140R3026Q0020 – Reverse Osmosis Membranes Combined Synopsis/Solicitation

(i) This is a combined synopsis/solicitation for commercial products prepared in accordance with the format in Subpart 12.6, as supplemented with additional information included in this notice. This announcement constitutes the only solicitation; proposals are being requested, and a written solicitation will not be issued.

(ii) To facilitate electronic quote submissions through SAM.gov Contract Opportunities, a request for quote (RFQ No. 140R3026Q0020) is being issued subsequent to this combined synopsis/solicitation.

(iii) This solicitation document and incorporated provisions and clauses are those in effect through Federal Acquisition Circular number 2025-06. It is the responsibility of the contractor to be familiar with the applicable clauses and provisions. They may be accessed in full text at the following websites: https:/www.acquisition.gov/far/ and https://www.acquisition.gov/diar.

(iv) This requirement is not set-aside. The North American Industry Classification System (NAICS) Code for this acquisition is: 326199, All other plastics product manufacturing. The small business size standard for NAICS Code is 750 employees.

(v) Line-Item Breakdown – Quoters shall provide pricing for all items listed below. Items are brand name or equal based on the salient characteristics in the Product Specifications. Total price shall be inclusive of all applicable fees, taxes, and shipping and handling.

Item No.	Description	Quantity	Unit
00010	8" Cellulose Acetate Membranes	112	EA
00020	8" Polyamide Membranes	56	EA

(vi) The Bureau of Reclamation requires delivery of Reverse Osmosis Membranes for the Yuma Area Office. The items must meet performance and compatibility requirements defined in the attached Product Specifications.

(vii) Delivery of items shall be to: Bureau of Reclamation, 7301 S Calle Agua Salada, Yuma, AZ 85364. Delivery must be completed no later than December 31, 2026. Supply equipment and materials boxed and palleted where possible. The contractor must coordinate the delivery with the coordination contact at least 2 weeks in advance. Delivery is limited to between 7 AM to 3 PM Arizona Time, Monday through Thursday. There will be no penalty for early delivery. The contractor must protect all parts/equipment from corrosion, deformation, dents, dings, scratches, ruptures, breaks, punctures, abrasions, cuts, and other types of damage during storage, handling, transport, and delivery. Coordination contacts to be determined upon award.

CLAUSES

FAR 52.252-2	Clauses Incorporated by Reference	February 1998

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

http://www.acquisition.gov/far/
http://www.acquisition.gov/far-overhaul

The clauses in the table below are incorporated by reference.

Clauses	Title	Date
FAR 52.203-17	*Contractor Employee Whistleblower Rights*	*Nov 2023*
FAR 52.203-19	*Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements*	*Jan 2017*
FAR 52.204-13	*System for Award Management Maintenance*	*Mar 2026*
FAR 52.209-6	*Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment*	*Jan 2025*
FAR 52.209-10	*Prohibition on Contracting with Inverted Domestic Corporations*	*Nov 2015*
FAR 52.212-4	*Contract Terms and Conditions—Commercial Products and Commercial Services*	*Mar 2026*
FAR 52.219-28	*Postaward Small Business Program Rerepresentation*	*Jan 2025*
FAR 52.222-3	*Convict Labor*	*Jun 2003*
FAR 52.222-19	*Child Labor—Cooperation with Authorities and Remedies*	*Mar 2026*
FAR 52.222-36	*Equal Opportunity for Workers with Disabilities*	*Jun 2020*
FAR 52.222-50	*Combating Trafficking in Persons*	*Oct 2025*
FAR 52.223-23	*Sustainable Products and Services*	*May 2024*
FAR 52.225-3	*Buy American-Free Trade Agreements-Israeli Trade Act*	*Nov 2023*
FAR 52.226-8	*Encouraging* Contractor *Policies to Ban Text Messaging While Driving*	*May 2024*
FAR 52.232-39	*Unenforceability of Unauthorized Obligations*	*Jun 2013*
FAR 52.232-33	*Payment by Electronic Funds Transfer—System for Award Management*	*Oct 2018*
FAR 52.232-40	*Providing Accelerated Payments to Small Business Subcontractors*	*Mar 2023*
FAR 52.233-3	*Protest After Award*	*Aug 1996*
FAR 52.233-4	*Applicable Law for Breach of Contract Claim (DEVIATION NOV 2025)*	*Oct 2004*
FAR 52.240-91	*Security Prohibitions and Exclusions*	*Mar 2026*
FAR 52.240-93	*Basic Safeguarding of Covered Contractor Information Systems*	*Mar 2026*
FAR 52.247-34	*F.O.B. Destination*	*Nov 1991*
FAR 52.222-90	Addressing DEI Discrimination by Federal Contractors.	Apr 2026

