract on December 16, 2019, the anticipated project design phase was expected to conclude on or about May 31, 2020, with 90% design documents completed. At this juncture, OMIDDD and Walsh were to negotiate a Guaranteed Maximum Price (GMP) for the entirety of the work, effectively ending the preconstruction services phase for Walsh. Since the signing of the contract, Design team has faced some challenges and complications associated with the material procurement bidding process that were not originally anticipated at the signing of the CMAR contract. The 90% design is expected to be completed and the GMP negotiated by August 2020. This not-to-exceed allowance allows for Walsh to provide continued preconstruction services support during this time. In addition, it has become apparent to the North Interceptor-East Arm (NI-EA) design team that there are long lead times associated with the CS-9 Gate Addition project, including but not necessarily limited to, the gate and actuating system. As the CS-9 gate needs to be operational by May 2021, and Walsh has provided value and efficiency in the procurement of the NESPS equipment, the NI-EA design team has found it prudent that Walsh facilitate the CS-9 gate and actuator procurement as well. Walsh's labor effort associated with this work is to be included in this allowance.					

Change Order

CONTRACTOR: Walsh Construction Company II, LLC

Address: 3031 West Grand Blvd. Ste. 640

Detroit, MI 48202

Authorization for Changes In and Extras to Contract

Change Order No: 2


Date: 5/8/2020

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
C	As indicated in Article B above, the NI-EA design team believes it is prudent for Walsh to facilitate the CS-9 gate and actuator procurement. The NI-EA design team has estimated the costs of these items and associated components to be approximately \$1,100,000. This allowance is for the actual material procurement costs for the gate, actuator and associated components only.					
				Item A Total	\$1,620,000.00	\$0.00
				Total	\$1,620,000.00	

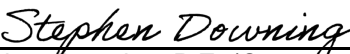
Change Order

CHANGE ORDER NO. 2

Oakland-Macomb Interceptor Drain Drainage District Board
For Construction of the NESPS Mechanical and Electrical Upgrades Project (Contract #5977)

Prepared by:  Date: 5/15/20
WRC: Joel Brown, P.E., Assistant Chief Engineer

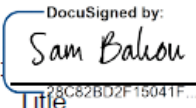
Recommended by: _____ Date: _____
Applied Science John Michalski, P.E., Vice President

Approved by:  Date: 5/15/2020
MCPWO Manager: Stephen Downing, P.E. (Construction & Maintenance Manager)

Approved by: _____ Date: _____
WRC Manager: Sid Lockhart, P.E. (Special Projects Manager)

Approved by: _____ Date: _____
WRC Manager – Steven Korth, P.E.

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

Accepted by:  Date: May-13-2020 | 2:29 PM PDT
78C82BD2F15041F...

of: Walsh Construcion II, LLC

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

This Change Order No. 2 was approved by the Drainage Board on: _____ Date: _____

Agenda Item No. 10

Construction Estimate

OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD
For Construction of the Odor / Corrosion Control System- Northeast Sewage Pumping Station
Located in the City of Detroit, Wayne County, Michigan
Project ID 100000002708

Regular Construction Estimate No. Nine

April 01, 2020 through April 30, 2020

Department No.:	6010101	Account No.:	731472
Fund No.:	84915	Program No.:	149015
Project No.:	295117	Activity:	FAC

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

Contract No. # 5777

Date of Contract: July 3, 2019
Final Completion Date: September 27, 2020
Extended to: N/A

Original Contract Amount:		\$3,783,390.00
Previous Change Orders:	CO# 1, 2, 3, and 4	\$169,002.07
Change Orders This Estimate:	C.O. # 5	\$69,000.00
Total Net Change Orders:		\$238,002.07
Adjusted Contract Amount:		\$4,021,392.07
Sub-Total To Date:		\$3,622,469.21
Less Deductions:		None
Gross Estimate: (Work In Place)	90.08 % Complete	\$3,622,469.21
Less Amount Reserved : Lump Sum	(10% of 50% of Contract)	\$201,069.60
Total Amount Allowed To Date:		\$3,421,399.61
Less Previous Estimates:		\$2,598,249.07
Net Payment Request To Be Paid To Contractor:		\$823,150.54
Reserve Payment to Contractor		\$0.00
Balance to finish: \$ 398,922.86	Accounting Auditor: <i>JLB</i>	
Amount To Be Reserved (From Above)		\$201,069.60
Less Previous Transfers To Reserve:		\$196,913.14
Amount of Current Transfer:		\$4,156.46

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

Date: *5-5-2020*

FOR Recommended by: *Jason Matteo*
Jason Matteo, P.E.; Jacobs

Date: *5/7/2020*

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

Date: *5/11/20*

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

Date: *5/13/2020*

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

Date: _____

Regular Construction Estimate No. Nine

Approved By Board On: _____

Agenda Item No. 11

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

Oakland Macomb Interceptor Drain (OMID) Repairs

Project Progress Update

Prepared by:

F. Klingler, P.E., N. Kacynski, 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.

May 20, 2020 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (May 11, 2020) 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 – Ongoing:

Engineering Consultant: Jacobs Engineering

Project Budget Summary (including EWO No. 2):

- | | |
|--|--------------|
| • Adjusted Project Budget (including Fan Testing Allowance of \$60,000): | \$531,447.00 |
| • Total Spent (through April 2020): | \$402,356.09 |
| • Remaining Budget (through April 2020): | \$129,090.91 |

Milestone Schedule Summary:

- Submitted draft report including previously prepared tech memos, detailed WATS state-of-the-art sewer process modeling results, conceptual layouts, opinions of costs, and recommendations was delivered in January 2020; final report pending approval of additional approved work items; see below.

Status of Major Project Tasks:

- Continued to advance conceptual design of vapor-phase and liquid-phase odor/corrosion control alternatives.
- At the approval of both counties, continued our evaluations for a range of operating conditions and sewer rehab scenarios.
- Presented to the OMIDDD Board on April 15, 2020 the additional requested scope items for an amendment to the existing contract via EWO No. 2.
- Received and reviewed draft flow control and management plan and began updating WATS state-of-the-art sewer process model to reflect future lining and flow control operating conditions.
- Commenced with investigations upstream of metering facilities/drop connections for assessment of potential for liquid-phase treatment at some locations.
- Conducted internal video conference to monitor progress, schedule and budget for additional evaluations.

May 20, 2020 OMIDDD Board Meeting

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).

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

East side Tnemec repairs are complete; west side repairs remain delayed as a result of Pump 1 damage incurred in January 2020 during testing. The pump has been and transported for offsite repair. Current projections indicate that the repair will be completed by the end of May, with installation and testing to be tentatively completed in June. Tnemec Repairs are currently on hold pending repair of Pump No. 1. Segment 2, Contract 3 (Base Contract and Emergency Gatehouse Repairs) remains open.

SRF Segment 3 Status:

Contract 4: Complete

SRF Segment 4 Status:

Contract 5A/5B – Complete, Administrative Closeout Pending:

Construction Amount Invoiced (C5A/B): \$11,865,520.08 corresponding to 100% of the revised final contract amount, through 6/30/17.

Schedule Status: Completed 12/31/16, on time, based on revised completion, as established by Change Order.

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

Contract 6 – Complete

Contract 7 (NIEA Emergency Rehab) – Complete

May 20, 2020 OMIDDD Board Meeting

NESPS Odor/Corrosion Mitigation System (No Contract Number)

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

Prime Construction Contractor: CSM Mechanical, LLC

Project Budget Summary:

• BioAir Solutions, LLC for Bio-Trickling Filter (BTF) Fabrication:	\$816,570.00
• CSM Mechanical, LLC (Original Contract Value):	\$3,938,262.78
• CSM Mechanical, LLC (CO No. 1 through CO No. 5):	\$4,021,392.07
• CSM Total Earned, Less Retainage, thru 4/2020 (Proposed Pay App No. 9):	\$3,622,469.21
• CSM Balance to Finish, Including Retainage:	\$823,150.54
• Jacobs Budget (Design and CA/RPR, per EWO #3):	\$1,272,470.46
• Remaining Jacobs Budget (through April 2020):	\$312,088.86

Milestone Schedule Summary:

- Notice-to-Proceed letter to CSM dated August 1, 2019.
- Installation of the Bio Trickling Filter (BTF) at NESPS: Substantial Completion, per Contract, was February 6, 2020. The Substantial Completion extended by Change Order to April 18, 2020. Project Final completion moved up by one month, to September 27, 2020 (per C.O. No. 5)
- BTF Acclimation, Start-up and Testing: ongoing in Spring/Early Summer 2020.
- HVAC Improvements Substantial Completion: June 28, 2020 (Per C.O. No. 5)

Status of Major Project Tasks:

- Bi-Weekly Construction Progress Meetings continue in a virtual format.
- BioAir Solutions, Inc. has fabricated and delivered all the major bio-trickling filter (BTF) components. The installation of odor control fans, Odorous Air ducting, and related components have been completed. The biotrickling filter startup and commissioning process began on April 21, 2020 and remains ongoing. Pre-commissioning, dry commissioning, and wet commissioning has been completed and the system is currently in startup operating mode for a period of 4-6 weeks to allow for acclimation. Currently with the exception of minor start-up adjustments, the Biotrickling system is operating satisfactorily in the start-up mode.
- CSM has completed concrete driveway demolition, excavation for BTF foundation and final concrete pours for the bio-trickling main foundation pad and associated duct supports. CSM has completed the odorous air duct support foundations and light pole bases, and structural steel support columns have been installed. Additional foundation work for the wet well Make-Up Air Unit # 2 has been completed and the unit has been placed into its final location.
- Additional electrical installation activities are ongoing inside the station to provide power and controls wiring to various components of the new HVAC system. Conduit and wiring installation activities are complete for the bio-trickling filter components, and electricians are focused on HVAC conduit and wiring. Installation of heat tracing components for outdoor water and drain piping still remain and will be completed in late May, 2020.
- Wet well demolition activities are now complete, and scaffolding has been dismantled and removed after final installation of the east side fabric duct. Both wet well exhaust fans and associated FRP exhaust duct work have been placed above the wet well roof but are not yet operational.

May 20, 2020 OMIDDD Board Meeting



Installation of the FRP above ground duct sections leading to the BTF vessel; process water and drain piping including temporary startup system.

- All rectangular industrial aluminum duct work has been replaced on the east side of the station and dry well supply fan #2 has been installed. Plenum room construction in both fan rooms is complete. Activities to provide power and controls to HVAC components in fan room #2 is ongoing. HVAC control system components including the master control panel, gas detection panel, and associated strobes, beacons, instruments, and devices have arrived on site and are in various stages of installation. Following completion of power and controls wiring and conduits, these components will be installed and integrated into one fully functioning HVAC control package system.
- Work continues on preliminary rough grading for the site roadway pavement; final aggregate base and concrete paving work will be tentatively deleted from the Odor/Corrosion Control project and added to the upcoming Pump and Electrical Rehabilitation project. Final site grading is scheduled to commence on May 18, 2020 and site trailer demobilization will follow soon thereafter.

May 20, 2020 OMIDDD Board Meeting



Wet well makeup air unit and exhaust fan; Installation of fabric duct on the east side of the wet well.



New 6-inch domestic water piping and insulation; DWSD supplied water meter.

May 20, 2020 OMIDDD Board Meeting

Summary of OMID Construction Contract Status:

Seg. No	Contract No. (Description)	Const. Comp?	As-Built Final?	Balancing Change Order?	Contractor Closed Out?	Easements Settled?
1	Contract 1 (CS-9, 5, 3)	Y	Y	Y	Y	Y
1	Contract 2 (CS-6, 7, 8)	Y	Y	Y	Y	Y
2	Contract 3 (Gatehouse)	Y	Y	Y*	N*	N/A
2	Contract 3 (Grouting PCI-5 thru 8)	Y	Y	Y	N*	Y
3	Contract 4 (Lining PCI-5 thru 8)	Y	Y	Y	Y	Y
4	Contract 5 (Lining PCI-9, 10A/B)	Y	Y	Y	Y	N
4	Contract 6 (Lining PCI-11A)	Y	Y	Y	Y	Y
N/A	Contract 7 (Lining 110' of NIEA)	Y	Y	Y	Y	N/A
N/A	Odor/Corrosion Control System	N	N	N	N	N/A

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

Transfer of NESPS & NIEA Maintenance & Repairs Status:

Amt Invoiced: \$140,904 thru March out of current \$353,000 ASI engineering budget; Does not include Metco budget for ongoing maintenance.

Schedule Status: Transfer Complete; follow-on tasks ongoing

Emergency Contingency Plan is being developed for pumping operations in the event of total power loss at NESPS or other catastrophic failure in the system:

- Drawings for modifications to accommodate upstream emergency pumping have been issued for procurement of contractors; start of work is pending.
- Plan to energize OMID Pump 4 in event of total power loss is complete; Motor City is finalizing a quote to perform the work.
- Advanced emergency plan document to include pumping details and traffic control from pump out locations. Final document will incorporate use of media and community communication in the event of emergency.

Additional work being performed under Metco Maintenance Contract for NESPS:

- Mechanical and Electrical corrective/preventative maintenance schedules continue to proceed without problem. Shutdown coordination with GLWA Operations for such tasks is working well.
- Monthly Maintenance Contractor meeting held. General maintenance topics discussed.
- Working with GLWA Systems Control on a more balanced approach to Sanitary Pump run time.
- GLWA decommissioned ATT phone line to station. Impacts elevator emergency phone. Working to resolve related safety concern with OMID/GLWA.

May 20, 2020 OMIDDD Board Meeting

Overall Station Performance Report:

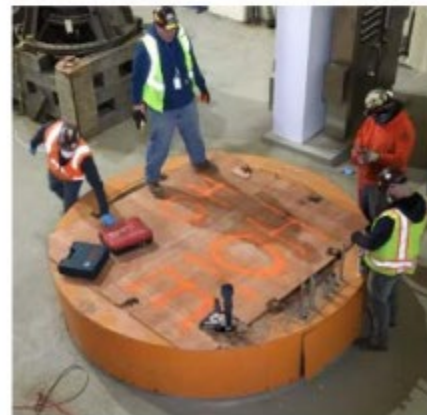
- Sanitary Pumps #2, #4, #5 and #6 ready for duty. (500 CFS Capacity)
- Wet well Dewatering Pump out of regular service due to thrust bearing failure.
- Wet well isolation knife gates are unable to provide a positive isolation between the Wet/Dry well. Leakage from the (2) knife gates interfere with the Dewatering Pump removal process. Plans are underway to replace both with a slightly different seat arrangement. Costs and gate specifications are under review. There is a four to five-week lead time on knife gate delivery. During this time a plan will be developed to allow safe and efficient removal and replacement.
- Sanitary Pump #1 - On March 31st, the Pump was removed from the pump station and transported for off-site repair. Inspections found damage to motor Stator and Rotor. A complete rewind of Stator is in progress and repair materials ordered to repair Rotor per repair shop. Electrical contractor (York) suggests the possibility of end of May repair completion.
- Minor maintenance performed on Sanitary Pump 2 lip seal adjustments. (Work performed by Kennedy)
- Contaminated oil was drained and replenished in Sanitary Pump No. 5 (lower pump bearing) Maintenance technician found babbitt bearing residue in oil sample. Sign of bearing wear. Will continue to monitor. (Work performed by Kennedy)
- Oil added to Sanitary 6 lower pump bearing. (Work performed by Kennedy)
- Sanitary Pump No. 4 VFD Control Shelter had its HVAC Filter change out completed. (Work performed by Dunbar)
- Sanitary Pump No. 2 VFD Control Shelter has its HVAC Filter change out scheduled. (Dunbar)
- 25 Ton Crane annual preventative maintenance completed. Minor repair to brake wires. Drive component (Encoder) installed due to frequent sporadic faults involving hoist movements. Pendant adjustment made. (Work performed by KoneCrane)
- 4 Ton outdoor Wet Well crane: Existing motor and hoist trolley removed and discarded by contractor (Work performed by KoneCrane). Preparations for new install are underway.
- Stand-by Generator Diesel Tanks/Fuel line refurbishment to begin this month, but currently on delay. No immediate concerns.
- COVID19 restrictions have impacted regularity of grounds maintenance with our contractor PGA. Overall General Housekeeping tasks related to Covid protocols in order. Toiletries such as, soap, paper towel, toilet paper, inventories are in good shape. Handwashing signs posted.

May 20, 2020 OMIDDD Board Meeting



Oil was drained by GLWA and taken off site.

Hole was covered with wood and bolted down.



Removal of Pump No. 1 for repair.

OMID Control Structure Upgrades Status:

Amt Invoiced:

\$37,835 to date; Total design and construction budget currently established as \$500,000 (including contingencies and admin/legal).

Schedule Status:

Engineering/Design efforts complete; CSM approved by OMIDDD Board on 11/20/19. Kickoff Meeting held 1/8/2020

May 20, 2020 OMIDDD Board Meeting

- MCE has drafted Programmable Logic Controller (PLC) changes for gate operation; ASI testing to be completed once access and position indicators are repaired.
- MCE provided report for Communication Upgrades at CS-5, 6, and 8; to be incorporated into the upgrades work.
- Level sensor upgrades (design/installation) are to be completed once access is completed.
- With respect to CS-5, the control structure remains out of service. Both gates are opened 100%. Hatch modification work began May 5th and stands at 90% complete. Concrete riser has been installed, waiting on hatch cover from East Jordan. Site conditions have been restored. HESCO improvements, inspections, repairs, and MCET gate release curve programming, are subject to delay at this time.
- With respect to CS-6, Hatch modification work began on Monday 5/11. Work at CS-6 is scheduled to be completed by 5/15. HESCO improvements, inspections subject to delay at this time. Gate operations and feedback from sensing devices are good. Submersible Pumps and VFD Motor controls were regularly cycled with no problems to report. VFD shelter in good housekeeping condition, locked and secured.
- With respect to CS-7, CSM is working to obtain a permit from the City of Sterling Heights for traffic control during installation. Gate operations and feedback from sensing devices are good.
- Hesco reports that CS-8 is functional but in various stages of deterioration per HESCO condition assessment. Most components are at end of life status. Critical spare parts and long lead items are a subject of attention. HESCO has developed an inventory list.
- The **draft** line item schedule and budget are summarized:

Work Item/ Milestone		Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractors)	Estimated Delivery Date
1	Draft PLC Mods by Metco, MCE, ASI			5/8/2019
2	Field Investigations (roof measurements, etc.)		TBD	5/30/2019
3	CS level sensors design (Metco)		TBD	7/29/2019
4	Comm. System Improvements (Metco)		TBD	8/31/2019
3	Test and implement			4/1/2020
4	50% Design Package			6/20/2019
5	95%, 100% Design Package			9/9/2019
6	Receive Bid(s) for cover mods			11/10/2019
7	Contract Award and NTP for cover mods			12/10/2019
8	Subtotal – Design	\$9,000 (ASI)		
9	PCI-5 Gate Repairs and final install of level sensors	TBD	TBD	3/31/2020
10	Substantial Completion of Construction			5/29/2020
11	Final Testing and Approval of PLC Mods	TBD	TBD	6/12/2020
12	Final Completion of Construction	\$11,000 (ASI)	\$300,000 (est.)	6/12/2020

May 20, 2020 OMIDDD Board Meeting

OMID System Immediate Repairs Status:

Amt Invoiced: \$41,067 out of original total design budget of \$21,418; Total design and construction budget currently is established as \$1,352,801 (including contingencies and admin/legal).

Schedule Status: Second round of bids were received on 11/6/19; awarded 11/20/19.

- Doestch Environmental was awarded the contract at the November Board Meeting.
- Field work to begin late May, pending work crew availability.
- The current **draft** line item schedule and budget for the OMID System Immediate Repair Project are summarized below:

Work Item/ Milestone		Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
1	Field Investigations (Conducted under Warranty Repairs budget)	Part of AMP Project		10/01/2018
2	50% Design Package			4/16/2019
3	95%, 100% Design Package			5/20/2019
4	Issued for Bid/Pricing			7/17/2019
5	Bid Opening (Original)			8/07/2019
6	Revised 100% Design Package			9/20/19
7	Issued for Bid/Pricing			10/8/19
8	Bid Opening (Revised)			11/6/19
6	Contract Award and NTP			1/1/20
	Subtotal - Design	\$21,418		
7	Final Completion of Construction	\$66,122	\$1,352,801	6/5/20 (initial; actual TBD)

NIEA Repairs (Study and Design/Construction)

Amt Invoiced: \$1,189,798 out of currently projected study/design budget of \$2,331,800; Total design and construction budget currently is \$44,100,000 (including contingencies and admin/legal).

