

Business Item 2017-17: Plant Engineering Master Contracts, 16P125 A-E

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Environment Committee: January 10, 2017



Background

- Full service and process mechanical engineering services are needed to implement the authorized capital program for wastewater treatment plants
 - \$40 million per year
 - 5 year contract term
- Thrive Outcomes:
 - Stewardship by efficiently and effectively preserving our regional wastewater treatment plant assets
 - Sustainability through water conservation/reuse and energy conservation/generation at our plants

Background-continued

- 16P125 Group A: Wastewater Treatment Plant Mechanical Process
 - Covers specialized process work
 - Level of effort estimate = \$12,000,000
- 16P125 Group B: General Wastewater Treatment Plant
 - Full range of engineering disciplines
 - Level of effort estimate = \$8,000,000

Planned Projects at the Metro



Odor Control

SMB Energy Performance Improvements

Ash Handling & Scum Improvements

Civil/Site Work

Secondary Aeration System Renewal

Other Example Projects

16P125 Group A – Wastewater Treatment Plant Mechanical Process

- Metro reuse water system expansion
- Scum processing upgrades at Blue Lake
- Eagles Point diffuser replacement

16P125 Group B – General Wastewater Treatment Plant

- Metro Channel Mixing Improvements
- Replace deteriorated plant roads
- Regional Plant Improvements

Proposal Solicitation & Review

- Request for Proposals issued June 23, 2016
- 10 proposals received July 26, 2016
- Meets participation goals for Disadvantaged Business Enterprises (DBEs)
 - Minority Business Enterprise (MBE) goal of 7.5%
 - Women's Business Enterprise (WBE) goal of 7.5%

Proposal Evaluation

- Two Firms stood out with strengths most closely aligned to the Group A scope of work:
 - Brown & Caldwell and Black & Veatch
- Three firms stood out with strengths most closely aligned to the Group B scope of work
 - SEH, HR Green, and TKDA

Proposed Action

- That the Metropolitan Council authorize its Regional Administrator to award and execute master contracts for wastewater treatment plant projects:
 - Group A Contract Numbers 16P125 A & B with Brown and Caldwell and Black and Veatch, each at \$6,000,000; and
 - Group B Contract Numbers 16P125 C, D, & E with HR Green, SEH and TKDA, each at \$2,500,000.

Questions