

ELECTRONIC PACKET

March 25, 2019 OPERATIONS COMMITTEE MEETING

RELEASED: Monday, March 18, 2019



Milwaukee Metropolitan Sewerage District

260 West Seeboth
Street
Milwaukee, WI
53204

Meeting Agenda Operations Committee

Kathy Ehley, Chair
John Swan, III, Vice Chair
Cavaller C. Johnson, LaTonya Johnson, Carl Krueger
Kris Martinsek, Ex-Officio

Monday, March 25, 2019

9:00 AM

Dennis M. Grzezinski Conference Room

RESCHEDULED OPERATIONS COMMITTEE MEETING

NOTICE IS HEREBY GIVEN, pursuant to Section 19.84, Wisconsin Statutes, that the Milwaukee Metropolitan Sewerage District's Operations Committee will hold its regularly scheduled public meeting on Monday, March 25, 2019 at 9:00 a.m. at the District's Headquarters, 260 W. Seeboth Street, Milwaukee, Wisconsin, in the Dennis M. Grzezinski Conference Room.

PURSUANT TO SECTION 19.85(1)(g), Wisconsin Statutes, the Committee reserves the right to go into Closed Session on any item on the public portion of the agenda to confer with Legal Counsel when it appears the matter may involve the District in litigation. If the Committee does convene in such a Closed Session, it is contemplated that the Committee will again, before adjourning the meeting, reconvene at the same place in Open Session at which time the Committee may act upon any item(s) considered in the Closed Session and upon any unfinished items from the regular agenda.

CALL TO ORDER

RECORD ROLL

Approval of Proceedings of Regular Committee Meeting held February 11, 2019 and Special Meeting held February 25, 2019

ORGANIZATION & ADMINISTRATION

19-001-1 EXECUTIVE DIRECTOR'S REPORT

- A. Monthly Reports
- B. Green Luminaries (Bre Plier)

NEW BUSINESS

- 1 19-028-3 Award of Contract P01005C01, Interplant Sludge System - Corrosion Monitoring System Improvements, and Contract TS-2664, Resident Engineering Services; and Approve Change in Total Project Cost

- 2 19-029-3 Authorizing the Executive Director to Amend Purchase Order 10538 for Material Capital Repair or Replacement No. 1198, Jones Island Water Reclamation Facility Dryer #7 Trunnion Replacements and Repairs

ADJOURNMENT

PLEASE NOTE: Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through sign language interpreters or other auxiliary aids. For additional information or to request these services, contact the Office of the Commission at 414.225.2264, (FAX) 414.272.5057 or write to Office of the Commission, 260 W. Seeboth Street, Milwaukee, Wisconsin, 53204-1446.



Anna Kettlewell, Commission Secretary
Milwaukee Metropolitan Sewerage District



Milwaukee Metropolitan Sewerage District

260 West
Seeboth Street
Milwaukee, WI
53204

Meeting Minutes Operations Committee

Kathy Ehley, Chair
John Swan, III, Vice Chair
Cavalier C. Johnson, LaTonya Johnson, Carl Krueger
Kris Martinsek, Ex-Officio

Monday, February 11, 2019

9:00 AM

Dennis M. Grzezinski Conference Room

CALL TO ORDER

Committee Chair Commissioner Ehley called the meeting to order at 9:06 a.m.

RECORD ROLL

Present 6 - Kathy Ehley, Cavalier C. Johnson, LaTonya Johnson, Carl Krueger, Kris Martinsek, and John Swan III

Commissioner L. Johnson arrived at 9:08 a.m. during Item #1.

Other Commissioners Present: Dan Devine, Eugene Manzanet, José G. Pérez, Jeff Stone, and Corey Zetts.

Approval of Proceedings of Regular Committee Meeting held January 14, 2019

A motion was made by Commissioner Swan, seconded by Commissioner Krueger. The motion carried.

NEW BUSINESS

- 1 19-017-2 Authorizing the Executive Director to Execute a Purchase Order for Material Capital Repair or Replacement No. 1169, Jones Island Water Reclamation Facility Dryers 1, 3, 6, 7 Blade Replacements
- The Committee received a PowerPoint presentation from Michael Martin, Director of Technical Services.*
- Commissioner L. Johnson arrived at 9:08 a.m. during this presentation.*
- A motion was made by Commissioner Swan, seconded by Commissioner C. Johnson, that this matter be approved by a voice vote. The motion carried by a unanimous voice vote.