Schedule Status: Field investigations/Engineering/Design efforts are completed for PCI-4 Rehabilitation; additional field work and investigations are underway for PCI-18 & 19 rehabilitation project. Liner study is 100 percent complete; PCI-4 design 100% percent complete; PCI-18 & 19 design approximately 60% complete.

- Liner data collection and presentation tasks have been completed. A few linings are short-listed for further consideration in the RFTS as well as basis of design for repair of the deteriorated sections of the NI-EA. RFTS report under final review. The final RFTS report was issued in April 2020.

May 20, 2020 OMIDDD Board Meeting

- A workshop was held with GLWA representatives to discuss the Basis of Design in March 2020. More coordination meetings and discussions are coming in the near future regarding cost sharing of rehabilitation of common to all portions of the NI-EA and new control structures, easement agreement to use NESPS site for contractor laydown during PCI-4 rehabilitation, and other miscellaneous design coordination efforts. GLWA is supportive of the general approach.
- The aerial survey of the interceptor alignment is complete, although additional surveys at proposed shaft locations are ongoing, in consideration of recently discovered utility conflicts.
- Currently working to finalize the Basis of Design report by end of May 2020.
- Submitted 100% design drawings and specifications on 4/28/2020. A 100% design workshop is scheduled for 5/14/2020.
- Geotechnical, environmental, and MASW reports completed and issued with 100% design docs.
- Conducted a condition assessment and further utility investigation of the 7-mile relief sewer and 12 ft. sewer near PCI-4 shaft. Evaluation report will be issued by mid-May 2020.
- Hydraulic model has been updated to evaluate flow control in PCI-4. A final memorandum was issued with the 100% design documents.
- Permit coordination with municipal agencies are ongoing – City of Detroit, Wayne County, GLWA, EGLE, and MDOT.
- Prepared cost estimation for various liner options and an engineer's estimate of construction cost as well as a draft construction schedule.
- Design is progressing towards next submittal – PCI-4 Issued for bid documents and 90% design for PCI-18/19 rehabilitation project.
- Due to utility and GLWA coordination issues, the design has been split into two contracts, with the first to be for PCI-4 repairs and to continue under the current schedule, and the second to be for PCI-18/19 and to be delayed several months.

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

Work Item/ Milestone		Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
1	Lining Study Evaluations & Draft Report			6/15/2019
2	Lining Study Final Report			10/30/2019
	Subtotal - Study	\$126,744		
3	Field Investigations (MASW, SUE, Survey, Geotech, Env. Inv)			10/30/19
4	Basis of Design Draft			9/30/2019
5	50% Design Package			8/30/2019
6	90%, 100% Design Package			3/20/2020 and 4/28/2020
7	MDEQ Submittal (Part 41)			4/28/2020
8	Issued for Bid (PCI-4; PCI-18/18 TBD)			5/28/2020
9	Bid Opening (PCI-4; PCI-18/18 TBD)			7/10/2020
10	Contract Award and NTP (PCI-4; PCI-18/18 TBD)			11/12/2020 and 11/23/2020
	Subtotal - Design	\$2,205,063		
11	Final Completion of Construction	\$3,500,000	\$35,000,000	11/23/2022

May 20, 2020 OMIDDD Board Meeting

NESPS Electrical and Mechanical Rehab

Budget Status:	\$939,498 out of current design budget of \$1,341,245; Total design and construction budget currently established as \$39,300,000 (including contingencies and admin/legal).
Schedule Status:	Engineering/Design efforts underway; approximately 60% complete; Pre-procurement packages being developed.

The design team is working on the 90% total design package for review with the CMAR. With this effort, the following work is active:



NESPS Pump No. 5

- Pump and Motor size confirmation complete and review of approved manufacturer pump selections continues. Additional data requested from pump vendors on motor type and sizing was reviewed. Schedule and specification details have been vetted with manufacturers.
- Design and CMAR Team continues to review equipment with suppliers.
- Design and CMAR Team met to review the major equipment package developed for pre-procurement: These packages are: Pump and Motor, Major Electrical (Switchgear), and Knife Gate Valve. Each of these packages were advertised in April 2020.
- A complete review set of the drawings and specification was submitted for internal review on 4/17/20.
- Electrical gear design for new electrical building is ongoing.
- Architectural detailing of building is ongoing.
- HVAC and plumbing designs are ongoing.
- Site layout and improvements design, including updated security requirements, ongoing.
- Site plan and foundation package was developed for site plan review and permitting. Walsh submitted to the City of Detroit for review.
- A review of alternative energy saving methods remains ongoing.
- Specifications for 90% design are in progress.

May 20, 2020 OMIDDD Board Meeting

- The Design team and Walsh are working together to develop a sequence of construction, schedule, and design package arrangement. The schedule will be driven from this sequence being developed.
- Received GLWA acceptance of the Basis of Design summary to be used for the Part 41 permit.
- Submitted the Part 41 permit application. Application included a Part 41 Supplemental package for review and authorization by EGLE.
- Conducted further site visits to inspect the existing conditions of the equipment to assess replacement needs.
- Conducted a new survey within the existing station to verify on-going elevation and Datum issues.
- Conducted environmental and hazardous material testing on site. Developed report for design team review.
- Walsh team working on an updated construction schedule.
- The **draft** line item schedule and budget are summarized:

Work Item/ Milestone	Estimated Budget	Estimated Budget	Estimated Delivery Date
1 Draft Basis of Design			5/3/2019
2 Final Basis of Design			5/31/2019
3 30% Design			8/27/2019
CMAR RFP			10/16/2019
4 60% Design			12/19/2019
CMAR Recommendation			11/20/2019
5a 90% Equipment Package Advertised			6/15/2020
Suction Gate Rehab			5/15/2020
Site Plan/Foundation			5/15/2020 (est)
Pumping Units			5/20/2020
Major Electrical			5/20/2020
7 MDEQ Submittal (Part 41 Permit)			4/8/2020 (initial pkg)
8 Issued for Bid – Final			7/15/2020
9 Notice to Proceed			7/15/2020
Subtotal - Design	\$1,519,275 (including		
10 Substantial Completion	\$2,500,000 (est.)	\$32,000,000 (est.)	3/1/2022
11 Final Completion	\$500,000 (est.)	\$5,000,000 (est.)	12/1/2022

Agenda Item No. 12

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

YTD Trial Balance**Fund: 84912 Oakland Macomb InterceptorSeg1****As of Fiscal Period: Month 8, 2020**

Run By: WRC_REPORTING

Run: 05/13/2020 at 01:17 PM

Scope: 84912 Oakland Macomb InterceptorSeg1

ACCOUNT		YTD Balance Total Fund	OMID Odor-Corrosion Study Seg1 100000002892	YTD Balance
100100	Cash - Operating	9,845.69	9,845.69	9,845.69
104100	Accrued Interest on Investment	601.75	601.75	601.75
	Revenues	(1,351.36)	(1,351.36)	(1,351.36)
	Expenditures	96,939.60	96,939.60	96,939.60
	Special Items- Uses	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(106,035.68)	(106,035.68)	(106,035.68)
		0.00	0.00	0.00

SRF final draw received September 2013

Cash as of 05/13/2020 \$ 9,845.69

Invoices / Reimbursements on Current Agenda Impacting Cash Balance (9,845.69)

Total Net Cash Balance \$ -

Water Resources Commissioner
PROJECT WORK IN PROGRESS
OMID Odor-Corrosion Study Seg1
100000002892
 (as of May 13, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
---------------	------------------------	-----------------------	--------------

STD - Standard Operation

730639 - Engineering Services-Other	0.00	380,721.58	
Standard Operation TOTALS			
383,789.00	0.00	380,721.58	\$3,067.42

Project 100000002892 - OMID Odor-Corrosion Study Seg1			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$383,789.00	\$0.00	\$380,721.58	\$3,067.42
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
655077-Accrued Interest Adjustments	(\$3.18)	\$601.75	
655385-Income from Investments	\$11.95	\$6,778.27	
695500-Transfers In	\$0.00	\$266,792.12	
697551-Issuance of Bonds	\$0.00	\$116,996.88	
TOTAL REVENUE	\$8.77	\$391,169.02	
REVENUE OVER/(UNDER) EXPENSES		\$10,447.44	

YTD Trial Balance

Fund: 84914 Oakland Macomb InterceptorSeg3

As of Fiscal Period: Month 8, 2020

Run By: WRC_REPORTING

Run: 05/13/2020 at 01:18 PM

Scope: 84914 Oakland Macomb InterceptorSeg3

ACCOUNT		YTD Balance Total Fund	Oakland Macomb InterceptorSeg3 100000001557	YTD Balance
100100	Cash - Operating	24,186.50	24,186.50	24,186.50
104100	Accrued Interest on Investment	(381.63)	(381.63)	(381.63)
143100	Prepaid Expenses	891.00	891.00	891.00
211100	Due to Primary Government	(25.79)	(25.79)	(25.79)
	Revenues	(362.10)	(362.10)	(362.10)
	Expenditures	1,840.68	1,840.68	1,840.68
	Special Items- Uses	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(26,148.66)	(26,148.66)	(26,148.66)
		(0.00)	(0.00)	(0.00)

Cash as of 05/13/2020 \$ 24,186.50

Invoices / Reimbursements on Current Cash Balance 0.00

Total Net Cash Balance \$ 24,186.50

Water Resources Commissioner

PROJECT WORK IN PROGRESS

Oakland Macomb InterceptorSeg3

10000001557

(as of May 13, 2020)

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

730772 - Freight and Express	0.00	237.38	
730926 - Indirect Costs	0.00	87,973.15	
730940 - Insurance	0.00	374,816.24	
731521 - Public Services	0.00	72,238.27	
732018 - Travel and Conference	0.00	160.44	
771638 - Drain Equip Labor	0.00	216,953.03	
771639 - Drain Equipment	0.00	19,268.57	

Administration TOTALS

460,138.00	0.00	771,647.08	(\$311,509.08)
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CONT - Contingency

Contingency TOTALS

4,581,277.00	0.00	0.00	\$4,581,277.00
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ENG - Engineering

702000 - Salaries	0.00	37.74	
722000 - Fringe Benefits	0.00	-25.90	
730772 - Freight and Express	0.00	85.13	
731346 - Personal Mileage	0.00	528.54	
731521 - Public Services	0.00	41,759.18	
732018 - Travel and Conference	0.00	5,546.06	
750140 - Employee Footwear	0.00	75.00	
771638 - Drain Equip Labor	0.00	617,812.58	
771639 - Drain Equipment	0.00	62,279.57	

Engineering TOTALS

1,063,145.00	0.00	728,097.90	\$335,047.10
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ENGCON - Engineering Consultant

730639 - Engineering Services-Other	0.00	12,856,549.06	
730940 - Insurance	0.00	2,435.63	
731458 - Professional Services	0.00	62,241.27	

Engineering Consultant TOTALS

12,471,892.00	0.00	12,921,225.96	(\$449,333.96)
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FAC - Facility Acquisition

731472 - Project Construction and Impr	0.00	50,234,735.34	
731521 - Public Services	0.00	2,240.68	

Facility Acquisition TOTALS

45,738,545.00	0.00	50,236,976.02	(\$4,498,431.02)
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FRINGE_BENEFITS - Fringe Benefits

722000 - Fringe Benefits	0.00	25.90	
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Fringe Benefits TOTALS

0.00	0.00	25.90	(\$25.90)
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INS - Inspection

731521 - Public Services	0.00	37,329.11	
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Inspection TOTALS

330,221.00	0.00	37,329.11	\$292,891.89
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LEGAL - Legal and Financial

Water Resources Commissioner
PROJECT WORK IN PROGRESS
Oakland Macomb InterceptorSeg3
100000001557
 (as of May 13, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
730639 - Engineering Services-Other	0.00	209,748.13	
730772 - Freight and Express	0.00	127.71	
730940 - Insurance	0.00	2,894,717.09	
731073 - Legal Services	0.00	449,564.79	
731451 - Prof Svc-Financial Consultant	0.00	62,305.00	
Legal and Financial TOTALS			
3,737,066.00	0.00	3,616,462.72	\$120,603.28

ROW - Right of Way

731038 - Land and Easement	0.00	226,383.45	
731661 - RW Negotiation and Expense	0.00	1,750.00	
Right of Way TOTALS			
11,440.00	0.00	228,133.45	(\$216,693.45)

Project 100000001557 - Oakland Macomb InterceptorSeg3			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$68,393,724.00	\$0.00	\$68,539,898.14	(\$146,174.14)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$3,253,724.00	
631827-Reimb General	\$0.00	\$43,882.94	
655077-Accrued Interest Adjustments	(\$13.53)	(\$381.63)	
655385-Income from Investments	\$50.87	\$127,342.91	
697753-State Revolving Fund Loans	\$0.00	\$65,140,000.00	
TOTAL REVENUE	\$37.34	\$68,564,568.22	
REVENUE OVER/(UNDER) EXPENSES		\$24,670.08	

YTD Trial Balance
Fund: 84915 Oakland Macomb InterceptorSeg4
As of Fiscal Period: Month 8, 2020

Run By: WRC_REPORTING
Run: 05/13/2020 at 01:18 PM
Scope: 84915 Oakland Macomb InterceptorSeg4

ACCOUNT		YTD Balance Total Fund	Oakland Macomb InterceptorSeg4 100000001913	NESPS Pump Install Seg4 100000002041	OMI NESPS GATEHOUSE SEG4 100000002232	NESPS Odor Corrosion Stdy Seg4 100000002708	YTD Balance
100100	Cash - Operating	2,129,962.89	1,875,651.96	7,978.67	34,879.10	211,453.16	2,129,962.89
104100	Accrued Interest on Investment	41,455.32	41,455.32	0.00	0.00	0.00	41,455.32
211100	Due to Primary Government	(18,184.39)	(12,400.01)	0.00	0.00	(5,784.38)	(18,184.39)
	Revenues	(68,895.18)	1,949,854.82	0.00	0.00	(2,018,750.00)	(68,895.18)
697551	Issuance of Bonds	0.00	2,231,250.00	0.00	0.00	(2,231,250.00)	0.00
	Expenditures	3,340,026.25	38,535.23	0.00	46,133.74	3,255,357.28	3,340,026.25
	Special Items- Uses	0.00	0.00	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(5,424,364.89)	(6,124,347.32)	(7,978.67)	(81,012.84)	788,973.94	(5,424,364.89)
		0.00	(0.00)	0.00	0.00	0.00	0.00

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

Cash as of 05/13/2020 \$ 2,129,962.89

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 (109,424.97)

Total Net Cash Balance \$ 2,020,537.92

Water Resources Commissioner

PROJECT WORK IN PROGRESS

Oakland Macomb InterceptorSeg4

100000001913

(as of May 13, 2020)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
ADM - Administration				
730926 - Indirect Costs		0.00	59,001.44	
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	
Administration TOTALS				
	390,165.00	0.00	466,014.99	(\$75,849.99)
ENG - Engineering				
731346 - Personal Mileage		0.00	10,078.47	
731521 - Public Services		0.00	40,605.00	
771638 - Drain Equip Labor		2,284.00	735,819.73	
771639 - Drain Equipment		219.20	81,090.38	
Engineering TOTALS				
	484,153.00	2,503.20	867,593.58	(\$383,440.58)
ENGCON - Engineering Consultant				
730639 - Engineering Services-Other		0.00	3,594,242.60	
731073 - Legal Services		0.00	108.00	
Engineering Consultant TOTALS				
	3,275,248.00	0.00	3,594,350.60	(\$319,102.60)
FAC - Facility Acquisition				
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	
Facility Acquisition TOTALS				
	15,225,614.00	0.00	14,065,340.52	\$1,160,273.48
INS - Inspection				
730373 - Contracted Services		0.00	473.03	
731521 - Public Services		0.00	16,935.91	
Inspection TOTALS				
	17,408.00	0.00	17,408.94	(\$0.94)
LEGAL - Legal and Financial				
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	
Legal and Financial TOTALS				
	191,321.00	0.00	194,642.75	(\$3,321.75)
ROW - Right of Way				
731563 - Recording Fees		0.00	50.67	
Right of Way TOTALS				
	0.00	0.00	50.67	(\$50.67)

Water Resources Commissioner
PROJECT WORK IN PROGRESS
Oakland Macomb InterceptorSeg4
100000001913
 (as of May 13, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
Project 100000001913 - Oakland Macomb InterceptorSeg4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$19,583,909.00	\$2,503.20	\$19,205,402.05	\$378,506.95
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$9,181,979.40	
615572-State Capital Grants	\$0.00	\$1,105,350.77	
655077-Accrued Interest Adjustments	(\$1,485.48)	\$41,455.32	
655385-Income from Investments	\$5,584.58	\$644,327.23	
697551-Issuance of Bonds	\$0.00	\$1,646,996.60	
697753-State Revolving Fund Loans	\$0.00	\$8,490,000.00	
TOTAL REVENUE	\$4,099.10	\$21,110,109.32	
REVENUE OVER/(UNDER) EXPENSES		\$1,904,707.27	

Water Resources Commissioner

PROJECT WORK IN PROGRESS

NESPS Pump Install Seg4

10000002041

(as of May 13, 2020)

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

730926 - Indirect Costs

0.00

535.47

Administration TOTALS

5,000.00

0.00

535.47

\$4,464.53

ENG - Engineering

771638 - Drain Equip Labor

0.00

9,128.98

771639 - Drain Equipment

0.00

387.33

Engineering TOTALS

15,000.00

0.00

9,516.31

\$5,483.69

ENGCON - Engineering Consultant

730639 - Engineering Services-Other

0.00

181,969.55

Engineering Consultant TOTALS

200,000.00

0.00

181,969.55

\$18,030.45

FAC - Facility Acquisition
Facility Acquisition TOTALS

3,268,155.00

0.00

0.00

\$3,268,155.00

Project 10000002041 - NESPS Pump Install Seg4

Total Project Expenses

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$3,488,155.00	\$0.00	\$192,021.33	\$3,296,133.67
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$200,000.00	
TOTAL REVENUE	\$0.00	\$200,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$7,978.67	

Water Resources Commissioner

PROJECT WORK IN PROGRESS

OMI NESPS GATEHOUSE SEG4

100000002232

(as of May 13, 2020)

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

730926 - Indirect Costs	0.00	852.60	
771638 - Drain Equip Labor	0.00	53.43	

Administration TOTALS

9,472.00	0.00	906.03	\$8,565.97
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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	380.90	10,171.27	
771639 - Drain Equipment	13.70	463.92	

Engineering TOTALS

59,699.00	394.60	10,635.19	\$49,063.81
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ENGCON - Engineering Consultant

730639 - Engineering Services-Other	0.00	1,244,764.18	
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Engineering Consultant TOTALS

496,981.00	0.00	1,244,764.18	(\$747,783.18)
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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	1,213.00	
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Legal and Financial TOTALS

6,000.00	0.00	1,213.00	\$4,787.00
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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	\$394.60	\$4,715,120.90	(\$296,122.90)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$2,434,988.28	
697551-Issuance of Bonds	\$0.00	\$2,315,011.72	
TOTAL REVENUE	\$0.00	\$4,750,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$34,879.10	

Water Resources Commissioner

PROJECT WORK IN PROGRESS

NESPS Odor Corrosion Stdy Seg4

100000002708

(as of May 13, 2020)

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

730926 - Indirect Costs	0.00	5,784.38	
Administration TOTALS			
188,148.00	0.00	5,784.38	\$182,363.62

CONT - Contingency

Contingency TOTALS			
637,000.00	0.00	0.00	\$637,000.00

ENG - Engineering

771638 - Drain Equip Labor	2,337.98	95,242.60	
771639 - Drain Equipment	61.65	3,590.67	
Engineering TOTALS			
206,253.00	2,399.63	98,833.27	\$107,419.73

ENGCON - Engineering Consultant

730373 - Contracted Services	0.00	416,459.86	
730639 - Engineering Services-Other	0.00	59,195.44	
Engineering Consultant TOTALS			
1,073,000.00	0.00	475,655.30	\$597,344.70

FAC - Facility Acquisition

730352 - Construction	0.00	496,066.40	
731472 - Project Construction and Impr	4,156.46	2,747,928.63	
Facility Acquisition TOTALS			
4,600,000.00	4,156.46	3,243,995.03	\$1,356,004.97

INS - Inspection

771638 - Drain Equip Labor	5,614.65	124,844.38	
771639 - Drain Equipment	813.54	19,917.89	
Inspection TOTALS			
190,343.00	6,428.19	144,762.27	\$45,580.73

