



केन्द्रीय विद्यालय कल्पेट्टा  
KENDRIYA VIDYALAYA KALPETTA  
(Under Ministry of Human Resource Development, Govt. of India)

वेअरहाउस के पास, पिल्लोडोड रोड,  
कल्पेट्टा (पी ओ) वायनाड,  
केरल 673121  
Warehouse Jn, Pinangode Road,  
Kalpetta (H.P.O.),  
Wayanad(Dist.), Kerala- 673121

KV CODE : 1077  
STATION CODE : 040  
REGION : 27

CBSE SCHOOL CODE : 07338  
CBSE AFFILIATION NO: 900027

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F. No. 1077/KVK/2019-20/

Date: 31/08/2019

To

Sub:-INVITING FOR QUOTATIONS FOR "Onsite Supply, Installation, Testing and Commissioning of CCTV Camera Surveillance System "- reg.

Sir/Madam,

1. The Kendriya Vidyalaya Sangathan, a centrally funded Autonomous Body, is a Society registered under Societies Registration Act, 1860. The Sangathan administers the Scheme of Kendriya Vidyalayas set up for imparting education to the children of transferable Central Govt. Employees.
2. Sealed competitive quotations from the Registered Firms are invited by the undersigned on behalf of the Kendriya Vidyalaya Sangathan for supply of the following items:

Where Bureau of Indian standards (BIS) certification marked goods are available in market, goods with those or equivalent marking only shall be offered.

**Last date and time of receipt of quotations: 27<sup>th</sup>September 2019, Friday at 03.00 P.M**

Please note:-

- a. The total price quoted include the supply on the site, Installation & Commissioning.
- b. Annual maintenance contract and term of warranty/guarantee to be specified separately along with details of charges applicable if any
- c. The prices should be quoted in Indian Rupees only
- d. Each bidder shall submit only one quotation. **However for different companies (Camera & NVR) rate can be quoted separately in different Annexures (Annexure B) in the sealed envelope "PART II Financial Bid"**.
- e. E-mail, Telex or Facsimile quotations are not acceptable
- f. The firm must have at least 03 years experience in this field.
- g. The firm should submit the copy of goodwill statement.
- h. **The bid should be submitted along with Bid Security of Rs. 5000/- (Rupees five thousand only) by bank draft in favour of Kendriya Vidyalaya, Vidyalaya Vikas Nidhi A/c, payable at Kalpetta.**
- i. The firm should enclose supporting documents regarding authorization of dealership service center registration of GST/ST/ITPAN or and any relevant document.
- j. Payment shall be made within 30 days after the supply, installation & satisfactory commissioning of goods & their acceptance.

- k. 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 the contract.
- l. The successful bidder has to **deposit performance security of 05 % of total cost** by means of Demand Draft in favour of the **Kendriya Vidyalaya, Vidyalaya Vikas Nidhi A/c**, payable at **Kalpetta** or will be deducted from the payment.
- m. Alternative Purchase: If the successful Bidder fails to execute the order within the stipulated time, the Tender Inviting Authority will be at liberty to make alternative arrangements for purchase of the items for which the purchase orders have been placed, from any other source or from the open market, at the risk and cost of the supplier. This would be in addition to any other penalties including forfeiture of security deposit
- n. The lowest bidder will be decided on total package cost of all items including installation , testing & commissioning costs on the site.
- o. Bidders may in their own interest visit the site and undertake site visit before submitting bids
- p. Bids should be submitted in **TWO SEPARATE SEALED ENVELOPES** as mentioned below & addressed to The Principal, Kendriya Vidyalaya, Kalpetta, Wayanad District , Kerala State PIN 673121, inside a sealed envelope super-scribed "Bid for CCTV Cameras installations etc."

**First sealed envelope (Part-I)** should contain **Technical Bid as per ANNEXURE A** . All the papers of bid documents except the price bid duly signed should be submitted in the first envelope. It should be super-scribed with "**PART I Technical Bid**" Required earnest money deposit in the form of Demand draft should be attached.

**Second sealed envelope (Part-II)** should contain Price Bid as per **Annexure -B**. It should be super-scribed with "**PART II Financial Bid**"

You are requested to submit the **Sealed Quotations** by post super-scribed on the envelope as "**Quotations for the "Installation of CCTV Cameras"** latest by **27<sup>th</sup> September 2019 at 03.00pm**. The sealed quotations can also be put in the tender box available in the Vidyalaya before the due date and time.

