



**THIS IS NOT
AN ORDER**

REQUEST FOR BIDS/PROPOSALS COVERSHEET
THE UNIVERSITY OF SOUTHERN MISSISSIPPI

Procurement and Contract Services
103 McIlwain Dr. Ocean Springs, MS, 39564

Date: _____

Bid No. 26-08

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 in Bond Hall, Room 214 on or before:

2:00 p.m. CST

October 14, 2025

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
Bid# 26-08 Plumbing Supplies for the Oyster Hatchery RFX# 3160007664				
PROPOSAL MUST BE RETURNED TO THE UNIVERSITY IN ACCORDANCE WITH THE SPECIFICATIONS. RFP NUMBER AND DATE OF BID OPENING MUST BE SHOWN ON THE OUTSIDE OF THE ENVELOPE IF USING THAT METHOD.				

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.

Sun-Herald

NOTICE TO BIDDERS

Sealed bids will be received on the Gulf Coast Research Laboratory's Cedar Point Campus in the Shipping and Receiving Office at 103 McIlwain Drive, Ocean Springs, Mississippi, until **Tuesday, October 14th, 2:00 p.m.** for the purchase of the following:

Bid# 26-08 Plumbing Supplies for the Cedar Point Oyster Hatchery
RFX: 3160007664

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:

09/24/2025

10/01/2025

Bid# 26-08 Plumbing Supplies for the Cedar Point Oyster Hatchery
RFX- 3160007664

Technical Specification – True Union PVC/CPVC Ball Valves (“Spears or Equal”)

1. General

Provide factory-manufactured, corrosion-resistant true-union thermoplastic ball valves suitable for use in pressurized water and compatible fluid systems. Valves shall be **Spears Manufacturing Model 2000 Series** or equal, meeting all performance and dimensional requirements specified herein.

2. Materials

- Valve body and end connectors shall be manufactured from **PVC Type I, ASTM D1784, Cell Class 12454**, or **CPVC Type IV, ASTM D1784, Cell Class 23447**.
- Seats shall be **PTFE (Teflon®)** or equivalent, providing low operating torque and chemical resistance.
- O-rings shall be **EPDM** (or Viton® if specified), suitable for potable water service.

3. Pressure Rating

- Valves shall be pressure-rated to **235 psi at 73°F for sizes ½" through 2"**, and **150 psi at 73°F for sizes 2½" through 6"**, for water and other non-shock fluids.

4. Design & Construction

- **True Union Design:** Union nuts shall allow removal of the valve body from the piping system without disturbing pipe connections.
- **Union Nut Threads:** Union nuts shall use **buttress threads** or equivalent heavy-duty design to prevent cross-threading and withstand high torque.
- **Stem Design:** Valves shall include a **blowout-resistant stem** design (e.g., Spears' Safe-T-Shear® or equal) to maintain seal integrity if stem failure occurs.
- **Seal Carrier / Blocking Feature:** Valves shall incorporate a design that permits downstream union removal under system pressure without blowout (e.g., Spears' Safe-T-Blocked® or equal).
- **Ball Design:** Valves shall be **full port** to minimize pressure drop and allow unrestricted flow.
- **Serviceability:** All internal components (ball, seats, O-rings, seals) shall be replaceable without removal of the valve body from the pipeline.

5. Standards & Certifications

Bid# 26-08 Plumbing Supplies for the Cedar Point Oyster Hatchery
RFX- 3160007664

- Valves shall comply with **NSF/ANSI 61** for potable water use.
- Valves shall be manufactured under a **quality management system certified to ISO 9001** or equal.

6. Sizes & End Connections

- Sizes shall range from **½" through 6" nominal pipe size**.
- End connections shall be **Socket (ASTM D2467, D2464), Threaded (NPT, ASTM D2464), or Flanged (ANSI Class 150)**, as indicated on the plans.

7. Acceptable Manufacturers

- Spears Manufacturing or comparable quality product suitable for use in an aquaculture facility.

Qty	Product No	Description
16	8097-007	SPEARS MFG. 3/4 PVC UNION 2000 SOC EPDM
9	8097-010	SPEARS MFG. 1 PVC UNION 2000 SOC EPDM
129	8097-020	SPEARS MFG. 2 PVC UNION 2000 SOC EPDM
33	8097-030	SPEARS MFG. 3 PVC UNION 2000 SOC EPDM
7	3629-005	SPEARS MFG. 1/2 PVC TU2K STANDARD BV SOC/FPT EPDM
58	2622-005	SPEARS MFG. 1/2 PVC UTILITY BALL VALVE SOC EPDM
124	3629-007	SPEARS MFG. 3/4 PVC TU2K STANDARD BV SOC/FPT EPDM
68	3629-010	SPEARS MFG. 1 PVC TU2K STANDARD BV SOC/FPT EPDM
5	3629-012	SPEARS MFG. 1-1/4 PVC TU2K STANDARD BV SOC/FPT EPDM
131	3629-020	SPEARS MFG. 2 PVC TU2K STANDARD BV SOC/FPT EPDM
27	3622-030	SPEARS MFG. 3 PVC TU2K STANDARD BV SOC EPDM
28	S1720-20	SPEARS MFG. 2 PVC T/U UTILITY SWING CHK VLV SOC EPDM
4	S1720-30	SPEARS MFG. 3 PVC T/U UTILITY SWG CHK VALVE SOC EPDM
246	5022T1-020	SPEARS MFG. 2 PVC TU2K IND 3WAY T/PT HOR SOC EPDM
7	5022T1-030	SPEARS MFG. 3 PVC TU2K IND 3WAY T/PT HOR SOC EPDM