LEGAL - Legal and Financial

Legal and Financial TOTALS			
15,000.00	0.00	0.00	\$15,000.00

ROW - Right of Way

Right of Way TOTALS			
46,000.00	0.00	0.00	\$46,000.00

STD - Standard Operation

730352 - Construction	0.00	198,018.10	
730373 - Contracted Services	0.00	600,395.51	
730926 - Indirect Costs	0.00	1,864.90	
730940 - Insurance	0.00	139,930.93	
731073 - Legal Services	0.00	1,744.00	
731472 - Project Construction and Impr	0.00	51,390.00	
731906 - Testing Services	0.00	30,205.41	
771638 - Drain Equip Labor	569.58	1,988.60	
771639 - Drain Equipment	406.38	763.52	
Standard Operation TOTALS			
38,010.00	975.96	1,026,300.97	(\$988,290.97)

Water Resources Commissioner

PROJECT WORK IN PROGRESS

NESPS Odor Corrosion Stdy Seg4

100000002708

(as of May 13, 2020)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
SUR - Survey Crew				
Survey Crew TOTALS				
	10,246.00	0.00	0.00	\$10,246.00

Project 100000002708 - NESPS Odor Corrosion Stdy Seg4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$7,004,000.00	\$13,960.24	\$4,995,331.22	\$2,008,668.78
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$2,423,008.32	
697551-Issuance of Bonds	\$0.00	\$2,777,991.68	
TOTAL REVENUE	\$0.00	\$5,201,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$205,668.78	

OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS

OMI DD Meeting Date 05/20/2020

		84912	84914	84915	84915	84915	84915	84915	82912	
		1-2892	1-1557	1-1913	1-2041	1-2232	1-2232	1-2708		
Payable To	Invoice #	Segment 1 - OMID Odor Corrosion Study	Segment 3	Segment 4	Segment 4 - NESPS Pump Install	Segment 4 - NESPS Gate House	Segment 4 - NIEA East Arm	Segment 4 - NESPS Odor Corrosion Study	Oppérations & Maintanence	Total
Oakland County *	WRC Labor/Fringes/Non-direct Labor		1,721.16	3,513.40		2,187.00		26,891.76		\$34,313.32
Oakland County *	WRC Equipment		119.52	306.00		70.32		3,393.23		\$3,889.07
Oakland County *	WRC Mileage/Parking			0.00						\$0.00
Applied Scienceec Inc.	Invoice #15 (ASI Inv. #7583) Work Through 05/02/2020								73,452.75	\$73,452.75
BioAir Solutions LLC	Invoice I-20086 System Start Up Partial Payment							75,000.00		\$75,000.00
CH2M - LG Design, Inc	Invoice # 705773CH015 Services Through 4/24/20							33,248.33		\$33,248.33
Clark Hill PLC	Invoice # 974160 NESPS Acquisition Services Through 3/31/20								270.00	\$270.00
Dickenson Wright PLLC	Invoice # 1470561 Matter 012840-00424 Service through 3/31/20								140.00	\$140.00
DTE Energy	Invoice # 56348974 Remove / Replace Meter @ 11001 East State Fair Detroit, MI								20,737.00	\$20,737.00
HESCO	Invoice # 10685 Flow Control Structures								31,729.75	\$31,729.75
Jacobs CH2M Hill Engineers Inc.	Invoice # 697317CH # 20 Through 04/24/20	9,845.69							11,788.82	\$21,634.51
Kennedy Industries	Invoice # 617257 - NESPS Field Service On Site 3/19/20 - 3/25/20								4,508.00	\$4,508.00
Kennedy Industries	Invoice # 617432 - NESPS Field Service On Site 3/31/20								913.00	\$913.00
Kennedy Industries	Invoice # 617706 - NESPS Field Service On Site 4/14/20								2,121.00	\$2,121.00
Kennedy Industries	Invoice # 617854 - NESPS Field Service On Site 4/27/20								1,518.00	\$1,518.00
Kone Cranes	Invoice # 154290308 Service Through 04/07/20								1,392.00	\$1,392.00
Kone Cranes	Invoice # 154300585 Service Through 04/22/20								2,760.80	\$2,760.80
METCO	Invoice # 1811-16 Through 5/03/20								43,758.33	\$43,758.33
Motor City Electric Technologies	Invoice # 35846 NESPS SCADA Cutover 03/31/20								385.00	\$385.00
Motor City Electric Technologies	Invoice # 35862 NESPS SCADA Cutover 04/09/20								924.00	\$924.00
Motor City Electric Technologies	Invoice # 35884 NESPS SCADA Cutover 04/23/20								462.00	\$462.00
Motor City Electric Technologies	Invoice # 35888 NESPS SCADA Cutover 04/29/20								462.00	\$462.00
Motor City Electric Technologies	Invoice # 35889 NESPS SCADA Cutover 04/30/20								115.50	\$115.50
NTH Consultants	Inv # 01 OMID CS-9 Gate Design Service Through 04/24/20								76,650.58	\$76,650.58
NTH Consultants	Inv # 07 - OMIDD NESPS Corrosion Control System Services Through 04/24/20							1,176.64		\$1,176.64
NTH Consultants	Inv # 11 - OMIDD NI-EA Rehab Services Through 04/24/20								93,792.06	\$93,792.06
NTH Consultants	Inv # 15 - OMIDD System Immediate Repair Service Through 04/24/20								992.81	\$992.81
PMA Consultants	Invoice # 03559.00 - 88 Professional Services Through 03/31/20								2,049.60	\$2,049.60
PMA Consultants	Invoice # 03559.00 - 89 Professional Services Through 04/30/20								3,586.79	\$3,586.79
PM Technologies	Invoice # 0000137255 Services 4/14/20 Cabinet Locks								428.16	\$428.16
Premier Safety	Invoice # 04174529 Safety and Testing Products Order Date 02/24/20								3,624.50	\$3,624.50
Rotor Electric Co.	Invoice # 12232 Switchgear Maint. & Testing 10/07/19								1,125.29	\$1,125.29
Rotor Electric Co.	Invoice # 12233 Switchgear Maint. & Testing 10/12/19								1,732.00	\$1,732.00
Rotor Electric Co.	Invoice # 12316 Switchgear Maint. & Testing 02/19/20								4,579.75	\$4,579.75
Rotor Electric Co.	Invoice # 12318 Switchgear Maint. & Testing 04/15/20								1,161.00	\$1,161.00
WalshConstruction Company	Invoice # 220008 Pre-Con 3 Through 04/24/20								88,714.75	\$88,714.75
Total Invoices/Reimbursements for Approval		\$9,845.69	\$1,840.68	\$3,819.40	\$0.00	\$2,257.32	\$0.00	\$139,709.96	\$475,875.24	\$633,348.29
	* Less WRC Charges already paid from OMI Fund	0.00	(1,840.68)	(3,819.40)		(2,257.32)	0.00	(30,284.99)	0.00	(38,202.39)
	** Less amount being paid from Retainage Account									0.00
Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board		\$9,845.69	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$109,424.97	\$475,875.24	\$595,145.90

* NOTE: Previously approved Applied Science Invoice # 0000134616 was approved for \$ 121,170.61 at the 4/15/20 Meeting for the operations and maintenance fund. However the invoice was actually for \$ 123,049.59 a difference of \$ 1,878.98 to be considered.

Agenda Item No. 13

Invoices

OMI Segment 3 Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 07/05/2019 - 05/08/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
545715	11/21/2019	11/18/2019	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	10000000155	ENG
545715	11/21/2019	11/20/2019	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	10000000155	ENG
545715	12/06/2019	11/29/2019	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	10000000155	ENG
545715	02/21/2020	11/29/2019	LOCKHART, SIDNEY	-2.00	\$-245.88	REGULAR-D	WRCADM	10000000155	ENG
545715	12/06/2019	12/02/2019	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	10000000155	ENG
545715	04/24/2020	04/14/2020	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	10000000155	ENG
545715	04/24/2020	04/16/2020	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	10000000155	ENG
545715	04/24/2020	04/21/2020	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	10000000155	ENG
545715	04/24/2020	04/23/2020	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	10000000155	ENG
					\$1,721.16				

OMI Segment 3 Project - WRC Equipment Charges for Trans Dates - 07/05/2019 - 05/08/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
545715	11/21/2019	11/18/2019	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000001557	ENG
545715	11/21/2019	11/18/2019	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000001557	ENG
545715	11/21/2019	11/18/2019	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000001557	ENG
545715	11/21/2019	11/20/2019	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000001557	ENG
545715	11/21/2019	11/20/2019	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000001557	ENG
545715	11/21/2019	11/20/2019	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000001557	ENG
545715	12/06/2019	11/29/2019	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000001557	ENG
545715	12/06/2019	11/29/2019	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000001557	ENG
545715	12/06/2019	11/29/2019	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000001557	ENG
545715	12/06/2019	12/02/2019	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000001557	ENG
545715	12/06/2019	12/02/2019	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000001557	ENG
545715	12/06/2019	12/02/2019	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000001557	ENG
545715	04/24/2020	04/16/2020	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000001557	ENG
545715	04/24/2020	04/16/2020	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000001557	ENG
545715	04/24/2020	04/16/2020	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000001557	ENG
545715	04/24/2020	04/16/2020	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000001557	ENG
545715	04/24/2020	04/21/2020	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000001557	ENG
545715	04/24/2020	04/21/2020	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000001557	ENG
545715	04/24/2020	04/21/2020	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000001557	ENG
545715	04/24/2020	04/21/2020	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000001557	ENG
545715	04/24/2020	04/23/2020	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000001557	ENG
545715	04/24/2020	04/23/2020	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000001557	ENG
545715	04/24/2020	04/23/2020	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000001557	ENG
545715	04/24/2020	04/23/2020	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000001557	ENG
545715	04/24/2020	04/14/2020	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000001557	ENG
545715	04/24/2020	04/14/2020	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000001557	ENG
545715	04/24/2020	04/14/2020	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000001557	ENG
545715	04/24/2020	04/14/2020	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000001557	ENG
545715	02/21/2020	11/29/2019	LOCKHART, SIDNEY	-2.00	\$-0.80	ASSIGNED-D	Cell Phone	100000001557	ENG
545715	02/21/2020	11/29/2019	LOCKHART, SIDNEY	-2.00	\$-4.68	ASSIGNED-D	PC/Computer	100000001557	ENG
545715	02/21/2020	11/29/2019	LOCKHART, SIDNEY	-2.00	\$-11.38	ASSIGNED-D	Blazer/Suburbans	100000001557	ENG
545715	02/21/2020	11/29/2019	LOCKHART, SIDNEY	-2.00	\$-0.50	ASSIGNED-D	Tablet/iPad	100000001557	ENG
					\$119.52				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
None									\$0.00

OMI Segment 4 Project - WRC Equipment Charges for Trans Dates - 03/28/2020 - 05/08/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
834323	04/24/2020	04/13/2020	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000001913	ENG
834323	04/24/2020	04/13/2020	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/24/2020	04/13/2020	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/24/2020	04/13/2020	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000001913	ENG
834323	04/24/2020	04/15/2020	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000001913	ENG
834323	04/24/2020	04/15/2020	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/24/2020	04/15/2020	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/24/2020	04/15/2020	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000001913	ENG
834323	04/24/2020	04/17/2020	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000001913	ENG
834323	04/24/2020	04/17/2020	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/24/2020	04/17/2020	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/24/2020	04/17/2020	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000001913	ENG
834323	04/24/2020	04/22/2020	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000001913	ENG
834323	04/24/2020	04/22/2020	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/24/2020	04/22/2020	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/24/2020	04/22/2020	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000001913	ENG
834323	04/24/2020	04/24/2020	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000001913	ENG
834323	04/24/2020	04/24/2020	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/24/2020	04/24/2020	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/24/2020	04/24/2020	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000001913	ENG
			LOCKHART, SIDNEY Total		\$86.80				
834323	05/07/2020	04/27/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/07/2020	04/27/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/07/2020	04/28/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/07/2020	04/28/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/07/2020	04/29/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/07/2020	04/29/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/07/2020	04/30/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/07/2020	04/30/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/07/2020	05/01/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/07/2020	05/01/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/07/2020	05/04/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/07/2020	05/04/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/07/2020	05/05/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/07/2020	05/05/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/07/2020	05/06/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/07/2020	05/06/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/07/2020	05/07/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/07/2020	05/07/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/07/2020	05/08/2020	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/07/2020	05/08/2020	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
			POUSHO, ROBERT Total		\$219.20				
			Grand Total		\$306.00				

OMI Segment 4 Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 03/28/2020 - 05/08/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
834323	04/24/2020	04/13/2020	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	100000001913	ENG
834323	04/24/2020	04/15/2020	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	100000001913	ENG
834323	04/24/2020	04/17/2020	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	100000001913	ENG
834323	04/24/2020	04/22/2020	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	100000001913	ENG
834323	04/24/2020	04/24/2020	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	100000001913	ENG
			LOCKHART, SIDNEY Total		\$1,229.40				
834323	05/07/2020	04/27/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	05/07/2020	04/28/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	05/07/2020	04/29/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	05/07/2020	04/30/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	05/07/2020	05/01/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	05/07/2020	05/04/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	05/07/2020	05/05/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	05/07/2020	05/06/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	05/07/2020	05/07/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
834323	05/07/2020	05/08/2020	POUSHO, ROBERT	8.00	\$228.40	REGULAR	WRCCON	100000001913	ENG
			POUSHO, ROBERT Total		\$2,284.00				
			Grand Total		\$3,513.40				

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

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 03/28/2020 - 05/08/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	03/30/2020	03/16/2020	BROWN, JOEL	1.00	\$103.91	REGULAR	WRCCON	100000002708	ENG
864521	03/30/2020	03/17/2020	BROWN, JOEL	4.00	\$415.64	REGULAR	WRCCON	100000002708	ENG
864521	03/30/2020	03/20/2020	BROWN, JOEL	1.00	\$103.91	REGULAR	WRCCON	100000002708	ENG
864521	03/30/2020	03/23/2020	BROWN, JOEL	2.00	\$207.82	REGULAR	WRCCON	100000002708	ENG
864521	03/30/2020	03/24/2020	BROWN, JOEL	1.00	\$103.91	REGULAR	WRCCON	100000002708	ENG
864521	03/30/2020	03/25/2020	BROWN, JOEL	2.00	\$207.82	REGULAR	WRCCON	100000002708	ENG
864521	03/30/2020	03/26/2020	BROWN, JOEL	2.00	\$207.82	REGULAR	WRCCON	100000002708	ENG
864521	03/30/2020	03/27/2020	BROWN, JOEL	2.00	\$207.82	REGULAR	WRCCON	100000002708	ENG
864521	04/13/2020	03/30/2020	BROWN, JOEL	2.00	\$207.82	REGULAR	WRCCON	100000002708	ENG
864521	04/13/2020	03/31/2020	BROWN, JOEL	3.50	\$363.69	REGULAR	WRCCON	100000002708	ENG
864521	04/13/2020	04/06/2020	BROWN, JOEL	1.00	\$103.91	REGULAR	WRCCON	100000002708	ENG
864521	04/13/2020	04/07/2020	BROWN, JOEL	0.50	\$51.96	REGULAR	WRCCON	100000002708	ENG
864521	04/13/2020	04/08/2020	BROWN, JOEL	1.00	\$103.91	REGULAR	WRCCON	100000002708	ENG
864521	04/13/2020	04/09/2020	BROWN, JOEL	5.00	\$519.55	REGULAR	WRCCON	100000002708	ENG
864521	04/13/2020	04/10/2020	BROWN, JOEL	1.00	\$103.91	REGULAR	WRCCON	100000002708	ENG
864521	04/27/2020	04/13/2020	BROWN, JOEL	1.00	\$103.91	REGULAR	WRCCON	100000002708	ENG
864521	04/27/2020	04/14/2020	BROWN, JOEL	4.00	\$415.64	REGULAR	WRCCON	100000002708	ENG
864521	04/27/2020	04/15/2020	BROWN, JOEL	2.50	\$259.78	REGULAR	WRCCON	100000002708	ENG
864521	04/27/2020	04/16/2020	BROWN, JOEL	3.00	\$311.73	REGULAR	WRCCON	100000002708	ENG
864521	04/27/2020	04/17/2020	BROWN, JOEL	4.00	\$415.64	REGULAR	WRCCON	100000002708	ENG
864521	04/27/2020	04/20/2020	BROWN, JOEL	2.00	\$207.82	REGULAR	WRCCON	100000002708	ENG
864521	04/27/2020	04/23/2020	BROWN, JOEL	3.00	\$311.73	REGULAR	WRCCON	100000002708	ENG
864521	04/27/2020	04/24/2020	BROWN, JOEL	3.00	\$311.73	REGULAR	WRCCON	100000002708	ENG
			BROWN, JOEL Total		\$5,351.38				
866220	04/10/2020	04/10/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
866220	04/13/2020	04/13/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
866220	04/14/2020	04/14/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
866220	04/15/2020	04/15/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
866220	04/16/2020	04/16/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
866220	05/01/2020	05/01/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
866220	05/04/2020	05/04/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
866220	05/05/2020	05/05/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
866220	05/06/2020	05/06/2020	CODE, JEFFREY	1.50	\$102.56	REGULAR	WRCCDM	100000002708	INS
866220	05/07/2020	05/07/2020	CODE, JEFFREY	1.50	\$102.56	REGULAR	WRCCDM	100000002708	INS
866220	05/08/2020	05/08/2020	CODE, JEFFREY	1.00	\$68.37	REGULAR	WRCCDM	100000002708	INS
			CODE, JEFFREY Total		\$820.45				
934939	05/01/2020	04/30/2020	CUMMINGS, ROBERT	6.00	\$322.68	OVERTIME	WRCSMU	100000002708	STD
			CUMMINGS, ROBERT Total		\$322.68				
864521	04/10/2020	03/30/2020	LOCKHART, SIDNEY	1.00	\$122.94	REGULAR	WRCADM	100000002708	ENG
864521	04/10/2020	04/02/2020	LOCKHART, SIDNEY	1.00	\$122.94	REGULAR	WRCADM	100000002708	ENG
864521	04/10/2020	04/07/2020	LOCKHART, SIDNEY	1.00	\$122.94	REGULAR	WRCADM	100000002708	ENG
864521	04/10/2020	04/10/2020	LOCKHART, SIDNEY	1.00	\$122.94	REGULAR	WRCADM	100000002708	ENG
864521	04/24/2020	04/13/2020	LOCKHART, SIDNEY	1.00	\$122.94	REGULAR	WRCADM	100000002708	ENG
864521	04/24/2020	04/14/2020	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	100000002708	ENG
864521	04/24/2020	04/16/2020	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	100000002708	ENG
864521	04/24/2020	04/20/2020	LOCKHART, SIDNEY	4.00	\$491.76	REGULAR	WRCADM	100000002708	ENG
864521	04/24/2020	04/21/2020	LOCKHART, SIDNEY	3.00	\$368.82	REGULAR	WRCADM	100000002708	ENG
864521	04/24/2020	04/23/2020	LOCKHART, SIDNEY	1.00	\$122.94	REGULAR	WRCADM	100000002708	ENG
864521	04/24/2020	04/24/2020	LOCKHART, SIDNEY	2.00	\$245.88	REGULAR	WRCADM	100000002708	ENG
			LOCKHART, SIDNEY Total		\$2,335.86				
866220	03/28/2020	03/28/2020	ROBERTS, PATRICK	9.00	\$577.53	OVERTIME	WRCCDM	100000002708	INS
866220	03/30/2020	03/30/2020	ROBERTS, PATRICK	4.00	\$256.68	OVERTIME	WRCCDM	100000002708	INS
866220	03/30/2020	03/30/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/01/2020	03/31/2020	ROBERTS, PATRICK	4.00	\$256.68	OVERTIME	WRCCDM	100000002708	INS
866220	04/01/2020	03/31/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/02/2020	04/01/2020	ROBERTS, PATRICK	4.00	\$256.68	OVERTIME	WRCCDM	100000002708	INS
866220	04/02/2020	04/01/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/03/2020	04/02/2020	ROBERTS, PATRICK	3.00	\$192.51	OVERTIME	WRCCDM	100000002708	INS
866220	04/03/2020	04/02/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/03/2020	04/03/2020	ROBERTS, PATRICK	2.00	\$128.34	OVERTIME	WRCCDM	100000002708	INS
866220	04/03/2020	04/03/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/07/2020	04/06/2020	ROBERTS, PATRICK	2.50	\$160.43	OVERTIME	WRCCDM	100000002708	INS
866220	04/07/2020	04/06/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/08/2020	04/07/2020	ROBERTS, PATRICK	2.00	\$128.34	OVERTIME	WRCCDM	100000002708	INS
866220	04/08/2020	04/07/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/10/2020	04/08/2020	ROBERTS, PATRICK	4.00	\$256.68	OVERTIME	WRCCDM	100000002708	INS
866220	04/10/2020	04/08/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/10/2020	04/09/2020	ROBERTS, PATRICK	2.50	\$160.43	OVERTIME	WRCCDM	100000002708	INS
866220	04/10/2020	04/09/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/10/2020	04/10/2020	ROBERTS, PATRICK	2.50	\$160.43	OVERTIME	WRCCDM	100000002708	INS
866220	04/10/2020	04/10/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/14/2020	04/13/2020	ROBERTS, PATRICK	3.00	\$192.51	OVERTIME	WRCCDM	100000002708	INS

