



AGENDA MEMORANDUM

Action Item for the City Council Meeting September 17, 2024

DATE: September 17, 2024

TO: Peter Zaroni, City Manager

FROM: Brett Van Hazel, Director of Asset Management
Brettvh@cctexas.com
(361) 826-3273

Josh Chronley, Assistant Director of Finance & Procurement
JoshC2@cctexas.com
(361) 826-3169

Purchase of Kut Kwick Slope Master Mower for the Corpus Christi Water Department

CAPTION:

Resolution authorizing the purchase of one replacement Kut Kwick slope master mower from Kut Kwick Corporation, of Brunswick, Georgia, to mow grass and tall brush at the Wesley Seale Dam for the Corpus Christi Water Department, in the amount of \$84,000.00, with FY 2024 funding from the Vehicle Equipment Replacement Fund.

SUMMARY:

This resolution authorizes the purchase of a Kut Kwick slope master mower from Kut Kwick Corporation to mow grass and tall brush at the Wesley Seale Dam for the Corpus Christi Water Department.

BACKGROUND AND FINDINGS:

Wesley Seale Dam consists of over 3,000 feet of grass covered dam embankments. The Corpus Christi Water (CCW) Department's maintenance crews perform inspections on the grass covered dam embankments two to three times per month. The purpose of the inspections is to look for things such as burrowing rodents, ant hills, wet spots, sink holes, or cracking. To allow for thorough inspections of the dam embankments, the grass along the dam embankments is maintained at a maximum height of five inches, this occurs prior to each inspection. Immediately after mowing is completed, inspections of the dam embankments are performed. These inspections are a critical component of preventing catastrophic failure of the dam embankments. If a failure were to occur, it could result in the loss of life and/or property.

The Kut Kwick mower is the only brand of mower on the lawn mower market that is designed to safely perform on slopes up to 40-degrees. CCW's maintenance crews regularly mow steep embankments of 30-degrees or more at the Wesley Seale Dam. The Kut Kwick slope master mower meets all of CCW's required specifications, the most critical of which is the ability to perform slope mowing operations.

CCW currently operates two Kut Kwick mowers, one at Wesley Seale Dam and one at Choke Canyon Dam. The current Kut Kwick mower at Wesley Seale Dam is 14-years old and beyond its useful life. The replacement Kut Kwick mower will replace the current Kut Kwick mower at Wesley Seale Dam. The current Kut Kwick mower at Choke Canyon Dam is three years old and still within its useful life, so it does not need to be replaced.

CCW has previously purchased other Kut Kwick mowers and have been satisfied with their safety features and performance.

PROCUREMENT DETAIL:

This procurement falls under Local Government Code 252.022.(2)(a), a procurement necessary to preserve or protect the public health or safety of the municipality's residents. This procurement also falls under Local Government Code 252.022 (7)(A), items that are available from only one source because of patents, copyrights, secret processes, or natural monopolies. Kut Kwick mowers can operate on slopes up to 40-degrees; a capability which is proprietary and exclusive to their product line.

ALTERNATIVES:

The alternative is not to approve the purchase of the Kut Kwick slope mower. However, there is not a current viable alternative other than hand operated devices or chemical applications. Without the Kut Kwick slope mower, the mowing and inspection processes will lose efficiency which could lead to the possibility of loss of dam failure. Dam failure could result in the loss of life and/or property.

FISCAL IMPACT:

The fiscal impact for the Fleet Equipment Replacement Fund in FY 2024 is \$84,000.00. There will not be a remaining amount to be budgeted in future years.

FUNDING DETAIL:

Fund: 5111 Equipment Replacement
Organization/Activity: 30201 Water Supply Fleet
Mission Element: 13 Fleet Maintenance
Project # (CIP Only): N/A
Account: 550020 Vehicles & Machinery
Amount: \$84,000.00

RECOMMENDATION:

Staff recommends authorizing the purchase of one replacement Kut Kwick slope master mower from Kut Kwick Corporation, as presented.

LIST OF SUPPORTING DOCUMENTS:

Price Sheet