(End of clause)

FAR 52.252-6	Authorized Deviations in Clauses	Nov 2020

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause. The Civilian Agency Acquisition Council (CAAC) Letter 2025-02 Supplement 1 is applicable to this acquisition. The CAAC letter may be accessed electronically at this address: https://www.acquisition.gov/caac-letters.

(b) The use in this solicitation or contract of any *Contract Terms and Conditions Required to Implement Statutes or Executive Orders—Commercial Products and Commercial Services* (48 CFR 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of clause)

DOI-AAAP-0028	Electronic Invoicing and Payment Requirements – Invoice Processing Platform	Apr 2013

Payment requests must be submitted electronically through the U. S. Department of the Treasury's Invoice Processing Platform System (IPP).

"Payment request" means any request for contract financing payment or invoice payment by the Contractor. To constitute a proper invoice, the payment request must comply with the requirements identified in the applicable Prompt Payment clause included in the contract, or the clause 52.212-4 Contract Terms and Conditions - Commercial Items included in commercial item contracts. The IPP website address is: https://www.ipp.gov.

Under this contract, the following documents are required to be submitted as an attachment to the IPP invoice:

When submitting invoices to IPP, the Contractor is advised to upload supporting documentation that will allow Reclamation to verify that the products or services comply with the terms of the contract. The information in the uploaded documents should not conflict with the data fields in the IPP submissions (service dates, invoice number, etc.). Prior to submitting an invoice to IPP, the contractor may coordinate with the designated Contracting Officer's Representative (COR), for review and verification of quantities for payment and for compliance with the applicable progress payment requirements of this contract. Prior coordination with the COR will allow for streamlined processing of the invoice.

The Contractor must use the IPP website to register access and use IPP for submitting requests for payment. The Contractor Government Business Point of Contact (as listed in SAM) will receive enrollment instructions via email from the Federal Reserve Bank of St. Louis (FRBSTL) prior to the contract award date, but no more than 3 - 5 business days of the contract award date. Contractor assistance with enrollment can be obtained by contacting the IPP Production Helpdesk via email IPPCustomerSupport@fiscal.treasury.org or phone (866) 973-3131.

If the Contractor is unable to comply with the requirement to use IPP for submitting invoices for payment, the Contractor must submit a waiver request in writing to the Contracting Officer with its proposal or quotation.

(End of clause)

SOLICITATION PROVISIONS

FAR 52.252-1	Solicitation Provisions Incorporated by Reference	February 1998

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

http://www.acquisition.gov/far/
http://www.acquisition.gov/far-overhaul

The provisions in the table below are incorporated by reference.

Provisions	***Title***	***Date***
FAR 52.203-18	*Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements or Statements-Representation*	*Jan 2017*
FAR 52.204-7	*System for Award Management*	*Mar 2026*
FAR 5222-18	*Certification Regarding Knowledge of Child Labor for Listed End Products*	*Feb 2021*
FAR 52.225-25	*Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran—Representation and Certifications*	*June 2020*
FAR 52.240-90	*Security Prohibitions and Exclusions Representations and Certifications*	*Mar 2026*

(End of provision)

FAR 52.212-1	Instructions to Offerors–Commercial Products and Commercial Services	Mar 2026

(a) Submission of offers. Submit signed and dated offers to the office specified in this solicitation at or before the exact time specified in this solicitation. As a minimum, offers shall include—

(1) The solicitation number;

(2) The name, address, telephone number of the Offeror;

(3) The Offeror's Unique Entity Identifier (UEI) and, if applicable, Electronic Funds Transfer (EFT) indicator;

(4) Information necessary to evaluate the factors contained in the provision at 52.212-2 or as described in the solicitation;

(5) Responses to provisions that require Offeror completion of information, representations, and certifications (other than those collected via the System for Award Management (SAM)); and

(6) A statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation and any solicitation amendments.