866220	04/14/2020	04/13/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/16/2020	04/14/2020	ROBERTS, PATRICK	4.00	\$256.68	OVERTIME	WRCCDM	100000002708	INS
866220	04/16/2020	04/14/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/16/2020	04/15/2020	ROBERTS, PATRICK	1.50	\$96.26	OVERTIME	WRCCDM	100000002708	INS
866220	04/16/2020	04/15/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/16/2020	04/16/2020	ROBERTS, PATRICK	2.00	\$128.34	OVERTIME	WRCCDM	100000002708	INS
866220	04/16/2020	04/16/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/17/2020	04/17/2020	ROBERTS, PATRICK	1.50	\$96.26	OVERTIME	WRCCDM	100000002708	INS
866220	04/17/2020	04/17/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/21/2020	04/20/2020	ROBERTS, PATRICK	0.50	\$32.09	OVERTIME	WRCCDM	100000002708	INS
866220	04/21/2020	04/20/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/22/2020	04/21/2020	ROBERTS, PATRICK	1.00	\$64.17	OVERTIME	WRCCDM	100000002708	INS
866220	04/22/2020	04/21/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/24/2020	04/22/2020	ROBERTS, PATRICK	1.00	\$64.17	OVERTIME	WRCCDM	100000002708	INS
866220	04/24/2020	04/22/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/24/2020	04/23/2020	ROBERTS, PATRICK	1.00	\$64.17	OVERTIME	WRCCDM	100000002708	INS
866220	04/24/2020	04/23/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/24/2020	04/24/2020	ROBERTS, PATRICK	1.50	\$96.26	OVERTIME	WRCCDM	100000002708	INS
866220	04/24/2020	04/24/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/27/2020	04/27/2020	ROBERTS, PATRICK	1.00	\$64.17	OVERTIME	WRCCDM	100000002708	INS
866220	04/27/2020	04/27/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	04/28/2020	04/28/2020	ROBERTS, PATRICK	1.50	\$96.26	OVERTIME	WRCCDM	100000002708	INS
866220	04/28/2020	04/28/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	05/01/2020	04/29/2020	ROBERTS, PATRICK	1.00	\$64.17	OVERTIME	WRCCDM	100000002708	INS
866220	05/01/2020	04/29/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	05/01/2020	04/30/2020	ROBERTS, PATRICK	0.50	\$32.09	OVERTIME	WRCCDM	100000002708	INS
866220	05/01/2020	04/30/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	05/03/2020	05/01/2020	ROBERTS, PATRICK	0.50	\$32.09	OVERTIME	WRCCDM	100000002708	INS
866220	05/03/2020	05/01/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	05/05/2020	05/04/2020	ROBERTS, PATRICK	0.50	\$32.09	OVERTIME	WRCCDM	100000002708	INS
866220	05/05/2020	05/04/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	05/06/2020	05/05/2020	ROBERTS, PATRICK	1.50	\$96.26	OVERTIME	WRCCDM	100000002708	INS
866220	05/06/2020	05/05/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	05/07/2020	05/06/2020	ROBERTS, PATRICK	1.00	\$64.17	OVERTIME	WRCCDM	100000002708	INS
866220	05/07/2020	05/06/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	05/08/2020	05/07/2020	ROBERTS, PATRICK	1.50	\$96.26	OVERTIME	WRCCDM	100000002708	INS
866220	05/08/2020	05/07/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
866220	05/08/2020	05/08/2020	ROBERTS, PATRICK	0.50	\$32.09	OVERTIME	WRCCDM	100000002708	INS
866220	05/08/2020	05/08/2020	ROBERTS, PATRICK	8.00	\$452.64	REGULAR	WRCCDM	100000002708	INS
			ROBERTS, PATRICK Total		\$17,814.49				
934939	05/01/2020	04/30/2020	SMITH, JOSHUA M	6.00	\$246.90	OVERTIME	WRCSMU	100000002708	STD
			SMITH, JOSHUA M Total		\$246.90				
			Grand Total		\$26,891.76				

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Equipment Charges for Trans Dates - 03/28/2020 - 05/08/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	03/30/2020	03/16/2020	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	03/30/2020	03/16/2020	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	03/30/2020	03/17/2020	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	03/30/2020	03/17/2020	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	100000002708	ENG
864521	03/30/2020	03/20/2020	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	03/30/2020	03/20/2020	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	03/30/2020	03/23/2020	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	03/30/2020	03/23/2020	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	03/30/2020	03/24/2020	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	03/30/2020	03/24/2020	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	03/30/2020	03/25/2020	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	03/30/2020	03/25/2020	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	03/30/2020	03/26/2020	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	03/30/2020	03/26/2020	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	03/30/2020	03/27/2020	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	03/30/2020	03/27/2020	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/13/2020	03/30/2020	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/13/2020	03/30/2020	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/13/2020	03/31/2020	BROWN, JOEL	3.50	\$1.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/13/2020	03/31/2020	BROWN, JOEL	3.50	\$8.19	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/13/2020	04/06/2020	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/13/2020	04/06/2020	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/13/2020	04/07/2020	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/13/2020	04/07/2020	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/13/2020	04/08/2020	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/13/2020	04/08/2020	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/13/2020	04/09/2020	BROWN, JOEL	5.00	\$2.00	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/13/2020	04/09/2020	BROWN, JOEL	5.00	\$11.70	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/13/2020	04/10/2020	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/13/2020	04/10/2020	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/27/2020	04/13/2020	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/27/2020	04/13/2020	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/27/2020	04/14/2020	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/27/2020	04/14/2020	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/27/2020	04/15/2020	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/27/2020	04/15/2020	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/27/2020	04/16/2020	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/27/2020	04/16/2020	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/27/2020	04/17/2020	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/27/2020	04/17/2020	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/27/2020	04/20/2020	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/27/2020	04/20/2020	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/27/2020	04/23/2020	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/27/2020	04/23/2020	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/27/2020	04/24/2020	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/27/2020	04/24/2020	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000002708	ENG
			BROWN, JOEL Total		\$141.11				
866220	04/10/2020	04/10/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	04/10/2020	04/10/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
866220	04/10/2020	04/10/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
866220	04/13/2020	04/13/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	04/13/2020	04/13/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
866220	04/13/2020	04/13/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
866220	04/14/2020	04/14/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	04/14/2020	04/14/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
866220	04/14/2020	04/14/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
866220	04/15/2020	04/15/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	04/15/2020	04/15/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
866220	04/15/2020	04/15/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
866220	04/16/2020	04/16/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	04/16/2020	04/16/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
866220	04/16/2020	04/16/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
866220	05/01/2020	05/01/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/01/2020	05/01/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
866220	05/01/2020	05/01/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
866220	05/04/2020	05/04/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/04/2020	05/04/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS

866220	05/04/2020	05/04/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
866220	05/05/2020	05/05/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/05/2020	05/05/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
866220	05/05/2020	05/05/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
866220	05/06/2020	05/06/2020	CODE, JEFFREY	1.50	\$8.54	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/06/2020	05/06/2020	CODE, JEFFREY	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	INS
866220	05/06/2020	05/06/2020	CODE, JEFFREY	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	INS
866220	05/07/2020	05/07/2020	CODE, JEFFREY	1.50	\$8.54	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/07/2020	05/07/2020	CODE, JEFFREY	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	INS
866220	05/07/2020	05/07/2020	CODE, JEFFREY	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	INS
866220	05/08/2020	05/08/2020	CODE, JEFFREY	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/08/2020	05/08/2020	CODE, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
866220	05/08/2020	05/08/2020	CODE, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
			CODE, JEFFREY Total		\$101.17				
934939	05/01/2020	04/30/2020	CUMMINGS, ROBERT	6.00	\$2.40	ASSIGNED	Cell Phone	100000002708	STD
934939	05/01/2020	04/30/2020	CUMMINGS, ROBERT	6.00	\$14.04	ASSIGNED	PC/Computer	100000002708	STD
			CUMMINGS, ROBERT Total		\$16.44				
864521	04/10/2020	03/30/2020	LOCKHART, SIDNEY	1.00	\$5.69	ASSIGNED	Blazer/Suburbans	100000002708	ENG
864521	04/10/2020	03/30/2020	LOCKHART, SIDNEY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/10/2020	03/30/2020	LOCKHART, SIDNEY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/10/2020	03/30/2020	LOCKHART, SIDNEY	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	04/10/2020	04/02/2020	LOCKHART, SIDNEY	1.00	\$5.69	ASSIGNED	Blazer/Suburbans	100000002708	ENG
864521	04/10/2020	04/02/2020	LOCKHART, SIDNEY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/10/2020	04/02/2020	LOCKHART, SIDNEY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/10/2020	04/02/2020	LOCKHART, SIDNEY	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	04/10/2020	04/07/2020	LOCKHART, SIDNEY	1.00	\$5.69	ASSIGNED	Blazer/Suburbans	100000002708	ENG
864521	04/10/2020	04/07/2020	LOCKHART, SIDNEY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/10/2020	04/07/2020	LOCKHART, SIDNEY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/10/2020	04/07/2020	LOCKHART, SIDNEY	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	04/10/2020	04/10/2020	LOCKHART, SIDNEY	1.00	\$5.69	ASSIGNED	Blazer/Suburbans	100000002708	ENG
864521	04/10/2020	04/10/2020	LOCKHART, SIDNEY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/10/2020	04/10/2020	LOCKHART, SIDNEY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/10/2020	04/10/2020	LOCKHART, SIDNEY	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	04/24/2020	04/13/2020	LOCKHART, SIDNEY	1.00	\$5.69	ASSIGNED	Blazer/Suburbans	100000002708	ENG
864521	04/24/2020	04/13/2020	LOCKHART, SIDNEY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/24/2020	04/13/2020	LOCKHART, SIDNEY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/24/2020	04/13/2020	LOCKHART, SIDNEY	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	04/24/2020	04/14/2020	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000002708	ENG
864521	04/24/2020	04/14/2020	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/24/2020	04/14/2020	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/24/2020	04/14/2020	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	04/24/2020	04/16/2020	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000002708	ENG
864521	04/24/2020	04/16/2020	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/24/2020	04/16/2020	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/24/2020	04/16/2020	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	04/24/2020	04/20/2020	LOCKHART, SIDNEY	4.00	\$22.76	ASSIGNED	Blazer/Suburbans	100000002708	ENG
864521	04/24/2020	04/20/2020	LOCKHART, SIDNEY	4.00	\$1.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/24/2020	04/20/2020	LOCKHART, SIDNEY	4.00	\$9.36	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/24/2020	04/20/2020	LOCKHART, SIDNEY	4.00	\$1.00	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	04/24/2020	04/21/2020	LOCKHART, SIDNEY	3.00	\$17.07	ASSIGNED	Blazer/Suburbans	100000002708	ENG
864521	04/24/2020	04/21/2020	LOCKHART, SIDNEY	3.00	\$1.20	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/24/2020	04/21/2020	LOCKHART, SIDNEY	3.00	\$7.02	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/24/2020	04/21/2020	LOCKHART, SIDNEY	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	04/24/2020	04/23/2020	LOCKHART, SIDNEY	1.00	\$5.69	ASSIGNED	Blazer/Suburbans	100000002708	ENG
864521	04/24/2020	04/23/2020	LOCKHART, SIDNEY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/24/2020	04/23/2020	LOCKHART, SIDNEY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/24/2020	04/23/2020	LOCKHART, SIDNEY	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	04/24/2020	04/24/2020	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000002708	ENG
864521	04/24/2020	04/24/2020	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/24/2020	04/24/2020	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/24/2020	04/24/2020	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000002708	ENG
			LOCKHART, SIDNEY Total		\$164.92				
866220	03/28/2020	03/28/2020	ROBERTS, PATRICK	9.00	\$51.21	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	03/28/2020	03/28/2020	ROBERTS, PATRICK	9.00	\$3.60	ASSIGNED	Cell Phone	100000002708	INS
866220	03/28/2020	03/28/2020	ROBERTS, PATRICK	9.00	\$21.06	ASSIGNED	PC/Computer	100000002708	INS
866220	03/30/2020	03/30/2020	ROBERTS, PATRICK	4.00	\$22.76	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	03/30/2020	03/30/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	03/30/2020	03/30/2020	ROBERTS, PATRICK	4.00	\$1.60	ASSIGNED	Cell Phone	100000002708	INS
866220	03/30/2020	03/30/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
866220	03/30/2020	03/30/2020	ROBERTS, PATRICK	4.00	\$9.36	ASSIGNED	PC/Computer	100000002708	INS

OMI Seg 4 NESPS Odor Corrosion Study Project - WRC labor-FB-NPF-EQP for 05-20-2020 meeting	Equipment
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OMI Seg 4 NESPS Odor Corrosion Study Project - WRC labor-FB-NPF-EQP for 05-20-2020 meeting

866220	05/03/2020	05/01/2020	ROBERTS, PATRICK	0.50	\$2.85	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/03/2020	05/01/2020	ROBERTS, PATRICK	0.50	\$0.20	ASSIGNED	Cell Phone	100000002708	INS
866220	05/03/2020	05/01/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
866220	05/03/2020	05/01/2020	ROBERTS, PATRICK	0.50	\$1.17	ASSIGNED	PC/Computer	100000002708	INS
866220	05/03/2020	05/01/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
866220	05/05/2020	05/04/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/05/2020	05/04/2020	ROBERTS, PATRICK	0.50	\$2.85	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/05/2020	05/04/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
866220	05/05/2020	05/04/2020	ROBERTS, PATRICK	0.50	\$0.20	ASSIGNED	Cell Phone	100000002708	INS
866220	05/05/2020	05/04/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
866220	05/05/2020	05/04/2020	ROBERTS, PATRICK	0.50	\$1.17	ASSIGNED	PC/Computer	100000002708	INS
866220	05/06/2020	05/05/2020	ROBERTS, PATRICK	1.50	\$8.54	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/06/2020	05/05/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/06/2020	05/05/2020	ROBERTS, PATRICK	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	INS
866220	05/06/2020	05/05/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
866220	05/06/2020	05/05/2020	ROBERTS, PATRICK	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	INS
866220	05/06/2020	05/05/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
866220	05/07/2020	05/06/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/07/2020	05/06/2020	ROBERTS, PATRICK	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/07/2020	05/06/2020	ROBERTS, PATRICK	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	INS
866220	05/07/2020	05/06/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
866220	05/07/2020	05/06/2020	ROBERTS, PATRICK	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	INS
866220	05/07/2020	05/06/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
866220	05/08/2020	05/07/2020	ROBERTS, PATRICK	1.50	\$8.54	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/08/2020	05/07/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/08/2020	05/07/2020	ROBERTS, PATRICK	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	INS
866220	05/08/2020	05/07/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
866220	05/08/2020	05/07/2020	ROBERTS, PATRICK	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	INS
866220	05/08/2020	05/07/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
866220	05/08/2020	05/08/2020	ROBERTS, PATRICK	0.50	\$2.85	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/08/2020	05/08/2020	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	05/08/2020	05/08/2020	ROBERTS, PATRICK	0.50	\$0.20	ASSIGNED	Cell Phone	100000002708	INS
866220	05/08/2020	05/08/2020	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000002708	INS
866220	05/08/2020	05/08/2020	ROBERTS, PATRICK	0.50	\$1.17	ASSIGNED	PC/Computer	100000002708	INS
866220	05/08/2020	05/08/2020	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000002708	INS
			ROBERTS, PATRICK Total		\$2,579.65				
934939	05/01/2020	04/30/2020	SMU Pick Up Truck, 3/4 T	6.00	\$34.14	UNASSIGNED		100000002708	STD
934939	05/01/2020	04/30/2020	SMU Vactor - 19907	6.00	\$355.80	UNASSIGNED		100000002708	STD
			Unassigned Total		\$389.94				
			Grand Total		\$3,393.23				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
None									
									\$0.00

OMI Segment 4 NESPS Gatehouse Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -04/26/2019 - 05/08/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
525985	02/14/2020	02/03/2020	PARROTT, JEFFREY	3.00	\$228.54	REGULAR	WRCROW	100000002232	ENG
525985	02/14/2020	02/04/2020	PARROTT, JEFFREY	2.00	\$152.36	REGULAR	WRCROW	100000002232	ENG
525985	02/14/2020	02/07/2020	PARROTT, JEFFREY	2.00	\$152.36	REGULAR	WRCROW	100000002232	ENG
525985	02/14/2020	02/11/2020	PARROTT, JEFFREY	1.00	\$76.18	REGULAR	WRCROW	100000002232	ENG
525985	02/14/2020	02/12/2020	PARROTT, JEFFREY	1.00	\$76.18	REGULAR	WRCROW	100000002232	ENG
525985	02/27/2020	02/28/2020	PARROTT, JEFFREY	4.00	\$304.72	REGULAR	WRCROW	100000002232	ENG
525985	03/13/2020	03/04/2020	PARROTT, JEFFREY	3.00	\$228.54	REGULAR	WRCROW	100000002232	ENG
525985	03/27/2020	03/26/2020	PARROTT, JEFFREY	2.00	\$152.36	REGULAR	WRCROW	100000002232	ENG
525985	04/24/2020	04/20/2020	PARROTT, JEFFREY	4.00	\$304.72	REGULAR	WRCROW	100000002232	ENG
525985	04/24/2020	04/24/2020	PARROTT, JEFFREY	1.00	\$76.18	REGULAR	WRCROW	100000002232	ENG
525985	05/08/2020	04/27/2020	PARROTT, JEFFREY	3.00	\$228.54	REGULAR	WRCROW	100000002232	ENG
525985	05/08/2020	05/08/2020	PARROTT, JEFFREY	2.00	\$152.36	REGULAR	WRCROW	100000002232	ENG
			PARROTT, JEFFREY Total		\$2,133.04				
525985	03/27/2020	03/26/2020	ROGERS, TIMOTHY J	1.00	\$53.96	REGULAR	WRCROW	100000002232	ENG
			ROGERS, TIMOTHY J Total		\$53.96				
			Grand Total		\$2,187.00				

OMI NESPS Gatehouse Project - WRC Equipment Charges for Trans Dates - 04/26/2019 - 05/08/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
525985	02/14/2020	02/03/2020	PARROTT, JEFFREY	3.00	\$7.02	ASSIGNED	PC/Computer	100000002232	ENG
525985	02/14/2020	02/04/2020	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000002232	ENG
525985	02/14/2020	02/07/2020	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000002232	ENG
525985	02/14/2020	02/11/2020	PARROTT, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002232	ENG
525985	02/14/2020	02/12/2020	PARROTT, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002232	ENG
525985	02/27/2020	02/28/2020	PARROTT, JEFFREY	4.00	\$9.36	ASSIGNED	PC/Computer	100000002232	ENG
525985	03/13/2020	03/04/2020	PARROTT, JEFFREY	3.00	\$7.02	ASSIGNED	PC/Computer	100000002232	ENG
525985	03/27/2020	03/26/2020	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	100000002232	ENG
525985	03/27/2020	03/26/2020	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000002232	ENG
525985	04/24/2020	04/20/2020	PARROTT, JEFFREY	4.00	\$1.60	ASSIGNED	Cell Phone	100000002232	ENG
525985	04/24/2020	04/20/2020	PARROTT, JEFFREY	4.00	\$9.36	ASSIGNED	PC/Computer	100000002232	ENG
525985	04/24/2020	04/24/2020	PARROTT, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	100000002232	ENG
525985	04/24/2020	04/24/2020	PARROTT, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	100000002232	ENG
525985	05/08/2020	04/27/2020	PARROTT, JEFFREY	3.00	\$7.02	ASSIGNED	PC/Computer	100000002232	ENG
525985	05/08/2020	04/27/2020	PARROTT, JEFFREY	3.00	\$1.20	ASSIGNED	Cell Phone	100000002232	ENG
525985	05/08/2020	05/08/2020	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	100000002232	ENG
525985	05/08/2020	05/08/2020	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000002232	ENG
					\$70.32				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
None									\$0.00



Applied Science, Inc.

