



Morris Sheppard Dam Inspection Contract

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

Meeting Date: January 30, 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.



RFB No. 22-04-1256

Received (5) Proposals

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

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5-Year Inspection Scope

- **Review of Project Records**
- **Underwater Diving Services**
- **Site Inspection**
- **Precision Surveying Services**
- **Downstream Range Line Surveying Services**
- **Dam Inspection Report/Survey Reports**

Annual Inspection Scope

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

Proposed Fee

Task	Fee
Task 1: 2023 5YR Engineering Inspection/Precision and Range Line Survey	\$499,650.00
Task 2: 2024 Annual Maintenance Inspection	\$179,315.64
Task 3: 2025 Annual Maintenance Inspection	\$165,560.90
Task 4: 2026 Precision and Range Line Survey	\$169,848.00
Task 5: 2026 Annual Maintenance Inspection	\$165,580.90
Task 6: 2027 Annual Maintenance Inspection	\$165,615.90
Total:	\$1,345,571.34

“WHEREAS, the Brazos River Authority is pursuing external comprehensive inspection services for Morris Sheppard 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 Morris Sheppard 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 Walter P. Moore and Associates, Inc. for engineering services required to complete the annual inspections and 5-year inspection in a five-year term for Morris Sheppard Dam for an amount not to exceed \$1,345,580.00.”



**Brazos
River
Authority**