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|  | BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{\|l\|} \hline \text { SR. } \\ \text { NO. } \\ \hline \end{array}$ | ITEM | UNIT | QTY | RATE | AMOUNT |
|  |  |  |  |  |  |
| 2 | MCB DISTRIBUTION BOARDS |  |  |  |  |
|  | SITC sheet metal fabricated \& powder coated Double Door Type MCB Distribution Boards (surface/flush mounted). DB's shall have MCB/MCCB as incomer, RCCB as sub-incomer \& SP/DP/TP MCB as outgoing, complete with Per Phase Isolation. All MCBs of C characteristics and 10 KA breaking capacity \& ELCB's, RCCB's, RCBO's should be of 100 mA sensitivity. The DB shall have appropriate no. of top \& bottom knock outs for outgoing circuits \& shall be complete with necessary bus bars, interconnecting terminals \& earth studs. All terminations in DB shall be complete with feruling, dressing with lugs \& all circuits shall be properly labeled with PVC strip (sticker type) having identification as per the final approval of the Consultant. |  |  |  |  |
| 2.1 | SITC Mains DB, |  |  |  |  |
|  | 6 way VTPN - MCB DB, | Nos. | 1.00 |  | - |
|  | 63 A - 01 no. - FP MCB as incomer | Nos. | 1.00 |  | - |
|  | 25 A - 02 no. - TP MCB outgoing | Nos. | 2.00 |  | - |
|  | 32 A - 03 no. - TP MCB outgoing | Nos. | 3.00 |  | - |
|  | 50 A - 01 no. - TP MCB outgoing | Nos. | 1.00 |  | - |
|  |  |  |  |  |  |
| 2.2 | SITC LIGHTING DB |  |  |  |  |
|  | 4 way TPN - MCB DB, | Nos. | 1.00 |  | - |
|  | 25 A - 01 no. - FP MCB as incomer | Nos. | 1.00 |  | - |
|  | 10A - 11 no. - SP MCB outgoing | Nos. | 11.00 |  | - |
|  | 25A - 1 no. - SP MCB outgoing | Nos. | 1.00 |  | - |
|  |  |  |  |  |  |
| 2.3 | SITC RAW POWER \& AC DB |  |  |  |  |
|  | 4 way TPN - MCB DB, | Nos. | 1.00 |  | - |
|  | 50 A - 01 no. - FP MCB as incomer | Nos. | 1.00 |  | - |
|  | 20 A - 12 no. - SP MCB outgoing | Nos. | 12.00 |  | - |
|  |  |  |  |  |  |
| 2.4 | SITC UPS DB |  |  |  |  |
|  | 12 way SPN - MCB DB, | Nos. | 1.00 |  | - |
|  | 32 A - 01 no. - DP MCB as incomer | Nos. | 1.00 |  | - |
|  | 20A - 8 no. - SP MCB outgoing | Nos. | 8.00 |  | - |
|  |  |  |  |  |  |
| 2.5 | SITC INVERTER DB |  |  |  |  |
|  | 8 way SPN - MCB DB, | Nos. | 1.00 |  | - |
|  | 25 A - 01 no. - DP MCB as incomer | Nos. | 1.00 |  | - |
|  | 10A - 6 no. - SP MCB outgoing | Nos. | 6.00 |  | - |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| 2.6 | UPS/inverter input / output DB's |  |  |  |  |
| a. | SITC 4 way - MCB with Box, for UPS Input and For switching off the lighitng DB near main gate to switch OFF all the light points after office hours |  |  |  |  |
|  | Sheet steel Enclosure Box for FP MCB | Nos. | 2.00 |  | - |
|  | 32/25 A - FP MCB | Nos. | 2.00 |  | - |
|  |  |  |  |  |  |
| b. | SITC 2 way - MCB with Box, for UPS output |  |  |  |  |
|  | Sheet steel Enclosure Box for DP MCB | Nos. | 1.00 |  | - |
|  | 32/25 A - DP MCB | Nos. | 1.00 |  | - |
|  |  |  |  |  |  |
| c. | SITC 2 way - MCB with Box, for Inverter Input \& Output |  |  |  |  |
|  | Sheet steel Enclosure Box for DP MCB | Nos. | 2.00 |  | - |
|  | 25 A - DP MCB | Nos. | 2.00 |  | - |
|  |  |  |  |  |  |
| 2.6 A | MCB BOX |  |  |  |  |
|  | SITC 4 way - MCB with Box, for switching off the lighitng DB near main gate to switch OFF all the light points after office hours |  |  |  |  |
