



Professional Engineering Services Black and Veatch Corporation File ID 23-946

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Background

- Specialized engineering services for DME CIP projects and regulatory compliance support.
- RFQ 8031 for professional engineering services pre-qualified list was approved by City Council 12-13-2022
- Black and Veatch Corporation scored highest in the following categories:
 - Electric Substation Design
 - NERC, TRE, EPA, & ERCOT Compliance Support
 - Owner Engineer Services
 - Other Engineering Service

Scope of Work

Amount for the contract was calculated based hourly rates for applicable DME CIP projects. Projects include:

- Brinker Substation Battery Storage
- Bonnie Brae Substation Upgrade
- Underwood Substation
- Brinker Substation Phase 2
- Denton West Breaker Replacement
- RD Wells Bus Upgrade
- Spencer Switch Retirement
- NERC/ERCOT/TRE Compliance Support
- RTU Replacement Upgrade at Various Sites
- HMI Integration
- 61850 Integration
- Relay Settings Consultation
- Relay Replacement/Upgrade at Various Sites
- Miscellaneous Substation Design and Analysis

Recommendation

- Staff recommends awarding a contract with Black and Veatch Corporation for professional engineering services for three (3) years, with the option for two (2) additional one (1) year extensions, in the total five (5) year not to exceed amount of \$4,244,870.84.
- The contract does not obligate DME to expend the entire contract amount, not does it require any minimum expenditure.
- A majority of the contracted services are recoverable through the Public Utility Commission (PUC) Transmission Cost of Services (TCOS) Program.

Questions?