



खाँडादेवी गाउँपालिका गाउँ कार्यपालिकाको कार्यालय



प.स: ०८१/८२

च.न:

मिति: २०८२/२/०७

दररेट पेश गर्ने सम्बन्धी सूचना

यस खाँडादेवी गाउँपालिकाको चालु आ.व. २०८१/८२ मा स्वीकृत विनियोजित बजेट अनुसार सिसि क्यामेरा, ईन्भर्टर, ब्याट्री, सोलार, सर्भर, डिजिटल हाजिरी जस्ता सम्बन्धित सामग्रीहरू खरिद/जडान गर्नुपर्ने भएकाले तपसिल बमोजिमको स्पेसिफिकेसन भएको सामग्रीहरू ईच्छुक फर्म/कम्पनी ले के कति दररेटमा उपलब्ध गराउन सकिने हो सो को दररेट ७ (सात) दिन भित्र कार्यालय समयमा पेश गर्नुहुन अनुरोध गरिन्छ ।

शिरिष उपाध्याय

प्रमुख प्रशासकीय अधिकृत

SPECIFICATIONS

1. Purchase of solar panel, inverter, and battery for CCTV camera backup.(सिसि क्यामेराको व्याकअपको लागि सोलार, ईन्वर्टर,ब्याट्री खरिद)

| S.N. | Particulars | Specifications | Remarks |
|------|--|---|---------|
| 1 | Pure Sine Wave Inverter with inbuild charge controller | Supply, delivery, installation, and commissioning of a Pure Sine Wave Inverter with the following specifications: 400 VA/12V, Sine Wave Solar Hybrid Inverter, Compatible with all type of batteries (LA/TUB/SMF), output voltage 220 V AC +/-10%, 100% solar priority and smart sharing property with solar & grid, Turnkey installation, configuration, testing, and commissioning of inverter, including supply and installation of all required accessories such as wiring cables, cable shoes, screws, grips, poles, with all necessary materials and skilled labor, ensuring complete system setup including electrical connections, cable management, inverter configuration, functional testing, and final commissioning, delivering a fully operational and ready-to-use inverter system. Locations: Bhatauli Bridge(dhule), Mulkot Bridge, Belghari Bridge, Galpa Bazar | |
| 2 | Pure Sine Wave Hybrid Inverter 1100VA with inbuild charge controller | Supply, delivery, installation, and commissioning of a pure sine wave inverter with the following specifications: 1100VA/12V, solar hybrid inverter compatible with all types of batteries including lead-acid (LA), tubular (TUB), and sealed maintenance-free (SMF). The inverter shall provide an output voltage of 220 V AC ±10%, with 100% solar priority and smart sharing functionality between solar and grid power sources. The scope includes turnkey installation, configuration, testing, and commissioning of the inverter system, along with supply and installation of all necessary accessories such as wiring cables, cable shoes, screws, grips, poles, and other materials. Skilled labor shall be provided to ensure complete system setup, including electrical connections, cable management, inverter configuration, functional testing, and final commissioning to deliver a fully operational, ready-to-use inverter system. Site-specific instructions: At Khandadevi Mandir, the vendor shall connect the inverter to the existing battery and solar panels supplied by the mandir. At Lubhu, the vendor shall connect one 200Ah battery (provided by the rural municipality) to the inverter. | |
| 3 | Solar Panel | Supply and installation of 100-watt solar panel, including high-efficiency mono or polycrystalline solar module, suitable mounting structure for rooftop or ground, required DC wiring with solar cables, connectors, cable clips and conduit, all fixing accessories such as nuts, bolts, clamps, screws, and grips, complete system connection from, skilled labor for installation and alignment, performance testing, system configuration, and final commissioning to deliver a fully functional 100-watt solar power solution. Locations: Mulkot Bridge, Belghari Bridge, Galpa Bazar, Mugitar | |
| 4 | VRLA SMF Battery 65AH | Supply, delivery, installation, and commissioning of 12V, 65Ah sealed maintenance-free (SMF) battery that uses Valve Regulated Lead Acid (VRLA) technology, Amaron, Exide or equivalent | |
| 5 | VRLA SMF Battery 42AH | Supply, delivery, installation, and commissioning of 12V, 42 Ah sealed maintenance-free (SMF) battery that uses Valve Regulated Lead Acid (VRLA) technology, Amaron, Exide or equivalent | |
| 6 | Tubular Battery 200AH | Supply, delivery, installation, and commissioning of Tubular Battery Type: Tubular, Capacity: 200Ah, Nominal Voltage: 12 V, Warranty: 48 months Exide or equivalent | |