(b) Period for acceptance of offers. The Offeror agrees to hold the prices in its offer firm for **60 calendar days** from the date specified for receipt of offers, unless another time period is specified in an addendum to the solicitation.

(c) Late submissions, modifications, revisions, and withdrawals of offers.

(1) Offerors are responsible for submitting offers and any modifications or revisions to the Government office designated in the solicitation by the time specified in the solicitation.

(2) Any offer, modification, or revision received after the time specified for receipt of offers is "late" and will not be considered unless it is received before award is made and the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition. However, a late modification of an otherwise successful offer that makes its terms more favorable to the Government will be considered at any time it is received and may be accepted.

(3) If an emergency or unanticipated event interrupts normal Government processes so that offers cannot be received at the Government office designated for receipt of offers by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation or other notice of an extension of the closing date, the time specified for receipt of offers will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(4) Offerors may withdraw their offers by written notice to the Government received at any time before award.

(d) Contract award (not applicable to Invitation for Bids). The Government intends to evaluate offers and award a contract without discussions with Offerors. Therefore, the Offeror's initial offer should contain the Offeror's best terms. However, the Government reserves the right to conduct discussions, if necessary. The Government may reject any or all offers if such action is in the public interest, accept other than the lowest offer, and waive informalities and minor irregularities in offers received.

(e) Debriefings. If a postaward debriefing is given to requesting Offerors, the Government will disclose the following information, if applicable:

(1) The agency's evaluation of the significant weak or deficient factors in the debriefed Offeror's offer.

(2) The overall evaluated cost or price and technical rating of the successful Offeror and the debriefed Offeror and past performance information on the debriefed Offeror.

(3) The overall ranking of all Offerors when any ranking was developed by the agency during source selection.

(4) A summary of the rationale for award.

(5) For acquisitions of commercial products, the make and model of the product to be delivered by the successful Offeror.

(6) Reasonable responses to relevant questions posed by the debriefed Offeror as to whether the agency followed source-selection procedures set forth in the solicitation, applicable regulations, and other applicable authorities.

(End of provision)

Addendum to FAR 52.212-1	Instructions to Offerors–Commercial Products and Commercial Services	Mar 2026

This addendum replaces the terms “offer” with “quote” within provision 52.212-1.

In addition to the requirements of the Instructions to Offerors - each offeror shall submit a quote in accordance with the instructions contained in this provision.

1) To assure timely and equitable evaluation of quotations, vendors must submit all data and information in the instructions contained herein. Vendors are required to meet all applicable RFQ requirements for each CLIN quoted, including terms and conditions, and those identified as evaluation factors. Failure to meet a requirement may result in a quote being ineligible for award. Vendors must clearly identify any exceptions to the RFQ’s terms and conditions and provide complete rationale. The Government reserves the right to accept a quote in whole or in part and may award one, or multiple purchase orders if determined to be in the best interest of the Government. Quotes must be complete, self-sufficient, and respond directly to the requirements of this RFQ, alternate offers will not be accepted. Quotes shall be clear, concise, and shall include sufficient detail for effective evaluation and for substantiating the validity of stated claims.

2) Upon examination of the initial responses, the contracting officer will review this determination and if, in the contracting officer’s opinion, adequate price competition exists, no additional data will be requested. However, if at any time during this competition the contracting officer determines that adequate price competition no longer exists, the contracting officer may use any of the methods listed in FAR 13.106-3(a)(2) to make a price reasonableness determination.

3) If this solicitation is amended, all terms and conditions that are not amended remain unchanged and in full force and effect. Vendors shall acknowledge receipt of any amendment and provide confirmation upon submission of the offeror’s quote.

4) Quote Instructions: **Quoters are required to submit the following information with their quote:**

(a) **Product Identification.** For each line item quoted, the quoter shall clearly identify the exact product being offered, including the manufacturer, make, model number, and part number, as applicable. If the quoter’s commercial quote, catalog, price sheet, or supporting documentation uses product numbers, model numbers, or part numbers that differ from the CLIN structure or item identification used in this solicitation, the quoter shall clearly cross reference each quoted product to the applicable CLIN. Any commercial quote or supporting documentation submitted with the quote shall be organized or annotated in a manner that clearly correlates each quoted item to the corresponding CLIN. Failure to clearly identify quoted products to the applicable CLINs may render the quotation unacceptable.

