



**THIS IS NOT  
AN ORDER**

**REQUEST FOR BIDS/PROPOSALS COVERSHEET**  
**THE UNIVERSITY OF SOUTHERN MISSISSIPPI**  
**Procurement and Contract Services**  
**103 McIlwain Drive, Ocean Springs, MS 39564**

**Date:** \_\_\_\_\_

**Bid No. 26\_44**

THE UNIVERSITY OF SOUTHERN MISSISSIPPI is considering the purchase of the following item(s). We ask that you submit your bid and retain one copy for your files. Right is reserved to accept or reject any part of your bid. Your quotation will be given consideration if received on or before:

May 29, 2026 at 2:00 p.m. CDT

**Buyer:** Millissa Weaver

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

TERMS - Bidder should state terms of sale. Our terms are 2% ten days, net 45 days.

These terms will apply per Mississippi law.

AWARDING CONTRACT - Cash terms will not be used as a basis for awarding contracts; however, the University will accept cash discounts when earned.

NOTE: If you cannot quote on the exact material shown, please indicate any exception giving brand name and complete specifications of any alternate. If additional space is required, use a separate sheet or letter of transmittal.

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL NET PRICE
<p><b>Bid# 26_44</b> Filtration Components and Associated Items for Oyster Hatchery and Research Center as per attached specifications. <b>RFX 3160008049</b></p>				
<p>PROPOSAL MUST BE RETURNED TO THE UNIVERSITY IN ACCORDANCE WITH THE SPECIFICATIONS. RFX NUMBER AND DATE OF BID OPENING MUST BE SHOWN ON THE OUTSIDE OF THE ENVELOPE IF USING THAT METHOD.</p>				

We quote you as above-F.O.B. The University of Southern Mississippi. Shipment can be made in \_\_\_\_\_ days from receipt of order. DATE \_\_\_\_\_ TERMS \_\_\_\_\_

Return quotation to Procurement Services at above address.

**Signature Required** \_\_\_\_\_

Sun-Herald

## NOTICE TO BIDDERS

Sealed bids will be received in the Shipping and Receiving Office of the Gulf Coast Research Laboratory's Cedar Point Campus at 103 McIlwain Drive, Ocean Springs, Mississippi, 39564, until **Friday, May 29, 2026 at 2:00 p.m.** for the purchase of the following:

**Bid# 26\_44 Filtration Components and Associated Items for the Oyster Hatchery and Research Center RFX #3160008049:**

Detailed specifications and electronic bid submission instructions may be secured from the above office upon request or our website <https://www.usm.edu/procurement-contract-services/current-bids-and-sole-source-notices.php>

Right is hereby reserved to reject any or all bids.

Millissa Weaver  
Procurement Coordinator  
The University of Southern Mississippi  
Gulf Coast Research Laboratory  
(228) 818-8001

Publish 2 times and charge to The University of Southern Mississippi:

05/10/2026

05/17/2026

**Bid #26-44**  
**RFX #3160008049**  
**University of Southern Mississippi**  
**Filtration Components and Associated Items**

**Technical Specifications – Filtration Components and associated items**

**1. General Requirements**

The University of Southern Mississippi (USM) is soliciting sealed bids from qualified vendors for the procurement of filtration components and associated items.

All equipment and materials shall be new, unused, and of current production. Refurbished or prototype items will not be accepted.

Manufacturer reference and technical specifications are available at: <https://www.filtersource.com/>

The specifications referenced herein establish minimum acceptable standards for quality and performance. Products offered shall meet or exceed all applicable manufacturer specifications.

Where specific manufacturer names, model numbers, or product identifiers are referenced, they are intended to establish a minimum standard of quality, performance, and compatibility.

Equivalent products (“or equal”) may be proposed; however, the burden of proof rests solely with the bidder to demonstrate that the proposed product meets or exceeds all specified requirements.

To be considered for evaluation, bids proposing equivalent products must include:

- Complete technical specifications and product data sheets
- Detailed side-by-side comparison to the specified product
- Documentation of materials of construction, pressure ratings, and performance characteristics
- Confirmation of dimensional and connection compatibility with existing or specified systems
- Any installation or operational differences

Failure to provide sufficient supporting documentation may result in the proposed alternate being deemed non-responsive.

The University of Southern Mississippi reserves the right to determine equivalency based on, but not limited to:

- Performance and operational capability
- Durability and material quality
- Compatibility with existing systems and components
- Maintenance requirements and lifecycle considerations

Substitutions that, in the University’s judgment, introduce operational risk, reduce performance, or require system modification may be rejected.

