| Help | Item Rate BoQ |
|------|---------------|
|      | t Help        |

| Tender Inviting Authority: Staff Officer (EnM), Barka-Sayal Area, CCL.  |   |   |                   |                                   |   |
|---|---|---|-------------------|-----------------------------------|---|
| Comprehensive Annual Maintenance Contract (CAMC) of 89 Nos. CCTV Camera along with associated NVR, UPS, Monitors, Radio, OFC equipment's Networking equipment's installed at different Project for a Period of one year including supply of materials for unrepairable items under Barka Sayal Area |   |   |                   |                                   |   |
|   | Category of Services (To Be Selected by Department) | Category of Bidder<br>( To Be Selected by Bidder) |                   |                                   |   |
| ITC Available   | Works Contract                                      | Bidder's Status (Mandatory)                       | Total GST(in Rs.) | GST to be Paid By Bidder (in Rs.) | GST to be Paid By CIL/Subsidiary (in Rs.) |
| Name of the Bidder/<br>Bidding Firm /<br>Company :  |   | Select  | 0.00              | 0.00                              | 0.00                                      |
|   | DDICE SCHENIH E                                     |   |                   |                                   |   |

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

| NUMBER #   | TEXT #  | NUMBER # | TEXT # | NUMBER #   | NUMBER#                                   | TEXT #                   |
|------------|---|----------|--------|--|---|--------------------------|
| SI.<br>No. | Item Description  | Quantity | Units  | BASIC RATE In Figures To be entered by the Bidder in Rs. P | TOTAL AMOUNT Without<br>Taxes in<br>Rs. P | TOTAL AMOUNT<br>In Words |
| 1          | 2   | 3        | 4      | 6  | 7   | 8                        |
| 1          | 4 MP IP IR Bullet Camera The Camera should have following specification or higher, Image Sensor: 1.0 inch/CMOS. Regulation:4 Megapixel (1920x1081), 4x IR Distance: 30 Mtr. or more Focal Length: 3-10 mm, Video/Image Compression: H.264, H265+,   | 17       | Nos.   |  | 0.00                                      | INR Zero Only            |
| 2          | 8 Channel NVR Network Video Recorder (NVR): Minimum 8 Channel full HD Intelligent Video Analysis NVR. Recording Resolution: 4MP/*MP 1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF : UP to 4 Megapixels resolution recording HDMI and VGA output at up to 1920x1080 Presolution IPC Input Recording 8/16ch playback, All Live display, Audio in/out 320m bandwidth, support iVA, smart Search, 2 nort x HDMI.2nort x ri45 (Ethernet). USB Interface: | 2        | Nos.   |  | 0.00                                      | INR Zero Only            |

|   |   |      | I     |                    |
|---|---|------|-------|--------------------|
| 3 | Supply of 6core un armored single mode optical fiber cable with Attenuation before cladding less than 0.20 dB/km after cladding 0.22db/km, Zero Dispersion Wavelength 1300 to 1324 nm, zero dispersion slope $\leq\!0.092$ PS/nm2 km, PMD (Polarization Mode Dispersion) $\leq\!0.2$ PS/\dangle km, Cable Cut-off Wavelength (\lambda cc) \leq 1260 nm, Macro bending Loss (100 turns; \Phi 50 mm) @1550 nm \leq 0.05 db. Cladding Diameter 125 \pm 1 \mu m And Proof stress \geq 0.69Gpa | 1000 | Mtrs. | 0.00 INR Zero Only |
| 4 | Supply of Jointing box (Bamboo type) for FC.water proof, fire-retardant and quake-proof etc.  | 10   | Nos.  | 0.00 INR Zero Only |
| 5 | suply Fiber patch cord LC-SC single mode 3 meter duplex, suitable for data communication, and telecommunication applications.   | 10   | Nos.  | 0.00 INR Zero Only |
| 6 | 8 port POE 8 Port Gigabit PoE Switch - 8 PoE+ 2 Uplink Port 250m Supports 10 port 1Gps with 8 PoE port switch that offers 8 10/100/1000 Mbps PoE ports, 2 10/100/1000Mbps. 8 10/100/1000 Mbps gigabit ethernet ports 2 10/100/1000 Mbps uplink port 120watts available PoE Flow control for protection against data loss Maximum distance of 250m Light protection (6kV   | 1    | No.   | 0.00 INR Zero Only |
| 7 | Supply Ethernet media converter: FCC Class B, CE, RoHS, Pure Networking Copper to Fiber Media Converter - 10/100/1000BASE-TX to 1000BASE-LX Singlemode SC, 1310-nm, up to 20-km, (1) RJ-45; (1) pair of SC, MEDIA SUPPORTED CATX UTP/STP;Single-mode fiber (8.3/125 μm, 9/125 μm, 10/125 μm) DISTANCE CATX: 328 ft. (100 m), SM fiber: 12.4 mi. (20 km), 1000BASE-T, 802.3z 1000BASE-X  | 10   | Nos.  | 0.00 INR Zero Only |
| 8 | a) Core: 2 Core, Color Coded., b) Conductor:<br>Copper, multistraded, c) Insulation PVC, d) Outer<br>Sheath PVC, e) Max. DC Res./Km 10 Ohm, f) Current<br>Rating 24 Amp. Minm., g) Voltage Rating 1100V<br>Minm., h) Operating Temp 0 to 70 0 C   | 400  | Mtrs. | 0.00 INR Zero Only |

