



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Details (With Text)

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Title: Issue purchase order to Environmental Operating Solutions, Inc., to Furnish and Deliver MicroC 2100, an External Carbon Source, for Biological Phosphorus Removal at the Calumet Water Reclamation Plant (WRP), in an amount not to exceed \$250,000.00, Account 101-68000-623560 Requisition 1566436

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Date	Ver.	Action By	Action	Result
9/2/2021	1	Board of Commissioners	Approved	Pass

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 2, 2021

COMMITTEE ON PROCUREMENT

Mr. Brian A. Perkovich, Executive Director

Issue purchase order to Environmental Operating Solutions, Inc., to Furnish and Deliver MicroC 2100, an External Carbon Source, for Biological Phosphorus Removal at the Calumet Water Reclamation Plant (WRP), in an amount not to exceed \$250,000.00, Account 101-68000-623560 Requisition 1566436

Dear Sir:

Authorization is requested to issue a purchase order to Environmental Operating Solutions, Inc. to Furnish and Deliver MicroC 2100, an External Carbon Source, for Biological Phosphorus Removal at the Calumet Water Reclamation Plant. Purchase order expires on December 31, 2021.

MicroC 2100 is a non-hazardous, glycerin-based external carbon source, and is derived from renewable resources. MicroC 2100 is used to supplement biological phosphorus removal in wastewater applications. Infrastructure installed under Contract 18-248-3P, S2EBPR Pilot Study, was constructed to perform a full-scale test of the Side Stream Enhanced Biological Phosphorous Removal (S2EBPR), and this supplemental carbon source is a necessary component to continue the pilot test that is anticipated to be completed by the end of this year. S2EBPR is currently being studied under a pilot program at the Calumet WRP to environmentally reduce costs associated with chemical phosphorus removal (metal salts) necessary to comply with the upcoming 2024 phosphorous limits set in the National Pollutant Discharge Elimination System permit. The S2EBPR process, if successful, has potential to be a sustainable approach, with reduced carbon needs, for meeting the forthcoming permit required nutrient removal limits. Moreover, information learned from the study will help further inform our phosphorus removal strategy at the Calumet WRP and at other facilities.

Environmental Operating Solutions, Inc., the manufacturer and sole authorized provider of MicroC 2100 has submitted pricing, and is the only source to provide MicroC 2100, nothing would be gained by advertising for

bids (Section 11.4 of the Purchasing Act).

Environmental Operating Solutions, Inc., is registered and in good standing with the State of Illinois.

The Multi-Project Labor Agreement (MPLA) and Affirmative Action Ordinance, Revised Appendix D are not applicable because this product is only available from the manufacturer.

In view of the foregoing, it is requested that the Director of Procurement and Materials Management be authorized to issue said purchase order to Environmental Operating Solutions, Inc. in an amount not to exceed \$250,000.00.

Funds are available in Account 101-68000-623560.

Requested, John P. Murray, Director of Maintenance and Operations

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management DAL:SEB:cc

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 September 2, 2021