

Tender No: AO/844/3-1 dt 18 June 2007

The Director, Aryabhata Research Institute of Observational Sciences (ARIES) invites tenders for supply of CCD System. The tender should be submitted in two parts i.e. Technical bid and Commercial bid. Both the sealed bids should be put up in a bigger envelope addressed to '**The Director, ARIES, Manora Peak, Nainital - 263129**'. Sealed tenders received by Regd. Post/Speed Post/Courier upto 18 July 2007 at 1100 hrs will only be accepted. Technical bids will be opened on the same date at 1500 hrs and commercial bids will be opened on 25 July 2007 at 1500 hrs of those bidders whose technical bid is accepted by the ARIES Technical evaluation Committee. Tender no. and date should be mentioned on the top of the envelope. Tender documents and other specifications may be obtained from this office after depositing Rs. 100/- or can be downloaded from website <http://aries.ernet.in/tender/tenderaa.html>. Suppliers downloading the forms from the website will have to deposit the tender amount of Rs. 100.00 in the form of DD in favour of the 'Director, ARIES' payable at Nainital. Bids should be accompanied by a bid-security of Rs. 20,000.00 in the form of DD only in favour of 'Director, ARIES' payable at Nainital. **DD for the tender amount and bid-Security should be submitted separately along with the Technical bids.**

Director,
ARIES, Nainital

CCD Camera System	
Rectangular Chip VGA format (Pixels)	640x480 approx
Pixel size (micron x micron)	10 x 10
Monochrome	
QE %	>50
QE% 400nm to 650 nm	>40
TE cooled	
Frame rate (full frames per second)	30
Read Noise (e-)	25 @ full speed
Read Noise with EM Gain (e-)	<1
A to D converter	14-bit
PC Interface	USB 2.0
Active area well depth (e-)	25,000 or better
Well depth in EM mode	1,00,000 or better
Baseline clamp	
Dark Current (e-/pixels/sec)	0.2 or better
Software controlled gain, binning temperature etc	
Electronic shutter	
Fps should double with binning	
Scientific grade chip	
Weight	< 1 kg
C mount face plate	
External trigger	
External fire	
Video output	
External sync	

Terms and condition of the Tenders

1. The item should carry 02 years warranty.
2. The payment terms will be 90% after receiving the material and 10% after the warranty period or after furnishing the Performance Guarantee of 10% of the total value of the items (including taxes).
3. The delivery should be on FOR ARIES basis.
4. Any defect during the warranty period, the supplier should bear the cost & transportation for the item upto the service station & back.
5. This organisation is exempted from paying custom and excise duty, supplier should note while giving their offer.
6. Taxes, if any should be shown separately.