- 2 19-018-2 Contract J01013D01, Engineering Services - Preliminary Treatment Electrical Upgrade at Jones Island Water Reclamation Facility
- The Committee received a PowerPoint presentation from Michael Martin, Director of Technical Services.*
- A motion was made by Commissioner Swan, seconded by Commissioner C. Johnson, that this matter be approved by a voice vote. The motion carried by a unanimous voice vote.**
- 3 19-019-2 Contract J04061D01, Engineering Services - Programmable Logic Controller 5 Upgrade in the Dewatering and Drying Facility
- The Committee received a PowerPoint presentation from Michael Martin, Director of Technical Services, with comments by Jeff Spence, Director of Community Outreach and Business Engagement, and Kevin L. Shafer, P.E., Executive Director.*
- A motion was made by Commissioner Krueger, seconded by Commissioner L. Johnson, that this matter be approved by a voice vote. The motion carried by a unanimous voice vote.**
- 4 19-020-2 Contract P01006D01, Engineering Services - Interplant Solids Pipeline Replacement at the South Shore Water Reclamation Facility
- The Committee received a PowerPoint presentation from Michael Martin, Director of Technical Services.*
- A motion was made by Commissioner L. Johnson, seconded by Commissioner C. Johnson, that this matter be approved by a voice vote. The motion carried by a unanimous voice vote.**
- 5 19-021-2 Award of Contract S04031C04, 18-Inch Digester Gas Pipeline Replacement at South Shore Water Reclamation Facility
- The Committee received a PowerPoint presentation from Michael Martin, Director of Technical Services.*
- A motion was made by Commissioner Swan, seconded by Commissioner L. Johnson, that this matter be approved by a voice vote. The motion carried by a unanimous voice vote.**
- 6 19-022-2 Change Order Two to Contract J06056C01, Turbine Extended Services Agreement
- The Committee received a PowerPoint presentation from Michael Martin, Director of Technical Services.*
- A motion was made by Commissioner Swan, seconded by Commissioner L. Johnson, that this matter be approved by a voice vote. The motion carried by a unanimous voice vote.**

ORGANIZATION & ADMINISTRATION

19-001-1 EXECUTIVE DIRECTOR'S REPORT

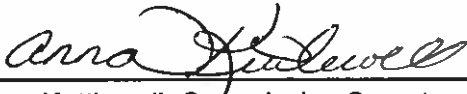
A. Monthly Reports

A. No report.

ADJOURNMENT

It was moved by Commissioner Swan, seconded by Commissioner Krueger, to adjourn. The motion carried.

As there was no further business, the meeting was adjourned at 9:35 a.m.



Anna Kettlewell, Commission Secretary
Milwaukee Metropolitan Sewerage District



Milwaukee Metropolitan Sewerage District

280 West
Seeboth Street
Milwaukee, WI
53204

Meeting Minutes Operations Committee

Kathy Ehley, Chair
John Swan, III, Vice Chair
Cavalier C. Johnson, LaTonya Johnson, Carl Krueger
Kris Martinsek, Ex-Officio

Monday, February 25, 2019

8:50 AM

Dennis M. Grzezinski Conference Room

SPECIAL OPERATIONS COMMITTEE MEETING

CALL TO ORDER

Committee Vice Chair Commissioner Swan called the meeting to order at 8:55 a.m.

RECORD ROLL

Present 5 - Cavalier C. Johnson, LaTonya Johnson, Carl Krueger, Kris Martinsek, and John Swan III
Excused 1 - Kathy Ehley

Commissioner L. Johnson arrived at 8:57 during Item #9.

Other Commissioners Present: Dan Devine, José G. Pérez, Jeff Stone, and Corey Zetts.

NEW BUSINESS

- 9 19-025-2 Award of Contract J06076C01, Turbine Waste Heat Expansion Joint 12 & 13 Replacement at Jones Island Water Reclamation Facility and Approve Changes in Total Project Costs

The Committee received a PowerPoint presentation and revised Small, Women, and Minority-owned Business Enterprise report from Michael Martin, Director of Technical Services, with comments by Kevin L. Shafer, P.E., Executive Director.

