



Engineering College, Bikaner, Karni Industrial Area , Pugal Road, Bikaner
Rajasthan

INVITATION LETTER

Package Code: TEQIP-III/2019/RJ/gebk/78

Current Date: 03-Dec-2019

Package Name: ECB/TEQIPIII/CCTV

Method: Shopping Goods

To Be Published on ECB Website

Sub: INVITATION LETTER FOR ECB/TEQIPIII/CCTV

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	dome camera	20	Engineering College Bikaner, Karni Industrial Area, Pugal Road, Bikaner	Yes
2	cctv Network Video Recorder	1	Engineering College Bikaner, Karni Industrial Area, Pugal Road, Bikaner	Yes
3	UTP CAT6 cable	6	Engineering College Bikaner, Karni Industrial Area, Pugal Road, Bikaner	Yes
4	Bullet IP Camera	5	Engineering College Bikaner, Karni Industrial Area, Pugal Road, Bikaner	Yes
5	Network Switch POE	4	Engineering College Bikaner, Karni Industrial Area, Pugal Road, Bikaner	Yes

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. **Quotation**

- 3.1 The contract shall be for the full quantity as described above.
 - 3.2 Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
 - 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit Price.
 - 3.4 Applicable taxes shall be quoted separately for all items.
 - 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
 - 3.6 The Prices should be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
 5. Quotation shall remain valid for a period not less than 100days after the last date of quotation submission.

6. Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which
 - 6.1 are properly signed; and
 - 6.2 Confirm to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items together.
8. Award of contract The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
 - 8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of Contract.
 - 8.2 *The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be Incorporated in the purchase order.*
9. Payment shall be made in Indian Rupees as follows:

Payment Description	Expected Delivery Period (in Days)	Payment Percentage
Satisfactory Delivery & Installation	30	10
Satisfactory Acceptance	30	90


10. Liquidated Damages will be applied as per the below:
Liquidated Damages Per Day Min %:0.05
Liquidated Damages Max %:7
11. All supplied items are under warranty of 36 months from the date of successful acceptance of items and AMC/Others is .
12. You are requested to provide your offer latest by 13:30 hours on 17-Dec-2019 and quotation will be opened on 17th December 2019 at 14:00 PM.
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any) **yes**
15. Testing/Installation Clause (if any) **yes**
16. Performance Security shall be applicable: **7%**
17. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
18. Sealed quotation to be submitted/ delivered at the address mentioned below, **Engineering College, Bikaner, Karni Industrial Area , Pugal Road, Bikaner Rajasthan**
19. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)
Name & Designation

Principal
Engineering College
BIKANER

Annexure I

Sr. No	Item Name	Specifications
1	dome camera cctv	<p>Specifications: Image Sensor - 1/2.8" Progressive Scan CMOS, Min. Illumination:- Color: 0.01 Lux , 0.028Lux ;B/W: 0.001 Lux, 0.0028 Lux , 0 Lux with IR, WDR -120dB, 3-Axis Adjustment:- Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°, Focal Length:- 2.8/4/6 mm, IR Range:-Up to 40 Mtr, Video Compression:- Main stream: H.265/H.264, Sub-stream: H.265/H.264/MJPEG, Smart Features:- Tripwire, intrusion detection, Scene change detection, audio exception detection, Face Detection, Max. Resolution:- 1920 × 1080, Network Storage:- Support built-in micro SD/micro SDHC/micro SDXC card (128G), local storage and NAS (NFS, SMB/CIFS), ANR, Alarm Trigger:- Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error, API:- ONVIF (PROFILE S, PROFILE G), ISAPI, Users:20 Users, On-board Storage:- Built-in micro SD/micro SDHC/micro SDXC slot, up to 128 GB, Protection Level:- IP67, Certificates:- CE, FCC, UL, BIS , The bidder should be an authorized reseller or a channel partner of the OEM. An authorization letter from the OEM, A Certificate issued by the Competent Authority of the Govt. in support of existence of their manufacturing unit of CCTV equipment since last 15 years, and a Registration Certificate wherein the nature of business is indicated, is mandatory., The Products quoted should be of international repute and enlisted in the IHS report. The company should rank amongst the Top 5 OEMs in the latest 'IHS Report., The Office and Service Center address proof along with Local GST number needs to be submitted</p>
2	Network Video Recorder	<p>NVR should support up to 32 channel IP video input, support up to 12MP IP video input, recording resolution includes 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF, support bandwidth of 300 Mbps, should have 2 HDMI and 2 VGA output resolution, support ONVIF for third-party network camera, operable by front panel, mouse, remote control, or control keyboard, support H.265/H.265+/H.264/H.264+/MPEG4 decoding format, support 12MP/8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF, Audio decoding format: G.711ulaw, G.711alaw, G.722, G.726, offer 16-Channel, 1080P independent playback and support picture capture and playback, support continuous and event video recording parameters, multiple recording types: manual, continuous, alarm, motion, motion alarm, motion & alarm VCA, and POS, support POS information overlay on image, support pre-record and post-record for alarm, motion detection for recording, and pre-record time for schedule and manual recording, searching record files and captured pictures by events (alarm input/motion detection), tag adding for record files, searching and playing back by tags, locking and unlocking record files, enable H.265+ to ensure high video quality with lowered bitrate. support a 1/2/4/6/8/9/16/32/64 split screen in live view on connected monitor, and support click and drag the live view window to automatically adjust displayed camera order. capture settings by timing, motion and alarm type, maximum 8 time zones each day, each time zone maximum 1 hour, support up to 8 SATA hard disks and 1 eSATA disk can be connected WITH included minimum 12TB storage, support up to 10TB capacity for each HDD, Supports 8 network disks (NAS/IP SAN disk), HDD property: redundancy, read-only, read/write (R/W), support RAID0, 1, 5, 6, 10, Global hot spare HDD, hot-swappable RAID storage scheme, and can be enabled and disabled on your demand. And 8 arrays can be configured, NVR with eSATA interface can support disk clone to the eSATA disk, Two self-adaptive 10M/100M/1000Mbps network interfaces, and the multi-address and network fault tolerance working modes are configurable, IPV6, TCP/IP protocol, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, and iSCSI are supported, Auto/Manual port mapping by UpnP, Remote web browser access by HTTPS ensures high security, The ANR (Automatic Network Replenishment) function is supported, it enables the IP camera save the recording files in the local storage when the network is disconnected, and synchronizes the files to the NVR when the network is resumed, emote reverse playback via RTSP, RS-232, RS-485 transparent channel transmission, wo-way audio: 1-ch, RCA (2.0 Vp-p, 1 k ohm), Alarm for video loss, motion detection, tampering, abnormal signal, video input/output standard mismatch, illegal login, network disconnected, IP confliction, abnormal record/capture, HDD error, and HDD full, etc, POS, VCA supported, Certificates: CE, FCC, UL, BIS The bidder should be an authorized reseller or a</p>