2. CCTV Camera Installation (Jyoti Secondary School and Buddha Bhawani Secondary

School)

| S.N. | Particulars | Specifications | Remarks |
|------|--|--|---------|
| 1 | Networking Cable with installation | Signal CAT6 UTP, 4 pairs /23 AWG, High Performance Network Cable Durable, high density polyethylene insulation, PVC jacket ISO/IEC 118001 EIA-568-B.2, let, with installation | |
| 2 | 2uplink, 8 PORT POE Switch with installation | L2, Unmanaged, 8 10/100M RJ45 PoE ports, 2 Gigabit RJ45 uplink ports, 802.3af/at, PoE, power budget 60W, max. 300m long distance, transmission, 6KV surge protection, installation, Configuration, Testing & Commissioning of 4 Port POE Switch with necessary screws, grips, poles, nut bolt, cable shoe, pvc, patch chord all complete | |



| | | | |
|---|---|--|--|
| 3 | 4 Port POE Switch with installation | L2, Unmanaged, 4 10/100M RJ45 PoE ports, 10/100M RJ45 uplink, port, 802.3af/at, PoE power budget 35W, max. 300m long distance, transmission, 6KV surge protection, installation, Configuration, Testing & Commissioning of 4 Port POE Switch with necessary screws, gripes, poles, nut bolt, cable shoe, pvc, patch chord all complete | |
| 4 | Indoor Network Camera with installation | 1/2.8" Progressive CMOS, ICR, 1920x1080:25fps(P)/30fps(N), H.265+/H.264+&H.264, 3D DNR, BLC, DC12V & PoE, human body detection, installation, Configuration, Testing & Commissioning of cc camera with necessary screws, gripes, poles, nut bolt, cable shoe, patch chord all complete | |
| 5 | Outdoor Network Camera with installation | 1/2.8" Progressive CMOS, ICR, 1920x1080:25fps(P)/30fps(N), H.265+/H.264+&H.264, 3D DNR, BLC, DC12V & PoE; installation, Configuration, Testing & Commissioning of cc camera with necessary screws, gripes, poles, nut bolt, cable shoe, RJ45, patch chord all complete | |
| 6 | 16 Ch NVR Drive+HDD with installation | 160Mbps Bit Rate Input Max (up to 16-ch IP video), H.265/H.265+/H.264/H.264+, 1 SATA interface, standalone 1U 315 case(Metal), 2TB Surveillance Hard Drive BufferAmount-64MB, RoHS compatible Transfer Rate-145MB/s 64MB Cache, SATA 6Gb/s, 23dBA, 300,000 unload cycles, 5400RPM, installation, Configuration, Testing & Commissioning of NVR, Hard drive with necessary screws, gripes, poles, nut bolt, cable shoe, pvc, RJ45, patch chord all complete | |

3. Procurement/development/update/licensing of various Information Technology-related items, software, and hardware. (सूचना प्रविधि सम्बन्धी विविध वस्तुहरु/सफ्टवेयर/हार्डवेयर

विकास/अपडेट/खरिद/लाईसेन्स)

| S.N. | Particulars | Specifications | Remarks |
|------|-------------------|---|---------|
| 1 | NAS Server | Supply, delivery, installation, and commissioning of a Network Attached Storage (NAS) server with the following specifications: CPU: AMD Ryzen V1500B, 4-Core, 64-bit processor with 2.2 GHz base clock and hardware encryption engine, System Memory: 4 GB DDR4 ECC SODIMM, expandable up to 32 GB (16 GB x 2) with 2 memory slots, Drive Bays: 4 internal bays, expandable up to 9 bays using 1 expansion unit (DX525), M.2 Drive Slots: 2 (2280 NVMe SSD), Supported Drive Types: 3.5" SATA HDD, 2.5" SATA SSD, and M.2 2280 NVMe SSD, Hot Swappable Drive Support: Yes, Network Interface: 2 x RJ-45 2.5GbE LAN ports, USB Interface: 2 x USB 3.2 Gen 1 ports, Expansion Ports: 2 x USB Type-C, Power Supply: Internal 100-watt adapter, Warranty: Minimum 3 years full hardware warranty. The scope includes all required labor, cabling, tools, configuration, testing, and full commissioning for a complete and functional installation, A basic operational training session shall be provided only to the company's IT personnel upon commissioning. This includes guidance on: Accessing the NAS via network and browser, Creating and managing users, folders, and permissions, Setting up automatic backups and file sharing, Monitoring storage health and performing basic maintenance, Understanding RAID and drive management | |
| 2 | NAS HDD | Supply, delivery, installation, and commissioning of a NAS HDD with the following specs: 8TB Storage Capacity, 3.5" Form Factor, SATA III 6 Gb/s Interface, 256MB Cache, 7200 rpm Up to 260 MB/s Sustained Transfer Rate, 1 Million Hours MTBF, 180TB Yearly Workload Rating Air Sealed Warranty: 2 Year | |