300 River Place Suite 5400 Detroit, MI 48207

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

www.asi-detroit.com

May 6, 2020

Project Invoice #15 (ASI Inv. #7583)

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

li# 41133

Contract #5470

v# 352

(ASI Job No. 1815)

exp. 6/26/21

Invoice Period: 3/29/20 - 5/2/20

Task No.	Task Description	Total This Invoice
1	Transition & Basis of Design	
	Total: 82912	\$ 2,920.00
	Subconsultants: 149667	
	FK Engineering: 730639	\$ -
	ASI Markup 5%: 1-2842	\$ -
	Total: engcon	\$ 2,920.00

Task No.	Task Description	Total This Invoice
2	Design Services for Pump & Electrical Upgrades	
	Total:	\$ 25,767.00
	Subconsultants: 82912	
	Metco Services: 149667	\$ 11,650.00
	FK Engineering: 730639	\$ 6,685.50
	NTH Consultants: 1-3020	\$ 21,221.55
	AEW: engcon	\$ -
	ASI Markup 5%:	\$ 1,977.85
	Total Due This Invoice:	\$ 67,301.90

Task No.	Task Description	Total This Invoice
3	Additional Special Services	
	Total:	\$ -
	Subconsultants: 149667	
	NTH Consultants: 730639	
	FK Engineering: 1-3016	\$ 3,077.00
	ASI Markup 5%: engcon	\$ 153.85
	Total Due This Invoice:	\$ 3,230.85
	Total Due This Invoice:	\$ 73,452.75
	Previous Amount Invoiced:	\$ 1,082,049.39
	Total Invoiced To-Date	\$ 1,155,502.14
	Contract Task Total:	\$ 1,755,118.00
	Amount Remaining:	\$ 599,615.86



BioAir Solutions, LLC
110 Kresson-Gibbsboro Road
Suite 303
Voorhees, NJ 08043
Phone: 856-258-6969
Fax: 856-258-6975

Invoice

Invoice No.	Invoice Date
I-20086	4/30/2020

Terms	Due Date
Net 30	5/30/2020

Oakland-Macomb Interceptor Drain
Drainage District (OMIDDD)
One Public Works Drive
Building 95 West
Waterford, MI 48328-1907

84915 - 149015 - 730352 - 5719 - 1-2708 - Ch 21 - FAC

v# 22748

exp. 5/20/21

li# 42222

Lil Lockhart

JTB 5/6/20

Purchaser		P.O. Number	Customer Reference	BioAir Project	
Joel Brown 248-452-8681		Agreement 00 52 63-1	NESPS Odor/Corrosion Control System	P18126 - OMIDDD NE PS_MI	
Item	Description			Price Each	Amount
	Partial payment of final milestone for system start up BioAir Solutions is not registered to collect sales tax in the State of Michigan. If applicable, please remit tax directly			75,000.00	75,000.00T

Wire Information:
HSBC Bank USA, N.A.
1025 Arch Street, Philadelphia, PA 19107
Phone: 610-263-2107

Acct: 125-225881
ABA: 021001088
Swift: MRMDUS33

Interest at 1.5% per
month (18% per annum)
charged on overdue
invoices

Total **USD 75,000.00**

Payments/Credits **USD 0.00**

Balance Due **USD 75,000.00**



LG Design is a Subsidiary of CH2M HILL Engineers

Invoice Contact:
Sandy.Peppler@Jacobs.com

Remit to:

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

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

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

JTB
5/11/20

Invoice Date: 5/8/2020
CH2M HILL Project No. 705773CH
CH2M HILL Invoice No. 705773CH015
Sequential Invoice Number: 16

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 March 28, 2020 through April 24, 2020

Authorized Amount: \$ 1,272,470.46
Current Invoice: \$ 33,248.33
Total Invoiced: \$ 959,799.91
Percent Complete: 75.43%
Remaining Budget: \$ 312,670.55

Total Amount Due: \$ 33,248.33

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	\$ 344,187.00	\$ 216,684.69	\$ 15,205.04	\$ 231,889.73	67.37%	\$ 112,297.27
6	REVIEW SUBMITTALS	\$ 85,648.00	\$ 85,581.87	\$ -	\$ 85,581.87	99.92%	\$ 66.13
7	CHANGES & CLAIMS	\$ 17,361.00	\$ 6,966.86	\$ 1,515.18	\$ 8,482.04	48.86%	\$ 8,878.96
8	SITE INSPECTION	\$ 35,641.00	\$ 4,307.50	\$ -	\$ 4,307.50	12.09%	\$ 31,333.50
9	PREPARE O&M MANUAL	\$ 26,718.00	\$ -	\$ -	\$ -	0.00%	\$ 26,718.00
10	PROVIDE OPERATING TRAINING	\$ 9,082.00	\$ -	\$ -	\$ -	0.00%	\$ 9,082.00
11	ASSIST WITH FACILITY START-UP	\$ 17,129.00	\$ -	\$ -	\$ -	0.00%	\$ 17,129.00
12	PREPARE RECORD DRAWINGS	\$ 9,803.00	\$ -	\$ -	\$ -	0.00%	\$ 9,803.00
13	WARRANTY & PERFORMANCE REVIEWS	\$ 15,925.00	\$ -	\$ -	\$ -	0.00%	\$ 15,925.00
14	PROJECT PLANNING	\$ 25,000.00	\$ 24,997.75	\$ -	\$ 24,997.75	99.99%	\$ 2.25
EX	EXPENSES	\$ 22,711.00	\$ 17,175.62	\$ -	\$ 17,175.62	75.63%	\$ 5,535.38
SUB.METCO	ELECTRICAL ENGINEERING	\$ 75,570.00	\$ 74,194.50	\$ -	\$ 74,194.50	98.18%	\$ 1,375.50
SUB.NTH	GEOTECH INVESTIGATION	\$ 227,760.00	\$ 157,518.57	\$ 16,528.11	\$ 174,046.68	76.42%	\$ 53,713.32
SUB.SDA	SITE SURVEY	\$ 5,250.00	\$ 5,250.00	\$ -	\$ 5,250.00	100.00%	\$ -
Subtotal:		\$ 1,251,779.46	\$ 926,551.58	\$ 33,248.33	\$ 959,799.91	76.67%	\$ 291,979.55
Allowance		\$ 20,691.00	\$ -	\$ -	\$ -	0.00%	\$ 20,691.00
Total:		\$ 1,272,470.46	\$ 926,551.58	\$ 33,248.33	\$ 959,799.91	76.67%	\$ 312,670.55

OUTSTANDING INVOICES:

INVOICE DATE	INVOICE #	AMOUNT
Total:		\$ -
Current invoice		\$ 33,248.33
TOTAL DUE:		\$ 33,248.33

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

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

82912 - 149030 - 731073 - 5113 - Ch. 21

v# 2788

exp. 5/15/21

Steven Korth 4/27/2020

INVOICE

Invoice # 974160

Oakland-Macomb Interceptor Drain Drainage District April 14, 2020
Attn: Kelsey Cooke Client: 58434
c/o Oakland County Water Resources Commissioner Matter: 316432
1 Public Works Drive
Waterford, MI 48328

=====

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

FOR SERVICES RENDERED through March 31, 2020

Total Services: \$270.00

INVOICE TOTAL \$270.00

TOTAL AMOUNT DUE \$270.00

=====

PAYABLE UPON RECEIPT IN U.S. DOLLARS

MK 4/24/20

INVOICE DATE: APRIL 21, 2020
 INVOICE NO.: 1470561

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

ATTN: JOHN BASCH

CLIENT/MATTER NO.: 012840-00424

82912-149667-731073-5089-1-3020-Ch. 21

 v# 4978
 exp. 4/30/33



RE: REVISION OF OAKLAND COUNTY PURCHASE ORDER FOR MISCELLANEOUS WORK

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH MARCH 31, 2020

		<u>USD</u>
TOTAL FEES CURRENT INVOICE	\$	140.00
TOTAL CURRENT INVOICE	\$	140.00

MK 4/22/20

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)

Please direct payment to:

Attn: Carolyn Dorsey (carolyn.dorsey@dteenergy.com)

DTE Gas Company

One Energy Plaza, Suite 1755 WCB

Detroit, MI 48226-1279

Phone: 313.235.0242



DTE Energy®

Please attach a copy of this invoice with payment
or reference Invoice/WO# to payment for proper tracking.

INVOICE

Name OMIDDD Phone (248) 452-8681
Address One Public Works Drive, Building 95 West
City Waterford
State MI Zip 48328

Date 4/7/2020
Invoice 56348974
Acct Mgr Eric Harris

Qty	Description	TOTAL
1	Meter: Remove (1) existing meter #2839902583 Meter: Install (1) meter #2491598946 Regulation: Install (1) 2" x 4" ITRON B838 IMRV (3/4" orifice) 11001 East State Fair, Detroit, MI 48205	\$20,252
2	Service Alteration Fee	\$485
	NOTE: "Total Cost" is based on standard rates during normal working hours Monday through Friday, 8:00 AM – 5:00 PM.	
	Sys ID - 100200617 WO# 56348974 PROJ HEADER #56348911	
	(Joel Brown; brownjt@oakgov.com; - (248) 452-8681)	

Payment Details

Using Credit Card

Card Type:
Name on Card
Mailing Address:

CC#

Exp Date

CVC code

TOTAL \$20,737

Vend #2668-Please submit payment as indicated above

82912-149090-730562-Ch 21

Please direct questions to
Phone:
Email: eric.harris@dteenergy.com

Eric Harris
313-600-3586

DTE Energy appreciates your business and looks forward to serving your energy needs in the future.



Knowledgeable • Professional • Attentive • Likeable

23905 Freeway Park • Farmington Hills, MI 48335

Phone: 586.978.7200 • Fax: 586.978.2200

www.hesco-mi.com

Invoice No. 10685

Date: 04/02/2020

82912-149090-730660 -5819 Ch. 21

v#6091

exp 6/30/22

li#42703

Sid Lockhart

JTB 5/7/20

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

Project: S2019807S OMID Flow Control Structures

Contact: Terry Moore

P.O.# Sewer Fund #149130

Due Date: 05/02/2020

Description	Qty	Rate	Amount
OMID Flow Control Structure Maintenance and Repair Contract Sewer Fund #149130			
CS-7 Position Indicator Install on 11/8/2019			
Senior Tech.	8.250	185.00	1,526.25
Tech. I	8.250	120.00	990.00
Tech. I	8.250	120.00	990.00
Linear Position Transmitter	1.000	1,605.00	1,605.00
Display	1.000	575.00	575.00
CS-7 Oil Change on 12/5/2019			
Senior Tech.	8.000	185.00	1,480.00
Tech. I	8.000	120.00	960.00
CS-6 Oil Change on 12/6/2019			
Senior Tech.	7.000	185.00	1,295.00
Tech. I	7.000	120.00	840.00
CS-8 Oil Change on 12/9/2019			
Senior Tech.	8.000	185.00	1,480.00
Tech. I	8.000	120.00	960.00
CS-5 Oil Change on 12/10/2019			
Senior Tech.	7.000	185.00	1,295.00
Tech. I	7.000	120.00	840.00
Pressure Oil Filters	4.000	60.00	240.00

Non-Taxable Amount:	22,206.25
Taxable Amount:	9,523.50
Sales Tax:	0.00
Amount Due	31,729.75

Thank you for your prompt payment!



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

**84912 - 149015 - 730639 -
5216 - 1-2892 - Ch. 21 - std
v# 20192
li# 39942**

**JTB
5/11/20**

Invoice Date: 5/8/2020
Jacobs Project Number: 697317CH
Sequential Invoice Number: 20
Jacobs Invoice Number: 697317CH020

INVOICE

OMIDDD System-wide Odor/Corrosion Study

This invoice includes labor and expenses for the period
From March 28, 2020 through April 24, 2020

Authorized Amount	\$ 531,447.00
Current Invoice	\$ 21,634.51
Total Invoiced to Date	\$ 402,356.09
Remaining Budget	\$ 129,090.91

Total Amount Due	\$ 21,634.51
------------------	--------------

STATUS OF PREVIOUS INVOICES

Date	Invoice Number	Sequential Invoice Number	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding
09/27/2018	381161194	1	\$35,231.70	11/14/2018	\$35,231.70	\$0.00
11/07/2018	697317CH001	2	\$18,104.11	12/06/2018	\$18,104.11	\$0.00
11/13/2018	697317CH002	3	\$11,916.34	12/24/2018	\$11,916.34	\$0.00
12/17/2018	697317CH003	4	\$17,294.97	01/29/2019	\$17,294.97	\$0.00
01/09/2019	697317CH004	5	\$11,205.83	01/24/2019	\$11,205.83	\$0.00
02/15/2019	697317CH005	6	\$14,963.22	03/27/2019	\$14,963.22	\$0.00
03/11/2019	697317CH006	7	\$23,348.82	03/27/2019	\$23,348.82	\$0.00
04/17/2019	697317CH008	8	\$21,792.04	05/17/2019	\$21,792.04	\$0.00
05/21/2019	697317CH009	9	\$10,413.99	06/28/2019	\$10,413.99	\$0.00
06/05/2019	697317CH010	10	\$14,856.85	07/31/2019	\$14,856.85	\$0.00
08/13/2019	697317CH011	11	\$64,654.11	08/30/2019	\$64,654.11	\$0.00
09/17/2019	697317CH012	12	\$25,928.19	10/31/2019	\$25,928.19	\$0.00
10/21/2019	697317CH013	13	\$22,538.94	11/27/2019	\$22,538.94	\$0.00
11/04/2019	697317CH014	14	\$8,692.74	12/06/2019	\$8,692.74	\$0.00
12/04/2019	697317CH015	15	\$12,547.23	01/23/2020	\$12,547.23	\$0.00
01/10/2020	697317CH016	16	\$27,522.34	03/16/2020	\$27,522.34	\$0.00
01/31/2020	697317CH017	17	\$13,617.64	03/16/2020	\$13,617.64	\$0.00
03/02/2020	697317CH018	18	\$11,928.66	04/01/2020	\$11,928.66	\$0.00
04/03/2020	697317CH019	19	\$14,163.86	04/21/2020	\$14,163.86	\$0.00
TOTAL OUTSTANDING AMOUNT					<u>\$0.00</u>	

Payment terms: 30 NET

To ensure accurate posting, please note the invoice number on your check.

Electronic payment details:

Beneficiary Bank: Wells Fargo
ABA No: 121000248
Account No (USD): 4121034003
SWIFT: WFBIUS6S

Checks payable to:

CH2M HILL ENGINEERS, INC.
P.O. Box 201869
Dallas, TX 75320 - 1869



KENNEDY
INDUSTRIES

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MONITOR
REPAIR

82912 - 149090 - 730660- 5825 - Ch. 21

v# 239

exp. 6/30/22

B OMI100
I OAKLAND MACOMB
L INTERCEPTOR DRAIN (OMID)
L 1 PUBLIC WORKS DR
T WATERFORD, MI 48328
O

JL R

5/6/20

S NORTH EAST PUMP STATION
H 11000 EAST 8 MILE RD
I DETROIT, MI 48205
P

T
O

INVOICE		
DATE	NUMBER	PAGE
3/27/2020	617257	1 of 1

ATTENTION:

TERRY MOORE

313-829-7207

tmoore@metcoservices.com

CUSTOMER REF/PO #		JOB #	JOB TITLE	SLP	SHIPPING TYPE
		0104234	NORTHEAST PUMP STATION, FIELD SERVICE, SANITARY	KES/SPM	FIELD SERVICE
QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
B/O	Ship				

0.00	5.50	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 03/19/20. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$110.00	\$605.00
0.00	0.50	TRAVEL	SERVICE VEHICLE	\$33.00	\$33.00
0.00	16.00	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 03/24/20 AT STANDARD RATES PLEASE SEE THE ATTACHED SERVICE REPORT.	\$110.00	\$1,760.00
0.00	3.50	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 03/24/20 AT OVER TIME RATES. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$144.00	\$504.00
0.00	0.50	TRAVEL	SERVICE VEHICLE	\$33.00	\$33.00
0.00	14.00	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 03/25/20. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$110.00	\$1,540.00
0.00	1.00	TRAVEL	SERVICE VEHICLE	\$33.00	\$33.00

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

This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 4/2019) and Customer Warranty available at www.kennedyind.com which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website.

***TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE**
***A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE**
***CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE**

SUBTOTAL: \$4,508.00

TAX: \$0.00

TOTAL: \$4,508.00

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

www.KennedyInd.com



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INVOICE		
DATE	NUMBER	PAGE
4/7/2020	617432	1 of 1

B OMI100
I OAKLAND MACOMB
L INTERCEPTOR DRAIN
L (OMID)
T 1 PUBLIC WORKS DR
O WATERFORD, MI 48328

82912 - 149090 - 730660- 5825 - Ch. 21

v# 239

exp. 6/30/22

Jol R 5/7/20

S NORTH EAST PUMP STATION
H 11000 EAST 8 MILE RD
I DETROIT, MI 48205
P

T
O

ATTENTION:

TERRY MOORE

313-829-7207

tmoore@metcoservices.com

CUSTOMER REF/PO #		JOB #	JOB TITLE	SLP	SHIPPING TYPE	
		0104234	NORTHEAST PUMP STATION, FIELD SERVICE, SANITARY	KES/SPM	FIELD SERVICE	
QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED	
B/O	Ship					
0.00	8.00	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 03/31/20 PLEASE SEE THE ATTACHED SERVICE REPORT.	\$110.00	\$880.00	
0.00	0.50	TRAVEL	SERVICE VEHICLE	\$33.00	\$33.00	

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

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***A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE**
***CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE**

SUBTOTAL: \$913.00.00

TAX: \$0.00

TOTAL: \$913.00

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

www.KennedyInd.com



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INVOICE		
DATE	NUMBER	PAGE
4/23/2020	617706	1 of 1

B OMI100
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Fund	82912	Dept	6010101
Prog	149090	Acct	730660
Contract #	5825	Project	
Chap 20/21	21	Op Unit	
Approver			

S NORTH EAST PUMPING STATION
H 8598 E. STATE FAIR AVE
I DETROIT, MI 48234
P v# 239
T li# 42709
O exp, 6/30/22

John R.

ATTENTION:

TERRY MOORE

313-8297207

TMOORE@METROUSESERVICES.COM 5/7/20

CUSTOMER REF/PO #		JOB #	JOB TITLE	SLP	SHIPPING TYPE
		0104616	NEPS, FIELD SERVICE, SANITARY	KES/	FIELD SERVICE
QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
B/O	Ship				

0.00	14.50	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 04/14/20 AT OVER TIME RATES. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$144.00	\$2,088.00
0.00	1.00	TRAVEL	SERVICE VEHICLE	\$33.00	\$33.00

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

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***A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE**
***CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE**

SUBTOTAL: \$2,121.00

TAX: \$0.00

TOTAL: \$2,121.00

TR

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

www.KennedyInd.com



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INVOICE		
DATE	NUMBER	PAGE
4/29/2020	617854	1 of 1

B OMI100
I OAKLAND MACOMB INTERCEPTOR DRA
L 1 PUBLIC WORKS DR. 82912 - 149090 - 730660- 5825 - Ch. 21
L WATERFORD, MI 48328 v#239
T exp. 6/30/22
O

S NORTH EAST PUMPING STATION
H 8598 E. STATE FAIR AVE
I DETROIT, MI 48234
P
T
O

Jd R 5/7/20

ATTENTION:

TERRY MOORE

313-8297207

TMOORE@METCOSERVICES.COM

CUSTOMER REF/PO #		JOB #	JOB TITLE	SLP	SHIPPING TYPE	
		0104740	NEPS, FIELD SERVICE, SANITARY	KES/SPM	FIELD SERVICE	
QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED	
B/O	Ship					
0.00	13.50	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 04/27/20. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$110.00	\$1,485.00	
0.00	1.00	TRAVEL	SERVICE VEHICLE	\$33.00	\$33.00	

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

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***TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE**
***A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE**
***CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE**

SUBTOTAL: \$1,518.00

TAX: \$0.00

TOTAL: \$1,518.00

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

www.KennedyInd.com

Invoice


Delivery Address	Information
Great Lakes Water Authority 11001 E State Fair St Detroit MI 48234	Document No. 154290308 Document Date 04/15/2020 Agreement No. 1-90247870763 Contract Number 0150827968 Customer PO 005820 Customer Contact Joel Brown Customer No. 1816160
Invoice Address	Terms of Payment / Delivery
Oakland Macomb Interceptor Drain Drainage District Acct: 730660 1 Public Works Drive Fund: 82912 Program: 149090 Waterford MI 48328-1907	Terms of Delivery FCA PLANT OF ORIGIN Terms of Payment 15 days net Due Date 04/30/2020

Invoice Details

Thank you for choosing Konecranes to Lift Your Business.

