

**KERALA AGRICULTURAL UNIVERSITY**

College of Forestry  
Vellanikkara - 680 656.  
Thrissur.

No. COF/GL (1)373/17

16 Feb. 2017

**OPEN QUOTATION NOTICE**

Sealed and competitive quotations are invited for supply and installation of **CCTV camera** and **EPABX system** in the College of Forestry having the following configuration,

**a. CCTV**

<b>Sl. No.</b>	<b>Specification</b>	<b>Qty</b>
1.	<b>IP Bullet Camera:</b> *1/3” 3Megapixel progressive CMOS S 2.8 mm fixed lens (3.6 mm 6mm optional) *H.264+ & H.264 dual-stream encoding *20fps@3M(2048x1536)&25/30fps@1080P(1920x1080) *DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC *Max IR LEDs Length 30m IP67, PoE	1 No
2	<b>IP DOME CAMERA</b> * 1/3” 1.3Megapixel progressive CMOS * 2.8 mm fixed lens (3.6mm optional) * H.264+ & H.264 dual-stream encoding * 25/30fps@1.3M(1280x960) * DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC * Max IR LEDs Length 30m, IP67, PoE	5 No
3	<b>NVR:</b> * 16 channel IP camera input * H.264/MJPEG dual codec decoding * Max 200Mbps incoming bandwidth * Up to 5Mp resolution preview & playback * HDMI/VGA simultaneous video output * 4/8/16 channel synchronous real time playback, GRID interface * Support Multi-brand network cameras * ONVIF Version 2.4 conformance * 3D intelligent positioning with PTZ camera * Support 2 SATA HDDs up to 8TB, 2 USB(1 USB3.0)	1 No
4	3 TB Hard Disk	2 No
5	Cat 6 jack	12 No
6	PoE Adapter	6 No

7	CAT 6 UTP Cable	305 Mtr
8	18.5 “ LED Monitor	1 No
9	<b>9U Rack With accessories:</b> 9U/600W/500D FRONT GLASS DOOR WITH TOP.BOTTOM WITHCABLE ENTRY CUTOUTS, power Distribution Unit, cooling fan, Cantilever Tray, hardware kit- 1 nos each	1 No
10	HDMA/VGA Cable	1 No
11	Installation Charges- Camera fixing, NVR Configuration	
12	Cable Laying Charges	

**b. EPABX system**

Sl. No.	Specification	Qty
1.	<b>Telecom System:</b> Built in CLI for trunks - CLI transferrable to extensions - VRS 08 port built in -10000 Calls buffer memory - Outgoing call/ Incoming call/ Missed call detailed printouts -HMS interface built in to support true check in -check out - ASMDR for Rupee billing - LCR Least cost routing -PRI Connectivity - GSM Trunk connectivity -Trunk Budjecting - Extension budjecting - Auto fax detection 4 port at a time - Voice navigator - expandable to 01 PRI/ 01 Digital ports/ 40 extensions . System should be further expandable to 96 port system The proposed system should be ISO Certified & TEC certified	1 No
2	<b>20 pair Armoured cable:</b> 20 pair telephone cable with following features - conductor : solid annealed bare copper; insulation material:0.5mm dia. High density polyethylene with insulation 0.20mm insulation thickness Rip cord : Nylon; Conductor Resistance:92.20 ohms/km at 20 °C; Mutual Capacitance:50nf/km; Insulation Resistance in Air:10,000M-ohms/km; Capacitance Unbalance Pair to Pair:250pF/km	200 mtr
3	MDF- 100 Pair	1 No
4	MDF-30 Pair	3 No
5	KRONE	12 No
6	RJ 11 Wall Socket	40 No
7	Back Box	37 No
8	Single Faceplate	37 No
9	2 pair telephone cable	1000 Mtrs
10	pvc pipe	300 Mtr
11	laying charge of cable	1100 Mtr
12	Trenching Charges	

**Additional conditions:**

1. Manufactures authorisation letter should be submitted from suppliers of all the electronic hardware included in the offer.
2. All the brands Quoted should be of reputed make.