|  | Sheet steel Enclosure Box for FP MCB | Nos. | 1.00 |  | - |
|  | 32/25 A - FP MCB | Nos. | 1.00 |  | - |


|  | BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR |  |  |  |  |
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| SR. | ITEM | UNIT | QTY | RATE | AMOUNT |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | SITC 2 way - MCB with Box, for Cassette AC, at Out Door Unit |  |  |  |  |
|  | Sheet steel Enclosure Box for DP MCB | Nos. | 2.00 |  | - |
|  | 32 A - DP MCB | Nos. | 2.00 |  | - |
|  |  |  |  |  |  |
|  | SITC 2 way - MCB with Box, for UPS Input / Output |  |  |  |  |
|  | Sheet steel Enclosure Box for DP MCB | Nos. | 2.00 |  | - |
|  | 32/25 A - DP MCB | Nos. | 2.00 |  | - |
|  |  |  |  |  |  |
|  | SITC 2 way - MCB with Box, for Signage |  |  |  |  |
|  | Sheet steel Enclosure Box for DP MCB | Nos. | 1.00 |  | - |
|  | 25 A - DP MCB | Nos. | 1.00 |  | - |
|  |  |  |  |  |  |
| 2.7 | Supplying \& Installing 20 A Power Socket points complete MS concealed box, Modular Switch plate, 20A Modular Socket, controlled by a Modular 20 / 25A SP MCB with necessary screws, nylon plug, Saddles, hardware etc. including cost of $2 \times 4.0 \mathrm{sqmm}+1 \times 2.5$ sqmm PVC insulated FRLS copper Wires and $25 \mathrm{~mm} / 20 \mathrm{~mm}$ PVC conduit, For High Wall/Cassete Split AC Units | Nos. | 7.00 |  | - |
|  | Rate in words :- |  |  |  |  |
|  | A. TOTAL OF MAIN PANEL / DB's / MCCBs :- |  |  |  | - |
|  |  |  |  |  |  |
| B | CABLES \& TERMINATIONS |  |  |  |  |
|  | Supply and Laying of following LT cables confirming to IS 1554 (part 1) with necessary M.S. clamps. All such cables shall be provided with temporary labeling at every 20 mtr . \& then finally with metal identification tags showing the size \& the location from/to the specific panel/DB at both the ends. The cost shall include terminations of all the armoured cables using Siemens type single compression, chrome plated brass cable glands \& crimp type tin copper lugs, Bimetallic lugs are to be provided wherever two different type conductors are present, Insulation tape etc. as required complete with earthing of glands. |  |  |  |  |
| 1 | Aluminium Armoured Cables |  |  |  |  |
| a. | 4 C x 16 Sq.mm Aluminium AYFY Armoured Cables, from Pole to MSEB Meter to Main DB | Rmt | 75.00 |  | - |
|  | Rate in words :- |  |  |  |  |
| 2 | Copper Flexible Cables |  |  |  |  |
| a. | 3C x 4 Sq.mm Copper Flexible Cables, from UPS Output to UPS DB Incoming MCB | Rmt | 20.00 |  | - |
|  | Rate in words :- |  |  |  |  |
| b. | 4C x 6 Sq.mm Copper Flexible Cables, from Mains DB to Raw Power \& AC DB Incoming MCB | Rmt | 20.00 |  | - |
|  | Rate in words :- |  |  |  |  |
| c. | 4C x 4 Sq.mm Copper Flexible Cables, from Main DB to UPS Input MCB \& Main DB to Lighting DB Incoming MCB | Rmt | 40.00 |  | - |
|  | Rate in words :- |  |  |  |  |
|  |  |  |  |  |  |



|  | BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR |  |  |  |  |
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| $\begin{aligned} & \hline \text { SR. } \\ & \text { NOR } \end{aligned}$ | ITEM | UNIT | QTY | RATE | AMOUNT |