(b) **Technical Documentation.** The quoter shall submit sufficient descriptive literature, specifications, cut sheets, drawings, or other technical documentation for each item quoted to enable the Government to determine compliance with the solicitation requirements. For any item identified in the solicitation as brand name or equal, the quoter shall submit sufficient documentation to demonstrate that the product offered conforms to the solicitation requirements, including any stated salient physical, functional, or performance characteristics.

(c) **Delivery.** The quoter shall state its ability to complete delivery of all required items on or before December 31, 2026, to the destination identified in the solicitation. The quoter shall provide a proposed delivery date with the quote. Delivery terms shall be F.O.B. destination.

(d) **Past Performance Information.** The quoter shall provide three (3) recent and relevant past performance references. For each reference, the quoter shall provide the project or contract name, description of work, contract number, period of performance, client name, point of contact, telephone number, and email address.

(e) **Price Submission.** The quoter shall provide a unit price, quantity, and extended total price for each CLIN included in the solicitation. All applicable discounts shall be identified and included in the quote. The quote shall reflect the quoters best and final pricing. Quoted prices shall be inclusive of all costs, including packing, handling, shipping, and delivery to the destination specified in the solicitation. No separate freight, shipping, handling, or delivery charges will be paid by the Government. Delivery terms shall be F.O.B Destination.

(f) **Exceptions.** The quoter shall clearly identify any exception to the solicitation terms, conditions, or requirements. Any such exception shall include a complete explanation and supporting rationale.

5) The Government intends to award a Firm-Fixed Price purchase order. Note to vendors: The Government reserves the right to cancel this RFQ, either before or after the closing date. In the event the Government cancels this RFQ, the Government has no obligation to reimburse a vendor for any costs.

(End of Addendum to 52.212-1)

FAR 52.212-2	**Evaluation – Commercial Products and Commercial Services**	**Mar 2026**

(a) The Government will award a firm-fixed price purchase order resulting from this solicitation to the responsive quoter whose quote conforming to the solicitation will be most advantageous to the Government, price and other factors considered. The following factors will be used to evaluate the quotes:

Factor 1-Technical Capability
Factor 2-Past Performance
Factor 3-Price

Factor 1 – Technical Capability: The Government will evaluate the quotes to determine whether the product(s) offered meet the requirements of the solicitation. The evaluation will be based on the information submitted with the quotation, including the manufacturer, make, model number, part number, and supporting descriptive literature or other technical documentation for each line item quoted. For any item identified as brand name or equal, the government will evaluate whether the item offered meets the salient physical, functional, and performance characteristics identified in the solicitation. The government will evaluate technical capability based on the information submitted in the quote. Failure to provide sufficient supporting documentation may result in the quote being rated unacceptable under this factor.

Factor 2 – Price: The Government will evaluate quoted prices for reasonableness and, if applicable balance. Price may be evaluated using one or more price analysis techniques. The Government may consider the total evaluated price in determining which quote provides the best value to the Government.

Factor 3-Past Performance: The Government will evaluate the quoter's past performance to assess the degree of confidence the Government has in the quoter's ability to successfully provide the required product(s). The Government may consider the quality of performance, timeliness of delivery, and customer satisfaction. The Government may use information obtained from other sources, including CPARS.

(b) A written notice of award or acceptance of an offer, mailed or otherwise furnished to the successful offeror within the time for acceptance specified in the offer, shall result in a binding contract without further action by either party.

Before the offer's specified expiration time, the Government may accept an offer (or part of an offer), whether or not there are negotiations after its receipt, unless a written notice of withdrawal is received before award.

(End of provision)

DIAR 1452.215-71	Use and Disclosure of Proposal Information—Department of the Interior	Apr 1984

(a) Definitions. For the purposes of this provision and the Freedom of Information Act (5 U.S.C. 552), the following terms shall have the meaning set forth below:

(1) "Trade Secret" means an unpatented, secret, commercially valuable plan, appliance, formula, or process, which is used for making, preparing, compounding, treating or processing articles or materials which are trade commodities.

(2) "Confidential commercial or financial information" means any business information (other than trade secrets) which is exempt from the mandatory disclosure requirement of the Freedom of Information Act, 5 U.S.C. 552. Exemptions from mandatory disclosure which may be applicable to business information contained in proposals include exemption (4), which covers "commercial and financial information obtained from a person and privileged or confidential," and exemption (9), which covers "geological and geophysical information, including maps, concerning wells."

