

NOTICE**Quotation No:04/2023-24**

Sealed quotations are invited for the **Purchase/Installation of CCTV in Library** specified in the schedule attached below/overleaf. The rates quoted should be for delivery of the articles at the place mentioned below the schedule. The necessary superscription, due date for the receipt of quotations, the date up to which the rates will have to remain firm for acceptance and the name and address of officer to whom the quotation is to be sent are noted below. **Any quotation received after the time fixed on the due date is liable to be rejected.** The maximum period required for delivery of the articles should also be mentioned. Quotations not stipulating period of firmness and with price variation clause and/or 'subject to prior sale' condition are liable to be rejected.

The prices quoted should be inclusive of all taxes, duties, GST etc. which are or may become payable by the contractor under existing or future law or rules of the country of origin/supply or delivery during the course of execution of the contract.

Special conditions, if any, printed on the quotation sheets of the tenders or attached with the tender will not be applicable to the contract unless they are expressly accepted in writing by the purchaser.

Superscription : Purchase/ Installation of CCTV in Library
Quotation No : 04/2023-24
Due date and time for receipt of quotations : 20.06.2023; 2pm
Date and Time for opening Quotation : 20.06.2023; 3pm
Date up to which the rates are to remain firm for : 31/12/2023
acceptance
Designation and address of Officer whom the : Principal
quotation is to be addressed Government Engineering College, Barton Hill

Place:Thiruvananthapuram

Date:09.06.2023

Details of items**Quantity**

-
1. Purchase/Installation of CCTV in Library
 2. Detailed Specifications attached below

Place:Thiruvananthapuram

Government Engineering College, Barton Hill

Date:09.06.2023

Copy to

1. Shri.Bavakutty T, Computer Programmer

2. Notice Board

Approval Valid

Digitally Approved By

Dr. Shiny G

Date: 09.06.2023

Reason: Approved

PURCHASE / INSTALLATION OF CCTV IN LIBRARY

Details of Items

| SL.NO | ITEM | SPECIFICATION | QUANTITY UoM |
|-------|---|--|-----------------|
| | | CCTV Components | |
| 1 | 8 Channel DVR Make : Honeywell, Sony, AXIS and Arecont Vision(MAF required) | Supply of 8 channel DVR, H.265 + dual-stream video compression Supports HDCVI/TVI/AHD/CVBS video inputs Long transmission distance over coax cable Supports 1 SATA HDD, up to 10TB, 5MP, 4 MP,1080P@25/30, 720P@25/30fps, Main stream: 5M-N(1~10fps), 4M-N/1080P(1~15fps),1080N/720P/960H/D1/CIF(1~25/30fps) Sub stream: D1/CIF(1~15fps),32Kbps~6144Kbps Per Channel, 1 HDMI, 1 VGA, Camera title, Time, Video loss, Camera lock, Motion Detection, Recording, 8CH: 1RJ -45, Port(100M), HTTPS;TCP/IP;IPv4/IPv6; UPnP; RTSP; UDP;SMTP;NTP;DHCP;DNS; IP filter; PPPoE; DDNS; FTP; IP Search Make: Honeywell, Sony, AXIS and Arecont Vision (MAF required) | 1 |
| 2 | Bullet Camera Make : Honeywell, Sony, AXIS and Arecont Vision(MAF required) | Supply of 5MP Bullet camera, 5MP real time high resolution, CMOS progressive scan, True day/night capability, TDN, AWB, AGC, 3.6mm & 2.8 - 12mm lens IR distance: up to 40 meters Power: 12VDC, Dual output AHD & CVBS, 0.01Lux BW, 0 Lux IR, AUTO, PAL:1/25s~1/10, 000 s NTSC:1/30 s to 1/10, 000s, 2.8-12 mm, >50dB, 211(W) X 92(H) X 90(D)mm, IP67 Make : Honeywell, Sony, AXIS and Arecont Vision(MAF required) | 6 |
| 3 | 2TB HardDisk(Approved Makes - Seagate/WD/SkyHawk) | Supply of 2TB surveillance HDD Capacity up to 2TB, Support for up to 16 cameras per drive, AllFrame TM technology, Up to 16 AI channels for Deep learning analytics on AI - enabled NVRs & bull MTBF of up to 1.5 million hours & bull; 3 - year limited warranty, Interface Sata 6Gb/s Form factor 3.5 inch, Performance Class 7200 RPM Class, Advanced Format(AF), RoHS compliant Cameras supported up to 64, Drive bays supported 16+, AI streams 32, Tarnish resistant components, Interface transfer rate(max) Approved Makes - Seagate/WD/SkyHawk | 1 |
| 4 | 10Amp 12V, Powersupply | Supply of 12V, 10A Powersupply | 1 |

| | | | |
|---|---|--|-----|
| 5 | 6U Wall Mount Rack(Approved Makes - Netrack/Rittal)(MAF required) | Supply of 6U wall mount Rack with Conforms to DIN 41494 or Equivalent EIA/ISO/EN/CEA Standard, Adjustable mounting depth, 2 No Adjustable , 19" verticals with Punched 10 mm Square Hole and Universal 12.7 mm -15.875mm-15.875mm alternating hole pattern offers greater mounting flexibility, maximizes usable mounting space, Approved Makes - Netrack/Rittal (MAF required) | 1 |
| 6 | Cat6 UTP Cable(Approved Makes - Molex, Panduit and Belden)(MAF Required) | Supply of Cat.6, U/UTP, 4 Pair, 23 AWG cable, 100 Ohm impedance, Standardization ISO/IEC 11801 ed.2.2; IEC61156-5 2nd ed; EN 50173-1;EN 50288 -6-1; TIA 568-C.2, Data transmission frequencies of up to 250 MHz Approved Makes - Molex, Panduit and Belden MAF Required | 250 |
| 7 | PVC Conduit Supply(All included) | Conduit - Supply of Ivory/ white colour 25mm Medium ISI Branded pipe and Accessories including junctions and fasteners | 150 |
| 8 | Electrical Accessories | Supply of electrical items such as 4way DB with isolator, MCB, Plug Socket, Switches, Plug Tops, Electrical fasteners at each points | 1 |
| 9 | Camera Box and Connectors | Supply of Camera Box and connectors for fixing camera | 6 |
| | | Labour Part | |
| 1 | Laying of 4 Pair UTP Cable | | 250 |
| 2 | Laying of PVC Conduit | | 200 |
| 3 | Fixing of camera box and connector termination | | 6 |
| 4 | Fixing of electrical items such as 4 way DB with isolator, MCB, Plug Socket, switches, Plug Tops, Electrical fasteners at each points | | 1 |
| 5 | Fixing of 6U wall mount rack | | 1 |
| 6 | Fixing of indoor outdoor camera | | 6 |
| 7 | Configuration , testing, documentation & commissioning of DVR | | 1 |

Note :

1. The manufacturer of the item & warranty period shall be clearly specified in the quotation.