|  | Each point consisting of 2 Nos of 10A, 5 Pin Modular sockets and 1 No. of $6 / 16 \mathrm{~A}, 6$ pin socket controlled by 1 No 20A Modular switch, wired together forming one point. Earth wire to be of Green colour only. Switch should be above table top \& sockets should be below table top |  |  |  |  |
|  | for 2 table served by the same circuit from adjascent Primary point. The Rate should be including cost of Cable, Switch board internal looping wires, necessary Gang Box, PVC box, Modular Plate of other color, Modular Switches, Sockets, Compete Job with necessary screws, nylon plug, Saddles, hardware. Etc. All Switch Boards should be Properly numbered for identifications. |  |  |  |  |
| c. | Primary 10/20 A power points, for Printers / Pantry / Hot Plate / Water cooler etc | No | 3.00 |  |  |
|  | Rate in words :- |  |  |  |  |
|  | Supplying \& Installing Primary 10/20 A Power Socket points using 2 X 4.0 Sq.mm. + 1 X 1.0 Sq.mm. PVC insulated multistanded FRLS Grade flexible copper wires (with proper color code) pulled through haevy gauge PVC conduits. |  |  |  |  |
|  | Each point consisting of $\mathbf{1}$ Nos of 10/20 A Modular sockets controlled by 1 Nos of 20A Modular switch, wired together forming a point. Earth wire to be of Green colour only. |  |  |  |  |
|  | Only 2 Sockets served by one circuit taken from Raw Power \& ACDB |  |  |  |  |
|  |  |  |  |  |  |
| d. | Secondary 5/15 A power points, for Printers / Pantry / Hot Plate / Water cooler | No | 3.00 |  |  |
|  | Rate in words :- |  |  |  |  |
|  | Supplying \& Installing Secondary 10/20 A Power Socket points using 2 X 2.5 Sq.mm +1 X 1.0 Sq.mm PVC insulated multistanded FRLS Grade flexible copper wires (with proper color code) pulled through haevy gauge PVC conduits. |  |  |  |  |
|  | Each point consisting of $\mathbf{1}$ Nos of 6/16 A Modular sockets controlled by 1 Nos of 20A Modular switch, wired together forming a point. Switch should be above table top \& sockets should be below table top |  |  |  |  |
|  | The circuit should be taken from another Primary 15 A Power Socket Point only, whose circuit taken from Raw Power \& ACDB |  |  |  |  |
|  |  |  |  |  |  |
| 2 | LIGHT POINT WIRING |  |  |  |  |
|  | SITC of following concealed point wiring using 1100 V grade $3 \mathrm{C} \times 1.5$ sq.mm. copper conductor PVC insulated FRLS wires (with proper R,Y,B colour code) pulled through $25 \mathrm{~mm} / 20 \mathrm{~mm}$ Size, MMS Grade PVC conduits. All wiring below false ceiling shall be concealed. The wires from ceiling junction to light points shall be drawn in flexible PVC conduit with adaptor \& cover for junction box \& crimp type lugs at both ends. Each circuit feeding not more than average 12 points ( 800 watts). The rate shall include circuit wiring (2C $\times 2.5$ sq.mm. $+1 \mathrm{C} \times 1.0 \mathrm{sq} . \mathrm{mm}$.) from Lighting DB to switchboard and to the fixtures. (No seperate measurements for circuit wiring \& PVC Conduits) |  |  |  |  |
| a. | Primary Light points | No | 46.00 |  |  |
|  | Rate in words :- |  |  |  |  |
|  | SITC 5A Primary light points including MS concealed box, grid plate, 6A switch \& circuit wiring. |  |  |  |  |
|  |  |  |  |  |  |


|  | BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR |  |  |  |  |