Please don't forget to check out the customer portal at www.yourKONECRANES.com!

Item	Material Description	Quantity	Unit price USD	Value USD
10	April 2020 Inspection 4/07/20 - Performed Mainman Assessment with Routine Maintenance including Lift Rental. SR #1-91483490123			1,392.00
	Invoice Value			1,392.00
	Sales Tax			0.00
	Invoice Total			1,392.00

Fund	82912	Dept	6010101
Prog	149090	Acct	730660
Contract #	5820	Project	
Chap 20/21	21	Op Unit	
Approver	 4/21/20		

v# 22875
exp. 6/28/22

DET-Detroit, MI
42970 W 10 Mile Rd
NOVI MI 48375-5421
USA

Phone No. 248-380-2626
Fax No. 248-380-8595

Contact: Hannah Russey
Email: hannah.russey@konecranes.com

Invoice

82912 - 149090 - 730660 - 5820 - Ch. 21
v# 22875 exp. 6/28/22

JL R

5/8/20

Delivery Address		Information		
Great Lakes Water Authority 11001 E State Fair St Detroit MI 48234		Document No.	154300585	
		Document Date	05/06/2020	
		Customer PO	005820	
		Customer Contact	Darrin Green	
		Customer No.	1816160	
Invoice Address		Terms of Payment / Delivery		
Oakland Macomb Interceptor Drain Drainage District Acct: 730660 1 Public Works Drive Fund: 82912 Program: 149090 Waterford MI 48328-1907		Terms of Delivery	FCA PLANT OF ORIGIN	
		Terms of Payment	15 days net	
		Due Date	05/21/2020	
Invoice Details				
Provided labor and materials to complete replacement of encoder on 25 ton indoor crane.				
Thank you for your business!!				
Item	Material Description	Quantity	Unit price USD	Value USD
Service Request Num & Delivery Date: 1-91983052777 / 0157213320 / 04/22/2020				
10	25 Ton Encoder Repair Installed replacement encoder. Labor: \$1,120.00 Parts: \$1,640.80	1 EA	2,760.80 / EA	2,760.80
	Invoice Value			2,760.80
	Sales Tax			0.00
	Invoice Total			2,760.80

DET-Detroit, MI
42970 W 10 Mile Rd
NOVI MI 48375-5421
USA

Phone No. 248-380-2626
Fax No. 248-380-8595

Contact: Hannah Russey
Email: hannah.russey@konecranes.com



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

INVOICE NO. 1811-16

DATE: May 6, 2020

METCO PROJECT NO. 1811

INVOICE PERIOD: thru 5/3/2020

Contract ID 000000000000000000005517

Vendor ID 0000020486

TO: OMIDD

Water Resources Commissioner

One Public Works Drive

Waterford, MI 48328

Attn: Mr. Sid Lockhart, PE

Deputy Chief Engineer/Special Projects Manager **Exp. 9/30/21**

TITLE: NESPS Operation and Maintenance

Task 3.2 - Operational Plan

Task 3.2A - OMID Operations - Fund 82912, Program 149130, Account 730373

<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	\$ -	<i>Sid Lockhart</i>
Terry Moore	Operations Manager	20.0	\$ 145.00	\$ 2,900.00	JTB 5/7/20
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -	
Subtotal Task 3.2A:				\$ 2,900.00	

Task 3.2B - NEPS Operations - Fund 82912, Program 149090, Account 730373

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>	
Raj Vijayendran, PE	Principal Engineer	16.0	\$ 215.00	\$ 3,440.00	JTB 5/7/20
Terry Moore	Operations Manager	66.0	\$ 145.00	\$ 9,570.00	
Darrin Green	Staff Engineer	0.0	\$ 90.00	\$ -	
Rosana Santos	Administrative Assoc.	2.0	\$ 73.79	\$ 147.58	
Subtotal Task 3.2B:				\$ 13,157.58	
Subtotal 3.2:				\$ 16,057.58	

Task 4.0 - Maintenance & Asset Management

Task 4.3A OMID Maintenance – Fund 82912, Program 149130, Account 730646

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>	
Terry Moore	Operations Manager	14.0	\$ 145.00	\$ 2,030.00	JTB 5/7/20
Darrin Green	Staff Engineer	0.0	\$ 90.00	\$ -	
Subtotal Task 4.3A:				\$ 2,030.00	

Task 4.3B NEPS Maintenance – Fund 82912, Program 149090, Account 730646

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>	
Terry Moore	Operations Manager	70.0	\$ 145.00	\$ 10,150.00	JTB 5/7/20
Terry Moore	Operations Manager (Overtime)	0.0	\$ 195.00	\$ -	
Daniel Martel	Sr. Project Coordinator	0.0	\$ 145.00	\$ -	

Sean Grant	Sr. Project Engineer	4.0	\$	145.00	\$	580.00
Darrin Green	Staff Engineer	77.0	\$	90.00	\$	6,930.00
Darrin Green	Staff Engineer-(Overtime)	3.0	\$	135.00	\$	405.00
Abhishek Shah	Staff Engineer	77.5	\$	90.00	\$	6,975.00
Brandon Brochue	Designer/Drafter	0.0	\$	85.00	\$	-

Subtotal: \$ 25,040.00

Maintenance Services (see attached invoices): \$ 630.75

Subtotal Task 4.3B \$ 25,670.75

Subtotal 4.3: \$ 27,700.75

TOTAL AMOUNT DUE THIS INVOICE: \$ 43,758.33

**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
920567	0	001	3/31/2020	3/31/2020	35846

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	\$385.00	-	\$385.00	\$385.00	-	-
Totals:		\$385.00		\$385.00	\$385.00		
Less Retained:				-			
Invoice Total:				\$385.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICES

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORTS

Fund	82912	Dept	6010101
Prog	149090	Acct	730660
	5469		
Contract #		Project	
Chap 20/21	21	Op Unit	
Approver	<i>JL</i>	<i>R</i>	4/21/20

complete electrical construction

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

**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

AN EQUAL OPPORTUNITY EMPLOYER

INVOICE

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

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
920567	0	001	3/12/2020	4/9/2020	35862

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	\$924.00	-	\$924.00	\$924.00	-	-
Totals:		\$924.00		\$924.00	\$924.00		
Less Retained:				-			
Invoice Total:				\$924.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICES

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK COMPLETED ON 3/3, 3/5, 3/6 & 3/12

Fund	82912	Dept	6010101
Prog	149130	Acct	730660
Contract #	5469	Project	
Chap 20/21	21	Op Unit	
Approver	<i>[Signature]</i>		4/21/20

complete electrical construction

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

**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

82912 - 149090 - 730660 - 5469 - Ch. 21

v#7755 exp. 7/31/21

OMID

ONE PUBLIC WORKS DRIVE, BUILDING 95

WATERFORD, MI 48328-

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
920567	0	001	4/23/2020	4/28/2020	35884

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 SERVICES

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

complete electrical construction

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MOTOR CITY ELECTRIC TECHNOLOGIES INC.

AUTOMATION AND CONTROLS SOLUTIONS

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"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

82912 - 149090 - 730660 - 5469 - Ch. 21

v#7755 exp. 7/31/21

OMID

ONE PUBLIC WORKS DRIVE, BUILDING 95

WATERFORD, MI 48328-

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
920567	0	001	4/29/2020	4/30/2020	35888

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 SERVICES

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

complete electrical construction

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"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

82912 - 149090 - 730660 - 5469 - Ch. 21**v#7755 exp. 7/31/21**

OMID

ONE PUBLIC WORKS DRIVE, BUILDING 95
WATERFORD, MI 48328-Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
920567	0	001	4/30/2020	4/30/2020	35889

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	\$115.50	-	\$115.50	\$115.50	-	-
Totals:		\$115.50		\$115.50	\$115.50		
Less Retained:				-			
Invoice Total:				\$115.50			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICES.

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT.

complete electrical construction

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NTH Consultants, Ltd.

Infrastructure Engineering and
Environmental Services

INVOICE

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

82912 - 149667 - 730639 - 2603

1-3019 - Ch. 21 - engcon

v#4716

exp. 12/31/21

li# 24138

JTB
5/11/20

Invoice # : 11
Project : 61-190078
Invoice Group : NI-EA
Invoice Date : 5/4/2020

Attention: Sid Lockhart

For Professional Services Rendered from

3/28/2020 - 4/24/2020

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 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

Preliminary Budget Amount **\$2,205,063.00**
Percent Complete: 48.70%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 13,766.08	\$ 169,468.81
Overhead %	188.00	25,880.23	318,601.40
Total Regular Labor Expense		39,646.31	488,070.21
Premium Labor Cost		0	0
Total Direct Labor		39,646.31	488,070.21
Profit / Fixed Fee %	12.00	4,757.56	58,568.42
Direct Expenses Charge		161.81	19,622.71
Expense Multiplier %	5.00	8.10	981.17
Direct Subcontractor Charge		46,432.33	478,049.90
Subcontractor/Subconsultant Multiplier %	6.00	2,785.95	28,683.04
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		49,388.19	527,336.82
Total Costs:		93,792.06	1,073,975.45
Total Due This Invoice		\$ 93,792.06	\$ 1,073,975.45

REMIT TO: NTH Consultants, Ltd. – 41780 Six Mile Road – Suite 200 – Northville MI – 48168-3459
Please include Project No. and Invoice No. on remittance.

TERMS: Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

Payment for all invoices is expected as per contract terms. All retainers are held and applied to final invoice for a project. Checks will be issued for any amounts collected as retainers that exceed the final invoice. Call 248-553-6300 with questions.



NTH Consultants, Ltd.

Infrastructure Engineering and
Environmental Services

INVOICE

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

82912 - 149662 - 730639 - 2603 - 1-3015

Ch. 21 - engcon

v# 4716

exp. 12/31/21

li# 24138

John R.

5/11/20

Invoice # : 15

Project : 61-190044

Invoice Group : REPAIRS

Invoice Date : 5/4/2020

Attention: Sid Lockhart

For Professional Services Rendered from

03/28/2020 - 04/24/2020

OMID System Immediate Repairs

AMP/Inspection Reports (Task 01)

\$4,687.37

Rehabilitation Design (Task 02)

\$71,617.66

Construction Observation (Task 03)

\$178,109.97

\$254,315.00

Analysis of Costs

This Invoice

Cumulative

Direct Salaries (Task 01 & 02)

\$ 307.79

\$ 23,178.81

Overhead %

188.00 578.65

43,576.16

Total Regular Labor Expense

886.44

66,754.97

Premium Labor Cost

0

0

Total Direct Labor

886.44

66,754.97

Profit / Fixed Fee %

12.00 106.37

8,010.59

Direct Expenses Charge

0.00

330.08

Expense Multiplier %

5.00 0.00

66.51

Direct Subcontractor Charge

0.00

8,972.75

Subcontractor/Subconsultant Multiplier %

5.00 0.00

448.68

Direct Unit Rate Charge

0.00

0.00

Total Other Direct Charges Reimbursables

0.00

9,818.02

Total Costs:

992.81

84,583.58

Total Due This Invoice

\$ 992.81

\$ 84,583.58

REMIT TO: NTH Consultants, Ltd. - 41780 Six Mile Road - Suite 200 - Northville MI - 48168-3459

Please include Project No. and Invoice No. on remittance.

TERMS: Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

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

OMI Drain Drainage District 84915 - 149015 - 731906 - 2603
 One Public Works Drive 1-2708 - Ch. 21 - std
 Building 95 West v# 4716
 Waterford, MI 48328 exp. 12/31/21
 Attention: Sid Lockhart li# 24138

Invoice # : 7
 Project : 61-190306
 Invoice Group : NESPS
 Invoice Date : 5/4/2020

5/11/20

For Professional Services Rendered from 2/22/2020 - 4/24/2020

Additional OMID Construction Material Testing Services for the Northeast Sewage Pump Station Odor/Corrosion Control System Project

Task 01 NESPS Construction Material Testing \$32,862.00

Preliminary Budget Amount \$32,862.00
 Percent Complete: 93.04%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 290.38	\$ 7,411.39
Overhead %	188.00	545.91	13,933.42
Total Regular Labor Expense		836.29	21,344.81
Premium Labor Cost		0	0
Total Direct Labor		836.29	836.29
Profit / Fixed Fee %	12.00	100.35	2,561.37
Direct Expenses Charge		228.57	6,350.47
Expense Multiplier %	5.00	11.43	317.53
Direct Subcontractor Charge		0.00	0.00
Subcontractor/Subconsultant Multiplier %	6.00	0.00	0.00
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		240.00	6,668.00
Total Costs:		1,176.64	30,574.18
Total Due This Invoice		\$ 1,176.64	\$ 30,574.18

REMIT TO: NTH Consultants, Ltd. - 41780 Six Mile Road - Suite 200 - Northville MI - 48168-3459
 Please include Project No. and Invoice No. on remittance.

TERMS: Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

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**NTH Consultants, Ltd.**Infrastructure Engineering and
Environmental Services**INVOICE****OMI Drain Drainage District
One Public Works Drive
Building 95 West
Waterford, MI 48328**

82912 - 149667 - 731444 - 2603 1-3019 - Ch. 21 -

engcon

v#4716

exp. 12/31/21

li# 24138

Invoice #: 1

Project: 61-190439

Invoice Group: CS9

Invoice Date: 5/4/2020

Attention: Sid Lockhart

JTB 5/11/20**For Professional Services Rendered from****Inception - 4/24/2020**

Provide engineering services for the design of a new hydraulic control gate to be installed in the existing OMID Control Structure No. 9(CS-9).

Task 01 Gate Design \$189,426.00

Preliminary Budget Amount \$189,426.00
Percent Complete: 40.46%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 4,527.09	\$ 4,527.09
Overhead %	188.00	8,510.93	8,510.93
Total Regular Labor Expense		13,038.02	13,038.02
Premium Labor Cost		0	0
Total Direct Labor		13,038.02	13,038.02
Profit / Fixed Fee %	12.00	1,564.56	1,564.56
Direct Expenses Charge		114.07	114.07
Expense Multiplier %	5.00	5.71	5.71
Direct Subcontractor Charge		58,422.85	58,422.85
Subcontractor/Subconsultant Multiplier %	6.00	3,505.37	3,505.37
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		62,048.00	62,048.00
Total Costs:		76,650.58	76,650.58
Total Due This Invoice		\$ 76,650.58	\$ 76,650.58

REMIT TO: NTH Consultants, Ltd. - 41780 Six Mile Road - Suite 200 - Northville MI - 48168-3459
Please include Project No. and Invoice No. on remittance.

TERMS: Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

Payment for all invoices is expected as per contract terms. All retainers are held and applied to final invoice for a project. Checks will be issued for any amounts collected as retainers that exceed the final invoice. Call 248-553-6300 with questions.



Standby Generator Systems

We Bring Home Peace of Mind

28294 Beck Road Wixom, MI 48393

800-419-5199 FAX (248) 374-6402

www.PMTech.org

Invoice

Date

Invoice #

4/15/2020

0000137255

Bill To:

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

Fund	82912	Dept	6010101
Prog	149090	Acct	730660
Contract #	5821	Project	
Chap 20/21	21	Op Unit	
Approver	4/21/20		

Site Address:

Main Tab

v# 238

exp. 6/28/22

li# 42705

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
Service Call - Provide and Install new locks on switchgear cabinets	1.00	185.00	185.00
Labor	1.00	115.00	115.00
Keyed Alike Locks	24.00	5.34	128.16
4/14/2020	1.00		
	1.00		

Visa, Master Card, Discover or American Express 3% processing fee added to total over \$2,000

Subtotal \$428.16

Sign: _____ Inv # _____

Sales Tax \$0.00

Card #: _____

Balance Due  \$428.16

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.



PMA Consultants

226 W. Liberty Street ■ Ann Arbor, MI 48104

Tel: 734.769.0530 ■ Fax: 734.663.9561

Oakland-Macomb Interceptor Drainage District
Sid Lockhart-Oakland County Water Resources
One Public Works Drive
Building 95-West
Waterford, MI 48328

May 5, 2020

Invoice No: 03559.00 - 89

82912 - 149667 - 731444 - 5158 - 1-3020 - Ch. 21 - engcon

v# 16918

exp. 6/30/20

5/6/20

Project 03559.00 Oakland-Macomb Interceptor Drainage

Professional Services from April 1, 2020 to April 30, 2020

Task 9.0 NESPS Mechanical and Electrical Upgrades

Professional Personnel

	Hours	Rate	Amount
Zann, John	14.00	93.50	1,309.00
Totals	14.00		1,309.00
Total Labor			1,309.00

Additional Fees

Overhead	149.10 % of 1,309.00	1,951.72
Profit	10.00 % of 3,260.72	326.07
Total Additional Fees		2,277.79

Total this Task \$3,586.79

Total this Invoice \$3,586.79

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.



PMA Consultants

226 W. Liberty Street ■ Ann Arbor, MI 48104

Tel: 734.769.0530 ■ Fax: 734.663.9561

Oakland-Macomb Interceptor Drainage District
Sid Lockhart-Oakland County Water Resources
One Public Works Drive
Building 95-West
Waterford, MI 48328

April 7, 2020

Invoice No:

03559-88

v#16918

exp. 6/30/20

Project 03559 Oakland-Macomb Interceptor Drainage

Professional Services from March 1, 2020 to March 31, 2020

Task 9.0 NESPS Mechanical and Electrical Upgrades

Professional Personnel

	Hours	Rate	Amount	
Zann, John	8.00	93.50	748.00	
Totals	8.00		748.00	
Total Labor				748.00

Additional Fees

Overhead	149.10 % of 748.00	1,115.27	
Profit	10.00 % of 1,863.27	186.33	
Total Additional Fees		1,301.60	1,301.60

Total this Task \$2,049.60

Total this Invoice \$2,049.60

Fund	82912	Dept	6010101
Prog	149667	Acct	731444
Contract #	5158	Project	1-3020
Chap 20/21	21	Op Unit	engcon
Approver	J. R. 4/21/20		

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.



46400 CONTINENTAL DR
CHESTERFIELD, MI 48047-5206
PH 586-840-3200 FX 586-840-3201

REMIT TO
Premier Safety
PO Box 33757
Detroit MI 48232-3757

Sales Invoice

INVOICE #	04174529
LOCATION	04
DATE	03/03/20
PAGE	1 of 2

BILL TO

1001400
OAKLAND CTY WATER RES-WATERFOR
ATTN:****EMAIL INVOICES****
522 S OPDYKE RD
PONTIAC, MI 48341-3120

SHIP TO

OAKLAND COUNTY DRAIN COMMISSION
DEBBIE SEDAM
522 S OPDYKE RD
PONTIAC, MI 48341-3120

ORDER NUMBER 04110852	ORDER DATE 02/24/20	CUSTOMER P/O NUMBER 869911	PAYMENT TERMS NET 30 DAYS
CUSTOMER SALES REP BLAKE DEHART PH: 586-840-3200	CONTACT DEBBIE SEDAM	SHIP VIA UPS GROUND	
FREIGHT TERMS PREPAY & ADD	JOB NUMBER	SALES PERSON AARON JACOB	

PRODUCT/DESCRIPTION	QUANTITY OPEN	QUANTITY SHIPPED	QUANTITY BACKORDERED	PRICE	U/M	EXTENSION
RKI72-0314RKC GX-2009 LEL/O2/H2S/CO W/115VAC CHARGER	2	2	0	525.0000	EA	1,050.00
RKI49-2020RK 12 VDC ADAPTER FOR GX2009, 2012, GAS TRACER	2	2	0	24.0000	EA	48.00
HON975647 EBA-10 ESCAPE BREATHING APPARA 10-MIN ALUM CYL(3000 PSI)HOOD	2	2	0	730.6000	EA	1,461.20
HON975647 EBA-10 ESCAPE BREATHING APPARA 10-MIN ALUM CYL(3000 PSI)HOOD	1	1	0	730.6000	EA	730.60
FT7008B HARNESS, W/BACK DRING, TONGUE BUCKLE LEGS, QC CHEST	3	3	0	89.0000	EA	267.00

Fund	82912	Dept	6010101
Prog	149090	Acct	750294
Contract #	5639	Project	
Chap 20/21	21	Op Unit	
Approver	JLR 3/16/20		

MERCHANDISE TOTAL	FREIGHT & HANDLING	MISC CHARGE	TAX	INVOICE TOTAL
3,556.80	67.70	0.00	0.00	3,624.50

PAYMENT APPLIED	0.00
CREDIT APPLIED	0.00
BALANCE DUE	3624.50

Premier Safety The smart choice for safety and environmental solutions
Visit us online at www.PremierSafety.com



Rotor Electric Company of Michigan, LLC.

