



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

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Title: Issue purchase order and enter into an agreement with Miele Incorporated, to furnish, deliver, and install a G7825 medium capacity glassware washer with all associated accessories, in an amount not to exceed \$57,128.00, Account 101-16000-634970, Requisition 1490270

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Attachments: 1. 06-21-18 Att. Miele Req 1490270.pdf

Date	Ver.	Action By	Action	Result
6/21/2018	1	Board of Commissioners	Approved	Pass
6/21/2018	1	Committee of the Whole	Recommended	Pass

TRANSMITTAL LETTER FOR BOARD MEETING OF JUNE 21, 2018

COMMITTEE ON PROCUREMENT

Mr. John P. Murray, Acting Executive Director

Issue purchase order and enter into an agreement with Miele Incorporated, to furnish, deliver, and install a G7825 medium capacity glassware washer with all associated accessories, in an amount not to exceed \$57,128.00, Account 101-16000-634970, Requisition 1490270

Dear Sir:

Authorization is requested to issue a purchase order and enter into an agreement with Miele Incorporated (Miele) to furnish, deliver, and install a G7825 medium capacity glassware washer with all associated accessories for the Biochemical Oxygen Demand (BOD) laboratory located in the Industrial Waste Analytical Laboratory (IWAL) at the Stickney Water Reclamation Plant (WRP). This purchase order will expire on July 31, 2018.

The G7825 medium capacity glassware washer (BOD dishwasher) will be used to clean and disinfect specialized laboratory glassware for the performance of the BOD analysis in the IWAL. The BOD analysis is used for plant National Pollutant Discharge Elimination Systems permit samples by the Maintenance and Operations Department for treatment plant monitoring and reporting, and for Industrial Waste discharge samples from the User Charge program, utilizing up to 300 glassware bottles per day.

The Illinois Environmental Protection Agency accreditation standards for cleaning glassware requires a BOD dishwasher that can disinfect the bottles to eliminate any contamination and will also achieve optimum reprocessing results in the laboratory. The only alternative method available would be to use plastic disposable bottles at a disposal level of well over 50,000 bottles per year. This method is not environmentally conscious or cost efficient.

The Stickney BOD laboratory is designed for the operation of a steam-ventilating dishwasher. However, due to the a limited space available and current HVAC configuration arrangement, only Miele G7825 medium capacity BOD glassware washer can fit into the space without any major laboratory modifications. It is estimated that an additional cost of \$24,000.00 would be needed to modify the laboratory to accept dishwashers offered by other manufactures. Therefore, no other BOD dishwasher can satisfactorily be configured to work within the current BOD laboratory layout without additional major space and HVAC overhaul.

Miele machines achieve outstanding reprocessing results with minimum consumption of water, energy and cleaning agents. The Miele BOD dishwasher is unique in its use of High Efficiency Particulate Arrestance (HEPA) filtered air for the drying process of the glassware. Wet glassware will collect airborne contaminants from the environment more readily than dry glassware; non-HEPA filtered drying takes the gross contaminants found in the lab air and forcefully deposits them onto the wet glassware surface. After drying, Miele washers have the unique safety feature of not allowing the user to open the dishwasher door until after the glassware, baskets, and inserts have been brought down to a safe temperature.

Miele, the sole-service provider to furnish, deliver, and install G7825 BOD dishwasher, has submitted pricing for the equipment and services required. Inasmuch as Miele is the sole source of supply for the equipment and services required, nothing would be gained by advertising for bids (Section 11.4 of the Purchasing Act).

Miele is registered and in good standing with the State of Illinois.

The Multi-Project Labor Agreement is not applicable due to the specialized nature of the equipment and services required.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to issue a purchase order and enter into an agreement with Miele, in an amount not to exceed \$57,128.00.

Funds are available in Account 101-16000-634970.

Requested, Edward W. Podczerwinski, Director of Monitoring and Research, EWP:KB:DC:cs/jvs

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for June 21, 2018

Attachment