Commissioner C. Johnson asked how many expansion joints were in the system and what their life expectancy is.

Commissioner L. Johnson arrived at 8:57 a.m. during this presentation.

A motion was made by Commissioner Krueger, seconded by Commissioner L. Johnson, that this matter be approved by a voice vote. The motion carried by a unanimous voice vote.

ADJOURNMENT

It was moved by Commissioner C. Johnson, seconded by Commissioner L. Johnson, to adjourn. The motion carried.

As there was no further business, the meeting was adjourned at 9:05 a.m.



Anna Kettlewell, Commission Secretary
Milwaukee Metropolitan Sewerage District

OPERATIONS COMMITTEE MEETING

March 25, 2019

EXECUTIVE DIRECTOR'S REPORT

19-001-01

- A. Monthly Reports**
- B. Green Luminaries (Bre Plier)**



COMMISSION FILE NO: 19-028-3 **DATE INTRODUCED:** March 11, 2019

INTRODUCED BY: Executive Director (Signature on File in the Office of the Commission)

REFERRED BY COMMISSION CHAIRPERSON TO: Operations Committee

RELATING TO: Award of Contract P01005C01, Interplant Sludge System – Corrosion Monitoring System Improvements, and Contract TS-2664, Resident Engineering Services; and Approve Change in Total Project Cost

SUMMARY:

The Commission is requested to award and to direct the Executive Director to execute on behalf of the District Contract P01005C01, Interplant Sludge System – Corrosion Monitoring System Improvements, to Terra Engineering & Construction Corporation in the amount of \$8,122,650. Terra Engineering & Construction Corporation was the lowest responsible, responsive bidder between two bids received.

Further, the Commission is requested to authorize the Executive Director to execute Contract TS-2664, Resident Engineering Services, with R.A. Smith National, Inc., in an amount not to exceed \$250,000. R.A. Smith National, Inc., was the highest ranked available offeror, based on a qualifications-based selection method.

Further, the Commission is requested to increase the total project cost (TPC) for Project P01005, Interplant Pipeline Improvements – Phase II, by \$3,728,202 for an amended TPC of \$20,411,615 and to make a corresponding change to the TPC for Project M99001, Allowance for Cost and Schedule Changes.

The Interplant Sludge (IPS) System allows for the transfer of biosolids between the Jones Island Water Reclamation Facility (JIWRF) and the South Shore Water Reclamation Facility (SSWRF). The IPS system is critical for processing biosolids and producing Milorganite®. An IPS system outage can result in operational challenges, lost opportunities to create digester gas, and significant increases in operating costs.

ATTACHMENTS: **BACKGROUND** **KEY ISSUES** **RESOLUTION**
FISCAL NOTE **S/W/MBE** **OTHER** _____

OP_Award_P01005C01_IPS_Corrosion_Monitoring_legislative_file.docx
02-19-19

COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Award of Contract P01005C01, Interplant Sludge System – Corrosion Monitoring System Improvements, and Contract TS-2664, Resident Engineering Services; and Approve Change in Total Project Cost

The IPS system consists of a pump station located at JIWRP, a pump station located at SSWRF, and four parallel ductile iron pipelines each 12 miles long connecting the two facilities. A cathodic protection (CP) system helps protect the pipelines from external corrosion.

The CP system includes test stations, pipe bond stations, anode groundbeds, and rectifiers. The CP system relies upon each pipe being electrically continuous with adjacent pipes. The CP system has been in service approximately 25 years. Parts of the CP system are inoperable or in poor condition and are at or near the end of their useful service lives.

Under Contract P01005C01, the contractor will:

- Replace and upgrade test stations, which are required for electrical continuity testing and CP system monitoring.
- Replace and upgrade pipe bond stations, which electrically interconnect the IPS pipelines and provide redundancy.
- Locate and repair discontinuous pipe joint bonds along the length of the pipelines to restore electrical continuity.

The contract duration is 523 days.

The low bid received by the District is more than budgeted, and staff requests to increase the TPC accordingly.

There is not sufficient District staff to provide resident engineering services. Proposed Contract TS-2664 will supplement existing District resident engineers for this project.

