



City of Mesquite, Texas

Legislation Text

File #: 19-4229, **Version:** 1

Bid No. 2019-083 - Palos Verdes Dam Modifications & Park Improvements.

(Authorize the City Manager to finalize and execute a contract with low bidder McMahon Contracting, LP, for the Base Bid and Additive/Alternate Bid, in the amount of \$1,438,565.33.)

Name of Department

Public Works

Project/Budgeted Amount

\$1,891,300.46

Sum of Bid/Bid Amount

\$1,438,565.33

The Texas Commission of Environmental Quality (TCEQ) Dam Safety Regulations enacted in 2009 require the development of hydrologic and hydraulic information for dams including a dam breach analysis. The study for Palos Verdes Lake and Dam indicates that the dam spillway must pass 75 percent of the Probable Maximum Flood (PMF).

This project is to replace the existing rusted corrugated metal overflow with a new concrete overflow structure and to modify the emergency spillway to accommodate the required 75 percent of the PMF flows. Other project elements include the extension of a large storm sewer pipe from the downstream face of the dam to Northwest Drive to eliminate the severe erosion occurring in the park near Northwest Drive and the addition of a new parking lot which will contain approximately 20 parking spaces.

Financial Implications

The FY 2019 budget includes \$1,600,000.00 from the Drainage Utility District (DUD) and \$291,300.46 of 4B funds.

Recommended/Desired Action

Staff recommends award of the contract, to include the base bid, and the Additive/Alternate Bid, to low bidder, McMahon Contracting, LP.

Attachment(s)

Recommendation Letter

Bid Tabulation (Purchasing)

Location Map

Drafter

Curtis J. Cassidy, P.E.

Head of Department

Matthew Holzapfel, P.E.