

Sole-Source Justification

Request Information	
Date of Request: 05-24-2021	
Procurement Department Information	
Procurement Agent: Jason Bezak	
Procurement Agent E-Mail Address: JBezak@cityofpsl.com	Telephone: 772-344-4293
Request Submitted By	
Name: Kevin Matyjaszek	
Department and Title: Assistant Utility Director	
e-Mail Address: Kmatyjaszek@cityofpls.com	
Request Details	
Sole-Source – A purchasing situation in which the procurement is available from only one source.	
Identify efforts made to locate other possible sources.	
Pilot testing was performed on three membrane element manufacturers, Lanxess, Dupont, and Toray. Based upon pilot testing results the Toray elements meet the City's water quality goals, provided the lowest power and operating costs, and require the fewest necessary upgrades to the existing skids.	
Contractor Name: Toray Membrane USA	Telephone: 941-243-1039
Contractor Contact: Chris Ballard	
Scope of Work	
Provide a detailed description of commodities/services to be provided. Also, include the following details: exact or estimated quantity, per unit price, and the total estimated value of the open contract to include the estimated quantity X unit price (if the exact quantities are not known).	
Total Estimated value of open contract is \$1,337,280 (Unit price of \$398 per element for 3,360 elements).	
The Scope of this work is for the replacement of membrane elements for skids 1-10 at the James E. Anderson Water Treatment Plant (WTP) on a phased schedule. Skids 1-10 each operate with a two-stage, 32:16 array configuration with the first stage consisting of thirty-two (32) pressure vessels and the second stage consisting of sixteen (16) pressure vessels. Each pressure vessel houses seven (7) membrane elements for a total of three hundred thirty-six (336) membrane elements per skid. The City is procuring a Contractor for physical upgrades to the existing skids and installation of the membrane elements. The Membrane Element Supplier Contract is for supplying membrane elements, interconnects, supervising installation, and delivery of all three thousand three hundred sixty (3360) new 8-inch diameter brackish water membrane elements to the WTP site.	

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Performance Requirements

The contract establishes the purchase, delivery, and installation supervision of membrane elements for all skids on a phased schedule as shown in the table below. Future purchases are anticipated to take place within fiscal years outlined below. MES shall provide guaranteed pricing for each year.

Membrane Replacement Phasing Schedule

Phase	Trains Upgraded/ Membranes Replaced	Anticipated Fiscal Year
Phase A	Trains 1-3	FY 20/21
Phase B	Trains 4-5	FY 21/22
Phase C	Trains 6-8	FY 22/23
Phase D	Trains 9-10	FY 23/24

Contractor/Membrane Element Supplier (MES) shall provide all materials and services as required to manufacture, factory wet test, deliver, store as well as supervise installation. The Contractor/Membrane Element Supplier (MES) shall be responsible for providing all materials and services associated with the project including but not limited to:

1. Submittals
 - a. Wet Testing and Report Data
 - b. Data Normalization Program
 - c. Delivery of Membranes
 - d. On-site Representative to Supervise Membrane Installation, Performance Testing and Start-Up
 - e. Performance Test Results Report
 - f. Warranty and Guarantees

Complete the Following:

Provide an explanation why only a particular style, model, type or manufacturer is required (i.e. why the commodity is the only commodity which will meet the state entity needs).

Based upon final pilot testing and scoring of pilot results, the Toray TMG20D – 440 elements scored the highest and should be purchased for full scale replacement. These elements meet the City’s water quality goals, provide the lowest power and operating costs of the three membrane elements tested, and require the fewest necessary upgrades to the existing skids.

Letter from Original Equipment Manufacturer: See Attached

Exclusive Capability

Provide a detailed description of proposed source’s unique capabilities and/or personnel to perform the work and why this is the only source.

Toray Membrane USA is the only manufacturer that produces the TMG20D-440 elements, which received the highest score and were selected from the pilot testing and is therefore a sole source.

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To Be Used for Procurement Records Only

CONTRACT #: 20210066

REQUISITION ID #:

If Publicly Solicited, Number of Protests:

Outcome:

Awarded Sole-Source

Issued PO / Contract

Not Awarded / Competitively Bid

Bid #: 20210066