



CITY OF
CORPUS CHRISTI

AGENDA MEMORANDUM
Presentation for the City Council Meeting

DATE: May 5, 2026
TO: Peter Zaroni, City Manager
FROM: Nicholas J. Winkelmann, P.E. Chief Operating Officer
NickW@corpuschristitx.gov
361-826-1796

Motion to Determine if City Staff is to Evaluate a Business Proposal for Future Desalination Water Supply as Developed by AXE H2O.

CAPTION:

Motion to Determine if City Staff is to Evaluate a Business Proposal for Future Desalination Water Supply as Developed by AXE H2O.

SUMMARY:

This proposed motion, if approved, would authorize City Staff to evaluate a forthcoming proposal to develop a future seawater desalination water supply by AXE H2O.

BACKGROUND AND PURPOSE:

AXE H2O is developing a proposal for the City of Corpus Christi for potable water. This project will be privately funded.

According to Axe H2O, the proposed plant would produce 150 Million Gallons per Day (MGD). The plant will include dedicated natural gas generation, off-grid power and seawater reverse osmosis (SWRO) technology. The design will have a deep-sea Gulf intake, with a dedicated offshore 8-mile pipeline for the brine discharge, in a HB 2031 designated green zone. The water delivery point will be a metered custody transfer at the AXE plant.

ALTERNATIVES:

Proposals for new water supply projects are very complex and have varying levels of cost, delivery time frames, and challenges associated with them. This process will allow staff to properly evaluate a potential project plan.

FISCAL IMPACT:

No fiscal budget impact at this time.

RECOMMENDATION:

Staff requests Council to provide direction to review any further forthcoming water supply business proposal as developed by AXE H2O.

LIST OF SUPPORTING DOCUMENTS:

Presentation