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| SR. | ITEM | UNIT | QTY | RATE | AMOUNT |
| b. | Secondary Light points | No | 11.00 |  |  |
|  | Rate in words : |  |  |  |  |
|  | SITC 5A Secondary light points looped from primary light point. All MCB controlled light points will be considered as secondary light points. |  |  |  |  |
| c. | Primary 5 A socket points | No | 2.00 |  |  |
|  | Rate in words :- |  |  |  |  |
|  | SITC Primary 5 A Socket points using circuit wiring (with proper color code) pulled through medium gauge PVC conduits. |  |  |  |  |
|  | Each point consisting of 1 Nos of 5 A sockets controlled by 1 Nos of 6A switch, wired together forming a point with Green colour Earth wire. |  |  |  |  |
|  |  |  |  |  |  |
| d. | Secondary / Separate 5 A socket points (other than on Board plug points) | No | 3.00 |  |  |
|  | Rate in words:- |  |  |  |  |
|  | SITC Separate Secondary 5 A Socket points using circuit wiring (with proper color code) pulled through medium gauge PVC conduits. These points should be looped from the nearest Lighting Switch Board or from Primary 5A Socket Points. |  |  |  |  |
|  | Each point consisting of 1 Nos of 5 A sockets controlled by 1 Nos of 6A switch, wired together forming a point with Green colour Earth wire. |  |  |  |  |
|  |  |  |  |  |  |
| e. | Secondary 5 A socket points (on Board plug points) | No | 15.00 |  |  |
|  | Rate in words : |  |  |  |  |
|  | SITC Secondary 5 A Socket points using circuit wiring (with proper color code) pulled through haevy gauge PVC conduits. These points are installed on the Lighting Switch Board. |  |  |  |  |
|  | Each point consisting of 1 Nos of 5 A sockets controlled by 1 Nos of 6A switch, wired together forming a point. Earth wire to be of Green colour only. |  |  |  |  |
|  |  |  |  |  |  |
|  | Exhaust fan/Wall Fan points | No | 17.00 |  |  |
|  | Rate in words |  |  |  |  |
|  | SITC of concealed point wiring for Exhaust fan and Wall fan using 1100 V grade $3 C \times 1.5$ sq.mm. copper conductor PVC insulated FRLS wires (with proper R,Y,B colour code) pulled through $25 \mathrm{~mm} / 20 \mathrm{~mm}$ Size, MMS Grade PVC conduits. All wiring below false ceiling shall be concealed. The wires from ceiling junction to fan points shall be drawn in flexible PVC conduit with adaptor \& cover for junction box \& crimp type lugs at both ends. The rate shall include circuit wiring ( $2 \mathrm{C} \times 2.5 \mathrm{sq} . \mathrm{mm} .+1 \mathrm{C} \times 1.0 \mathrm{sq} . \mathrm{mm}$.) from Lighting DB to switchboard and to the Exhaust fan and Wall fan. (No seperate measurements for circuit wiring \& PVC Conduits) |  |  |  |  |
|  | Each Exhaust Fan and wall fan will be operated on seperate switch, Rate should be including the cost of 5 A switch, 4 way closed 5 A connector \& Mounting Plates |  |  |  |  |
|  |  |  |  |  |  |
| g. | Ceiling fan points | No | 4.00 |  |  |
|  | Rate in words :- |  |  |  |  |
|  | SITC Ceiling Fan point operated on seperate switch shall be Controlled by 2 Module, Step type Fan regulator, Rate should be including the cost of Fan hook, Suspending suitable fan rod, Connecting cord and Step type Fan Regulator |  |  |  |  |
|  |  |  |  |  |  |


|  | BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR |  |  |  |  |