[Handwritten Signature]



| | | | |
|----|--|--|--|
| 3 | Wi-Fi 5 1267Mbps Ceiling Access Point | <i>Supply, delivery, installation, and commissioning of a Access Point with the following specs:Radio: Dual-stream dual-band, Max Throughput: 1 267 Mbps (400 Mbps @2.4 GHz + 867 Mbps @5 GHz), Spatial Streams: 2x2 MIMO both bands, Antennas: Built-in omnidirectional (≈2 dBi each band), Ethernet Ports: 2x 10/100 Mbps (LAN1 PoE-capable, IEEE 802.3af/at), Power: PoE or DC 12 V/1.5 A, Power Consumption: ≤ 12.95 W, Management: Cloud + local web app, Features: MU-MIMO, Beamforming, Seamless Layer 3 roaming, WIO/Self-Organizing Network, Mounting: Ceiling/wall/pole,, Operating Temp: 0–40 °C, Clients: Supports ~110 max (≈40 recommended), SSIDs: Up to 8</i> | |
| 4 | Adapter | <i>12V1.5A Adapter</i> | |
| 5 | PDU | <i>Power Distribution Unit (Pdu) 6 Port, u rack compatible, 250AC, 10A, 2500W, Dimension: 1U,Output: 6way, Performance: meet CCEE certificate</i> | |
| 6 | Nanoswitch | <i>Ports: 4 × Gigabit RJ-45 (1 PoE-in, 3 PoE-pass-through), Throughput: 4 Gbps non-blocking, Power Method: 24 V passive PoE-in, Voltage Range: 21.6–30 V, PoE Power: up to 24 W per port, total 30 W (3 ports), Power Consumption: ~1.5 W typ (max 30 W), Enclosure: outdoor-rated white polycarbonate, Dimensions: 196 × 93 × 32 mm, Weight: ≈269 g, ESD Protection: ±24 kV air/contact, Operating Temp: –30 °C to 70 °C, Humidity: 5–95 % non-condensing, Certifications: CE, FCC, IC, NDAA-compliant</i> | |
| 7 | Web Cam | <i>Resolution: HD (720P) for sharp and clear images,Microphone: Built-in omnidirectional microphone,Connection: USB plug and play, no drivers required</i> | |
| 8 | SSL certificate | <i>Organization Validation (OV) SSL certificate, secures one single domain, provides up to 256-bit encryption with RSA 2048-bit key,, compatible with 99.9% of browsers, includes a free dynamic site seal, allows unlimited free reissues during validity,enhances user trust and security</i> | |
| 9 | 2 MP ColorVu with Smart Hybrid Light Camera | <i>Supply, delivery, installation, and commissioning of with 2 MP resolution Support Human and Vehicle Detection,Smart Hybrid Light: advanced technology with long range Efficient H.265+ compression technology,Support on-board storage up to 512 GB (SD card slot) (Optional).Built-in microphone for real-time audio security,Water and dust resistant (IP67, installation,Configuration, Testing & Commissioning of cc camera with necessary screws, gripes, poles,nut bolt, cable shoe, patch chord all complete, location:khandadevi Mandir</i> | |
| 10 | Krone Tag | <i>Supply, delivery, installation, and commissioning of 20 telephone junction boxes equipped with Krone tags, each supporting 10 pairs × 2 cables. The vendor shall install the junction boxes at designated locations and properly organize the existing telephone wires, which were previously connected using tape. All wires must be securely terminated into the Krone tags according to standard wiring practices. The vendor is responsible for organizing, testing, and commissioning the telephone lines to ensure proper connectivity and functionality. All necessary labor, materials, tools, and testing equipment required to complete the installation and commissioning shall be provided by the vendor.</i> | |



4. Digital Attendance System Installation (Schools, Health Posts) डिजिटल हाजिर जडान (विद्यालय, स्वास्थ्य चौकी)

| S.N. | Particulars | Specifications | Remarks |
|------|-------------------------------------|---|---------|
| 1 | Attendance Device with installation | <p>Supply, delivery, installation, and commissioning of attendance devices at various locations (i.e., schools and health centers) within Khandadevi Rural Municipality, as designated by the municipal authorities.</p> <p>Device:</p> <ul style="list-style-type: none"> • 2.8-inch TFT Screen Display • Capacity: 3,000 users / 3,000 fingerprints / 3,000 cards / 3,000 PINs • Memory: 200,000 records • Simple Access Control Features <p>Communication:</p> <ul style="list-style-type: none"> • TCP/IP and ADMS (Automatic Data Management System) with auto data push , • USB Host support • Workcode, SMS, DST, Record and Query functions • Automatic status switching • ID-based access control • Backup Battery included • SSR and DNS support <p>Power Supply: • DC 12V / 1.5A</p> <p>Operating Conditions: • Operating Temperature: 0°C to 45°C</p> <p>Installation and Commissioning:</p> <ul style="list-style-type: none"> • Complete installation including necessary screws, grips, poles, cable shoes, with networking cable, 1.5 sq mm cable for electricity • Configuration and testing of the attendance device • Synchronization of the device with the government-provided cloud-based web system • Enrolment of all users of the installed office • General training on user enrolment and system operation via the web shall be provided attendance device <p>Warranty and Service</p> <p>The vendor shall provide a one-year warranty on the device and all related equipment.</p> <p>During the warranty period, service and maintenance will be provided free of charge, except for damages caused by fire, lightning, electrical surges, physical damage, or any other external factors beyond the vendor's control.</p> <p>Any defects or malfunctions occurring under normal usage conditions will be repaired or replaced by the vendor at no cost</p> | |

Ang

