



KERALA AGRICULTURAL UNIVERSITY
Kelappaji College of Agrl.Engg & Technology, Tavanur – 679 573

No. B3-1545/21

Dated:10-03-21

QUOTATION NOTICE

Sealed competitive quotations are invited for the supply of Image Processing Equipment for research activities of the AICRP on PHET Scheme of this college.

Si No.	Item	Specification	Qty
1	Image Processing Equipment	<p>a).A Color RGB Vision Camera with at least 1.2 megapixel 25 fps or above. C Mount Lens Mount With IR Cut filter to get proper colors RGB GigE output Trigger- hardware and software to get images as event based I/O Control – Digital I/O to control external events Pixel Size : 3.5um or greater Image capture – BMP,JPG,TIF Exposure control – Auto and manual Gain,offset – through software control Drive and SDK software support for Windows 7, 10 64 bit</p> <p>b).lens to capture the items from different working distances</p> <p>c).White Light (LED Based) to illuminate the objects</p> <p>d).Software for processing and analysis</p> <ul style="list-style-type: none">- GUI type- Compatible with Windows 7 , 10 64 bit OS- Compatible with camera to capture and process in real time with trigger- Preprocessing for color and monochrome images-Analysis algorithms for measurement, Connectivity, color classification, pattern search and match, OCR etc..- Scripting permitted. <p>Front end to GUI possible.</p> <ul style="list-style-type: none">-Should have provision to talk to PLC's etc., to control or send signals to control other hardware.- Should allow expansion to use other cameras in future like Monochrome, Near IR etc.	1 No

Terms and Conditions

1. The rates quoted should be inclusive of all taxes and other charges if any and the items shall be delivered and installed at the points specified by the undersigned (As the equipment is meant exclusively for research purpose, the GST rate should be @ 5% . Essentiality certificate in this connection will be issued along with the supply order)

2. The quotations should reach this office before 2.30 pm on 22-03-21 and the quotation will be opened at 3 pm on the same day.
3. Late and defective quotations will not be accepted.
4. The warranty /post supply service details etc. should be mentioned clearly.
5. The successful quotationer is liable to submit an agreement in stamp paper worth Rs.100/- and remit a security deposit @ 5% of total cost at the time of installation itself without which the settlement of invoice will not be done.
6. The envelope containing the quotation should be super scribed with "Quotation for the supply of **Image Processing Equipment**" for research activities of the AICRP on PHET Scheme of this college and addressed to the Dean (Ag. Engg), KCAET, Tavanur, Malappuram (Dt) Pin-679 573.
7. All rules related to Government quotations will be applicable in this case also.

Sd/-
Dean of faculty (Agri.Engg)

To : KAU Website, KCAET Website
Notice Board, Dr. Rajesh GK , Research Engineer.