



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

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Title: Authority to advertise Contract 09-181-3P Battery C Airlift & Air Main Rehabilitation and Aeration Tanks No. 6, 7, and 8 Diffuser Plate Replacement, Stickney Water Reclamation Plant, estimated cost \$5,500,000.00, Account 401-50000-645750, Requisition 1380503

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Date	Ver.	Action By	Action	Result
7/10/2014	1	Board of Commissioners	Approved	Pass
7/10/2014	1	Committee of the Whole	Recommended	Pass

TRANSMITTAL LETTER FOR BOARD MEETING OF JULY 10, 2014

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to advertise Contract 09-181-3P Battery C Airlift & Air Main Rehabilitation and Aeration Tanks No. 6, 7, and 8 Diffuser Plate Replacement, Stickney Water Reclamation Plant, estimated cost \$5,500,000.00, Account 401-50000-645750, Requisition 1380503

Dear Sir:

Contract documents and specifications have been prepared for Contract 09-181-3P Battery C Airlift & Air Main Rehabilitation and Aeration Tanks No. 6, 7, and 8 Diffuser Plate Replacement, Stickney Water Reclamation Plant.

The purpose of this project is to replace the airlift sludge discharge boxes piping, ventilation system, and concrete top slab to maintain their intended functions and to preserve their structural integrity. The installation of slide gates and walkway bridges at each sludge box outlet will facilitate an easier and safe means of isolating the sludge discharge boxes from the East-West Return Sludge Channel in Battery C. The replacement of the corroded and leaking air main piping in the manholes will ensure proper air flow in the aeration system and promote energy conservation. The replacement of the fine bubble diffuser plates in Aeration Tanks 6, 7, and 8 of Battery C will increase oxygen transfer efficiency.

The project consists of the following:

1. Replacement of sludge discharge heads inside the airlift sludge discharge boxes.
2. Structural modification to the concrete sludge discharge boxes.

3. Replacement of ventilation ductwork to improve the sludge discharge boxes ventilation system.
4. Installation of new slide gates and slide gate frames at the airlift sludge discharge box outlets in the East-West Return Sludge Channel.
5. Installation of new walkway bridges over the East-West Return Sludge Channel at each sludge box outlet.
6. Replacement of the air main piping and Dresser couplings in the manholes along the aeration tank Y-walls and in the vaults at the Mixing Channel.
7. Replacement of the fine bubble diffuser plates and repair to the diffuser plate holders in Aeration Tanks 6, 7, and 8.

The estimated cost for this contract is \$5,500,000.00.

The bid deposit for this contract is \$250,000.00.

The contract specifications require that all work shall be completed within 720 calendar days after approval of the contractor's bond. Liquidated damages are \$1,000.00 for each calendar day that the contractor is in default of the time specified for failing to achieve substantial work completion and \$200.00 for each calendar day that the contractor is in default of the time specified for completion of the entire work.

The Multi-Project Labor Agreement will be included in this contract.

The Affirmative Action Interim Ordinance Appendix D will be included in this contract. The type of work to be performed under the contract is within the "Mechanical" category for establishing Minority-owned Business Enterprises (MBE), Women-owned Business Enterprises (WBE) and/or Small Business Enterprises (SBE) utilization goals. The MBE, WBE and/or SBE utilization goals for this contract are: 20% MBE, 9% WBE, and 10% SBE.

The tentative schedule for this contract is as follows:

Advertise	July 30, 2014
Bid Opening	August 26, 2014
Award	November 6, 2014
Completion	November 8, 2016

Funds are available in Account 401-50000-645750.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to advertise Contract 09-181-3P.

Requested, Catherine A. O'Connor, Director of Engineering, MVL:GR
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 July 10, 2014