

| ITI LIMITED, | | |
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| ITI BHAVAN, N.S. UNIT, | | |
| CORRIGENDUM-1 | | |
| Tender Ref: NSU/CIVIL/ASC-4/Construction/003/100 | | Dated:20-01-2021 |
| Ref: NSU/CIVIL/ASC-4/Construction/003/104 | | Dated:22-01-2021 |
| IT AND FIRE: BILL OF QUANTITY RECOMMENDED MAKE AND MODEL FOR BOTH GROUPS | | |
| Sl. No. | Description | Make & Model |
| 1.0) | ACCESS CONTROL SYSTEM consisting of the following | |
| (a) | Supply, Installation, testing and commissioning of the access control system including the following equipment's | RBH-Integra32 |
| (b) | 2-Door Control Panel with universal cabinet and power supply and required license | RBH-IRC-2000 |
| (c) | Biometric reader | BFR-300-S |
| (d) | Proximity Card | SR-2400 |
| (e) | Signal & Power Cables required to complete the system | ISI marked cable |
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| 2.0) | PHYSICAL INTRUSION DETECTION AND PREVENTION SYSTEM consisting of the following : | |
| (a) | Supply, installation, testing and commissioning of physical intrusion detection and prevention system including all necessary accessories. | SECURICO-PRESIDENT |
| (b) | Intrusion Controller panel | SECURICO-PRESIDENT |
| (c) | Keypad - Alpha Addressable LCD Keypad | OPTEX-OTI-AX-200TF |
| (d) | PIR Sensor | OPTEX |
| (e) | Beam Protector (Covering the entire parameter of the node) | OPTEX |
| (f) | Ground Sensor | OPTEX |
| (g) | 130 db Hooter | OPTEX |
| (h) | 2ft pole for beam detector | OPTEX |
| (j) | Signal & Power Cables and its accessories | ISI marked cable |
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| 3.0) | FIRE DETECTION AND SUPPRESSION SYSTEM consisting of the following: | |
| 3.1a(a) | Supplying, installing, testing and commissioning of addressable Main control panel comprising of visual and audible fire and fault alarms and signals, indicators and all other accessories. Panel shall be IS Approved. | Kentek Syncro As |
| (b) | OTI-AX-200TE - Photoelectric Detector with Synchronized twin beam, 200ft outdoor all weather range, IP65 Lightning Protection Level 14kV, 99% beam blocking stability includes pole mounting kit | OPTEX-OTI-AX-200TF |
| (c) | OTIBC3 - Back cover for OTIAX200TF | OPTEX-OTIBC3 |

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| (d) | SOUNDER 12V - High power 130 db, Police Siren Sound, Suitable for Indoor and Outdoor application. Tamper Loop. | Roshni red 32 tone |
| (e) | Smoke detectors | Apollo Discover / 58000-600 |
| (f) | Heat detectors | Apollo Discover / 58000-400 |
| (g) | Multi-Criteria detectors | Apollo Discover |
| (h) | Manual Call Point (Breaking Glass type) | Apollo Discover /55000-971 |
| (j) | Sounder / Flasher with Control Module | Apollo Discover |
| (k) | Short Circuit Isolator | -- |
| (l) | Control modules for AHU / FAN trappings | SS |
| (m) | Annealed tin-copper (ATC) conductor, PVC sheathed, multi strand unarmored FRLS cable with required termination glands, lugs, etc. | -- |
| (n) | 2C x 1.5 Sq.mm | ISI marked cable |
| (o) | 2C x 2.5 Sq mm | ISI marked cable |
| (p) | Required Conduits with necessary clamps, fixing accessories all at regular intervals | -- |
| (q) | Fire Signages- photoluminescent Green or Red color safety signages in different sizes / graphics / colours /texts can be made according to the standards | -- |
| 3.2) | GAS SUPPRESSION SYSTEM | |
| (a) | FM 200 Gas based Fire Suppression System shall be considered for equipment storage room and server room | FM 200 |
| 3.3) | FIRE EXTINGUISHER | |
| (a) | CO2 type cylindrical shape fire extinguisher - 4.5 Kg Capacity with requisite fixing arrangement | Ventex |
| (b) | ABC type fire extinguisher - 6 Kg capacity with requisite fixing arrangement. | Ventex |
| (c) | Dry chemical powder type cylindrical shape fire extinguisher - 6 Kg Capacity with requisite fixing arrangement | Ventex Dry powder 4308/14609 |
| (d) | Mechanical foam type fire extinguishers with requisite fixing arrangement | Ventex |
| (e) | Trolley mounted type - 9 litres capacity. | -- |
| (f) | Trolley mounted type -50 litres capacity. | -- |
| (g) | Supply and installation of Fire buckets of 9 litres capacity. Stand made of MS Channel and angle to accommodate 4 Nos. of buckets filled with cleaned soft sand. Rate shall be inclusive of red panit for buckets and MS Sand as per Fire Code. | |
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