Mississippi State University  
Notice of Proposed Sole Source Purchase

189-30

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

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

*Components for assembling a system to record multiple air velocity measurements in hvac filtration systems. These components consist of:*

* *Quantity 546 of DegreeC UAS1500XS, Part#FS58521*
  + *Very small form factor air velocity sensors with temperature compensation and USB interface.*
* *Quantity 48 of DegreeC CPort1200, Part# SH65200*
  + *Multi-channel data acquisition instrument allows the simultaneous measurement of air velocity and temperature at 12 locations and additionally provides barometric pressure and humidity measurements that are used for flow correction.*
* *Quantity 3 of DegreeC 37+ Channel Accutrac Software, Part#50802LS005*
  + *Multipoint airflow data acquisition software works with the items above to record and display in real-time the measurements taken from the devices above.*

1. Explanation of the need to be fulfilled by this item(s), how is it unique from all other options, and why it is the only one that can meet the specific needs of the department:

*These components will be used to perform airflow testing on air filtration systems to verify regulatory compliance with stringent environmental regulations. Extensive analysis and testing has previously been performed using these specific components to show that they are capable of verifying compliance with existing federal and state regulation and codes. Based on this previous work and because of the unique configuration of the filtration systems being tested, deviations from standard testing methods have been approved by federal and state regulators, to use these components.*

*The components are unique in that they provide a “hot-wire anemometer” sensor and associated electronics in a very small form factor that has minimal impact on the flow that it is measuring. Additionally, they are designed to allow many measurements to be taken simultaneously.*

*These components are the only ones that can meet the testing requirements for multiple reasons:*

* *Due to the complex nature of airflow distribution, any change in the sensors used or configuration of these sensors from the previous work would require the long and expensive analysis and approval process to be restarted.*
* *The sponsor of this work has contractually required us to use this model of air velocity sensor.*

1. Name of company/individual selling the item and why that source is the only possible source that can provide the required item(s):

*The company selling the items is:*

*Degree Controls, Inc.*

*18 Meadowbrook Drive*

*Milford, NH USA 03055*

*They are the manufacturer of these devices and the sole distributor.*

1. Estimated cost of item(s) and an explanation why the amount to be expended is considered reasonable:

*The estimated cost for these components is $498,000.00.*

*The cost is in line with similar (although unacceptable for the reasons above) air velocity measurement components.*

1. Explanation of the efforts taken by the department to determine this is the only source and the efforts used to obtain the best possible price:

*We purchased these items before for a previous contract. In addition, we compared the prices for similar items and they were in line.*

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:

Don Buffum, CPPO  
Director of Procurement & Contracts  
[dbuffum@procurement.msstate.edu](mailto:dbuffum@procurement.msstate.edu)  
**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, MSU determines that the commodity in the proposed sole source request can be provided by another person or entity, then MSU 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 MSU determines after review that there is only one (1) source for the required commodity, then MSU will appeal to the Public Procurement Review Board. MSU will have the burden of proving that the commodity is only provided by one (1) source.

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