(b) If the offeror, or its subcontractor(s), believes that the proposal contains trade secrets or confidential commercial or financial information exempt from disclosure under the Freedom of Information Act, (5 U.S.C. 552), the cover page of each copy of the proposal shall be marked with the following legend:

"The information specifically identified on pages__of this proposal constitutes trade secrets or confidential commercial and financial information which the offeror believes to be exempt from disclosure under the Freedom of Information Act. The offeror requests that this information not be disclosed to the public, except as may be required by law. The offeror also requests that this information not be used in whole or part by the government for any purpose other than to evaluate the proposal, except that if a contract is awarded to the offeror as a result of or in connection with the submission of the proposal, the Government shall have the right to use the information to the extent provided in the contract."

(c) The offeror shall also specifically identify trade secret information and confidential commercial and financial information on the pages of the proposal on which it appears and shall mark each such page with the following legend:

"This page contains trade secrets or confidential commercial and financial information which the offeror believes to be exempt from disclosure under the Freedom of Information Act and which is subject to the legend contained on the cover page of this proposal."

(d) Information in a proposal identified by an offeror as trade secret information or confidential commercial and financial information shall be used by the Government only for the purpose of evaluating the proposal, except that (i) if a contract is awarded to the offeror as a result of or in connection with submission of the proposal, the Government shall have the right to use the information as provided in the contract, and (ii) if the same information is obtained from another source without restriction it may be used without restriction.

(e) If a request under the Freedom of Information Act seeks access to information in a proposal identified as trade

secret information or confidential commercial and financial information, full consideration will be given to the offeror's view that the information constitutes trade secrets or confidential commercial or financial information. The

offeror will also be promptly notified of the request and given an opportunity to provide additional evidence and argument in support of its position, unless administratively unfeasible to do so. If it is determined that information claimed by the offeror to be trade secret information or confidential commercial or financial information is not exempt from disclosure under the Freedom of Information Act, the offeror will be notified of this determination prior to disclosure of the information.

(f) The Government assumes no liability for the disclosure or use of information contained in a proposal if not marked in accordance with paragraphs (b) and (c) of this provision. If a request under the Freedom of Information Act is made for information in a proposal not marked in accordance with paragraphs (b) and (c) of this provision, the offeror concerned shall be promptly notified of the request and given an opportunity to provide its position to the Government. However, failure of an offeror to mark information contained in a proposal as trade secret information or confidential commercial or financial information will be treated by the Government as evidence that the information is not exempt from disclosure under the Freedom of Information Act, absent a showing that the failure to mark was due to unusual or extenuating circumstances, such as a showing that the offeror had intended to mark, but that markings were omitted from the offeror's proposal due to clerical error.

(End of provision)

All questions shall be submitted via email to jenna_hall@ios.doi.gov no later than June 23, 2026, by 3:00 P.M., PST. No phone calls will be accepted.

Written, signed, quotes on company letterhead with contact information are due July 10, 2026, by 3:00 P.M, PST. Responsible quoters are requested to submit a quote for this requirement. Quotes shall be submitted via email to jenna_hall@ios.doi.gov.

The Point of Contact for this solicitation is Jenna Hall. She may be reached via e-mail at jenna_hall@ios.doi.gov, no phone calls will be accepted.

End of Combined Synopsis/Solicitation

Material Specifications
Reverse Osmosis Membranes

1.0 Background/Scope

The Bureau of Reclamation has a requirement to purchase reverse osmosis membrane elements for use in brackish water treatment operations. The required membranes include 8-inch cellulose acetate membrane elements and 8-inch polyamide membrane elements.

The purpose of this requirement is to obtain membrane elements that meet or exceed the minimum technical specifications listed below and are compatible with the Government's reverse osmosis system requirements.

2.0 Deliverables

The Contractor shall provide the following reverse osmosis membrane elements:

CLIN 00010: 8" Cellulose Acetate Membranes
Quantity: 112 each

CLIN 00020: 8" Polyamide Membranes
Quantity: 56 each

All quoted products shall be new, unused, non-refurbished, and current production. The Contractor shall provide manufacturer product literature, technical data sheets, or other documentation sufficient to demonstrate that the quoted products meet or exceed the specifications listed below.

