

Notice of Intent to Certify Sole Source

To: Interested Parties

From: Dr. Paul Veregge
CIO/CMIO

Date: 9/5/2017

Re: Sole Source Certification Number SS9019

Contact Email Address: solesource@umc.edu

Sole Source Certification Award Details

Regarding UMMC Sole Source Certification Number **SS9019** for **Synopsys (fka Simpleware) ScanIP, ScanFE and ScanCAD**, please be advised that UMMC intends to award the purchase of the **ScanIP, ScanFE and ScanCAD** to **Synopsys (fka Simpleware)** as the sole source provider of the **ScanIP, ScanFE and ScanCAD**.

UMMC issues this notice in accordance with Mississippi state law, policy, and procedures for sole source procurements.

Sole Source Criteria

1. Where the compatibility of equipment, accessories, or replacement parts is the paramount consideration (and manufacturer is the sole supplier).
2. Where a sole supplier's item is needed for trial use or testing.
3. Where a sole supplier's item is to be required when no other item will service the needs of UMMC.

Schedule

Task	Date
First Advertisement Date	September 15, 2017
Second Advertisement Date	September 22, 2017
Response Deadline from Objectors	September 29, 2017, at 3:00 p.m. Central Time
Notice of Award/No Award Posted	Not before October 2, 2017

Project Details

1. Describe the commodity/service that the institution is seeking to procure:

The University of Mississippi Medical Center (UMMC) seeks to purchase additional seats for 3 months to Synopsys ScanIP, ScanFE and ScanCAD. This is a software suite that performs radiographic imaging analysis and functions as a pre-processor for finite elements software packages.

2. Explain why the commodity is the only one (1) that can meet the needs of the agency/institution:

Synopsis imports 3D radiographic data (such as stacks of DICOM files), imports CAD designs of surgical tools and implants (such as STL files), performs 3D measurements, constructs solid models, creates finite elements meshes, assigns material properties to finite elements, performs virtual surgery, exports meshes to files that can be read by our finite elements solver (ABAQUS).

3. Explain why the source is the only person or entity that can provide the required commodity/service:

It can read UMMC data files from previous projects that were created using this same software suite. Creates its finite elements mesh directly from the radiographs instead of from the solid model.

See supporting letter from **Synopsys**, Attachment A.

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

The estimated amount to be expended for the purchase of three additional seats for 3 months of Synopsys software suite is \$3,659.00. This amount is within the expected price range for these products.

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

Through market intelligence, UMMC was able to negotiate best pricing for these products. All applicable discounts were explored and applied.

Submission Instructions and Format of Response from Objecting Parties

Interested parties who have reason to believe that the Synopsys (fka Simpleware) for SCANIP, ScanFE and ScanCAD (hereafter, “Products”) should not be certified as a sole source should provide information in the Vendor Form for the State to use in determining whether or not to proceed with awarding the sole source to Synopsys. The Vendor Form may be found at <http://www.dfa.state.ms.us/Purchasing/documents/ObjectiontoSoleSourceDetermination.pdf>.

Objections must include the certification in Attachment B.

Comments will be accepted at any time prior to **Friday, September 29, 2017, at 3:00 p.m.** (Central Time) to solesource@umc.edu. Responses may be delivered via email to solesource@umc.edu. UMMC WILL NOT BE RESPONSIBLE FOR DELAYS IN THE DELIVERY OF RESPONSES. It is solely the responsibility of the Interested Parties that responses reach UMMC on time. Responses received after the deadline and responses that lack all required information will be rejected. UMMC reserves the right to inspect Interested Party’s commodity for comparison purposes.

If you have any questions concerning the information above or if we can be of further assistance, please contact solesource@umc.edu.

Attachment A: Vendor Correspondence

Attachment B: Objection Certification

Attachment B

**SUBMITTED IN RESPONSE TO
Sole Source Certification No. SS9019
Accepted until September 29, 2017, at 3:00 p.m.**

I certify that the information contained in this objection is true and accurate to the best of my knowledge. I understand that UMMC will investigate all statements made in this objection and that any false or misleading information provided may result in adverse action.

Objector Name
Objector's title

Date



Synopsys, Inc.
690 E. Middlefield Road
Mountain View CA 94043

July 12, 2017

Yuanyuan Duan, PhD, BDS
Assistant Professor, Biomedical Materials Science
School of Dentistry
University of Mississippi Medical Center ("UMMC")
Jackson, MS 39232

To Whom It May Concern:

The Synopsys Simpleware software product being purchased by Yuanyuan Duan at the UMMC performs the unique functionality of converting 3D images from MRI or CT scans into high fidelity finite element meshes used for computational simulation. The Synopsys Simpleware software product is unique in that it uses a proprietary image-based meshing algorithm to convert voxels from 3D images directly into volumetric finite element meshes. No other software currently on the market has this capability.

UMMC needs this specific and unique 3D image to mesh functionality because it enables the research group purchasing this Synopsys Simpleware software to conduct simulation research in the life sciences. Additionally, Synopsys' file format is unique, such that UMMC will need the Synopsys Simpleware software in order to continue opening its saved Synopsys Simpleware software files.

The Synopsys Simpleware software product(s) are not available through any third-party vendors in Mississippi. No other vendor can provide a quote for Synopsys Simpleware software for academic institutions.

Kind Regards,

A handwritten signature in black ink, appearing to read "Terry Ma", written over a horizontal line.

Terry Ma
Vice President, Silicon Engineering Group