RESOLUTION

Award of Contract P01005C01, Interplant Sludge System – Corrosion Monitoring System Improvements, and Contract TS-2664, Resident Engineering Services; and Approve Change in Total Project Cost

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that Contract P01005C01, Interplant Sludge System – Corrosion Monitoring System Improvements, is awarded to Terra Engineering & Construction Corporation in the amount of \$8,122,650 and that the Executive Director is directed to execute a contract on behalf of the District.

FURTHER RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to execute Contract TS-2664, Resident Engineering Services, with R.A. Smith National, Inc., in an amount not to exceed \$250,000.

FURTHER RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the total project cost for Project P01005, Interplant Pipeline Improvements – Phase II, is increased by \$3,728,200 for an amended total project cost of \$20,411,613 and that a corresponding change is made to the total project cost for Project M99001, Allowance for Cost and Schedule Changes.



Capital Budget Fiscal Note Total Project Cost

RELATING TO:

Award of Contract P01005C01, Interplant Sludge System – Corrosion Monitoring System Improvements, and Contract TS-2664, Resident Engineering Services; and Approve Change in Total Project Cost

Capital Project Number(s) P01005-Interplant Pipeling Improvements - Phase II	Impact of Requested Action on Total Project Cost: <input checked="" type="checkbox"/> Increase <input type="checkbox"/> Decrease <input type="checkbox"/> New Project <input type="checkbox"/> No Change
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<u>Total Project Cost Analysis</u>	<u>Project Costs</u>
Adopted 2019 Total Project Cost	\$16,683,413
Previously Approved Changes	\$0
Approved Total Project Cost	\$16,683,413
Requested Total Project Cost	\$20,411,613
Requested (Increase)/Decrease	(\$3,728,200)

Action to be taken to Long-Range Financing Plan to address Total Project Cost change

_____ X _____ Transfer from Allowance for Cost and Schedule Changes

_____ Transfer from another project (specify in comments)

_____ Delay Project(s) (specify in comments)

_____ Delete Project(s) (specify in comments)

_____ Other _____

_____ Transfer to Allowance for Cost and Schedule Changes

Comments

This request is for two contracts, P01005C01 for \$8,122,650 and TS-2664 for \$250,000. The increase in total project is due to bids received higher than budgeted for the Corrosion Monitoring System Improvements contract P01005C01.

The TS-2664 contract does not impact the adopted 2019 total project cost.

Budget Review by: <u>Theresa Zwieg</u>	Date: <u>2/8/2019</u>
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Award of Contract P01005C01, Interplant Sludge System – Corrosion Monitoring System Improvements, and Contract TS-2664, Resident Engineering Services; and Approve Change in Total Project Cost



Procurement & S/W/MBE Summary Information

Contract # P01005C01 **Cost Center:** ENG

Interplant Sludge System - Corrosion Monitoring System Improvements, Contract TS-2664, Resident Engineering Services, and Approve Change in Total Project Cost

BID SUMMARY

Bid Opening Date: 12/21/2018

	Total	SWMBE	Local
# of Bids	2	1	0
# of Responsive Bids	2	1	0

Bidders	Price	Responsive?	Responsible?	% Sub	% SWMBE
Terra Engineering & Construction Corp. Madison, WI 53718 (SBE)	\$8,122,650.00	Responsive	Responsible	34.3%	66.5%
Michels Civil - a division of Michels Corporation Brownsville, WI 53006	\$12,165,185.00	Responsive	Responsible	48.0%	20.0%

SUBCONTRACTOR INFORMATION

Type	Subcontractor Name	Type of Work	%	Amount
MBE	Benavides Construction, Inc. Waterford, WI 53185	Concrete Flatwork	0.7%	\$54,250.00
SBE	Eaton's Asphalt Service, Inc. Milwaukee, WI 53225	Asphalt Work	0.1%	\$4,700.00
Non-SWMBE	Kantex Industries Colorado Springs, CO 80903	Cathodic Protection Install	31.4%	\$2,552,808.00
Non-SWMBE	Midwest Landscape Mukwonago, WI 53149	Landscaping	2.1%	\$170,450.00

ECONOMIC DEVELOPMENT ELEMENTS

Workforce Requirements

Sanitary Sewer Service Area (SSSA) Employment:	<u>45%</u>
Target Area (TA) Employment:	<u>20%</u>
# Apprentices Required:	<u>4</u>

