



AGENDA MEMORANDUM

Action Item for the City Council Meeting June 27, 2023

DATE: June 27, 2023

TO: Peter Zaroni, City Manager

FROM: Michael Murphy, Chief Operations Officer for Corpus Christi Water
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Service Agreement for Water Conservation Education

CAPTION:

Resolution authorizing a one-year service agreement with the Nueces River Authority of Uvalde, Texas, for an amount not to exceed \$61,125.23 to provide water conservation education to approximately 4,021 students in local school districts, with FY 2023 funding of \$6,261.16 from the Water Fund.

SUMMARY:

This item is to approve a one-year service agreement with zero options to provide water conservation education for approximately 4,021 5th grade students in six local school districts within the City of Corpus Christi.

BACKGROUND AND FINDINGS:

The proposed education and outreach efforts will focus on 5th grade students, reaching approximately 4,021 students in six local districts. These districts include Corpus Christi ISD (2,745 students); London ISD (120 students); Tuloso-Midway ISD (291 students); Calallen ISD (294 students); West Oso ISD (175 students); and Flour Bluff ISD (396 students) respectively.

Nueces River Authority's Water Conservation Education Program is an existing program implemented in 2004 with an active presence in the area. Previous presentations were conducted at CCISD and London ISD, but this will allow the NRA to reach all six local

districts. The Program has been extremely successful and reaches thousands of students each year.

NRA's teaching staff will utilize NRA's aquifer model, seven-foot-long scaled relief model of the Oso Creek Watershed, and award-winning science curriculum to demonstrate water conservation, watershed function, non-point source pollution, and the relationship between creeks, aquifers, and the bay. NRA teaching staff will deliver a slide show presentation to introduce the subject matter, to discuss the importance of water conservation and then gather the students around the models for an interactive demonstration. Following the demonstration, NRA's staff will ask students to commit to at least three ways they can conserve water each day. NRA's educators will provide follow-up coursework for students to test their subject matter retention.

The curriculum reinforces 5th grade Texas Essential Knowledge and Skills (TEKS) and cultivates students' understanding of our water resources, including watersheds and river basins. This interactive, 90-minute, hands-on lesson helps students see where their water comes from and where it goes.

The annual program report will include pledges, select artwork, program evaluations and the total number of students and schools reached.

All source materials will reflect sponsorship by Corpus Christi Water.

Nueces River Authority is the only entity offering this Water Conservation Education curriculum.

PROCUREMENT DETAIL:

In accordance with Local Government Code, Section 252.022(a)(2), this purchase is necessary to preserve or protect the public health or safety of the City's residents.

ALTERNATIVES:

An alternative would be to not contract this program. Another alternative would be for our staff to develop a program which would include staff to teach water conservation at Corpus Christi independent school districts.

FISCAL IMPACT:

The fiscal impact for Corpus Christi Water in FY 2023 is \$6,261.16.

FUNDING DETAIL:

Fund:	4010 Water Fund
Organization/Activity:	30020 Water Resources
Department:	45 Water
Project # (CIP Only):	N/A
Account:	530500 Printing Advertising & PR

RECOMMENDATION:

Staff recommend approval of the Resolution as presented.

LIST OF SUPPORTING DOCUMENTS:

Service Agreement
Resolution