

## USM SSP 22\_001 Notice of Proposed Sole Source Purchase

Commodity or commodities to be purchased (make, model, description):

- Pasco, PS-2134, Passport Temperature Type K Sensor
- Pasco, OS-8472A, Optic Mount Track Adapters
- Pasco, OS-8542, Blackbody Light Source
- Pasco, OS-8544, Blackbody Light Source with Prism for Spectrophotometer
- Pasco, PS-2150, Passport Broad Spectrum Light Sensor for OS-8544
- Pasco, PS-3202, Wireless Force Acceleration Sensor
- Pasco, CI-6512, RLC Circuit Board
- Pasco, ME-6819A, Pi Set
- Pasco, ME-9836, Track Rod Clamp
- Pasco, ME-9507, Multi-Clamp
- Pasco, ME-9483, Mounting Rods for Photogates and Super Pulleys
- Pasco, ME-6798, Project Launcher Smart Gate System
- Pasco, ME-9498A, Photogate Head
- Pasco, ME-9448B, Super Pulley with Clamp
- Pasco, PS-3599, Wireless Sensor Charger (charges PS-3202)

[http://www.ms.gov/dfa/contract\\_bid\\_search/Bid](http://www.ms.gov/dfa/contract_bid_search/Bid)

RFx: 3150003791

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 August 26, 2021.

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:

Steve Ballew

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

[bids@usm.edu](mailto:bids@usm.edu)

Phone: 601-266-4131

Subject Line must read "Sole Source Objection"

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: 8/9, 8/16**

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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:

- **Pasco, PS-2134, Passport Temperature Type K Sensor**
- **Pasco, OS-8472A, Optic Mount Track Adapters**
- **Pasco, OS-8542, Blackbody Light Source**
- **Pasco, OS-8544, Blackbody Light Source with Prism for Spectrophotometer**
- **Pasco, PS-2150, Passport Broad Spectrum Light Sensor for OS-8544**
- **Pasco, PS-3202, Wireless Force Acceleration Sensor**
- **Pasco, CI-6512, RLC Circuit Board**
- **Pasco, ME-6819A, Pi Set**
- **Pasco, ME-9836, Track Rod Clamp**
- **Pasco, ME-9507, Multi-Clamp**
- **Pasco, ME-9483, Mounting Rods for Photogates and Super Pulleys**
- **Pasco, ME-6798, Project Launcher Smart Gate System**
- **Pasco, ME-9498A, Photogate Head**
- **Pasco, ME-9448B, Super Pulley with Clamp**
- **Pasco, PS-3599, Wireless Sensor Charger (charges PS-3202)**

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

**The PS-2134 is the only K-Type thermocouple sensor of its kind that will work with our existing interface boxes. This is needed for PHY103 lab. The optic mount track adapters let the existing dynamics-tracks also be used for two other Pasco experiments, and saves money by reducing the number of experiment specific tracks. They are also replacements to adapters that are already being used. OS-8542, OS-8544, and PS-2150 are made to work with existing experiments and interface boxes.**

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**This equipment adds a new experiment to PHY103 and PHY341 labs via an affordable blackbody-like light source. PS-3202 and PS-3599 adds the ability to monitor centripetal force in real-time for a rotating experiment without wires. This would add to PHY111 and PHY201's centripetal force lab. CI-6512 is to replace the need of sharing the existing set of this equipment between PHY112 and PHY202 labs. CI-6512 is already in use and used for several labs in PHY112 and PHY202 labs. ME-6819A is the only of its kind (a cylinder) that will hold a clear measuring tape to do 111L's data analysis experiment. ME-9836, ME-9507, and ME-9483 are mounting equipment for existing sensors and equipment that was made uniquely for that equipment. ME-6798 and ME9498A is an experiment and sensor that are built for the existing interface. This is also equipment that is already and owned, so this set of equipment would allow PHY111L and PHY201L to have their own sets of equipment. ME-9448B is a pulley that can be used with a PASCO photogate to measure velocity. It is the only pulley that is preprogrammed to do that with the existing interface boxes.**

3. **Explanation of why the source is the only source is the only person or entity that can provide the required commodity: Pasco Scientific. They are the only company that sells this equipment that is fabricated to work with our existing lab equipment and interface boxes. Pasco also has an extensive catalog of many experiments that will allow the lab's experiments to be changed or modified as often as wanted, and keep us using the best**

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equipment in the area. A sole source letter from Pasco is also attached as a pdf listing this quote's sole source items.

4. Explanation of why the amount to be expended for the commodity is reasonable:  
**\$13,634.00 which includes shipping This is reasonable for the equipment for several experiments and some replacement parts because it is the equipment needed to upgrade the labs to more modern experiments with a better data acquisition system, and therefore will be used for at least 5 years (5 year warranty). The PHY201 and PHY202 manuals are outdated and this equipment will be used in the upgrade.**
5. Efforts that the agency went through to obtain the best possible price for the commodity:  
**Sidney Gautrau searched the internet for a company that made sensors and equipment that was fabricated for Pasco's sensors and no other company was found.**

<b>Advertisement Schedule</b>	<b>Date</b>
<b>1<sup>st</sup> scheduled</b>	<b>08/09/21</b>
<b>2<sup>nd</sup> scheduled</b>	<b>08/16/21</b>

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Steve Ballew

Director of Procurement & Contracts

steve.ballew@usm.edu

**Subject Line must read "Sole Source Objection 22\_001"**

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