



# **RFQ 6230**

## **Denton Energy Center Owner's Engineer Item PUB17-022 Approval**

**Public Utilities Board**

**March 13, 2017**



# **Topics for Discussion**

- **Purpose of an Owner's Engineer**
- **Evaluation Team**
- **Evaluation Summary**
- **Current Status**
- **Scope of Work**
- **Staff Recommendation**
- **Next Steps**



# Purpose of an Owner's Engineer

- **Required pursuant to Texas Government Code 2269, Section 2269.355 and 2269.356 for Design-Build contracts**
  - **Oversight of design and construction**
  - **Independent inspection and testing services**
  - **Verification testing services**
- **The cost of the Owner's Engineer scope is included in the overall project budget**

**RECAP**



# Evaluation Team

**RECAP**

- **Shelby Maloy – EMO**
- **Jose Gaytan – EMO**
- **Jerry Fielder – Electric Engineering**
- **Chris Lutrick – Electric Engineering**



# RFQ Evaluation Criteria (EC)

- **EC1: Understanding of the City's requirements**
  - **20%**
- **EC2: Experience on similar projects**
  - **40%**
- **EC3: Respondent and key personnel qualifications**
  - **40%**

**RECAP**



# RFQ 6230 Evaluation Summary

Qualified Respondents	EC1 (20%)	EC2 (40%)	EC3 (40%)	Total (%)
Leidos	20%	40%	40%	100%
Black & Veatch	20%	40%	40%	100%
Stanley Consultants	20%	40%	40%	100%
Zachry Group	20%	40%	40%	100%
Kiewit	20%	38%	40%	98%
Sega, Inc.	20%	36%	36%	92%
Enercon	20%	35%	35%	90%

**RECAP**



**RECAP**

# RFQ 6230 Evaluation Summary

Qualified Respondents	References	Years Experience (Personnel)	EPC Relation	Texas Experience	Project size and complexity of 220 MW	Texas P.E.	Texas Office
Leidos	96%	255 yrs.	✓	✓	✓	✓	✓
Black & Veatch	96%	223 yrs.		✓	✓	✓	✓
Stanley Consultants	97%	188 yrs.		✓		✓	✓
Zachry Group	81%	*					

\*Due to low reference scores of projects of similar size and complexity Zachry Group was excluded from further consideration



# Current Status

**RECAP**

- **PUB approved staff recommendation on 12/12/16 for Leidos as Owner's Engineer**
  - **The City and Leidos could not come to an agreement**
- **The City moved on to the 2<sup>nd</sup> rated respondent**
  - **Black and Veatch**
- **Legal will provide Owner's Engineer Contract**
- **Scope of work is an Exhibit to the contract**



# Scope of Work

- **Design and Construction Support**
  - **EPC Vendor Management**
  - **Engineering and Design Review**
  - **Construction Monitoring**
  - **Commissioning and Start-up Review**
- **Air Emissions Testing**
  - **Develop Emissions Testing Specifications**
  - **Bid Review and Contract Conformance**
  - **Review Emissions Contractor Test Protocol**
  - **Attend TCEQ Meeting Prior to Testing**
  - **Test Coordination/Contract Supervision**
  - **Review Emissions Test Reports**



# **Staff Recommendation**

**Staff recommends PUB recommend approval to City Council of a contract with Black and Veatch in an amount not to exceed \$963,930 for Owner's Engineer services.**