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

82912 - 149090 - 730660 - 5807 - Ch. 21

v# 22125

exp. 6/28/22

INVOICE

5/6/20

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328

Customer
PO Number
Professional Services Contract

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	10/7/2019	10/24/2019	12232

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
031	SWITCHGEAR MAINTENANCE AND TESTING	\$1,125.29	*	\$1,125.29	\$1,125.29	*	*
Totals:		\$1,125.29		\$1,125.29	\$1,125.29		
Less Retained:				*			
Invoice Total:				\$1,125.29			

INSPECT/REPAIR DAMAGED OR WORN EXTERIOR RECEPTACLE.

DISCONNECT POWER TO EXTERIOR LIGHT BEHIND THE SUPPLY FAN.

complete electrical construction

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Rotor Electric Company of Michigan, LLC.

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DETROIT, MI 48213-1151
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"AN EQUAL OPPORTUNITY EMPLOYER"

82912 - 149090 - 730660 - 5807 - Ch. 21

v# 22125
exp. 6/28/22

John Brown

INVOICE

5/6/20

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328

Customer
PO Number
Professional Services Contract

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	10/12/2019	10/24/2019	12233

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$1,732.00		\$1,732.00	\$1,732.00		
Totals:		\$1,732.00		\$1,732.00	\$1,732.00		
Less Retained:							
Invoice Total:				\$1,732.00			

INVESTIGATE/REPAIR MULTIPLE TRIPS ON PUMPS 5 & 6.

complete electrical construction

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Rotor Electric Company of Michigan, LLC.

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

82912 - 149090 - 730660 - 5807 - Ch. 21

v# 22125
exp. 6/28/22

Joel Brown

INVOICE

5/6/20

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contract

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	2/19/2020	4/16/2020	12316

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$4,579.75	-	\$4,579.75	\$4,579.75	-	-
	Totals:	\$4,579.75		\$4,579.75	\$4,579.75		
	Less Retained:			-			
	Invoice Total:			\$4,579.75			

TR

UNIT SUBSTATION REMOVAL

complete electrical construction

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Rotor Electric Company of Michigan, LLC. 82912 - 149090 - 730660 - 5807 - Ch. 21

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

v#22125
exp.
6/28/22

Joel Brown

5/11/20

INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contract

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	4/15/2020	4/23/2020	12318

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$1,161.00	-	\$1,161.00	\$1,161.00	-	-
	Totals:	\$1,161.00		\$1,161.00	\$1,161.00		
	Less Retained:			-			
	Invoice Total:			\$1,161.00			

CONSTRUCTION PROJECT
SUBSTATION SHUTDOWN SUPPORT

complete electrical construction

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

Project Application and Project Certificate for Payment, Construction Manager as Adviser Edition

TO OWNER: PROJECT: OMIDDD NESPS Mech. And Elec. Improvements APPLICATION NO: 220008 Pre-Con 3 Distribution to:
Oakland Macomb Interceptor Drain Drainage District c/o Oakland County WRC PERIOD TO: 4/24/2020 OWNER: ☒
One Public Works Drive, Building 95 West Waterford, MI 48328-1907 OMIDDD Proj# 1-3020 CONSTRUCTION MANAGER: ☒
ATTENTION: VIA CONSTRUCTION MANAGER: FUND 82912 PROGRAM: 149667 ARCHITECT: ☐
Joel T. Brown P.E. CJ Pokorny ACCOUNT 730373 OTHER: ☐
Walsh Construction Company II, LLC 3031 West Grand Blvd. Ste.640 ACTIVITY ENGCON
Detroit, MI 48202 VENDOR ID 23191 LINE ITEM 43331 Expiration: 12/16/2022

PROJECT APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Project AIA Document G703, Schedule of Values, is attached for payment

1. TOTAL CONTRACT SUMS (Item D Totals)	\$ 570,000.00
2. TOTAL NET CHANGES BY CHANGE ORDERS	\$4,560.00
3. TOTAL CONTRACT SUM TO DATE	\$ 574,560.00
4. TOTAL COMPLETED & STORED TO DATE (Item G Totals)	\$ 452,566.75
5. LESS PREVIOUS TOTAL PAYMENTS (Item J Totals)	\$363,852.00
6. CURRENT PAYMENT DUE (Item A Totals)	\$ 88,714.75

The undersigned Construction Manager certifies that to the best of its knowledge, information and belief this Project Application for Payment is an accurate compilation of the Contract's Application for Payment, attached hereto.

CONSTRUCTION MANAGER:

By: C.J. Pokorny

Date: 5-11-20

State of:

County of:

Subscribed and sworn to before me this

day of

Notary Public:

My Commission expires:

PROJECT CERTIFICATE FOR PAYMENT

JTB 5/11/20

In accordance with the Contract Documents, based on evaluation of the work and the data compromising this Application, the Construction Manager certifies to the Owner that to the best of its knowledge, information and belief the Work has progressed as indicated; the quality of the Work is in accordance with the Contract Documents; and the Construction Manager recommends to the Owner and Architect that the Contractors be paid the AMOUNTS set forth in the attached Schedule of Values for Payment.

TOTAL OF AMOUNTS CERTIFIED

CONSTRUCTION MANAGER:

By: C.J. Pokorny

Date: 5-11-20

In accordance with the Contract Documents, based on evaluation of the work and the data compromising this Application, the Construction Manager's recommendation, the Architect certifies to the Owner that to the best of its knowledge, information and belief the Work has progressed as indicated; the quality of the Work is in accordance with the Contract Documents; and the Contractors are entitled to payments of the AMOUNTS set forth in the attached Schedule of Values for Payment.

ARCHITECT:

By:

Date:

Julie A Haydon
5-11-2020



Agenda Item No. 14

**PMA Consultant's
Professional Services Contract**



Oakland-Macomb Interceptor Drain Drainage District

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

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

SUBJECT: PMA Consultant's Professional Services Contract for NESPS Mechanical and Electrical Upgrades Project and the NI-EA Rehabilitation Project Scheduling Services

DATE: May 20, 2020

As the Board is aware, the design effort has been ongoing for both the Northeast Sewage Pumping Station Mechanical and Electrical Upgrades and the North Interceptor-East Arm Rehabilitation projects. As the design phases come to conclusion, a more extensive effort is needed to solidify construction schedules and equally as important, the coordination of bond timing to supply the necessary funding for the project. In addition, there will be a substantial need during the construction phase to review monthly schedules for shortcomings and issues as work progresses to avoid delays or coordination issues.

Due to the complexity of both projects in terms of flow control, pre-procurement processes, multiple bond issuances and the actual physical construction work, it is prudent to enlist the assistance of professional scheduling services to actively assist the OMIDDD in determining and reviewing project scheduling. The OMIDDD has an existing blanket Contract #5158 with PMA Consultants to be able to provide such services. However, Contract #5158 is set to expire on June 30, 2020. Due to the size and scope of the NESPS Mechanical and Electrical Upgrades and the NI-EA Rehabilitation projects, we believe it is more efficient to generate a new contract that directly ties PMA's services to these projects rather than extend and modify the existing blanket contract. The new contract encompasses the entire duration of both projects, which is expected to run through the end of 2023. The specific services PMA will be performing for these projects include but are not necessarily limited to the following as established in their May 15, 2020 proposal:

- Assistance with revising the scheduling specifications in the construction bid documents.
- Review and comparison of the contractor bid schedules, and attendance at post-bid and pre-construction meetings, as necessary.
- Assist with bond sequencing and scheduling to match required project resources
- Detailed review of the project baseline schedule.
- Attendance at regular progress meetings.
- Review and comments on monthly contractor schedule updates.
- Assistance with schedule extension claims by the contractor.
- Other scheduling tasks, as necessary

PMA's fees for these services are estimated not-to-exceed \$450,000. The attached contract has been created for these services and fees subject to the pricing and scope delineated in their proposal. Funding will be provided through existing design funds and future project bonding.

RECOMMENDED ACTION: Approve the attached Professional Service Contract to PMA Consultants to perform program and project management scheduling services on an as-needed basis for a not-to-exceed amount of \$450,000.

OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT

PROFESSIONAL SERVICES CONTRACT

Date through Date: May __, 2020 – May __, 2023

Contract - NOT TO EXCEED AMOUNT \$450,000.00

A Non-Purchasing Contract

This "Contract" made this __ day of May, 2020 between the OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT, a Chapter 21 drain formed pursuant to Public Act 40 of 1956, as amended, hereinafter called "OMID", by and through its Secretary, the Oakland County Water Resources Commissioner, and PMA CONSULTANTS, LLC (as further described in the following Table) and herein after referred to as "Consultant." In this Contract, either Consultant or the OMID may also be referred to individually as a "Party" or jointly as the "Parties."

<p>OMIDDD By the Water Resources Commissioner One Public Works Drive Waterford, MI 48328 248-858-0958 (herein, the "OMID")</p>	<p>PMA CONSULTANTS, LLC One Woodward Avenue, Suite 1400 Detroit, MI 48226 Tel: (313)963-8863 Fax: (313)963-8918 (herein the "Consultant")</p>
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This Contract is organized and divided into the following "Section" or "Sections" for the convenience of the Parties.

- Section 1. CONTRACT DOCUMENTS AND DEFINITIONS
- Section 2. CONTRACT EFFECTIVE DATE, EARLY TERMINATION; DRAINAGE DISTRICTS
- Section 3. SCOPE OF CONSULTANT'S SERVICES
- Section 4. OMID PAYMENT OBLIGATION FOR CONSULTANT'S SERVICES
- Section 5. CONSULTANT ASSURANCES AND WARRANTIES; CONFIDENTIALITY
- Section 6. CONSULTANT PROVIDED INSURANCE AND INDEMNIFICATION
- Section 7. GENERAL TERMS AND CONDITIONS

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

SECTION 1. CONTRACT DOCUMENTS AND DEFINITIONS

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

- 1.1.** The term "Agreement" shall be defined as this Contract and the Attachments annexed hereto. Further, any mutually agreed to written amendments by the Parties shall also be included within the definition of "Agreement."
 - 1.2.** The term "OMID" shall be defined as "Oakland-Macomb Interceptor Drain Drainage District," whose address is One Public Works Drive, Waterford, Michigan 48328. The term OMID shall include any and all OMID appointed officials, directors, board members, council members, Water Resources Commissioner, committees employees, departments, divisions, volunteers, representatives, and/or any such persons, successors (whether such persons act or acted in their personal representative or official capacities), including any person who fell within the definition of the OMID anytime during the term of this Agreement but, for any reason, is no longer employed, appointed, or elected and serving, and excluding the Consultant as defined herein.
 - 1.3.** The term "Consultant" shall be defined, for purposes of this Agreement, to include, without limitation, any and all employees, officers, directors, members, managers, and representatives of the Consultant, and shall also include, to the extent that they are involved in the provision of any services set forth in this Agreement, any and all Consultant licensees, and/or any such persons, successors or predecessors, employees, (whether such persons act or acted in their personal, representative or official, capacities), and/or any and all persons acting by, through, under, or in concert with any of them and/or the Consultant.
 - 1.4.** The term "Contract Administrator" or "the OMID's Contract Administrator" shall be defined as the person or persons identified by the OMID from time to time to administer the duties imposed upon the OMID through this Agreement.
 - 1.5.** "Contract Documents" shall include this Contract and fully incorporates herein all of the following documents:
 - 1.5.1 Exhibit I: Proposal Letter by PMA Consultants, LLC dated May 15, 2020**
 - 1.6.** The term "Manager" or "the Contract Manager" shall be defined as the person or persons identified by the Consultant from time to time to coordinate with the OMID's Contract Administrator the Consultant's provision of services required by this Agreement.
 - 1.7.** "Claims" means any alleged losses, claims, complaints, demands for relief or damages, suits, causes of action, proceedings, judgements, deficiencies, liability, penalties, litigation, costs, and expenses, including, but not limited to, reimbursement for reasonable Consultant fees, witness fees, court costs, investigation expenses, litigation expenses, amounts paid in settlement, and/or other amounts or liabilities of any kind which are imposed on, incurred by, or asserted against the OMID, or for which the OMID may become legally and/or contractually obligated to pay or defend against, whether direct, indirect or consequential, whether based upon any alleged violation of the federal or the State constitution, any federal or State statute, rule, regulation, or any alleged violation of federal or State common law, whether any such claims are brought in law or equity, tort, contract, or otherwise, and/or whether commenced or threatened.
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- 1.8. "Day" means any calendar day, which shall begin at 12:00:01 a.m. and end at 11:59:59 p.m.

SECTION 2. CONTRACT EFFECTIVE DATE, EARLY TERMINATION

- 2.1 The effective date of this Agreement shall be the date which appears on the first page, and unless otherwise terminated or canceled as provided below, it shall end at 11:59:59 p.m. on the "Contract Expiration Date" shown on the first page of this Contract, at which time this Agreement expires without any further act or notice of either Party being required. Except as otherwise expressly provided for herein, this Agreement and/or any proposed amendments to this Agreement, shall not be effective or binding, and no payments shall be due or made to Consultant for any Services until and unless:
- 2.1.1 This Agreement is signed by the Consultant, specifically by an individual who is legally authorized to bind the Consultant.
- 2.1.2 Any and all required Certificates of Insurance, for Consultant purchased insurance as required in this Agreement, have been delivered to the OMID and/or its Agents as provided herein and any other conditions precedent to the Agreement have been submitted and accepted by the OMID.
- 2.2. The OMID may terminate and/or cancel this Agreement (or any part thereof) at any time during the term, any renewal, or any extension of this Agreement, upon written notice to the Consultant, for any reason, including convenience without incurring any obligation or penalty of any kind. The effective date for termination or cancellation shall be clearly stated in the written notice.
- 2.2.1 The OMID's sole obligation in the event of termination is for payment for actual services rendered by the Consultant before the effective date of termination. Under no circumstances shall the OMID be liable for any future loss of income, profits, any consequential damages or any loss of business opportunities, revenues, or any other economic benefit Consultant may have realized but for the termination and/or cancellation of this Contract. The OMID shall not be obligated to pay Consultant any cancellation or termination fee if this Contract is cancelled or terminated as provided herein.
- 2.3. Consultant may terminate and/or cancel this Contract (or any part thereof) at any time upon thirty (30) days' written notice to the OMID.

SECTION 3. SCOPE OF CONSULTANT'S SERVICES

The Consultant will provide to the OMID some, or all, of the services as set forth in and this Agreement, as may be amended or changed as set forth herein.

3.1 PROPOSED SERVICES

- 3.1.1. The Consultant will provide professional scheduling management consulting services including project controls, schedule reviews, cost estimating, cost management, and monitoring services, as directed by OMID in order to assist the OMID in completing OMID projects.
- 3.1.2. Consultant will provide program and project management services during every phase of construction, as needed. Examples of these services include, but are not limited to, providing a well-controlled

construction schedule to keep contractor tasks on time; providing the value add by recognizing potential delay areas so as to keep forward momentum on the projects; ensuring that the amount paid to contractors was representative of actual work completed, helping to keep the project in budget; assisting with bond scheduling; and analyzing delay claims allowing OMID to make more accurate decisions on claims to result in cost savings.

3.2 CONSULTANT PERSONNEL

- 3.2.1. The Consultant will assign a Contract Manager to the OMID. This person will coordinate activities with the OMID's Contract Administrator.

3.3 EXPENSES

- 3.3.1 It is understood by the OMID that the Consultant's expenses are set forth in Exhibit I. The expenses set forth in Exhibit I are not subject to change without prior written consent of the OMID.

SECTION 4. OMID PAYMENT OBLIGATIONS FOR CONSULTANT'S SERVICES

- 4.1 Pricing.** The OMID agrees that as compensation for all services rendered through this Agreement, the OMID will pay a rate in accordance the fees and costs provided in Exhibit I.
- 4.2** In no event shall the OMID's amount due and owing the Consultant for any and all services rendered exceed the amount identified as the "NOT TO EXCEED AMOUNT" on the first page of this Contract. The Consultant shall be obligated to suspend services under this Contract in the event the Consultant can reasonably foresee the total billings for its services will exceed this NOT TO EXCEED AMOUNT. The Consultant shall provide the OMID with written notice of this contingency at least 15 days before this event.
- 4.3** On or before the 15th of each month during the term of this Contract, the Consultant shall submit to the Contract Administrator an invoice for payment for the work performed during the preceding calendar month. The OMID shall have no obligation to make payment until a proper invoice of service is submitted. The OMID reserves the right to make partial payments on account of the amount due the Consultant as the work progresses.
- 4.4** Under no circumstances shall the OMID be responsible for any cost, fee, fine, penalty, or direct, indirect, special, incidental or consequential damages incurred or suffered by Consultant in connection with or resulting from the Consultant's providing any services under this Contract.
- 4.5** The OMID has the right to offset any amounts due and owing to the Consultant should the OMID incur any cost associated with this Contract that is the obligations of Consultant under this Contract.
- 4.6** Unless expressly provided herein, this Contract does not authorize or require any IN-KIND services be provided by the OMID or any OMID Agent for the Consultant.

SECTIONS.

CONSULTANT'S ASSURANCES AND WARRANTIES;
CONFIDENTIALITY

- 5.1. General Warranty. The Consultant acknowledges that the OMID is relying on the Consultant's professional skill and judgment to provide the services set forth in this Agreement. Consultant warrants that the services required of Consultant will be performed in a satisfactory manner conforming to the current standard of care and practice commensurate with that expected for comparable services in size, scope and complexity from an experienced professional consulting firm in the same locale. The Consultant further warrants that each of Consultant's employees assigned to perform any work hereunder, shall have the proper skills, training, and background so as to be able to perform in a competent and professional manner and that all work will be so performed.
- 5.2. Business and Professional Licenses. The Consultant will obtain and maintain at all times during the term of this Contract all applicable business and professional licenses necessary to provide the contracted services.
- 5.3. Equipment and Supplies. The Consultant is responsible for providing equipment and supplies not expressly required to be provided by the OMID herein. Except as expressly provided herein, the OMID shall not be liable for any expenses incurred by the Consultant in performing services for the OMID.
- 5.4. Taxes. The Consultant pays, and will continue to pay, its own local, state and federal taxes, including without limitation, social security taxes, and unemployment compensation taxes, and will file its own annual and/or quarterly tax returns with the proper federal, state and local authorities. Unless expressly agreed to otherwise in this Contract, the OMID shall not be liable to or required to reimburse the Consultant for any federal, state and local taxes or fees of any kind.
- 5.5. Consultant's Incidental Expenses. Except as expressly provided in this Contract, the Consultant shall be solely responsible and liable for all costs and expenses incident to the performance of all services for the OMID including, but not limited to, any professional dues, association fees, license fees, fines, taxes, and penalties.
- 5.6. Consultant Employees.
- 5.6.1 Consultant shall employ and assign qualified employees as necessary and appropriate to provide the services under this Contract. Consultant shall ensure all its employees have all the necessary knowledge, skill, and qualifications necessary to perform the required services and possess any necessary licenses, permits, certificates, and governmental authorizations as may required bylaw.
- 5.6.2 Consultant shall solely control, direct and supervise all its employees with respect to all Consultant obligations under this Contract. Consultant will be solely responsible for and fully liable for the conduct and supervision of any its employees.
- 5.6.3 All employees of Consultant assigned to provide services under this Contract by the Consultant shall, in all cases, be deemed employees of the Consultant and not employees, agents of the OMID. Nothing in this Contract is intended to establish an employer-employee between the OMID and the Consultant or any employee of Consultant.
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- 5.7. Employee-Related Expenses. Any and all employees of Consultant shall be employed at the Consultant's own and sole expense (including employment related taxes and insurance) and the Consultant warrants that its employees shall fully comply with and adhere to all of the terms of this Contract. Consultant shall indemnify and hold the OMID harmless in any Claim against the OMID by any employee of Consultant for any wages or benefits including, but not limited to, Worker's Compensation, salary, profit sharing, bonuses, retirement benefits, pension, vacation pay, sick pay, merit increases, annual leave days, promotion, disability pay, or other insurance of any kind, or any other rights or liabilities arising out of any contract for hire or employer-employee relationship between the Consultant and its employees.

