

Scope of Work

- I. Scope of Solicitation**
- II. Instructions to Offerors**
- III. Scope of Work / Specifications**
- IV. Terms and Conditions - Special**
- V. Appendices to Scope of Work**
- VI. Bidding Schedule**

I. SCOPE OF SOLICITATION

Clemson University is seeking offers for a high speed digital camera compatible with existing systems to be used in ongoing research. The camera must perform at 9,000 frame/s at 1016x1016 pixels and have high spectral response at 830nm near infrared wavelength. These requirements are a must for this research. The MotionPro Y4S2 manufactured by Dynamic Imaging is preferred; however, equivalents will be accepted if they meet the mandatory minimum requirements as specified herein. Award will be made to one Offeror. Award will be made to the lowest responsible and responsive bidder(s).

II. INSTRUCTIONS TO OFFERORS

1. INFORMATION FOR OFFERORS TO SUBMIT - In addition to information requested elsewhere in this solicitation, Offerors should submit the following information for purposes of evaluation:

- All Offerors must include the name of the manufacturer and model number along with detailed product information with offer. Complete literature must be submitted as an attachment in the Bid Attachment Response in the online bid document. Any deviation from specifications, indicated herein, must be clearly pointed out; otherwise, it will be considered that items offered are in strict compliance with these specifications, and successful bidder will be held responsible. Include Offeror's name on the cover of any specifications or descriptive literature submitted with offer.

III. SCOPE OF WORK / SPECIFICATIONS

The following requirements are mandatory minimum requirements for the MotionPro Y4S2 manufactured by Dynamic Imaging or equivalent as specified in electronic bid document.

Required Specifications:

- MotionPro Y4S2 high speed camera or equivalent that must be compatible with existing systems to be used in ongoing research.

- Camera must perform at 9,000 frame/s at 1016x1016 pixels and have high spectral response at 830nm near infrared wavelength. These requirements are a must for our research.
- Speed Grade 2
- 30 bit color or 10 bit Mono
- USB 2.0 and Gb Ethernet
- 1016 x 1016 @ 4,500 fps (9,000 fps in Plus mode)
- 8 GB Memory
- HDMI Out
- Includes Power Supply
- USB 2.0 Cable and USB Memory Drive with MotionPro Software or equivalent.
- All freight charges must be included in pricing.

IV. TERMS AND CONDITIONS – SPECIAL

Not applicable

V. APPENDICES TO SCOPE OF WORK

Not Applicable

VI. BIDDING SCHEDULE

See online bid document for item listing and space provided for pricing.