



## AGENDA MEMORANDUM

Action Item for the City Council Meeting of June 23, 2020

**DATE:** June 23, 2020

**TO:** Peter Zaroni, City Manager

**FROM:** Kevin Norton, Director of Water Utilities  
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### Lifting Beam at Choke Canyon Dam

#### **CAPTION:**

Motion authorizing a six-month service agreement with Blastco Texas, Inc. in the amount of \$85,000.00 for the fabrication and installation of a lifting beam used by the Utilities Department at Choke Canyon Dam for crane operations, effective upon issuance of notice to proceed, with FY 2020 funding in the amount of \$85,000.00 available in the Water Fund.

#### **SUMMARY:**

This authorizes a six-month service agreement for the purchase and installation of a lifting beam for the stoplogs at Choke Canyon Dam. Stoplogs are massive panels that are stacked in channels in front of the dam gate to block water flow during maintenance and repair operations or during emergencies if a dam gate fails. Blastco Texas, Inc. will provide a turnkey service that includes the fabrication and installation of a new lifting beam unit and the removal of the current unit.

#### **BACKGROUND AND FINDINGS:**

The stoplog lifting beam is almost 30 years old and is bent beyond serviceability. It was bent in February 2019 during installation of the stoplogs during construction warranty repairs of a gate and was bent further in September 2019 during removal of the stoplogs when the warranty work was completed. As part of an engineering evaluation of the gate control systems at the spillway and outlet works of Choke Canyon Dam, it was determined the stoplog lifting beam was bent beyond repair. To prevent reoccurrence, the new beam will be fabricated using high-strength steel that is stronger and more corrosion-resistant than the original lifting beam steel.

The Contracts and Procurement Department conducted a competitive Request for Bid

process to obtain bids for a new contract. The City received one responsive, responsible bid, and is recommending award to Blastco Texas, Inc. for the fabrication and installation of a gantry crane lifting beam in the amount of \$85,000. City staff determined the price to be fair and reasonable for this single bid as the Engineers Estimate for this work was \$102,000.

**ALTERNATIVES:**

An alternative to proceeding with the replacement of current lifting beam is for staff to continue operating the lifting beam to failure, which can result in public health and safety issues due to flooding if a gate fails and the stoplogs cannot be installed. This lifting beam is essential for maintenance functions as well as for emergency safety operations at Choke Canyon Dam.

**FISCAL IMPACT:**

The fiscal impact in FY 2020 for the Utilities Department is in the amount of \$85,000.00 for the purchase and installation of a gantry crane lifting beam for stoplogs at Choke Canyon Dam.

**Funding Detail:**

Fund:	4010 Water
Organization/Activity:	30210 Choke Canyon Dam
Mission Element:	061 Manage raw water storage
Project # (CIP Only):	
Account:	530000 Professional Services

**RECOMMENDATION:**

Staff recommends approval of this motion authorizing a six-month service agreement with Blastco Texas, Inc. for one gantry crane lifting beam as presented.

**LIST OF SUPPORTING DOCUMENTS:**

Bid Tabulation  
Service Agreement