

QUOTATION

Quotation no: Bajkya 102

Date 11/04/2023

To,
Bajkya

Dear Sir,
Kindly find the quotation as per your requirement.

| 1 | BMS SYSTEM | | | | |
|--------|---|-----|------|--------|--------|
| Sr.No. | Description | Qty | Uom | Price | Total |
| A | CENTRAL CONTROL LOACTION | | | | |
| | Supplying, Installing, Testing & Commissioning of the Central Control Stations consisting of the following | | | | |
| B | Client workstation as per following specifications Processor 1 x Intel Xeon E5-1620v4 (4-core, 3.5GHz, 10M) Chipset-Intel® C612 Express chipset RAM-1 x 8GB DDR4-2400 ECC RDIMM (Total 8GB) (Max 512GB, 08 DIMMs) HDDs-1 x 1TB SATA Ent 7200 RPM 3.5" ODD-1 x DVD RW NIC-Two Onboard Intel® i210-AT Gigabit (10/100/1000 Mbps) Ethernet ports, GPU-1x GT 710 (2GB) Audio-RealTek ALC1150 High Definition Audio Onboard Ports-1 x Audio, 1x header, 6 x USB 3.0, 2x RJ45 LAN ports, 1 PS/2 Chassis-Mid-Tower (4x 3.5" internal SAS/SATA HDD Bays) P. Supply-900W High Efficiency Power Supply Gold Level Certified OS-1 x Window 10 Prof All necessary approvals as required at the discretion & final directions of Consultants/ Owner. 3 year Comprehensive on-site warranty | 1 | Each | 375000 | 375000 |
| C | Integrated Building Management Software which is Open to Integrate with DDC Controllers (as per list of approved makes), Middlewares, Third Party Systems etc using any or all of the Open Protocols Like Bacnet, Modbus, and not Limited to the above. The Software Must be more of a Framework with an Enterprise Architecture and a Robust Database. The IBMS Software must have additional 25% License Cost Accommodation above and beyond the IO Summary. | 1 | Set | 780000 | 780000 |

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| D | Deployment of Middleware (Hardware) at the Field Level to Integrate with Third Party Systems using Native Protocols. The Middleware should not be a Router/Bridge/Convertor which Cannot Store or Process any Logic. The Middleware must be Intelligent Enough to Act as a Redundant Layer at the Field Level to Showcase Grpahics, Trends and Logic for the Points Mapped on that Middleware. The Middleware Must be a Single Board Computer having Capability to Connect to Multiple Protocols like Bacnet, Modbus, LonWorks, Cbus etc. Following 3rd party equipment's with all necessary accessories, firmware, software patches, drivers, license to complete the package | 2 | Set | 567000 | 1134000 |
|--------|---|-----|------|--------|---------|
| | Energy Meters | | | | |
| | STP | | | | |
| | DG Set | | | | |
| | Fire Alarm System | | | | |
| | UPS | | | | |
| | Lighting Management System | | | | |
| | VRF | | | | |
| | Spare | | | | |
| E | Brand agnostic, open platform, seamless integration with any make of BMS software, customized analytical tool having Rule Engine, dashboards, reports etc. The software should be able to reside in the customer server. The Analytical Edge Server will be a fanless pc with small form factor for remote support and data sharing 1. Base Analytical software for 500 IO points 2. 05 nos. Rules, 05 nos. Dashboards, 05 nos. Reports to be developed as per clients requirement 3. The above unique tool should provide alerts from safety comfort and ultimately goal of saving energy 4. The software should have good local support for few changes to be incorporated as per clients requirement | 1 | Set | 441000 | 441000 |
| | | | | | |
| 2 | Water leak detection system Supply, Installation,Testing Commissioning of WLD System comprising of following: | | | | |
| Sr.No. | Description | Qty | UoM | Price | Total |
| A | Water Leak Cable with end connections 10 Mtrs Length | 10 | Each | 1200 | 12000 |
| B | Electronic Sounder 85db for water leak detection | 2 | Each | 4050 | 8100 |
| C | Microprocessor based Water Leak Detection 6 zone Panel with LCD Display. It shall give A.C. Input to WLD cable to avoid oxidation over a period of time.(refer WLD cable technical specification). It shall have zonewise potential free relay output, one common alarm output and one common hooter output. | 2 | Each | 24000 | 48000 |

