

USM SSP 27_009 Notice of Proposed Sole Source Purchase of Ambient H35 Dispenser.

http://www.ms.gov/dfa/contract_bid_search/Bid

RFx: 3150006984

Comments/objections will be received as required per Section 31-7-13 (C) of the Mississippi Code until 8:00 a.m. (Central Time) on September 2, 2026.

Any person or entity that objects and proposes that the commodity listed is not sole source and can be provided by another person or entity shall submit a written notice to:

Jacob Cochran

Director of Procurement & Contracts 118 College Dr. Box 5003 Hattiesburg, MS 39406

bids@usm.edu

Phone: 601-266-4131

Subject Line must read "Sole Source Objection USM SSP 27_009"

The notice shall contain a detailed explanation of why the commodity is not a sole source procurement. Appropriate documentation shall also be submitted if applicable.

If after a review of the submitted notice and documents, USM determines that the commodity in the proposed sole source request can be provided by another person or entity, then USM will withdraw the sole source request publication from the procurement portal website and submit the procurement of the commodity to an advertised competitive bid or selection process.

If USM determines after review that there is only one (1) source for the required commodity, then USM will appeal to the Public Procurement Review Board. USM will have the burden of proving that the commodity is only provided by one (1) source.

Run Dates: 8/19, 8/26

The University of Southern Mississippi
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The University of Southern Mississippi anticipates purchasing the item(s) listed below as a sole source purchase. Anyone objecting to this purchase shall follow the procedures outlined below.

1. Description of the commodity that USM is seeking to procure:

Ambient Hydrogen Auxiliary Dispenser (*H35 Dispenser*).

2. Explanation of why the commodity is the only one that meets the needs of the agency:

The *Ambient H35 Dispenser* is an optional upgrade to the SimpleFuel® Fueling Appliance and will allow USM and MPI to refuel an increased number of vehicles and equipment due to the lower refueling pressure of 350 barg.

3. Explanation of why the source is the only source is the only person or entity that can provide the required commodity:

The *H35 Dispenser* from **pdc Machines** is the only auxiliary 350 barg-dispenser that is compatible with the SimpleFuel® Fueling Appliance. The *H35 Dispenser* is designed to be integrated with the SimpleFuel® Appliance itself, which powers and controls both the *H70-* and *H35-* Dispensers.

4. Explanation of why the amount to be expended for the commodity is reasonable:

The capital expense for the hydrogen dispensing unit rated to 350 barg (*H35 Dispenser*) adhere to the strict engineering, safety, and regulatory obligations mandated for high-pressure hydrogen service. Operating at approximately 5,000 psi, the unit must be designed and fabricated in accordance with internationally recognized standards including SAE J2601 and ISO 19880-1, requiring comprehensive third-party type approval, material traceability documentation, and hydraulic proof testing at pressures significantly in excess

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of the maximum allowable working pressure. All wetted components must demonstrate full compatibility with high-pressure hydrogen service, addressing the well-documented risks of hydrogen embrittlement, sustained load cracking, and permeation, necessitating the selection and qualification of specialist alloys and elastomers across the entire pressure boundary. Accordingly, the +\$300,000 unit cost reflects the true and necessary expenditure required to deploy hydrogen dispensing infrastructure that meets the highest standards of technical integrity and personnel safety.

5. Efforts that the agency went through to obtain the best possible price for the commodity:

No other dispensers are compatible with **pdc Machines'** SimpleFuel® Fueling Appliance.

Advertisement Schedule	Date
1st scheduled	8/19/26
2nd scheduled	8/26/26

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Jacob Cochran

Director of Procurement & Contracts

Jacob.Cochran@usm.edu

Subject Line must read "Sole Source Objection 27_xxx"

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