

ELECTRONIC PACKET

February 25, 2019 SPECIAL OPERATIONS COMMITTEE MEETING

RELEASED: Monday, February 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
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

NOTICE IS HEREBY GIVEN, pursuant to Section 19.84, Wisconsin Statutes, that the Milwaukee Metropolitan Sewerage District's Operations Committee will hold a special public meeting on Monday, February 25, 2019 at 8:50 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

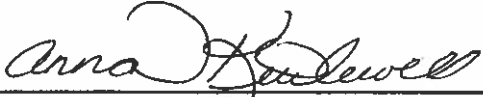
RECORD ROLL

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

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



COMMISSION FILE NO: 19-025-2 **DATE INTRODUCED:** February 25, 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 J06076C01, Turbine Waste Heat Expansion Joint 12 & 13 Replacement at Jones Island Water Reclamation Facility and Approve Changes in Total Project Costs

SUMMARY:

The Commission is requested to award and to direct the Executive Director to execute on behalf of the District Contract J06076C01, Turbine Waste Heat Expansion Joint 12 & 13 Replacement at Jones Island Water Reclamation Facility (JIWRF), to Butters-Fetting Co., Inc., in the amount of \$399,900. Butters-Fetting Co., Inc., was the lowest responsible, responsive, and only bidder.

Further, the Commission is requested to increase the total project cost (TPC) for Project J06076, JIWRF Turbine Waste Heat Expansion Joint 12 & 13 Replacement, by \$149,000 for an amended TPC of \$634,349 and to make a corresponding change to the TPC for Project M99001, Allowance for Cost and Schedule Changes.

The District uses four turbines at JIWRF fueled either by natural gas or landfill gas to generate electricity for plant use. The waste heat from the turbines is used to heat dry biosolids and produce Milorganite®. The waste heat is conveyed through a large, 11-foot diameter stainless steel duct system from the Powerhouse to the Dewatering and Drying Facility, where the heat drying occurs. The waste heat system includes multiple expansion joints to allow the stainless steel duct to expand or contract as it heats or cools.

In June 2016, waste heat duct expansion joint 12 failed causing turbine waste heat gases to be released into the Powerhouse. The District performed a temporary repair of this joint. Staff then performed an engineering evaluation to determine the cause of the failure.

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

*OP_Award_J06076C01_Waste_Heat_EJ12&13_Replac_legislative_file
02-12-19*

COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

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 engineering evaluation revealed that a modified joint and joint support would better handle the heat stresses as compared to the existing joint. Additionally, the investigation revealed that expansion joint 13 was in poor condition and likely to fail, and that joint and joint support should also be modified.

Expansion joint 13 subsequently failed in November 2018. The District performed a temporary repair of this joint.

Expansion joint failures result in costs for temporary repairs plus the cost to purchase natural gas to dry Milorganite® instead of utilizing waste heat. Further, expansion joint failures are safety issues that allow exhaust gases to be released inside the building.

Under this proposed construction contract, the contractor will:

- Replace waste heat duct expansion joints 12 and 13 with improved joints.
- Modify the duct supports adjacent to the new expansion joints.

The contract duration is 191 days.

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

RESOLUTION

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

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that Contract J06076C01, Turbine Waste Heat Expansion Joint 12 & 13 Replacement at Jones Island Water Reclamation Facility, is awarded to Butters-Fetting Co., Inc., in the amount of \$399,900, 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 total project cost for Project J06076, Jones Island Water Reclamation Facility Turbine Waste Heat Expansion Joint 12 & 13 Replacement, is increased by \$149,000 for an amended total project cost of \$634,349, 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 J06076C01, Turbine Waste Heat Expansion Joint 12 & 13 Replacement at Jones Island Water Reclamation Facility and Approve Changes in Total Project Costs

<p>Capital Project Number(s)</p> <p>J06076-Turbine Waste Heat Expansion Joint 12 & 13 Replacement</p>	<p>Impact of Requested Action on Total Project Cost:</p> <p> <input checked="" type="checkbox"/> Increase <input type="checkbox"/> Decrease <input type="checkbox"/> New Project <input type="checkbox"/> No Change </p>
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<u>Total Project Cost Analysis</u>	<u>Project Costs</u>
Adopted 2019 Total Project Cost	\$485,349
Previously Approved Changes	\$0
Approved Total Project Cost	\$485,349
Requested Total Project Cost	\$634,350
Requested (Increase)/Decrease	(\$149,001)

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

<p>Comments</p> <p>The requested total project increase is due to bids received higher than budgeted for the construction work.</p>
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<p>Budget Review by:</p> <p><u>Theresa Zwieg</u></p>	<p>Date:</p> <p><u>2/8/2019</u></p>
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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 Construction category, and sent targeted e-mails to 6 potential prime bidders. 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:

Belonger Corporation

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

Due to the short timeframe to complete this project, Butters-Fetting plans to utilize subcontractors who are familiar with the site conditions and the work to be completed. Butters-Fetting has completed emergency repairs on these joints and has utilized many of the same subcontractors for those repairs. Butters-Fetting is inquiring with Insulation Industries to see if they qualify as an SBE, which could increase SWMBE participation to 14%.

Additional Comments:

n/a

AWARDEE INFORMATION

Company:	Butters-Fetting Co., Inc.
Contact Person:	Dave Ruffalo
Phone Number:	(414) 649-2182
E-mail Address:	druffalo@butterfetting.com

EEO DATA

	Local or National Office?			Total # of Employees	
	<u>Total</u>	<u>%</u>		<u>Total</u>	<u>%</u>
Minorities	11	4.6%	Females	10	4.2%
African American	3	1.3%	African American	0	0.0%
Asian	0	0.0%	Asian	0	0.0%
Hispanic	8	3.3%	Hispanic	0	0.0%
Native American	0	0.0%	Native American	0	0.0%

Labor Market Availability - Minorities 20.0%

Labor Market Availability - Females 48.0%

February 2019

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