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3	UTP CAT6 cable	Category 6 UTP LAN Cable 4 Pair Twisted Cable 305 Mtr Box with all accessories such RJ-45 connectors to terminate the cable and required accessories, conduit with laying cable as needed with trenching, excavation and digging etc, OEM MAF
4	Bullet IP Camera	Specifications : Image Sensor - 1/3" Progressive Scan CMOS, Min. Illumination Color - : 0.01 Lux , 0.018 Lux , 0 Lux with IR, Shutter Speed - 1/3 s to 1/100,000 s, Slow Shutter – Yes, Digital Noise Reduction - 3D DNR, WDR-120dB, 3-Axis Adjustment- Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°, Focal length - 2.8/4/6/8 mm, IR Range – Up to 90 Mtr, Video Compression - Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264, Smart Feature-- Tripwire, intrusion detection, Abandoned/Missing Object, Scene change detection, audio exception detection,Face Detection, Max. Resolution - 2688 × 1520, Image Enhancement - BLC/3D DNR/HLC, Day/Night Switch- - Day/Night/Auto/Schedule, Network Storage - Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR , Alarm Trigger -- Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error, Protocols:- TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour , API-- ONVIF (PROFILE S, PROFILE G), ISAPI , Users - 20 Users, Audio -- 1 input (line in/mic.in), 1 output (line out), terminal block, mono sound, On-board storage -- Built-in Micro SD/SDHC/SDXC slot, up to 128 GB, Protection Level:- IP67, Certificates:- CE, FCC, UL, BIS , The bidder should be an authorized reseller or a channel partner of the OEM. An authorization letter from the OEM, A Certificate issued by the Competent Authority of the Govt. in support of existence of their manufacturing unit of CCTV equipment since last 15 years, and a Registration Certificate wherein the nature of business is indicated, is mandatory., The Products quoted should be of international repute and enlisted in the IHS report. The company should rank amongst the Top 5 OEMs in the latest 'IHS Report., The Office and Service Center address proof along with Local GST number needs to be submitted
5	Network Switch POE	Rack-mountable - 8 x 10/100/1000 + 2 x combo Gigabit SFP , PoE+ (8 ports, 124 W), Switching capacity : 20 Gbps Forwarding performance, Managed Layer 2 & Layer 3 switch having minimum 8 Port RJ-45 POE, having minimum 16W power per port output with 2 Combo SFP Port, switch should have support minimum 64 VLAN, should support routing protocol as EIGRP, RIP, static routing, should rack mounted with rack mounting kit with installation, OEM MAF



FORMAT FOR QUOTATION SUBMISSION
(In letterhead of the supplier with seal)

Date: _____
To: _____

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex-Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____ (Amount in figures)

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.
We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No. _____