

## Committee Report

*Business Item No. 2015-131*

### Environment Committee

Meeting date: June 9, 2015

For the Metropolitan Council meeting of June 24, 2015

<b>Subject:</b> Authorization to Execute Engineering Services Agreements for Interceptor Projects
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#### Proposed Action

That the Metropolitan Council authorizes the Regional Administrator to execute five-year full service engineering agreements for interceptor projects, each in an amount not-to-exceed \$4,000,000, with Brown and Caldwell, Foth Infrastructure and Environment, LLC, H.R. Green, Inc., Short Elliot Hendrickson, Inc., and TKDA.

#### Summary of Committee Discussion/Questions

Staff clarified the thickness of the liner used varies from 7mm to 36mm depending on the pipe depth, pipe size, the groundwater level, and the deterioration of the pipe. Each contractor will not receive the exact same work. Assignments are made to the firm(s) based upon each firm's expertise and abilities. Work assignments will be balanced to the extent possible. Each contract is \$4 million and will be fully utilized.

**Motion to approve the proposed action was made, seconded, and passed unanimously.**

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**Subject:** Authorization to Execute Engineering Services Agreements for Interceptor Projects

**District(s), Member(s):** All

**Policy/Legal Reference:** Council Policy 3-3, Expenditures

**Staff Prepared/Presented:** Scott Dentz, 651-602-4503

**Division/Department:** MCES c/o Leisa Thompson, 651-602-8101

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### Background

The Metropolitan Council Environmental Services (MCES) Capital Improvement Program anticipates spending approximately \$100 million annually for interceptor system capital improvements, primarily for rehabilitation and or replacement of aging deteriorated facilities. To support MCES' priority on preserving its wastewater infrastructure, a comprehensive approach to condition assessment, project prioritization, and project implementation is being implemented. An essential element is availability of the necessary contracted engineering services to support this approach, preferably with locally based staff knowledgeable about MCES facilities and local geology. Several projects have engineering services agreements in place to prepare design documents and to support MCES during construction. Additional engineering services are required to implement our interceptor system capital program.

The proposed engineering services contracts have been structured as master contracts, whereby MCES defines a work assignment, obtains a proposal from the engineering firm, and issues a work order for the assignment. The Request for Proposals for Engineering Design and Construction Support Services for Interceptor Projects specified a not-to-exceed contract amount of \$4,000,000 each. Terms of each contract shall be five years. The contracts shall comply with Public Facilities Authority requirements, including goals of 7.5% Woman Business Enterprise (WBE) and 7.5% Minority Business Enterprise (MBE) participation.

A Request for Proposals for the engineering services contracts was issued on February 20, 2015. Nine proposals were received on March 19, 2015. Evaluation criteria were: (1) service delivery plan; (2) proposer experience and qualifications; (3) quality of the proposal. Price (salary rates and indirect costs) were reviewed and according to Brooks Act requirements these items have been negotiated with each firm. The five firms recommended by the Evaluation Committee met the MBE and WBE participation goals. The recommended firms and selection rationale follow:

1. Brown and Caldwell: St. Paul office has highly experienced project managers as well as experienced designers in each of the primary engineering disciplines. Demonstrated use of MBE

and WBE firms and a specific training/mentoring approach is another distinguishing factor. Recent project include Deep Interceptor Inspections; Minneapolis Odor Control Air Flow Testing and Evaluation; Seneca Interceptor System Improvements Phases 1, 2, and 3; Brooklyn Park Lift Station L32 Force Main River Crossing; Burnsville Interceptor 7030 Rehabilitation; Interceptor 1-MN-344 Rehabilitation; Chaska Lift Station L71 Lift Station Improvements; West Meters Odor Control and Regulators R06, R10, and R12 Improvements; 1-MN-344 Tunnel and Regulator R04 Improvements; Wayzata Area Improvements (Lift Station L26, Force Main Phases 1, 2, 3, and 4); Orono Interceptor 7113 Improvements;

2. Foth Infrastructure and Environment, LLC: Local office has highly experienced project managers and several other experienced engineers who have worked successfully on MCES projects. Recent projects include 1-GV- 461 Lift Station L81; Interceptors 1-MN-341,342, 343, and 343A Rehabilitation; Trenchless Phase 3 Interceptor Rehabilitation; North area Improvements Phases 1, 5, 6, & 8; St. Bonifacious 7020 System Improvements (Lift Station L24 and Force Main)
3. HR Green: St. Paul office has highly experienced project managers and experienced engineers in each of the primary engineering disciplines. Recent MCES project experience includes Mound System Improvements (Lift Station L38 replacement, Interceptor 6-MO-650 Improvements, Interceptor 6-MO-651 Improvements, Lift Station L39 Replacement, West Area Maintenance Base replacement); North Area Interceptor Rehabilitation Phases 2, 3, and 7; and the Hopkins L27 Lift Station Improvements.
4. Short Elliot Hendrickson, Inc.: St. Paul office has highly experienced project managers and experienced engineers in each of the primary engineering disciplines. Demonstrated use of MBE and WBE firms and a specific training/mentoring approach is proposed. Recent MCES project experience includes St Paul Temporary Metering Improvements; Meter Stations Improvements Phases 1, 2, and 3; Hugo and Minnetrista Meters Rehabilitation; Apple Valley Meter M644A Improvements. Firm is very experienced in flow monitoring and useful in system capacity and improvement planning activities.
5. TKDA: St. Paul office has highly experienced project managers and experienced engineers in each of the primary engineering disciplines. MCES project experience includes Interceptor 1-MN-330 Rehabilitation; Interceptor 7019B Rehabilitation; MCES Metropolitan Wastewater Treatment Plant (WWTP) Double Barrel Improvements; St Croix Valley WWTP Outfall Improvements. Other agency experience includes Trout Brook Interceptor Improvements (Capital Region Watershed District); In-situ Water Main Lining (City of Edina); Lift Station No. 2 (St. Louis Park); Phase IV Interceptor Rehabilitation (St. Cloud); Interceptor Rehabilitation (Western Lake Superior Sanitary District).

### **Rationale**

Professional services contracts with an amount exceeding \$500,000 require Metropolitan Council approval.

### **Funding**

Funding is provided by the MCES Capital Program.

### **Known Support / Opposition**

There is no known opposition.