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## 2. Intended Application

These filtration components will be used in support of aquaculture systems and laboratory filtration processes. Products must be suitable for continuous use in environments requiring reliable particulate removal and system compatibility.

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### 3A. Polypropylene Bag Filter Vessel (Quantity: 52 Each)

**Product Number:** PLPB-02-50-F-C-SS (or approved equal)

**Minimum Technical Specifications:**

- Polypropylene bag filter vessel, Size #2 configuration
- Clamp closure design
- Housing material: PPR (Polypropylene Random Copolymer)
- Gasket/Seal material: EPDM
- Rated for 120 PSI maximum operating pressure
- Design pressure: 8 bar (116 psi)

**Filter Configuration:**

- Designed to accommodate one (1) Size #2 filter bag
- Filter bag dimensions: approximately 7-inch diameter x 32-inch length

**Connections and Flow Characteristics:**

- Inlet/Outlet: DN50 ANSI flanged connections (2-inch equivalent)
- Flow direction: Side inlet / side outlet
- Maximum operating flow capacity: 40 m<sup>3</sup>/hr (approximately 176 GPM)

**Operating Conditions:**

- Maximum operating temperature: 60°C (140°F)
- Suitable for use in liquid filtration applications requiring corrosion-resistant materials

**Additional Requirements:**

- Units shall be fully assembled where applicable
- Packaged: **One (1) unit per carton**
- Designed for compatibility with specified filter bags and adapters

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### **3B. Pressure Relief Valve with Gauge Assembly (Quantity: 52 Each)**

**Product Number:** PLPB-02-50-F-C-SS-VP (or approved equal)

**Minimum Technical Specifications:**

- Pressure relief and vent assembly designed for use with PLPB filter housings

**Components:**

- Pressure gauge:
  - Range: 1–6 bar
  - Connection: 1/2" PT female thread
- Reducing tee:
  - Configuration: 1/2" male thread
- Vent valve:
  - Connection: 1/2" female thread

**Performance Requirements:**

- Provides pressure monitoring and controlled venting capability
  - Compatible with specified filter vessel housings
  - Designed for safe operation under system pressure conditions
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### **3C. Flange to NPT Adapter (Quantity: 104 Each)**

**Product Number:** PLPB-02-Adapter (or approved equal)

**Minimum Technical Specifications:**

- Adapter designed to convert 2-inch flanged connections to 2-inch NPT threaded connections
- Required quantity reflects two (2) adapters per filter housing

**Material and Performance Requirements:**

- Constructed of corrosion-resistant materials suitable for liquid filtration systems
  - Compatible with ANSI flange standards and NPT piping systems
  - Designed for secure, leak-resistant connections
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### **3D. Polypropylene Filter Bags – 1 Micron (Quantity: 4 Boxes of 50)**

**Product Number:** POG1P2P (or approved equal)

**Minimum Technical Specifications:**

- Material: Polypropylene
- Micron rating: 1 micron
- Size: #2
- Flange type: P flange
- Construction: Sewn seam style

**Performance Requirements:**

- Designed for fine particulate removal
  - Compatible with specified filter vessel housings
  - Suitable for continuous liquid filtration applications
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**3E. Polypropylene Filter Bags – 5 Micron (Quantity: 4 Boxes of 50)**

**Product Number:** POG5P2P (or approved equal)

**Minimum Technical Specifications:**

- Material: Polypropylene
  - Micron rating: 5 micron
  - Size: #2
  - Flange type: P flange
  - Construction: Sewn seam style
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**3F. Polypropylene Filter Bags – 10 Micron (Quantity: 4 Boxes of 50)**

**Product Number:** POG10P2P (or approved equal)

**Minimum Technical Specifications:**

- Material: Polypropylene
  - Micron rating: 10 micron
  - Size: #2
  - Flange type: P flange
  - Construction: Sewn seam style
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**3G. Polypropylene Filter Bags – 25 Micron (Quantity: 3 Boxes of 50)**

**Product Number:** POG25P2P (or approved equal)

**Minimum Technical Specifications:**

- Material: Polypropylene
  - Micron rating: 25 micron
  - Size: #2
  - Flange type: P flange
  - Construction: Sewn seam style
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#### **4. Delivery Requirements**

- FOB Destination: University of Southern Mississippi
- Vendor shall coordinate delivery with University personnel prior to shipment.
- All items shall be packaged to prevent damage during transit.
- Each shipment must include:
  - Packing list
  - Product documentation (as applicable)

Vendor shall provide estimated delivery timeline with bid submission.