



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 16-127-3D A/B and C/D Service Tunnel Rehabilitation - Phase Three, Stickney Water Reclamation Plant, estimated cost between \$16,625,000.00 and \$20,125,000.00, Account 401-50000-645750, Requisition 1567540

Sponsors:

Indexes:

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Attachments: 1. Contract 16-127-3D Project Fact Sheet, 2. Contract 16-127-3D Affirmative Action Goals Report

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

Authority to advertise Contract 16-127-3D A/B and C/D Service Tunnel Rehabilitation - Phase Three, Stickney Water Reclamation Plant, estimated cost between \$16,625,000.00 and \$20,125,000.00, Account 401-50000-645750, Requisition 1567540

Dear Sir:

Contract documents and specifications have been prepared for Contract 16-127-3D A/B and C/D Service Tunnel Rehabilitation - Phase Three, Stickney Water Reclamation Plant.

The purpose of this project is to perform localized repairs of deteriorated segments of various service tunnel structures within the Stickney Water Reclamation Plant. Some of these structures are over 80 years old and contain utilities vital to plant operations. This project is required to restore the structural integrity of deteriorated concrete slabs, walls, beams, and columns and restore them in such a way to prevent further accelerating deterioration.

The project consists of the following:

1. Structural rehabilitation of approximately 1050 lineal feet of the A/B Service Tunnel, 1050 lineal feet of the C/D Service Tunnel, 733 lineal feet of the South R&D Tunnel, and 225 lineal feet of the E-W Aerated Grit Tunnel.
2. Replacement of the roof and walls on approximately 100 lineal feet of the South R&D Tunnel.
3. Concrete repairs in the gallery between Buildings 70 and 71.

4. Installation of waterproofing membrane at locations which are excavated to perform tunnel repairs.
5. Temporary and/or permanent relocation of electrical, mechanical and process utilities inside the tunnels.
6. Permanent removal of abandoned electrical conduits and mechanical piping from the tunnels.
7. Installation or repair of pipe racks, piping, electrical conduits, lighting and mechanical equipment in the A/B and C/D Service Tunnels and the South R&D Tunnel.
8. Modifications and upgrades of the A/B and C/D Service Tunnel ventilation systems, including electrical feeds, fans, ductwork and associated appurtenances.
9. Repair and insulate Batteries A, B, C and D Air Mains inside the operating galleries.
10. Localized excavation and backfilling required for the repairs of the A/B and C/D Service Tunnels and the South R&D Tunnel. Provide earth retention as indicated and as required.
11. Roadway and parking area improvements, including new pavement.
12. Installation of buried piping, manholes and sumps for the tunnel drainage system.
13. Regrading and reseeding the area of work.

It is estimated that 175 jobs will be created or saved as a result of award of this contract with an estimated 85,300 man-hours of skilled trades utilized.

The estimated cost for this contract is between \$16,625,000.00 and \$20,125,000.00. The cost range will be stated in the advertisement for bids.

The bid deposit for this contract is \$600,000.00.

The contract specifications require that all work commence 30 days after approval of the contractor's bond and shall be completed within 1,035 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 Ordinance, Revised Appendix D will be included in this contract. The type of work to be performed under the contract is within the "Construction Services" category for establishing Minority-owned Business Enterprises (MBE), Women-owned Business Enterprises (WBE), Small Business Enterprises (SBE) and Veteran-owned Business Enterprises (VBE) utilization goals. The MBE, WBE, SBE and VBE utilization goals for this contract are: 20 percent MBE, 10 percent WBE, 10 percent SBE and 3 percent VBE.

The tentative schedule for this contract is as follows:

Advertise	September 22, 2021
Bid Opening	October 26, 2021
Award	December 2, 2021
Completion	December 1, 2024

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 16-127-3D.

Requested, Catherine A. O'Connor, Director of Engineering, GR:GRR

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 2, 2021

Attachments