| D | Supply and laying of multi stranded copper conductors cable, twisted, shielded, FRLS sheathed, flexible steel braided control cables with generally as specified and shown in drawings and shall include the terminations as well on both the ends | | | | |
|--------|--|-----|------|-------|--------|
| | 2C X 1.0 sqmm YRY | 100 | Mtr. | 130 | 13000 |
| | 4C X 1.0 sqmm YRY | 320 | Mtr. | 180 | 57600 |
| | 8C X 1.0 sqmm YRY | 320 | Mtr. | 440 | 140800 |
| | | | | | |
| 3 | FIELD DEVICES | | | | |
| Sr.No. | Description | Qty | UoM | Price | Total |
| A | TCP/IP based 32 bit DDC controller with in-built high speed processor, drivers, RTC, with backplate & housing including 100% controller wiring, transformer, small light, 5 A switch socket etc to make the system complete. Each DDC panel not to be loaded more than 50 points | | | | |
| | FF system | 1 | Each | | |
| | Tank Level Monitoring | 1 | Each | | |
| | HT/LT system | 2 | Each | | |
| | Power distribution panel | 6 | Each | | |
| B | Supply Installation Testing & commissioning of field devices complete with necessary accessories. Civil/piping related work will be in the respective contractors scope | | | | |
| | Outdoor Temperature + RH sensor + CO2 | 1 | Each | 90000 | 90000 |
| | Space Temperature Sensor | 8 | Each | 15000 | 120000 |
| | Ultrasonic Level transmitter (1.7 mts Tank Height) | 3 | Each | 50000 | 150000 |
| | Outside Daylight Sensor | 1 | Each | 11000 | 11000 |
| | Flow Switches for FF Hydrant status | 1 | Each | 15000 | 15000 |

| 4 | ACCESS CONTROL | | | | |
|-------|---|-----|-----|-----------|--------|
| Sr No | Item Description | Qty | UoM | Unit Rate | Total |
| A | Supply installing testing & commissioning of Include 1 MAC and 64 doors, 1000 cardholders, Access area balancing, N-persons authorization, Visitor management, Interface Import/Export interface, Routing, Remote door unlock, Card personalization, Default startup configuration for access control, Include 20 video channel integration for 20 doors. | 1 | Lot | 397500 | 397500 |

| | | | | | |
|--------------|--|-----|------|--------|----------------|
| B | Supply installing testing & commissioning of Client workstation as per following specifications Processor 1 x Intel Xeon E5-1620v4 (4-core, 3.5GHz, 10M) Chipset-Intel® C612 Express chipset RAM-1 x 8GB DDR4-2400 ECC RDIMM (Total 8GB) (Max 512GB, 08 DIMMs) HDDs-1 x 1TB SATA Ent 7200 RPM 3.5 ODD-1 x DVD RW RAID-Onboard SATA3 (6Gbps) via C612 controller should support RAID 0, 1, 10 NIC-Two Onboard Intel® i210-AT Gigabit (10/100/1000 Mbps) Ethernet ports GPU-1x GT 710 (2GB) Audio-RealTek ALC1150 High Definition Audio Onboard Exp. Slots-4 PCI-E 3.0 x16 (run at 16/16/NA/8 or 16/8/8/8), 2 PCI-E 2.0 x1 (in x4) Ports-1 x Audio, 1x header, 6 x USB 3.0, 2x RJ45 LAN ports, 1 PS/2 Chassis-Mid-Tower (4x 3.5" internal SAS/SATA HDD Bays) P. Supply-900W High Efficiency Power Supply Gold Level Certified OS-1 x Window 10 Prof All necessary approvals as required at the discretion & final directions of Consultants/ Owner. 3 year Comprehensive on-site warranty" | 1 | Each | 279000 | 279000 |
| C | Supply installing testing & commissioning of Intelligent access Controller; 2GB Flash memory; LCD Display; 8 Inputs & 8 Outputs; 8 Wiegand Readers Designed for installing One AMC2, a power supply (APS PSU 60) and two batteries A power supply unit with an integrated battery charging device | 2 | Each | 89400 | 178800 |
| D | Supply installing testing & commissioning of Mifare Card Reader | 16 | Each | 9750 | 156000 |
| E | Supply installing testing & commissioning of Biometric reader for server room and time and attendance | 4 | Each | 53900 | 215600 |
| F | Supply installing testing & commissioning of Contactless Smart Card, 2k bit with 2 application areas | 200 | Each | 360 | 72000 |
| G | Supply installing testing & commissioning of 600# magnetic locks with inbuilt contact | 16 | Each | 6000 | 96000 |
| H | Supply installing testing & commissioning of Recessed type Magnetic Contacts | 16 | Each | 1500 | 24000 |
| I | Supply installing testing & commissioning of Green color emergency break glass Unit | 16 | Each | 3750 | 60000 |
| J | Supply installing testing & commissioning of emergency exit push button at reception table | 4 | Each | 4125 | 16500 |
| Total | | | | | 4890900 |