OUTREACH INFORMATION

The Procurement team performed the following outreach: advertised in the Daily Reporter, sent an e-mail notification to all registered firms in the general construction/contracting categories, sent targeted e-mails to potential prime bidders, sent targeted e-mails to 53 SWMBE general contracting, excavation, traffic control, landscaping, wetland restoration and testing and engineering firms, and notified the various local chambers of commerce and small business agencies. The bid opportunity is also publicly accessible from the MMSD website and Quest CDN. Quest CDN also performs outreach to its users when a bid is posted.

S/W/MBE Planholders:

QSP Utility (WBE), Mega Rentals Inc. (DBE/WBE), Terra Engineering & Construction Corp. (SBE), Mid City Corp. (SBE), Habermehl Electric, Inc. (WBE), Pro Electric, Inc. (DBE/MBE)

If no or low S/W/MBE participation, explain why:

N/A

Additional Comments:

Note: 3.4% Material, 53% Equipment

AWARDEE INFORMATION

Company: Terra Engineering & Construction Corporation
 Contact Person: Tony Arts
 Phone Number: 608-221-3501
 E-mail Address: _____

EEO DATA

	Local or National Office?			Total # of Employees	
	Total	%		Total	%
Minorities	9	11.4%	Females	9	11.4%
African American	2	2.5%	African American	0	0.0%
Asian	0	0.0%	Asian	0	0.0%
Hispanic	3	3.8%	Hispanic	0	0.0%
Native American	2	2.5%	Native American	0	0.0%
<i>Labor Market Availability - Minorities</i>		<u>14.0%</u>	<i>Labor Market Availability - Females</i>		<u>50.0%</u>

Award of Contract P01005C01, Interplant Sludge System – Corrosion Monitoring System Improvements, and Contract TS-2664, Resident Engineering Services; and Approve Change in Total Project Cost



Procurement & S/W/MBE Summary Information

Contract # TS-2664 **Cost Center:** ENG

Resident Engineering Services, and Approve Change in Total Project Cost

PROPOSAL SUMMARY

Proposal Receipt Date: NA

	Total	SWMBE	Local
# of Proposals	9	7	8
# of Acceptable Proposals	9	7	8

Proposals (listed by rank)	Negotiated Price	Acceptable?	% Sub	% SWMBE
	<i>Submitted Price</i>			
R.A. Smith National, Inc. (RE01) Brookfield, WI 53005	\$250,000.00 \$282,654.00	Acceptable	0.0%	0.0%
R.A. Smith National, Inc. (RE02) Brookfield, WI 53005	N/A \$197,476.00	Acceptable	0.0%	0.0%
Ruekert & Mielke, Inc. (RE01) Milwaukee, WI 53204 (SBE)	N/A \$317,250.00	Acceptable	0.0%	100.0%
Ruekert & Mielke, Inc. (RE02) Milwaukee, WI 53204 (SBE)	N/A \$267,800.00	Acceptable	0.0%	100.0%
Ruekert & Mielke, Inc. (RE03) Milwaukee, WI 53204 (SBE)	N/A \$267,800.00	Acceptable	0.0%	100.0%
Ruekert & Mielke, Inc. (RE04) Milwaukee, WI 53204 (SBE)	N/A NA	Unacceptable	0.0%	100.0%
Kapur & Associates, Inc. (RE01) Milwaukee, WI 53217 (MBE)	N/A \$266,500.00	Acceptable	0.0%	100.0%
Kapur & Associates, Inc. (RE02) Milwaukee, WI 53217 (MBE)	N/A \$266,500.00	Acceptable	0.0%	100.0%
Kapur & Associates, Inc. (RE03) Milwaukee, WI 53217 (MBE)	N/A \$266,500.00	Acceptable	0.0%	100.0%

