THIS IS NOT AN ORDER

REQUEST FOR BIDS/PROPOSALS COVERSHEET

THE UNIVERSITY OF SOUTHERN MISSISSIPPI

Procurement and Contract Services
703 E. Beach Dr. Ocean Springs, MS 39564

Date: _____

Name: _____

Company: _____

Address: _____

City/State/Zip:_____

Bid No. 26-30

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:

March 20, 2026 2:00 p.m. CDT

Buyer: Millissa Weaver

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# 26-30 Heater Chiller System for Oyster Hatchery and Research Center as per attached specifications. **RFX 3160007920**		
		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.		

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.

AA/EOE/ADAI

Signature Required_____

Sun-Herald

NOTICE TO BIDDERS

Sealed bids will be received in the Shipping and Receiving Office (Room 1-148) of the Oceanography Building on Gulf Coast Research Laboratory's Halstead Campus at 703 E. Beach Drive, Ocean Springs, Mississippi, 39564, until **Friday, March 20th, 2026 at 2:00 p.m.** for the purchase of the following:

Bid# 26-30 Heater Chiller System for the Oyster Hatchery and Research Center
RFX: 3160007920

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:

03/01/2026
03/08/2026

Bid # 26-30
RFX 3160007920
University of Southern Mississippi
Heater Chiller System for Oyster Hatchery and Research Center

Technical Specifications – Aquaculture Water Temperature Control Equipment

1. General Requirements

The University of Southern Mississippi is soliciting sealed bids for the purchase and delivery of drop-in water chillers, air-cooled reversible heat pumps, and commercial-duty heat/chill pump units suitable for use in a research aquaculture facility.

All equipment shall be new, unused, and of current production.

Equipment specified herein establishes the minimum acceptable performance and quality standards. Equivalent products meeting or exceeding these specifications shall be accepted. The University reserves the right to determine equivalency.

2. Intended Application

Equipment will be used in a marine and freshwater aquaculture research environment and operate reliably in humid and corrosive coastal conditions must:

- Be suitable for freshwater and saltwater systems
- Maintain stable process water temperatures
- Be appropriate for continuous-duty commercial/research operation
- Be rated for outdoor or sheltered exterior installation where specified

3A. Low-Profile Drop-In Water Chillers (Quantity: 3)

Minimum Requirements:

- Compact, low-profile drop-in configuration
- Air-cooled design
- Nominal cooling capacity ≈ 6,000 BTUH
- Motor rating approximately 0.5 HP
- Electrical service: 115V, single phase
- Maximum operating current approx. 9.5 amps

- Power consumption approx. 1,100 watts
- Integrated digital temperature controller
- Single-stage control operation Hydraulic Performance:
    - Water flow range: 12–25 GPM Air-cooled design Approximate Dimensions:
        - Length: 17–18 in.
        - Width: 15–16 in.
        - Height: 13–14 in.

3B. Air-Cooled Reversible Heat Pump / Chiller Units (Quantity: 4)

Minimum Requirements:

- Air-cooled reversible heat pump capable of heating and chilling
- Cooling/heating capacity ≈ 6,000 BTUH
- Motor rating approximately 0.5 HP
- Electrical service: 115V, single phase
- Maximum operating current approx. 9.5 amps
- Digital temperature control
- Continuous-duty operation capability Hydraulic Performance:
    - Water flow range: 12–25 GPM Approximate Dimensions:
        - Length: ~24 in.
        - Width: ~15–16 in.
        - Height: ~15–16 in.

3C. Commercial Aquaculture Heat/Chill Pump Units – General Requirements

Applies to all units below:

- Heat or chill capability in a single unit
- Titanium heat exchanger suitable for saltwater use
- Corrosion-resistant construction
- Digital temperature controller
- Outdoor-rated control enclosure (NEMA 4X or equivalent)
- Integrated safety flow switch
- Stainless steel or corrosion-resistant stand

- Suitable for freshwater and saltwater aquaculture systems
- Outdoor installation capable

3C1. Medium Capacity Units (Quantity: 6)

- Nominal capacity: 5 tons (~60,000 BTUH)
- Electrical: 208–240V, single phase
- Operating amperage approx. 25 amps
- Water flow: 30–60 GPM
- Air output approx. 3,700 CFM
- Dimensions approx.: 51" L x 38" W x 75" H

3C2. Large Capacity Units (Quantity: 2)

- Nominal capacity: 7.5 tons (~90,000 BTUH)
- Electrical: 208–240V, three phase
- Operating amperage approx. 29 amps
- Water flow: 60–120 GPM
- Air output approx. 5,200 CFM
- Dimensions approx.: 51" L x 42" W x 65" H

3C3. Extra Large Capacity Units (Quantity: 2)

- Nominal capacity: 10 tons (~120,000 BTUH)
- Electrical: 208–240V, three phase
- Operating amperage approx. 40 amps
- Water flow: 60–120 GPM
- Air output approx. 5,200 CFM
- Dimensions approx.: 61" L x 46" W x 74" H

3D. Refrigerant Requirements

Units requiring refrigerant upgrades shall include pricing for systems utilizing low-GWP refrigerant (R454B or approved equivalent) compatible with listed equipment capacities.

4. Delivery Requirements

FOB Destination: University of Southern Mississippi.

Equipment shall be fully assembled where practical.

Delivery coordination required prior to shipment.

5. Acceptable Manufacturers

Aqua Logic Inc., manufacturer of titanium heat pumps and water chillers, or comparable quality product suitable for use in an aquaculture facility.