



**Brazos River Authority**

# ***DeCordova Bend Dam Inspection Contract***

***Presented by  
Blake Kettler  
Technical Services Manager***

***Meeting Date: May 22, 2023***

# ***TCEQ Inspection Requirements***

## **Texas Administrative Code:**

### **Chapter 299.42 (a)**

- High-hazard dams shall be inspected once every five years.
- Large dams, as defined in §299.13 of this title (relating to Size Classification Criteria)

### **Chapter 299.42 (b)**

- The owner shall inspect the dam and appurtenant structures on a regular time frame as part of the owner's operation and maintenance procedures
- The owner or the owner's representative shall perform maintenance inspections at least once a year.



# ***RFP No. 22-04-1253***

## **Received (5) Proposals**

- Rizzo International, Inc.
- Stantec Consulting Services, Inc.
- McMillen Jacobs Associates
- Walter P Moore and Associates, Inc.
- **Schnabel Engineering, LLC**

***Meeting Date: May 22, 2023***





# ***Annual Inspection Scope***

***(2023/2024/2026/2027)***

- **Records Review**
- **Plan Review**
- **Inspection**
- **Dam Maintenance Inspection Report**





# ***5-Year Inspection Scope (2025)***

- **Review of Project Records**
- **Site Inspection**
- **Downstream Range Line Surveying Services**
- **Precision Range Line Surveying Services**
- **Dam Engineering Inspection Report**





# Proposed Fee

Task	Fee
Task 1: 2023 Annual Maintenance Inspection	\$148,064.00
Task 2: 2024 Annual Maintenance Inspection	\$123,346.00
Task 3: 2025 5YR Engineering Inspection/Precision and Range Line Survey	\$400,599.00
Task 4: 2026 Annual Maintenance Inspection	\$135,993.00
Task 5: 2027 Annual Maintenance Inspection	\$142,794.00
Total:	\$950,796.00

**“WHEREAS, the Brazos River Authority is pursuing external comprehensive inspection services for DeCordova Bend Dam including all disciplines necessary to meet and maintain compliance with the inspection and reporting requirements of Texas Administrative Code (TAC) 299.42 and regulated by the Texas Commission on Environmental Quality (TCEQ) for high-hazard and large dams;**

**WHEREAS, the contemplated inspection efforts are in addition to internal inspections performed by Brazos River Authority staff to ensure safety and proper operation of our dam facilities from an unbiased external viewpoint;**



**WHEREAS, previously external comprehensive inspection services for DeCordova Bend Dam were acquired through separate contracts, but to improve efficiency from a procurement standpoint and to maintain compliance from a procurement statutory and policy perspective, these services have now been combined;**

**NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Brazos River Authority hereby authorizes the General Manager/CEO to negotiate and execute a contract with Schnabel Engineering, LLC for engineering services required to complete the annual inspections and 5-year inspection in a five-year term for DeCordova Bend Dam for an amount not to exceed \$950,796.00.”**





**Brazos  
River  
Authority**