Last date & time for receipt of quotation	: 2.30 pm on 28.02.2017
Date & time of opening of quotation	: 3.30 pm on 28.02.2017
EMD	: 1% of cost of quoted items subject to minimum of Rs.1000/- by way of DD drawn in favour of Dean, College of Forestry payable at SBT, KAU campus Code 70670
Time for completion of supply & installation	: 15 days

**Terms and conditions**

1. The sealed cover containing the quotation should be super scribed “**Quotation for the supply and installation of CCTV camera and EPABX system**” and should be addressed to the **Dean, College of Forestry, K.A.U. P.O, Thrissur, Kerala-680656**.
2. Each quotation should be accompanied an Earnest Money Deposit (EMD) of 1% of the total cost of the quoted items (subject to minimum of Rs.1000/-) by way of Demand Drafts separately and EMD drawn in favour of the Dean, College of Forestry, Vellanikkara payable at the State Bank of Travancore, KAU Campus (Branch Code 70670). Late and incomplete tenders and tenders without EMD and Agreement will not be accepted.
3. The successful quotationer should execute an agreement in Kerala Stamp Paper worth Rs. (Rupees one hundred only) at the time of supply of items and furnish a security deposit of 5% of the cost of the equipment quoted in the form of term deposit/bank guarantee /demand draft drawn in favour of Dean, College of Forestry, Vellanikkara payable at the State Bank of Travancore, KAU campus (Branch Code 70670). The format for the agreement can be downloaded from the KAU website [www.kau.in/tenders](http://www.kau.in/tenders). Firms who are exempted from payment of EMD should furnish copy of the currently valid certificate from the Store Purchase Department, Govt. of Kerala.
4. The cost of the item rate should be inclusive of all taxes for the supply and installation at this College.
5. The exact specifications, details of make, model, name of manufacturer, warranty details etc. of the item must be clearly specified. Copies of detailed technical literature and illustrated brochurers of the units quoted are to be included along with the offer. Details of maintenance service contract offered after expiry of normal warranty, spare parts availability and after-sales-service facilities available should be indicated Offers without these are liable to be rejected.
6. In the case of electricity operated equipment, the circuit diagram will have to e supplied.
7. Offers shall be made CIF Cochin by airfreight for imported instruments and F.O.R. destination for indigenous items. For imported items, charges for insuring up to final inland destination against all risks including total loss for CIF value plus 10% should be included in the insurance charge. Prices inclusive of ST and other taxes and installation charges may be indicated separately where applicable.

8. Prices quoted should be valid up to 31 March 2017.
9. The decision of the undersigned in finalizing the tenders shall be final and binding.
10. If any Bandh/strike/any unexpected holidays occurs on the date of opening of tender, the tender will be opened at the same time on the next working day.
11. On acceptance the supply order will be placed and supply and installation should be completed within 15 days from the date of receipt of supply order. The invoice in duplicate should be addressed to The Dean, College of Forestry, Vellanikkara. The payment will be effected only after satisfactory supply, installation of the item at College of Forestry, KAU in working condition and necessary demonstration by authorized service personnel. The Dean, College of Forestry, Vellanikkara reserves the right to remove the defaulted name from the list of suppliers permanently or for a specific period.
12. Tenders insisting payment in advance either full or part for releasing the documents through bank are liable for rejection.
13. List of users giving the exact address of the contract persons and the model number of the units available at these locations, have to be provided. Evidence of exclusive/authorized distributorship from foreign principals should be provided along with the offers for overseas products.
14. The Dean, College of Forestry, Vellanikkara has the right to accept or reject any or all of the offers without assigning any reason.
15. All the rules and regulation applicable to Government Quotations / Tenders will be applicable to this tender also.

Copy to:

1. Notice Boards
2. For local circulation
3. web site

Sd/-  
**D E A N i/c**