



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

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Title: Authority to advertise Contract 13-246-3M Calumet TARP Screens, Calumet Water Reclamation Plant, estimated cost \$9,800,000.00, Account 401-50000-645600, Requisition 1377205

Sponsors:

Indexes:

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Attachments: 1. 13-246-3M Budget Book

Date	Ver.	Action By	Action	Result
8/7/2014	1	Board of Commissioners	Approved	Pass
8/7/2014	1	Committee of the Whole	Recommended	Pass

TRANSMITTAL LETTER FOR BOARD MEETING OF AUGUST 7, 2014

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to advertise Contract 13-246-3M Calumet TARP Screens, Calumet Water Reclamation Plant, estimated cost \$9,800,000.00, Account 401-50000-645600, Requisition 1377205

Dear Sir:

Contract documents and specifications have been prepared for Contract 13-246-3M Calumet TARP Screens, Calumet Water Reclamation Plant.

The purpose of this project is to replace the existing, manually cleaned bar screens, which are located upstream of the Tunnel and Reservoir Plan (TARP) pumping station, approximately 350 feet below ground with new screens which will be mechanically cleaned. The cleaning mechanism will be mounted on existing overhead crane rails at ground level and have a gripper which will travel down the shaft and remove the screenings from the bar screens, returning them to the surface for disposal. Even with the addition of the screen cleaning mechanism, there will be a decrease in maintenance costs for the screens due to the elimination of the manual cleaning operation. The installation of the mechanism will provide more frequent cleanings and a safer operation, as workers will no longer need to be lowered into the Wet Shaft via man basket in order to manually clean the screens. This project will restore dependability of equipment to the Calumet TARP pumping station, which is becoming increasingly important as the Thornton Reservoir nears completion.

The project consists of the following:

1. Replacement of the existing bar screens, located 350 feet below ground in the Wet Shaft.

2. Installation of guide channels and supports in the Wet Shaft to guide the gripper the full distance down to engage the bar screen.
3. Installation of the screen cleaning mechanism on existing crane rails in the Wet Shaft Equipment Room at ground level, including the addition of structural members.
4. Installation of associated electrical equipment and controls for the screen cleaning mechanism.
5. Modification of the Wet Shaft grating to provide hinged panels for gripper access to each side of the shaft.

It is estimated that 90 jobs will be created during this construction project.

The estimated cost of this project is \$9,800,000.00.

The bid deposit for this contract is \$392,000.00.

The contract specifications require that all work shall be completed within 1460 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	August 27, 2014
Bid Opening	October 7, 2014
Award	November 20, 2014
Completion	December 18, 2018

Funds are available in Account 401-50000-645600.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to advertise Contract 13-246-3M.

Requested, Catherine A. O'Connor, Director of Engineering, MVL:JAW
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 August 7, 2014

Attachment