Kapur & Associates, Inc. (RE04) Milwaukee, WI 53217 (MBE)	N/A	Acceptable	0.0%	100.0%
	\$266,500.00			
MxGrp (RE01) Brookfield, WI 53005 (SBE)	N/A	Acceptable	0.0%	100.0%
	\$236,550.00			
International Automation, LLC (RE01) Mukwonago, WI 53149 (SBE)	N/A	Acceptable	0.0%	100.0%
	\$206,250.00			
EXP/Himalayan Consultants (RE01) Milwaukee, WI 53202 (MBE)	N/A	Acceptable	0.0%	50.0%
	\$282,900.00			
Graef (RE01) Milwaukee, WI 53214	N/A	Acceptable	0.0%	0.0%
	\$356,900.00			
Graef (RE02) Milwaukee, WI 53214	\$0.00	Acceptable	0.0%	0.0%
	\$373,500.00			
Graef (RE03) Milwaukee, WI 53214	N/A	Unacceptable	0.0%	0.0%
	NA			
Toki Engineering (RE01) Milwaukee, WI 53218 (MBE)	N/A	Acceptable	0.0%	100.0%
	\$249,000.00			
Toki Engineering (RE02) Milwaukee, WI 53219 (MBE)	N/A	Acceptable	0.0%	100.0%
	\$249,001.00			
Toki Engineering (RE03) Milwaukee, WI 53220 (MBE)	N/A	Acceptable	0.0%	100.0%
	\$249,002.00			
The Sigma Group (RE01) Milwaukee, WI 53233 (SBE)	N/A	Acceptable	0.0%	100.0%
	\$256,250.00			
The Sigma Group (RE02) Milwaukee, WI 53233 (SBE)	N/A	Acceptable	0.0%	100.0%
	\$276,750.00			
The Sigma Group (RE03) Milwaukee, WI 53233 (SBE)	N/A	Acceptable	0.0%	100.0%
	\$307,500.00			
The Sigma Group (RE04) Milwaukee, WI 53233 (SBE)	N/A	Acceptable	0.0%	100.0%
	\$307,500.00			

Compensation packages for proposals rated "Conditionally Acceptable" and "Unacceptable" are not opened.

SUBCONSULTANT INFORMATION

Type	Subconsultant Name	Type of Work	%	Amount
N/A	N/A	N/A	N/A	N/A

ECONOMIC DEVELOPMENT ELEMENTS

Local Office Preference? Y

Mentor Protégé? NA

OUTREACH INFORMATION

The firm was the highest ranked available offeror, based on a qualifications-based selection method.

S/W/MBE Document Takers:

NA

If no or low S/W/MBE participation, explain why:

Resident Engineering services only

Additional Comments:

NA

AWARDEE INFORMATION

Company: R.A. Smith National, Inc.
 Contact Person: 0
 Phone Number: () -
 E-mail Address: info@rasmithnational.com

EEO DATA

Local or National Office? Local Total # of Employees 212

	<u>Total</u>	<u>%</u>		<u>Total</u>	<u>%</u>
Minorities	6	2.8%	Females	40	18.9%
African American	1	0.5%	African American	0	0.0%
Asian	2	0.9%	Asian	1	0.5%
Hispanic	2	0.9%	Hispanic	0	0.0%
Native American	1	0.5%	Native American	0	0.0%

Labor Market Availability - Minorities 20.0%

Labor Market Availability - Females 48.0%

PRIME PERFORMANCE HISTORY - S/W/MBE COMPLIANCE

No current projects as a prime

No current projects with 50% completion as a subconsultant



COMMISSION FILE NO: 19-029-3 **DATE INTRODUCED:** March 11, 2019

INTRODUCED BY: Executive Director (Signature on File in the Office of the Commission)

REFERRED BY COMMISSION CHAIRPERSON TO: Operations Committee

RELATING TO: Authorizing the Executive Director to Amend Purchase Order 10538 for Material Capital Repair or Replacement No. 1198, Jones Island Water Reclamation Facility Dryer #7 Trunnion Replacements and Repairs

SUMMARY:

The Commission is requested to authorize the Executive Director to amend Purchase Order 10538 with Veolia Water Milwaukee, LLC, (VWM) for Material Capital Repair or Replacement (MCRR) Number 1198, Jones Island Water Reclamation Facility (JIWRF) Dryer #7 Trunnion Replacements and Repairs, in an amount not to exceed \$96,657.47.

At JIWRF, Milorganite® is produced within the Drying and Dewatering Facility. The Milorganite® production process utilizes up to 12 rotary sludge dryers to heat-dry dewatered biosolids. Each dryer drum rotates on steel tires that are attached to the drum and supported by four trunnion wheel assemblies consisting of a trunnion wheel, shaft, and bearings.

