



# Memorandum

**TO:** Raj Verma, Utilities Director  
**FROM:** Purchasing  
**THRU:** Ryan Eggleston, City Manager  
**DATE:** December 12, 2023

**SUBJECT:** Nanofiltration Membrane Replacement, ITB 2023-3-UTL

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The Purchasing Division issued an Invitation to Bid (ITB) for Nanofiltration Membrane Replacement, ITB #2023-3-UTL. This formal competitive solicitation process complies with the City of Cooper City procurement requirements. Details of the competitive solicitation process are as follows:

- The ITB was broadcast on September 29, 2023, to two thousand two hundred and ten (2,210) prospective bidders via the DemandStar. Additionally, the ITB was advertised in the legal notices section of the Sun-Sentinel.
- The Utilities Staff and Purchasing conducted two (2) Mandatory pre-bid meetings that allowed attendees to ask technical questions and site visits of the Water Treatment Plant.
- Thirty-four (34) vendors downloaded the bid documents of the ITB.
- On November 21, 2023 at 3:00 P.M. EST, the Purchasing Division closed and unsealed three (3) responses. The responses were reviewed by the Purchasing Division to ensure the responses met the ITB requirements.
- The apparent lowest responsive and responsible offer, H2O Innovation USA, Inc. met all the ITB requirements.
- The Purchasing Division relayed the submittals to the utility staff and Hazen & Sawyer, engineer of record, for additional review and concluded that H2O Innovation USA, Inc.'s response met all the requirements of the ITB.
- Staff and the engineer of record convened with the approval from the city attorney's office with the lowest responsive, responsible bidder to gather clarification on the submittal amount and timeline proposed.
- Reference checks were conducted on H2O Innovation USA, Inc. and revealed positive ratings.

In summary, H2O Innovation USA, Inc. is the lowest, most responsive, and responsible offer able to meet the ITB requirements; therefore, the award recommendation of this contract is to H2O Innovation USA, Inc.

Att. Tabulation Summary, Bid Tabulation, Scope of Work

cc: Hamid Nikvan, Assistant Director of Utilities



**BID TABULATION**

**Bid No.:** ITB 2023-03-UTL  
**Bid Title:** Nanofiltration Membrane Replacement  
**Bid Opening Date:** 11/21/2023 @ 3:00PM  
**Distribution Stats:** 34 Planholders, 2,210 Bidders Notified, 3 Bids Received

Vendor Name	H2O INNOVATION USA, INC	AEREX INDUSTRIES, INC	CONTI, LLC
<b>FEIN</b>	20-5584930	65-0258708	38-1884765
<b>Bid Form</b>	Received	Received	Received
<b>List of Subcontractors/Suppliers</b>	N/A	N/A	Received
<b>Reference Form</b>	Received	Received	Received
<b>Public Entity Crimes (PEC) Form</b>	Received	Received	Received
<b>ADA Affidavit</b>	Received	Received	Received
<b>Business Entity Affidavit</b>	Received	Received	Received
<b>Bidder's Foreign (Non-Florida) Corporate Statement (If applicable)</b>	Received	N/A	N/A
<b>W-9, Request for Taxpayer Identification Number</b>	Received	Received	Received
<b>Proof of Workers Compensation Insurance or Exemption</b>	Received	Received	Received
<b>Proof of Liability Insurance</b>	Received	Received	Received
<b>Ownership Disclosure Affidavit</b>	Received	Received	Received
<b>Drug-Free Workplace Certificate</b>	Received	Received	Received
<b>Employee Background Verification Affidavit</b>	Received	Received	Received
<b>Scrutinized Companies Affidavit</b>	Received	Received	Received
<b>Non-Conflict of Interest Statement</b>	Received	Received	Received
<b>E-Verify Form</b>	Received	Received	Received
<b>Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion</b>	N/A	N/A	Received
<b>Bid Bond (5%)</b>	Received	Received	Received
<b>Membrane Projections for Years 0, 1, 3 and 5</b>	Received	Received	Received
<b>Membrane Performance Warranty</b>	Received	Received	Received
<b>Buy American Act Affidavit</b>	Received	Received	Received
<b>Prohibition Against Consideration of Social, Political Interest</b>	Received	Received	Received
<b>Compliance with Foreign Entity Laws Affidavit</b>	Received	Received	Received
<b>Grand Total</b>	<b>\$ 1,099,480.00</b>	<b>\$ 1,586,000.00</b>	<b>\$ 1,700,000.00</b>

- SCOPE OF WORK

The City of Cooper City Utilities Department is proposing to remove and replace existing nanofiltration (NF) membrane elements along with membrane array improvements at the Cooper City George A. Haughney WTP, a critical facility that supplies potable drinking water for the City of Cooper City. The project will consist of the removal of the existing, NF membrane elements; furnish, store and install 1,204 replacement NF membrane elements in four (4) different arrays (A, B, C, and D) with associated interconnecting couplings and endcap adapters; complete modifications to membrane arrays A and B including installation of one (1), second stage pressure vessel with associated interconnecting piping; complete modifications to all membrane arrays to replace existing first stage throttling valves and concentrate check valve; installation of a new automatic silt density index (SDI) testing apparatus; and all associated miscellaneous work for a complete and operational system as described in the bid documents, technical specifications and project drawings. The objective of this ITB is to secure the services of a qualified, experienced, and reliable contractor that will promptly and efficiently provide the City with the materials, equipment, and services necessary to execute the work at the lowest price, in compliance with industry standards, federal, state and local requirements and the terms, conditions and specifications of this solicitation. No compensation will accrue, be owed or paid to the awarded bidder unless the contract has been fully executed, Notice to Proceed provided, a purchase order has been issued with accompanying Task Order or Work Authorization and the work of the contract has been completed as accepted and approved by the City.