



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Details (With Text)

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Title: Authority to Advertise Contract 22-RFP-18, Professional Services to Conduct a Machine Learning Study and Develop a Conceptual Plan for Mitigating Odors at the Thornton Composite Reservoir, estimated cost \$150,000.00, Account 201-50000-612430, Requisitions 1584614 (As Revised)

Sponsors:

Indexes:

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Attachments: 1. Contract 22-RFP-18 Affirmative Action Goals Report

Date	Ver.	Action By	Action	Result
9/1/2022	1	Board of Commissioners	Approved	Pass

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 1, 2022

COMMITTEE ON PROCUREMENT

Mr. Brian A. Perkovich, Executive Director

Authority to Advertise Contract 22-RFP-18, Professional Services to Conduct a Machine Learning Study and Develop a Conceptual Plan for Mitigating Odors at the Thornton Composite Reservoir, estimated cost \$150,000.00, Account 201-50000-612430, Requisitions 1584614 (As Revised)

Dear Sir:

Request for Proposal (RFP) documents have been prepared for professional services to conduct a machine learning study and develop a conceptual plan for mitigating odors at the Thornton Composite Reservoir (TCR) at the request of the Monitoring and Research Department. This contract is anticipated to begin in the first quarter of 2023 and end December 31, 2023.

The purpose of this contract is to provide professional services to conduct a study and develop a conceptual plan for mitigating odors at the TCR. This work is in line with the District's Strategic Plan and is a success measure under Strategic Goal #4: Community Engagement. More specifically, this contract will develop a machine learning and statistical evaluation on historical odor data, update an existing dispersion model, perform a technology screening analysis, and using results from these first three tasks, develop a conceptual plan to reduce odors (and potentially reduce organic solids) in the TCR. The potential proposer will perform the following tasks:

1. Conduct a machine learning and statistical evaluation of historic odor and operational data;
2. Review and update an existing dispersion model for the TCR;
3. Provide operational adjustment recommendations and perform a technology screening evaluation of at least three technologies for mitigating odors at the TCR;

4. Develop a conceptual plan for a technology based on the results of Task 3 that will reduce odor generation and potentially reduce organic solids in the TCR;
5. Supplemental services to aid with conceptual plan development.

The estimated cost for this contract is \$150,000.00.

A bid deposit is not required for this RFP.

Appendix A and Appendix V will be included in this RFP. The type of work to be performed under this contract is within the professional services category for establishing Minority-owned Business Enterprises (MBE), Woman-owned Business Enterprises (WBE), Small Business Enterprises (SBE), and/or Veteran-owned Business Enterprises (VBE) goals. The MBE, WBE and/or SBE goals for this contract are: 10 percent MBE and/or WBE, and 10 percent SBE. The VBE goal for this contract is 3 percent.

The tentative schedule for this contract is as follows:

Advertise	September 21, 2022
Proposals Received	October 21, 2022
Award	February 2, 2023
Completion	December 31, 2023

Funds for the 2023 expenditures in the amount of \$150,000.00 are available in Account 201-50000-612430 and are contingent on the Board of Commissioners' approval of the District's budget.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to advertise Contract 22-RFP-18.

Requested, Edward W. Podczerwinski, Director of Monitoring and Research, EWP:RA:JSG:DAB:mb
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 September 1, 2022

Attachment