Dryer #7 is currently out of service due to badly worn feed end trunnion wheels and tires that need to be replaced and resurfaced, respectively.

Under the scope of the proposed amended Purchase Order 10538, the contractor will:

- Replace the feed end trunnion wheel assemblies.
- Resurface the feed and discharge end dryer drum steel tires.
- Align the drive train and dryer.
- Inspect the discharge end trunnion wheel assemblies and thrust roller assemblies.
- Depending upon the results of the inspection, replace the discharge end trunnion wheel assemblies and thrust roller assemblies.

ATTACHMENTS: BACKGROUND KEY ISSUES RESOLUTION
FISCAL NOTE S/W/MBE OTHER _____

OP_Auth_Purchase_MCRR1198_JIDD_Dryer7Trunnion_legislative_file.docx
02-19-19

COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Authorizing the Executive Director to Amend Purchase Order 10538 for Material Capital Repair or Replacement No. 1198, Jones Island Water Reclamation Facility Dryer #7 Trunnion Replacements and Repairs

The bid for this work included a base bid consisting of the first four bullets and an additive bid item of the fifth bullet. This contract was bid this way to allow some work to proceed quickly under the Executive Director's contract authorization (less than \$250,000 for work in the Drying and Dewatering Facility) and the additional work, if necessary, under Commission authorization (\$250,000 or greater). Staff now requests Commission approval to amend the purchase order to include replacing the discharge trunnion roller assemblies and thrust roller assemblies if that work is necessary.

PURCHASE ORDER COST CHANGES

PURCHASE ORDER	AMOUNT	PERCENT INCREASE OVER ORIGINAL PURCHASE ORDER	AUTHORIZED BY	SWMBE %
Original	\$175,868.11		Executive Director	20%
Amendment No. 1	\$96,657.47	55%	Request of Commission	20%
TOTAL	\$272,525.58			20%

VWM competitively bid the work, and Grunau Company was the lowest responsible and responsive bidder. The purchase order amendment will be issued to VWM, which is responsible for managing and overseeing the contract with Grunau.

RESOLUTION

Authorizing the Executive Director to Amend Purchase Order 10538 for Material Capital Repair or Replacement No. 1198, Jones Island Water Reclamation Facility Dryer #7 Trunnion Replacements and Repairs

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to amend Purchase Order 10538 with Veolia Water Milwaukee, LLC, for Material Capital Repair or Replacement Number 1198, Jones Island Water Reclamation Facility Dryer #7 Trunnion Replacements and Repairs, in an amount not to exceed \$96,657.47.



O&M Budget Fiscal Note

RELATING TO:

Authorizing the Executive Director to Amend Purchase Order 10538 for Material Capital Repair or Replacement No. 1198, Jones Island Water Reclamation Facility Dryer #7 Trunnion Replacements and Repairs

Cost Center: OCC _____	Line Item: 671 _____
----------------------------------	--------------------------------

Line Item Impact			
2019 Original Budget		\$2,247,432	
Carryovers or Transfers		\$0	
Adjusted Budget		\$2,247,432	
Estimated Annual Expenditure including Request		\$2,247,432	
Anticipated Year End Balance		\$0	
Actual Year to Date Expenditures Through 2/12		\$0	
For unfavorable Year End Balance, identify funding source: <input type="checkbox"/> Absorbed within the Division			
<input type="checkbox"/> Other Division			
<input type="checkbox"/> Unallocated Reserve			
Anticipated Expenditure Timing			
	Requested Expenditures	Anticipated Savings/Revenues	Net Fiscal Impact
Current Year (2019)	\$272,526	\$0	\$272,526
Subsequent	\$0	\$0	\$0
Total Cost	\$272,526	\$0	\$272,526

Comments:

Budget Review by:	Date
Theresa Zwieg _____	2/12/2019 _____

March 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11 PF&P Committee -10:05 a.m.	12	13	14	15	16
17 ST. PATRICK'S DAY	18	19	20	21	22	23
24	25 Operations Committee-9:00 a.m. Commission-9:05 a.m.	26	27	28	29	30
31						