The quotations shall be opened on **27<sup>th</sup> September 2019 at 03.30 pm**. The bidders or their representatives who choose to be present at the time of opening of quotation are invited to do so. **Bids received late due to Postal delay or otherwise will not be considered. In this regard the decision of the Principal will be final and no complaints in this regard will be entertained.**

Yours faithfully,

(G.Sasikumar)  
Principal

**CRITERIA FOR TECHNICAL EVALUATION OF CCTV SURVEILLANCE SYSTEM**

1. The bidder must be an Indian firm/organization
2. The bidder must submit the Manufacturer's Authorization Letter
3. The bidder must have a valid GST Registration and attach the proof of the GST tax registration.
4. The bidder should have relevant experience of minimum of 2 years in "Supply, Installation & Commissioning of similar CCTV Camera Surveillance projects"
5. The bidder should have minimum of 2 implemented Projects
6. The Products should have minimum ONE YEAR warranty. Warranty for additional years may be shown separately.
7. The rate quoted should include all Taxes, Labour, transportation, loading & unloading as required.
8. The rate quoted should not involve any hidden costs.
9. The materials supply, its loading, unloading, installation, testing and satisfactory commissioning of the entire project will be the sole responsibility of the bidder.
10. The comparison of Bids for the award of the supply order will be based on Technical Criteria.
11. The Evaluation by the Technical experts & Purchase committee will be treated as final.  
The PRINCIPAL, KENDRIYA VIDYALAYA, KALPETTA reserves the right to reject any tender or all the Tenders without assigning any reasons.

**12. INSPECTION AND TESTS**

The Purchaser or its representatives or ultimate client shall have the right to inspect and test the goods for their conformity to the specifications. The Purchaser may also appoint an agency for this purpose. The technical specifications shall specify what inspection and tests the Purchaser requires and where they are to be conducted, Where the Purchaser decides to conduct such tests on the premises of the Supplier, all reasonable facilities and assistance like testing instruments and other test gadgets including access to the drawings and production data shall be furnished to the Inspector free of costs. In case the tested goods fail to conform to the specifications, the Inspector may reject them and the Supplier shall either replace the rejected goods or make alteration necessary to meet the specifications requirements free of cost to the Purchaser.

Notwithstanding the pre-supply tests and inspections, the material on receipt in the Purchaser's premises shall also be tested and if any material or part thereof is found defective, the same shall be replaced free of cost to the Purchaser. If any material before it is taken over is found defective or fails to fulfill the requirements of the contract, the Inspector shall give the Supplier notice setting forth details of such defects or failures and the Supplier shall make the material good or alter the same to make it comply with the requirements of the contract and in any case within a period not exceeding 1 month of the initial report. These replacements shall be made by the Supplier, free of the all charges, at the site(s).

**13. WARRANTY**

The Supplier shall give warranty that goods to be supplied shall be new and free from all defects and faults in material, workmanship, and manufacture and shall be of the highest grade and consistent with the established and generally accepted standards for materials of the type ordered and shall perform in full conformity with the specifications and drawings. The Supplier shall be responsible for any defects that may develop under the conditions provided by the supplier and under proper use, arising from faulty materials, design or workmanship such as corrosion of the equipment, inadequate contact protection, deficiencies in circuit design and or otherwise and shall remedy such defects at his own cost when called upon to do so by the Purchaser who shall state in writing in what respect goods are faulty. This warrantee shall survive inspection or payment for, and acceptance of goods, after the goods have been taken over.

If it becomes necessary for the supplier to replace or renew any defective portion/portions of the equipment under this clause, the provisions of the clause shall apply to the portion/portions of equipment's replaced or renewed. If any defect is not remedied within a reasonable time, the Purchaser may proceed to get the work done at the Supplier's risk and expenses, but without prejudice to any other rights which the Purchaser may have against the Supplier in respect of such defects.

Replacement under warranty clause shall be made by the Supplier free of all charges at site including freight, insurance and other incidental charges.

Work under the warranty provisions shall be carried out during Normal Working Hours.