2.1 CLIN 00010: 8" Cellulose Acetate Membranes

The Contractor shall provide 8-inch cellulose acetate membrane elements meeting or exceeding the following specifications:

A. **Service:** Brackish Water
B. **Membrane Type:** Cellulose Acetate
C. **Configuration:** Spiral Wound, Fiberglass Outer Wrap
D. **Average Salt Rejection at Standard Conditions:** 98%
E. **Minimum Salt Rejection at Standard Conditions:** 97%

F. **Maximum Operating Pressure:** 600 psi (41 bar)

G. **Active Membrane Area:** 350 ft^2

H. **Chlorine Tolerance:** 0.5 ppm nominal,1.0 ppm maximum

I. **Length:** 40 inches

J. **Diameter:** 7.9 inches

K. **Permeate Tube:** 1.125 inches

L. **Treated with Preservative:** Yes

M. **Nominal Permeate Flow at Standard Conditions:** 7,000 GPD

N. **Maximum Pressure Drop:** 15 psi (1 bar) per element; 60 psi (4 bar) per housing

O. **Maximum Operating Temperature:** 90°F / 32°C

P. **Maximum Feed SDI (15 minutes):** 5.0

Q. **Maximum Feed Turbidity:** 1 NTU

R. **Nominal Operating Feed pH:** 5.5

Standard conditions referenced in above **2.1** specifications D, E and M are defined as 2,000 ppm NaCl, 420 psi, 77°F / 25°C, 15% recovery, pH 5.5, 30 minutes operation. Individual element permeate flow may vary ±15%.

2.2 CLIN 00020: 8" Polyamide Membranes

The Contractor shall provide 8-inch polyamide membrane elements meeting or exceeding the following specifications:

A. **Service:** Brackish Water

B. **Membrane Type:** Polyamide Thin-Film Composite

C. **Configuration:** Spiral Wound, Fiberglass Outer Wrap

D. **Stabilized Salt Rejection at Standard Conditions:** 99.8%

E. **Minimum Salt Rejection at Standard Conditions:** 99.6%

F. **Maximum Operating Pressure:** 600 psi (41 bar)

G. **Active Membrane Area:** 400 ft^2

H. **Feed Spacer Thickness:** 34 mil

I. **Free Chlorine Tolerance:** < 0.1 ppm

J. **Length:** 40 inches

K. **Diameter:** 7.9 inches

L. **Permeate Tube:** 1.125 inches

M. **Treated with Preservative:** Yes

N. **Nominal Permeate Flow at Standard Conditions:** 11,500 GPD

O. **Maximum Pressure Drop:** 15 psi (1.0 bar) per element; 50 psi (3.5 bar) across housing

P. **Maximum Operating Temperature:** 113°F / 45°C

Q. **Maximum Feed SDI:** 5.0

R. **Feed pH Range:** 2–11

S. **Maximum Feed Flow:** 75 gpm

Standard conditions referenced in above **2.2** specifications D, E, and N are defined as 2,000 ppm NaCl, 225 psi, 77°F / 25°C, 15% recovery and pH 8. Individual element permeate flow may vary ±15%.

3.0 Product Documentation

The vendor shall submit documentation with its quotation that clearly identifies the products being quoted. At a minimum, the quotation shall include:

1. Manufacturer name;
2. Product name and model number;
3. Manufacturer product data sheet or technical literature;
4. Identification of which quoted product applies to each CLIN; and
5. Documentation demonstrating that the quoted products meet or exceed the specifications listed in this Statement of Specification.

Failure to clearly identify the quoted products or provide documentation demonstrating compliance with the specifications may result in the quotation being determined unacceptable.

4.0 Delivery

All items shall be delivered FOB Destination to the following location:

Bureau of Reclamation
Yuma Area Office
7301 S Calle Agua Salada
Yuma, AZ 85364

The Government requires delivery of all membrane elements no later than **December 31, 2026**.

The Contractor shall protect all membrane elements from corrosion, deformation, contamination, drying, freezing, or other damage during storage, handling, and delivery. Any damage to the products or components during transit shall be replaced at the Contractor's expense.

5.0 Government Contract Quality Assurance

Government inspection and acceptance shall occur at destination.