



# 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 and enter into an agreement for Contract 17-RFP-30 Professional Services to Conduct Phosphorus Removal Feasibility Study for the Stickney Water Reclamation Plant, Group A, with AECOM Technical Services, Inc. in an amount not to exceed \$257,400.00, Account 201-50000-612430, Requisition 1464230

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** 1. 17-RFP-30 - Group A - Appendix A Report

Date	Ver.	Action By	Action	Result
3/1/2018	1	Board of Commissioners	Approved	Pass
3/1/2018	1	Committee of the Whole	Recommended	Pass

### TRANSMITTAL LETTER FOR BOARD MEETING OF MARCH 1, 2018

#### COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Issue purchase order and enter into an agreement for Contract 17-RFP-30 Professional Services to Conduct Phosphorus Removal Feasibility Study for the Stickney Water Reclamation Plant, Group A, with AECOM Technical Services, Inc. in an amount not to exceed \$257,400.00, Account 201-50000-612430, Requisition 1464230

Dear Sir:

Authorization is requested to issue a purchase order and enter into an agreement with AECOM Technical Services, Inc. (AECOM) to provide professional services for a phosphorus removal feasibility study for the Metropolitan Water Reclamation District of Greater Chicago (District).

Professional services are required to conduct a phosphorus removal feasibility study along with a supplemental task to complement the study for the Stickney Water Reclamation Plant (WRP). The feasibility study is a required condition in the National Pollutant Discharge Elimination System permit issued on July 6, 2017. The engineering services will include the following tasks:

1. Conduct a feasibility study for meeting a 0.5 mg/L, 0.3 mg/L and 0.1 mg/L of total phosphorus effluent limit
2. Update the whole plant hydraulic model

On July 19, 2017, Request for Proposal 17-RFP-30 was publicly advertised. Six hundred sixty-seven (667) firms were notified, with thirty-five (35) requesting proposal documents. Nine (9) proposals were received on September 1, 2017.

The proposals were reviewed and evaluated by a panel consisting of three members from the Monitoring and Research Department, one member from the Maintenance and Operations Department, one member from the Engineering Department, one member from the Law Department and one member from the Procurement and Materials Management Department. The criteria for these evaluations were outlined in Request for Proposal 17-RFP-30 and included: understanding of the project, approach to the work, cost of services, technical competence, financial stability, team effectiveness, compliance with insurance requirements, compliance with affirmative action, and submission of all necessary licenses and permits. Following the preliminary evaluation of proposals, it was determined that seven (7) proposers were acceptable finalists; these finalists were interviewed on October 25, 26 and 27, 2017. A solicitation was sent to each of the finalists on November 3, 2017, for an unqualified Best and Final Offer. The Best and Final Offers were returned to the Director of Procurement and Materials Management on November 13, 2017.

Based on the review of the proposals, the interviews, and the Best and Final Offers, AECOM was deemed the most suitable firm to conduct the phosphorus removal feasibility study and update the hydraulic model for the Stickney WRP. AECOM's high matrix score reflects the firm's experience conducting phosphorus removal feasibility studies for large wastewater treatment plants, the team members' extensive expertise and experience and the proposed comprehensive plan for accomplishing the required tasks. The evaluation team determined during its review that it is in the District's best interest to award the work for the three large District plants to three separate consultants to ensure that the District has access to multiple expert viewpoints regarding phosphorus removal and to allow for cross-validation of the work per the RFP required task.

The agreement for 17-RFP-30 will be in effect from the date of award through December 31, 2019.

The deliverables will include technical memorandums and presentations summarizing the project tasks, a fully developed and calibrated whole plant hydraulic model, and the required model training sessions.

The project team will consist of a project manager, project engineers, hydraulic and process modelers, other support teams and three sub-consultant firms as additional resources. A total of 1,510 hours are estimated for completion of the project tasks for the Stickney WRP.

The Diversity Section has reviewed the Proposal and has concluded that AECOM is in accordance with the District's Affirmative Action Policy. SPAAN Tech, Inc. and Fluid Clarity will fulfill the 20% MBE participation requirement and Environmental Design International, Inc. will satisfy the 10% WBE participation goals.

Inasmuch as the firm of AECOM possesses of a high degree of professional skill, it is recommended that the Director of Procurement and Materials Management be authorized to issue a purchase order and enter into an agreement per Section 11.4 of the Purchasing Act, in an amount not to exceed \$257,400.00.

Funds for 2018 expenditure, in the amount of \$160,000.00 are available in Account 201-50000-612430. The estimated expenditure for 2019 is \$97,400.00. Funds for the 2019 expenditure are contingent on the Board of Commissioners' approval of the District's budget for that year.

Requested, Edward W. Podczerwinski, Director of Monitoring and Research, EWP:KB:HZ:DKS:ra/ae  
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 March 1, 2018

Attachment