| 1.2 KVA/8640 VAH Sine wave Inverter Input:<br>Single phase sine wave (120 to 260 V), output: single   |   |  |  | 0.00   | INR Zero Only   |  |
|---|---|--|--|--|---|--|
| wavw sine wave 230V, Inverter Efficiency (%)= 87%.; with 120AH Tubular battery  | 4   | Nos.   |  |  |   |  |
| 250 Mbps throughput Industrial grade PTP Radio: a) RF BANDS: Wide-band operation 4.9 to 6.05 GHz. b) CHANNEL SIZES: 5, 10, 15, 20, 30, 40, and 45 MHz channels c)MAXIMUM TRANSMIT POWER: Up to 27 dBm at BPSK; up to 23 dBm at 256 QAM or higher. d)RECEIVER SENSITIVITY: -98 dBm with 5 MHz channel e) LATENCY: 1 – 3 m s one-direction latency f) FLEXIBLE I/O: 2 x Gigabit Ethernet copper ports: Gigabit Port 1: Data + PoE power input Gigabit Port 2: 802.3at PoE output port SFP port (single-mode fiber, multi-mode fiber, and copper Gigabit Ethernet options available) | 8   | Nos.   |  | 0.00   | INR Zero Only   |  |
| CAMC charges for repairing and maintenance of 89 CCTV Camera, associated NVR, Switches, Monitors, UPS, Voltage Stabilizers, Radio links, OFC Links and replacement of CMOS cell of NVRs, relocation of CCTV system if required and Other related works of CCTV integration for remote monitoring with deputing minimum 01 skilled labor, 01 semi-skilled labor on daily basis for the CCTV CAMC work  | 1   | Lot  |  | 0.00   | INR Zero Only   |  |
| Total impact of GST for the purpose of CTC  | 1.000   | No.  | 0.00   | 0.00   | INR Zero Only   |  |
|   |   | <u> </u>   |  | 0.00   | INR Zero Only   |  |
| Quoted Rate in Words  |   | INR Zero Only  |  |  |   |  |
| _   | Single phase sine wave (120 to 260 V), output: single wavw sine wave 230V, Inverter Efficiency (%)= 87%.; with 120AH Tubular battery  250 Mbps throughput Industrial grade PTP Radio: a) RF BANDS: Wide-band operation 4.9 to 6.05 GHz. b) CHANNEL SIZES: 5, 10, 15, 20, 30, 40, and 45 MHz channels c)MAXIMUM TRANSMIT POWER: Up to 27 dBm at BPSK; up to 23 dBm at 256 QAM or higher. d)RECEIVER SENSITIVITY: -98 dBm with 5 MHz channel e) LATENCY: 1 – 3 m s one-direction latency f) FLEXIBLE I/O: 2 x Gigabit Ethernet copper ports: Gigabit Port 1: Data + PoE power input Gigabit Port 2: 802.3at PoE output port SFP port (single-mode fiber, multi-mode fiber, and copper Gigabit Ethernet options available)  CAMC charges for repairing and maintenance of 89 CCTV Camera, associated NVR, Switches, Monitors, UPS, Voltage Stabilizers, Radio links, OFC Links and replacement of CMOS cell of NVRs, relocation of CCTV system if required and Other related works of CCTV integration for remote monitoring with deputing minimum 01 skilled labor, 01 semi-skilled labor on daily basis for the CCTV CAMC work  Total impact of GST for the purpose of CTC | Single phase sine wave (120 to 260 V), output: single wavw sine wave 230V, Inverter Efficiency (%)= 87%.; with 120AH Tubular battery  250 Mbps throughput Industrial grade PTP Radio:  a) RF BANDS: Wide-band operation 4.9 to 6.05 GHz. b) CHANNEL SIZES: 5, 10, 15, 20, 30, 40, and 45 MHz channels c)MAXIMUM TRANSMIT POWER: Up to 27 dBm at BPSK; up to 23 dBm at 256 QAM or higher. d)RECEIVER SENSITIVITY: -98 dBm with 5 MHz channel e) LATENCY: 1 – 3 m s one-direction latency f) FLEXIBLE I/O: 2 x Gigabit Ethernet copper ports: Gigabit Port 1: Data + PoE power input Gigabit Port 2: 802.3at PoE output port SFP port (single-mode fiber, multi-mode fiber, and copper Gigabit Ethernet options available)  CAMC charges for repairing and maintenance of 89 CCTV Camera, associated NVR, Switches, Monitors, UPS, Voltage Stabilizers, Radio links, OFC Links and replacement of CMOS cell of NVRs, relocation of CCTV system if required and Other related works of CCTV integration for remote monitoring with deputing minimum 01 skilled labor, 01 semi-skilled labor on daily basis for the CCTV CAMC work  Total impact of GST for the purpose of CTC 1.000 | Single phase sine wave (120 to 260 V), output: single wavw sine wave 230V. 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UPS, Voltage Stabilizers, Radio links, OFC Links and replacement of CMOS cell of NVRs, relocation of CCTV system if required and Other related works of CCTV integration for remote monitoring with deputing minimum 01 skilled labor, 01 semi-skilled labor on daily basis for the CCTV CAMC work  Total impact of GST for the purpose of CTC  1.000 No. 0.00  0.00 |  |