Client scope:

Scaffolding wherever required to be provided.
 Electrification wherever necessary to be provided.
 Fabrication like poles etc. to be provided.
 Civil work including Chipping, Core Cutting, Digging, Soil Excavation, Painting, Etc. shall be in Customer Scope.
 UPS to be arranged near Equipment/Instrument/System by Customer.
 3rd party Panel Integration -- Cable Entry, Glanding, Termination shall be in Customer Scope
 Necessary Cable tray supply & Its Installation in Customer scope.
 Removing Light Fixture & Refixing shall be in Customer Scope.
 Stabilized Power Source to be provided.

Payment Terms

90 % Advance
 5% on Delivery
 5% on Completion

Company's Bank Details

Bank Name: Central Bank of India
Account Number: 3167002097
Branch & IFS Code: Panaji & CBIN0280713

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Terms & conditions apply.

Quotation valid for 10 days.

GST @ 18% EXTRA

Lead time - Material Supply--- 8-10 Weeks & Engineering Services-- 4 Weeks

Any extra item if required to be charged as actual.

If payment not received on time interest @ 15% will incurred per annum

Warranty as per manufacturer not valid in case of surges, fluctuation, lightening etc. to be claimed directly with the manufacturer without involving JP TECHATRONICS.

Solution done as per recommendation and request by client hence, JP TECHATRONICS or its employees should not be held responsible for any kind of malfunctioning of the system for any reasons.

Services like data backup, searching footage, port forwarding etc. to be charged as actuals.

Force Majeure--Except for payment obligations, neither party will be liable to the other for any failure to meet its obligations due to any cause beyond the non-performing party's reasonable control. If the inability to perform continues for longer than 90 days, either party may terminate this Agreement by providing written notice to the other party and Buyer will pay J P Techatronics for products delivered and services performed prior to termination. Force majeure events may include but are not limited to: (1) government embargoes, (2) blockades, (3) seizure or freeze of assets, (4) delays or refusals to grant an export license or the suspension or revocation thereof, (5) any other acts of any government that would limit the ability for contract performance, (6) fires, earthquakes, floods, severe weather conditions, (7) any other acts of God, (8) quarantines or regional medical crises, (9) labor strikes or lockouts, (10) riots, strife, insurrection, civil disobedience, armed conflict, terrorism or war, declared or not (or impending threat of any of the foregoing, if such threat might reasonably be expected to cause injury to people or property), (11) shortages or inability to obtain materials or components and (12) inability or refusal by Buyer's directed third party suppliers to provide J P Techatronics parts, services, manuals, or other information necessary to the goods or services to be provided by J P Techatronics under this Agreement.

Order Adjustment-- If a force majeure event causes a delay, then the date of performance will be extended by the period of time that the non-performing party is actually delayed or for any other period as the parties may agree in writing.

Unless other acceptance criterion has been agreed to by the Parties under this Agreement the Buyer will inspect Equipment within a reasonable period after delivery not to exceed 15 calendar days. Equipment will be presumed accepted unless J P Techatronics receives written notice of rejection explaining the basis for rejection within the same timeframe. J P Techatronics will have a reasonable opportunity to repair or replace rejected Equipment, at its option. J P Techatronics assumes shipping costs in an amount not to exceed normal surface shipping charges to J P Techatronics's designated facility for the return of properly rejected Equipment. Following initial delivery, the party initiating shipment will bear the risk of loss or damage to Equipment in transit. If J P Techatronics reasonably determines that rejection was improper, Buyer will be responsible for all expenses caused by the improper rejection.



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