Mississippi State University  
Notice of Proposed Sole Source Purchase

167-79

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):

Renishaw Reduced Build Volume Adaptor with software upgrade.

The systems allows for a build volume of 64 mm × 80 mm × 80 mm and only 0.75L of powder.

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

The reduced build volume adaptor will be critical for the testing of newly developed alloy chemistries for additive manufacturing. Alloys are currently being developed to improve the final product of AM processes; however, producing large quantities of these experimental powders is not cost effective. The reduced build volume kit allows builds to be produced with smaller quantities (0.75L) of powder.

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

Renishaw is the only company that manufactures a reduced build volume adaptor for our Renishaw AM 250. The adaptor must be compatible with our equipment, and the original equipment manufacturer is the only company that is producing this component currently

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

The estimated cost of the adaptor is $17,600 which includes a 20% discount. The adaptor features precisely machined components that are expensive to produce and must have a highly accurate geometry to integrate into our system. Additionally, the moving components are designed to have a step size of a few microns with precise gears and motors that are costly to install.

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:

The price was negotiated extensively to get the best possible price. Initially, a 5% discount ($20,900) was offered, but we were able to negotiate the price down further from the list price of $22,000 to the current quoted price. This is a significant discount provided by the manufacturer.

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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