SECTION 6. CONSULTANT PROVIDED INDEMNIFICATION AND INSURANCE

6.1. Indemnification.

- 6.1.1 Consultant upon prompt written notice shall, indemnify, and hold the OMID harmless from any and all damages, costs and expenses resulting from third party Claims made against OMID incurred in connection with the performance of Consultant's Services during the term of the Contract to the extent caused by the negligent acts, performances, errors, or omissions of Consultant or Consultant's Employees, including, without limitation, all Claims resulting from injury or death of any person or damage to any property. Consultant's indemnification obligations shall be equal to and not in excess to its proportional share of the total amount of damages, losses, costs and expenses that are equal to Consultant's relative degree of fault.
- 6.1.2 The indemnification rights contained in this Contract are limited to the valid and collectible insurance rights/policies.
- 6.1.3 Consultant shall have no rights against the OMID for any indemnification (e.g., contractual, equitable, or by implication), contribution, subrogation, and/or any other right to be reimbursed by the **OMID** except as expressly provided herein.
- 6.1.4 Consultant waives and releases all actions, liabilities, loss and damage including any subrogated rights it may have against the OMID based upon any Claim brought against the OMID suffered by a Consultant Employee.
- 6.1.5 Consultant Provided Insurance. At all time during this Contract, Consultant shall obtain and maintain the insurance requirements contained in Exhibit II, including Professional Liability.
- 6.15.1 All Certificates are to provide 30 days notice of material change or cancellation. If requested, Certificates of Insurance and insurance binders must be provided no less than ten (10) working days before commencement of work to the Oakland County Water Resources Commissioner's office. Insurance carriers are subject to the approval of Oakland OMID.

SECTION 7. GENERAL TERMS AND CONDITIONS.

- 7.1 Cumulative Remedies. A Party's exercise of any remedy shall not preclude the exercise of any other remedies, all of which shall be cumulative. A Party shall have the right, in its sole discretion, to determine which remedies are to be exercised and in which order.

- 7.2 Survival of Terms and Conditions. The following terms and conditions shall survive and continue in full force beyond the termination and/or cancellation of this Contract (or any part thereof) until the terms and conditions are fully satisfied or expire by their very nature:

"CONSULTANT'S ASSURANCES AND WARRANTIES";

"CONSULTANT PROVIDED INSURANCE AND INDEMNIFICATION";

Audit";

"Severability";

"Governing Law/Consent to Jurisdiction and Venue"; and

"Survival of Terms and Conditions".

- 7.3 OMID Right to Suspend Services. Upon written notice, the OMID may suspend performance of this Contract if Consultant has failed to comply with federal, state, or local laws, or any requirements contained in this Contract. The right to suspend services is in addition to the OMID's right to terminate and/or cancel this Contract. The OMID shall incur no penalty, expense, or liability to Consultant if the OMID suspends services under this Section.
- 7.4 No Third Party Beneficiaries. Except as provided for the benefit of the Parties, this Contract does not and is not intended to create any obligation, duty, promise, contractual right or benefit, right to be indemnified, right to be subrogated to the Parties' rights in this Contract, and/or any other right, in favor of any other person or entity.
- 7.5 Compliance with Laws. Consultant shall comply with all federal, state, and local laws, statutes, ordinances, regulations, insurance policy requirements, and requirements applicable to its activities under this Contract.
- 7.6 Permits and Licenses. Consultant shall be responsible for obtaining and maintaining throughout the term of this Contract all licenses, permits, certificates, and governmental authorizations necessary to perform all of its obligations under this Contract and to conduct business under this Contract. Upon request by the OMID, Consultant shall furnish copies of any permit, license, certificate or governmental authorizations necessary to provide services under this Contract.
- 7.7 Discrimination. Consultant agrees not to discriminate against any employee or applicant for employment because of sex, race, religion, color, national origin, or handicap in accordance with rules and regulations promulgated by Federal (Compliance Responsibility for Equal Employment Opportunity -- Chapter 60, 60-1, 4, No. 1-7) and State (Standards and Procedures for Executive Directive 1975-6, Section II-C, IV-C, and V-A&B) agencies and related Federal and State laws and regulations.
- 7.8 Consultant shall promptly notify the OMID of any complaint or charge filed and/or determination by any Court or administrative agency of illegal discrimination by Consultant.
- 7.9 The OMID, in its discretion, may consider any illegal discrimination described above as a breach of this Contract and may terminate or cancel this Contract immediately with written notice.

- 7.10 Reservation of Rights. This Contract does not, and is not intended to impair, divest, delegate, or contravene any constitutional, statutory, and/or other legal right, privilege, power, obligation, duty, or immunity of the OMID.
- 7.11 Force Majeure. Notwithstanding any other term or provision of this Contract, neither Party shall be liable to the other for any failure of performance hereunder if such failure is due to any cause beyond the reasonable control of that Party and that Party cannot reasonably accommodate or mitigate the effects of any such cause. Such cause shall include, without limitation, acts of God, fire, explosion, vandalism, any law, order, regulation, direction, action, or request of the United States government or of any other government (including state and local governments or of any department, agency, commission, court, bureau, corporation, or other instrumentality of any one or more of said governments), national emergencies, insurrections, riots, wars, strikes, lockouts, work stoppages, or other labor difficulties. Reasonable notice shall be given to the affected Party of any such event. The Consultant is expected, through insurance or alternative temporary or emergency service arrangements, to continue its obligations under this contract in the event of a reasonably anticipated, insurable business risk such as business interruption and/or any insurable casualty or loss.
- 7.12 Conflict of Interest. Pursuant to Public Act 317 and 318 of 1968, as amended (MCL 15.321, et seq.), no contracts shall be entered into between the OMID, including all agencies and departments thereof, and any OMID Agent. To avoid any real or perceived conflict of interest, Consultant shall identify any Consultant Employee or relative of Consultant's Employees who are presently employed by the OMID. Consultant shall give the OMID notice if there are any OMID Agents or relatives of OMID Agents who are presently employed by Consultant.
- 7.13 Project Managers. Each Party shall designate an employee or agent to act as a Project Manager. The Project Managers shall serve as contact point for all matters related to the Services to be performed under this Contract. The Consultant's Project Manager shall coordinate with the OMID's Project Manager. The Consultant shall provide the name and qualifications of its Project Manager and an alternate. The Consultant's Project Manager shall be available to the OMID at all times by telephone, during the course of project implementation and on-site within twenty-four (24) hours.
- 7.14 Dispute Resolution. All disputes arising under or relating to the execution, interpretation, performance, or nonperformance of this Contract involving or affecting the Parties may first be submitted to the respective Project Managers for possible resolution. The Project Managers may promptly meet and confer in an effort to resolve such dispute. If the Project Managers cannot resolve the dispute in five (5) business days, the dispute may be submitted to the signatories of this Contract or their successors in office. The signatories of this Agreement may meet promptly and confer in an effort to resolve such dispute.
- 7.15 Access and Records. Consultant will maintain accurate books and records in connection with the services provided under this Contract for 36 months after end of this Contract, and provide the OMID with reasonable access to such book and records.
- 7.16 Audit. Consultant shall allow the OMID's Auditing Division, or an independent auditor hired by the OMID, to perform finance compliance audits with the authority to access all pertinent records and interview any Consultant Employee throughout the term of this Contract, but no more frequently than once annually, and for a period of three years after final payment. Before such audit, the OMID shall give Consultant reasonable advance written notice of the intended audit.
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- 7.17 Consultant shall explain any audit finding, questionable costs, or other Contract compliance deficiencies to the OMID within forty-five (45) days of receiving the final audit report. Consultant's response shall include all necessary documents and information that refute the final audit report. Failure by Consultant to respond in writing within 45 days shall be deemed acceptance of the final audit report.
- 7.18 Within 45 days of Consultant's written response, the OMID shall notify Consultant in writing of its final determination and position. If the OMID concludes that Consultant owes any money to the OMID, the OMID will notify Consultant of the payment due under the Contract. If Consultant agrees with the OMID's audit findings, Consultant shall pay the OMID an amount, which the audit found, should have been paid to the OMID under this Contract. Consultant's payment to OMID must be made within sixty (60) days of written notice by the OMID that the money should have been paid to OMID under the Contract. In the event, Consultant disputes the OMID's audit findings, Consultant may hire an independent auditor to confirm the OMID's findings. Consultant shall pay the OMID any amounts that the Consultant audit found should have been paid to the OMID under this Contract. Consultant's payment to OMID shall be made within thirty (30) days of completion of the Consultant audit.
- 7.19 Non Exclusive Contract. No provision in this Contract limits, or is intended to limit, in any way the Consultant's right to offer and provide its services to the general public or other business entities, municipalities or governmental agencies, during or after the term of this Contract. Similarly, this Contract is a non-exclusive agreement, and the OMID may freely engage other persons to perform the same work that the Consultant performs. This Contract shall not be construed to guarantee the Consultant or any Consultant Employee any number of fixed or certain number or quantity of hours or services to be rendered to the OMID.
- 7.20 No Implied Waiver. Absent a written waiver, no act, failure, or delay by a Party to pursue or enforce any right or remedy under this Contract shall constitute a waiver of those rights with regard to any existing or subsequent breach of this Contract. No waiver of any term, condition, or provision of this Contract, whether by conduct or otherwise, in one or more instances, shall be deemed or construed as a continuing waiver of any term, condition, or provision of this Contract. No waiver by either Party shall subsequently affect its right to require strict performance of this Contract.
- 7.21 Reservation of Rights. The OMID reserves to itself any and all rights and obligations relating to its existence and operation as a constitutional corporation as provided for by law, and this Agreement does not, and is not intended to, diminish, delegate, divest, impair, or contravene any constitutional statutory, and/or other legal right, privilege, power, obligation, duty, capacity, immunity, or character of office of the OMID. In addition to the Consultant services rendered pursuant to this Agreement, the OMID, in its sole judgment and discretion and subject to its fiscal and staffing constraints, reserves the right to supplement any Consultant services, as solely deemed appropriate by the OMID. Consultant agrees to cooperate in all regards with the OMID or any OMID Agents, including any other possible OMID Consultants, in the provision of any such OMID authorized supplemental service or efforts.
- 7.22 Severability. If a court of competent jurisdiction finds a term, condition, or provision of this Contract to be illegal or invalid, then the term, condition, or provision shall be deemed severed from this Contract. All other terms, conditions, and provisions of this Contract shall remain in full force and effect. Notwithstanding the above, if Consultant's promise to indemnify or hold the
-

OMID harmless is found illegal or invalid, Consultant shall contribute the maximum it is permitted to pay by law toward the payment and satisfaction of any Claims against the OMID.

- 7.23 Captions. The section and subsection numbers, captions, and any index to such sections and subsections contained in this Contract are intended for the convenience of the reader and are not intended to have any substantive meaning and shall not be interpreted to limit or modify any substantive provisions of this contract. Any use of the singular or plural number, any reference to the male, female, or neuter genders, and any possessive or nonpossessive use in this contract shall be deemed the appropriate plurality, gender or possession as the context requires.
- 7.24 Notices. Notices given under this Contract shall be in writing and shall either be personally delivered, sent by express delivery service, certified mail, or first class U.S. mail postage prepaid, and addressed to the person listed below. Notice will be deemed given when one of the following occur: (1) the date of actual receipt; (2) the next business day when notice is sent express delivery service or personal delivery; or (3) three days after mailing first class or certified U.S. mail.
- 7.25 If notice is sent to the Consultant, it shall be addressed to:
- Robert G. Sanders
PMA Consultants
One Woodward Avenue, Suite 1400
Detroit, MI 48226
(313) 963-8863
rsanders@pmaconsultants.com
- 7.26 If notice is sent the OMID, it shall be addressed to:
- Oakland-Macomb Interceptor Drain Drainage District
c/o Oakland County Water Resources Commissioner
Attn: Sid Lockhart, P.E.
One Public Works Drive, Building 95-W
Waterford, MI 48328
lockharts@oakgov.com
- 7.27 Either Party may change the address or individual to which notice is sent by notifying the other party in writing of the change.
- 7.28 Contract Modifications or Amendments. Any modifications, amendments, recessions, waivers, or releases to this Contract must be in writing and agreed to by both Parties. Unless otherwise agreed, the modification, amendment, recession, waiver, or release shall be signed by an expressly authorized Consultant Employee and by the same person who signed the Contract for the OMID or other OMID Agent.
- 7.29 Precedence of Documents. In the event of a conflict between the terms and conditions in any of the documents comprising this Contract, the conflict shall be resolved as follows:
- The terms and conditions contained in this main Contract document shall prevail and take precedence over any allegedly conflicting provisions in all other Exhibits or documents.
- 7.30 Governing Laws/Consent to Jurisdiction and Venue. This Contract shall be governed, interpreted, and enforced by the laws of the State of Michigan. Except as otherwise required by law or court
-

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

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

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

FOR THE CONTRACTOR:

BY: 

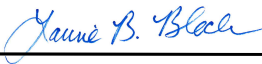
DATE: May 15, 2020

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

Subscribe and sworn to before me on this 15th day of May, 2020.

LAURIE B. BLACKER
NOTARY PUBLIC, STATE OF MICHIGAN
COUNTY OF WAYNE
My Commission Expires October 3, 2020
Acting in the County of Wayne




Laurie B. Blacker
Notary Public, State of Michigan
Wayne County

My Commission Expires: 10/3/2020

Acting in the County of Wayne

FOR THE DRAINAGE DISTRICT:

BY: _____

DATE: _____

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

APPROVED AS TO SCOPE OF CONTRACTOR SERVICES:

BY: 

DATE: 5/18/20

EXHIBIT I
SCOPE OF CONSULTANT'S SERVICES



May 15, 2020

Mr. Sid Lockhart, P.E.
Oakland County WRC
One Public Works Drive, Bldg 95W
Waterford, MI 48328
Via e-mail: lockharts@oak.gov

Subject: ***OMID – Extension of Professional Services Contract***

Dear Mr. Lockhart:

Thank you for the opportunity to provide this proposal for a new Professional Services Contract for the OMID Projects. Our contract is currently for services through June 30, 2020. The new contract will be for services on the NESPS Mechanical and Electrical Upgrades Project and on the NI-EA Phase I and Phase II Projects.

Project Durations

- The NESPS project, which is in progress, and is expected to be complete in January 2023
- The NI-EA Phase I project is expected to start in October 2020 and finish in October 2022
- The NI-EA Phase II project is expected to start in October 2021 and finish in October 2023

Project Scope

As your scheduling consultant, our scope will include:

- Assistance with revising the scheduling specifications in the construction bid documents, for the NI-EA projects.
- Review and comparison of the contractor bid schedules, and attendance at post-bid and pre-construction meetings, as necessary, for the NI-EA projects.
- Detailed review of the project baseline schedules for the NESPS and NI-EA projects.
- Attendance at regular progress meetings for the NESPS and NI-EA projects.
- Review and comments on monthly contractor schedule updates for the NESPS and NI-EA projects.
- Assistance with schedule extension claims by the contractors on any of the projects.
- Assistance with bond scheduling.
- Other scheduling tasks, as necessary.

Staffing

John Zann will continue as the project lead at a 2020 base rate of \$94/hr, plus 149.10% overhead and 10% profit. The rate includes local travel expenses and will be subject to a modest annual escalation, starting in 2021. Additional PMA staff to support this work, as applicable, will be subject to review and approval. It is anticipated that the total fee for this work will be approximately \$450,000 and the contract will run through May 2023.



If you need any additional information regarding this proposal, please contact me at 313.681.5128 (office) / 313.407.7752 (cell) or by email at rsanders@pmaconsultants.com. To authorize PMA, please sign below and return a copy to the address noted above. We look forward to continuing our work with you on this important project.

Sincerely,

Robert G Sanders
Executive Director

I hereby authorize the proposed services and budget, and I authorize PMA to proceed with the proposal identified above.

Mr. Sid Lockhart, P.E.
WRC

Date

EXHIBIT II

CONSULTANT INSURANCE REQUIREMENTS

1. At all times during this Contract, including renewals or extensions, Consultant shall obtain and maintain insurance according to the following specifications:
 - a. Commercial General Liability - with the following as minimum requirements:

\$1,000,000 - Each Occurrence
\$2,000,000 General Aggregate
Occurrence Form Policy Broad
Form Property Damage
Premises /Operations
Independent Contractors
Products and Completed Operations
(Blanket) Broad Form Contractual
Personal Injury
Additional Insured: The OMIDDD, the County of Oakland, the County of Macomb and drainage district Agents (as defined in this Contract);
 - b. Workers' Compensation - as required by law and \$1,000,000 Employer's Liability;
 - c. Automobile Liability and Property Damage - \$1,000,000 each occurrence, including coverage for all owned, hired and non-owned vehicles including No Fault coverage as required by law;
 - d. Professional Liability/Errors and Omissions - When professional design services are provided, obtain the appropriate coverage in the minimum amount of \$2,000,000 per occurrence/claim and \$5,000,000 aggregate.
 - e. Provide any other insurance necessary to cover business and/or professional licenses and associated services.
 - f. Excess or Umbrella Liability – Provide an umbrella policy in excess of other policy limits set herein having a \$2,000,000 total limit. The Consultant is granted the option of arranging coverage under a single policy for the full limit required or by a combination of underlying policies with the balance provided by an Excess or Umbrella Liability policy equal to the total limit(s) requested. Umbrella or Excess policy wording shall be at least as broad as the primary or underlying policy(ies) and shall apply both to the Consultants general liability and to its automobile liability insurance.
2. General Certificates of Insurance:

- a. All Certificates of Insurance shall contain evidence of the following conditions and/or clauses and shall be sent to: Oakland Macomb Interceptor Drain Drainage District - Insurance Administrator at 1 Public Works Drive, Building 95 West Waterford, MI 48328.
- b. The Oakland-Macomb Interceptor Drain Drainage District, County of Oakland, County of Macomb and Drainage District Agents (as defined in this Contract) the Great Lakes Water Authority and the City of Detroit shall be named as "General Liability" Additional Insured with respect to work performed by the Contractor.
- c. All Certificates are to provide 30 days written notice of cancellation or non-renewal. Certificates of Insurance or insurance binders must be provided no less than ten (10) working days before commencement of work to the Oakland County Water Resources Commissioner - Insurance Administrator. Insurance carriers are subject to the approval of Water Resources Commissioner's Insurance Administrator.

Agenda Item No. 15

Revised Exhibit A for the 2021 rate year

Effective July 1, 2020

Exhibit A

Annual Operating Charges

	Current 2020 Budget	2021 Budget	COSDS %	MIDD %	Annual COSDS	Macomb	Monthly COSDS	MIDD
GLWA								
Common-to-all and OMIDDD Charges		\$ 68,073,100	32.02%	67.98%	\$ 21,797,007	\$ 46,276,093		
CSO Program		1,630,700	39.48%	60.52%	643,800	986,900		
Total	69,046,600	69,703,800			22,440,807	47,262,993	\$ 1,870,067.25	\$ 3,938,582.75
OMIDDD								
Operations and Maintenance Expense								
Sewer System Maintenance	1,386,710	1,583,750	32.02%	67.98%	507,117	1,076,633		
Sewer System Engineering	70,100	15,360	32.02%	67.98%	4,918	10,442		
Pump Maintenance Unit	2,063,000	1,767,270	32.02%	67.98%	565,880	1,201,390		
Systems Control Unit	71,060	110	32.02%	67.98%	35	75		
Mapping Unit	13,620	1,900	32.02%	67.98%	608	1,292		
Miss Dig	490	370	32.02%	67.98%	118	252		
General and Administrative	370,190	124,240	32.02%	67.98%	39,782	84,458		
Subtotal	3,975,170	3,493,000			1,118,458	2,374,542	93,204.83	197,878.50
Non Operating	-	-	32.02%	67.98%	-	-	-	-
Major Maintenance	600,000	1,000,000	32.02%	67.98%	320,200	679,800	26,683.33	56,650.00
Emergency Maintenance	-	500,000	32.02%	67.98%	160,100	339,900	13,341.67	28,325.00
Capital Improvement	7,687,270	862,980	33.10%	66.90%	285,646	577,334	23,803.83	48,111.17
Subtotal	8,287,270	2,362,980			765,946	1,597,034		
O&M Non-Rate Revenue	(201,210)	(209,750)	32.02%	67.98%	(67,162)	(142,588)	(5,596.83)	(11,882.33)
FY 2021 Total Fixed Charges	\$ 81,107,830	\$ 75,350,030			\$ 24,258,049	\$ 51,091,981	2,021,504.08	4,257,665.09

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

Debt Service		
2010A mfa 5368-02	1,674,500	1,673,375
2010B	188,345	-
2011A mfa 5368-02	1,622,750	1,624,125
2013A mfa 5368-03	3,952,800	3,954,200
2014A	465,894	469,694
2015A mfa 2001-01	546,750	542,750
2019 refunding	298,640	433,848
Estimated NESPS and NIEA Debt*	-	6,415,000
Total Debt Service	8,749,679	15,112,991
Total OMIDDD Related Revenue Requirements	89,857,509	90,463,021

* Estimated NESPS and NIEA Debt - Principal \$100,000,000, 20 Years, 2.5% Interest

Agenda Item No. 16

Other Business

Agenda Item No. 17

Adjourn