SPECIFICATION FOR IP CCTV SURVEILLANCE SYSTEM AT KENDRIYA VIDYALAYA, KALPETTA					
SL NO	Features	Specification	Rate	QTY	Amount
1	<b>32 CHANNEL NETWORK VIDEO RECORDER</b>			1	
	Processor	Dual-core embedded processor			
	Operating System	Embedded LINUX			
	IP Camera Input	32 Channel			
	Two-way Talk	1 Channel Input, 1 Channel Output, RCA			
	Video output	1 HDMI, 1VGA			
	Video Resolution	3840 × 2160 , 1920 × 1080 , 1280 × 1024, 1280X720, 1024X768			
	Compression	Smart H.265+/H.265/Smart H.264+/H.264			
	Video recording	200Mbps			
	Record Mode	Manual, Schedule (Regular,continuous), MD(Motion Detection, video detection,Tampering,Video loss) , Stop			
	Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
	Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer and Screen Tips			
	Alarm input	04 Channel			
	Alarm Output	02 Channel			
	Sync Playback	1/4/8/9/16			
	Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second), smart search			
	Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom			
	Backup Mode	USB Device/Network			
	Ethernet	1 RJ-45 Ports (10/100/1000Mbps)			
	Protocols	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, IP Search, ONVIF 2.4, CGI Conformant			
	Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android				
Internal HDD	2 SATA III Ports, Up to 12TB capacity				
CERTIFICATIONS	CE, FCC				
MAKE	<b>CP PLUS, PANASONIC, NORDEN, HONEYWELL, BOSCH etc. (Rate for different companies to be quoted separately)</b>				
2	<b>4MP IP IR BULLET CAMERA NIGHT VISION</b>			16	
	Image Sensor	1/3" 4MP PS CMOS Image Sensor			
	Effective Pixels	2688(H)x1520(V)			
	Minimum illumination	0.09Lux/F2.0( Color,1/3s,30IRE) 0.5Lux/F2.0( Color,1/30s,30IRE) 0Lux/F2.0(IR on)			
	S/N Ratio	More than 50dB			
	IR Distance	ir range of 30 mtr			
	Lens	2.8mm fixed lens (3.6mm optional)			
VIDEO	H.265+/H.265/H.264+/H.264H/MJPEG(Sub Stream)				

	Compression			
	Resolution	4M(2688x1520)/3M(2304x1296)/1080P(1920x1080)/1.3M(1280x960)/720P(1280x720)/VGA(64)		
	Frame Rate	Main Stream: 4MP(1 ~ 20fps)		
		Sub Stream: D1(1 ~ 20fps)		
	Bit Rate	H.264: 32K~6144K, H.265: 12K~ 6144K		
	Day/Night	Auto(ICR) / Color / B/W		
	BLC Mode	BLC / HLC / D-WDR		
	Gain Control	Auto/Manual		
	Motion Detection	Off / On (4 Zone, Rectangle)		
	Privacy Masking	Off / On (4 Area, Rectangle)		
	Ethernet	RJ-45 (10/100Base-T)		
	Protocol	HTTP;HTTPS;TCP;ARP;RTSP;RTP;RTCP;UDP;SMTP;FTP;DHCP;DNS;DDNS;PPPoE;IPV4/V6;QoS;UPnP;NTP;Bonjour;IEEE 802.1X;Multicast;ICMP;IGMP;TLS;SSH, ONVIF Profile S&G, API		
	Max. User Access	20 Users		
	Smart Phone	IPHONE, IPAD, , Android		
	Certifications	CE,FCC		
	Ingress Protection	IP67,POE		
	<b>MAKE: CP PLUS , PANASONIC,NORDEN, HONEYWELL, BOSCH (Rate for different companies to be quoted separately)</b>			
3	CCTV POWERSUPPLY 12V -5AMPS - BESTNET/ERD		6	
4	05 PORT GIGABIT SWITCH-NETGEAR/CISCO		5	
5	08 PORT GIGABIT SWITCH-NETGEAR/CISCO		1	
	Gigabit Ethernet	Ports 10/100/1000		
	RAM	1MB		
	MAC Address Table Size	4K entries		
	Status Indicators	Port transmission speed, power, link OK, link/activity		
	Features	auto-sensing per device, auto-uplink (auto MDI/MDI-X), full duplex capability, store and forward		
	Communication Mode	full-duplex, half-duplex		
6	SURVEILLANCE HARD DISK-6TB WDPURPLE/SEAGATE		2	
7	DC CONNECTORS		16	
8	RJ-45 CONNECTOR WITH BOOT-D-LINK/BESTNET		50	
9	CAT6 UTP CABLE INCLUDING LABOUR & MATERIALS (D-LINK / NORDEN) (APPROX 900MTR) (FOR 16 NOS CAMERAS) - Rate per mtr to be quoted		900 MTR (approx.)	
10	1.5 SQMM 2 CORE CABLE including labour and Materials (FINOLEX/RR/V-GUARD) (APPROX 600 MTR) (FOR 16 NOS CAMERAS)		600 MTR (approx.)	
11	PVC 4*4 BOX FOR CAMERAS		16	
12	SWITCH MOUNTABLE BOX		6	
13	3 KVA ONLINE UPS WITH 3 HOUR BATTERY BACKUP-HYKON		1	
14	6U RACK DEPTH : 600 mm & WIDTH: 550mm WITH ACCESSORIES( COOLING FAN, CABLE MANAGER, PDU, TRAY & TOOL KIT)-D-LINK/NETRACK		1	
15	INSTALLATION CHARGE FOR 16 NOS CAMERA & 01 NOS NVR MOUNTING/SOFTWARE/ IP PROGRAMMING		LOT	

**All Taxes, Cess if any, as applicable should be mentioned clearly in price bid.**