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| $\begin{aligned} & \text { SR. } \\ & \text { NO } \end{aligned}$ | ITEM | UNIT | QTY | RATE | AMOUNT |
|  |  |  |  |  |  |
| h. | Bell points | No | 2.00 |  |  |
|  | Rate in words :- |  |  |  |  |
|  | SITC Bell point consisting of 5A Modular Bell switch \& Suitable Bell, Bell switch to be installed in Manager Cabin and in Strong room. The Bell Sound of both the bells should be different) |  |  |  |  |
|  | C. TOTAL OF POINT WIRING |  |  |  |  |
|  |  |  |  |  |  |
| D | FIXTURES |  |  |  |  |
|  | SITC of following concealed / surface mounted fixtures of makes as specified with all fixture accessories like suitable tubes/ bulbs/ ballast \& internal wiring etc. The contractor has to assemble \& install the said fixtures at position with necessary hardware required for installation like Shook, chain link etc. as per requirement. |  |  |  |  |
|  |  |  |  |  |  |
| 1 | LED tube lights 4' | No | 10.00 |  |  |
|  | Rate in words :- |  |  |  |  |
|  | SITC 1200 mm Long Surface/Wall Mounted extruded Aluminium channels, with 20 w LED Tube light fixtures complete. Rate should be including the cost of Fixture, Suspending suitable rods, other accessories \& hardware etc. |  |  |  |  |
|  | Model : BN021 LED255 6500 PSU GR S1, |  |  |  |  |
|  | Make : Crompton Model : Linea LDLL20-CDL, LDLL20-WW |  |  |  |  |
|  | Make : Wipro, Model : Garnet D532065, D552065 |  |  |  |  |
|  | Make : Havells Model : E-Lite LLED Pride Pus LHEXBLP7PN1W020 |  |  |  |  |
|  |  |  |  |  |  |
| 2 | LED tube lights 2' | No | 3.00 |  |  |
|  | Rate in words :- |  |  |  |  |
|  | SITC 600 mm Long Surface/Wall Mounted extruded Aluminium channels, with 10 w LED Tube light fixtures complete. Rate should be including the cost of Fixture, Suspending suitable rods, other accessories \& hardware etc. |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| 3 | 15 w Down lighter with LED | No | 26.00 |  |  |
|  | Rate in words :- |  |  |  |  |
|  | SITC 15 w White Powder Coated Housing LED Round / Square Down Lighter with High Efficiency LEDs \& Ballasts |  |  |  |  |
|  | Make : Philips, Model : DN193B LED125-6500 PSU WH S1 |  |  |  |  |
|  | Make : Crompton, Model : Star Dura LSDRSD-18W-CDL/ NW/ WW, |  |  |  |  |
|  | Make : Wipro, Model : Garnet Wave D541565, Infinity Wave DG11565, DG12065 |  |  |  |  |
|  | Make : Havels, Model : Fazer Neo LHEBMCP7TW1W015, LHEBMCP7W1W020 |  |  |  |  |
|  |  |  |  |  |  |
| 4 | $600 \times 600 \mathrm{~mm}$ square LED panel fittings | No | 17.00 |  |  |
|  | Rate in words :- |  |  |  |  |
|  | SITC 36 / 40 w LED Panel of $600 \mathrm{~mm} \times 600 \mathrm{~mm}$ size, Square, Powder coated Recess mounting LED Light Fitting |  |  |  |  |
|  | Make: Philips, Model: RC380B G2 LED285 / RC1408 62 LED315-6500 PSE OD WH |  |  |  |  |
|  | Make: Crompton, Model : LCTLR-36-CDL 36 w , LCPL-36-TL(2X2) |  |  |  |  |
|  | Make: Wipro, Model : Garteet D424065, D414065 CRCO10RO38HP57 |  |  |  |  |
|  | Make : Havells, Model : Venus Neo PLR36WLED865PO, Plano PLR42WLED865S |  |  |  |  |
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|  | BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR |  |  |  |  |
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| SR. | ITEM | UNIT | QTY | RATE | AMOUNT |
|  |  |  |  |  |  |
| 5 | Fans |  |  |  |  |
|  | Supplying \& Installing following mentioned Aluminum, medium duty, powder coated with glossy color Ceiling Fans / Wall Fans / Exhaust Fans with necessary clamps hook, bracket, hardware etc |  |  |  |  |
|  |  |  |  |  |  |
| a. | SITC 1200 mm sweep Ceiling fans Complete with Mounting rod, Clamps, Locking pin etc. (Color -White / Ivory / Brown) | No | 4.00 |  |  |
|  | Rate in words :- |  |  |  |  |
|  |  |  |  |  |  |
| b. | SITC 250 mm sweep Exhaust fan of metal body \& blade with louvers on the outside | No | 4.00 |  |  |
|  | Rate in words :- |  |  |  |  |
|  |  |  |  |  |  |
| c. | SITC 400 mm sweep Wall fan of 1350 RPM. Oscillating type, metal blades chrome plated guard with speed regulator and moisture proof treatment to winding and with ' $E$ ' class insulation. | No | 10.00 |  | - |
|  | Rate in words :- |  |  |  |  |
|  | D. TOTAL OF FIXTURES |  |  |  | - |
| E | EARTHING SYSTEM |  |  |  |  |
| 1 | Plate Earthing |  |  |  |  |
|  | S \& I of Earthing Pit / Earth Electrode Station into the true ground level by using GI / Copper Plate type earthing with necessary excavation in soft soil, including Pouring Charcoal \& Salt ( Approximately ) 50kg each per Pit with Predrilled 50 mm dia B class GI Pipe-2.5 Mtr In length, GI Funnel with wiremesh, $35 \times 5 \mathrm{~mm} \mathrm{Gl} / \mathrm{Cu}$ Earthing Strip, Complete job with necessary construction of appropriate sized Earthing PIT masonary Chamber with providing Cl hinged chamber cover, Nutbolts, Earthing Testing Link, Hardware, Numbering of Chamber by using water proof paint. For more details refer IS 3043-1987 Brazing for Cu \& Welding for GI Plate to pipe \& Strip shall be done with coating by anti-corrosive paint |  |  |  |  |
|  |  |  |  |  |  |
| b. | CU Plate earthing. | No | 4.00 |  | - |
|  | Rate in words :- |  |  |  |  |
|  | Copper earthing pit made up of $600 \times 600 \times 3 \mathrm{~mm}$ thick, copper electrode including $25 \times 5 \mathrm{~mm}$ Copper strip. |  |  |  |  |
| 2 | Earthing Wires |  |  |  |  |
|  | SITC of insulated copper earthing wire laid through 20 mm PVC conduits from separately made earth pit to the equipment in following sizes |  |  |  |  |
|  | Rate in words :- |  |  |  |  |
| b. | 25mm $\times 5 \mathrm{~mm}$ thick Gl strip | Rmt | 20.00 |  | - |
|  | Rate in words : |  |  |  |  |
|  |  |  |  |  |  |
| c. | Single core, 6 sqmm FRLS PVC insulated multi threaded, flexible copper cable laid through 20 mm size, MMS Grade PVC Conduites | Rmt | 100.00 |  | - |
|  | Rate in words : - |  |  |  |  |
|  |  |  |  |  |  |
| 3 | Main Earth Bus | No | 2.00 |  | - |
|  | Supplying \& Installing of Main bus for isolated earth comprising of 200 mm $\times 40 \mathrm{~mm} \times 6 \mathrm{~mm}$ thick copper bar fixed on insulated support and having 20 nos of holes and nut bolts studs for clamping the earth leads,all contained in MS/PVCbox of size $300 \mathrm{~mm} \times 200 \mathrm{~mm} \times 50 \mathrm{~mm}$ deep and having transparent acrilic inspection cover as approved by Bank / Architect. |  |  |  |  |
|  | Rate in words |  |  |  |  |
|  | E. TOTAL OF EARTHING SYSTEM |  |  |  | - |
|  |  |  |  |  |  |
| F. | TELEPHONE / VOICE CABLING AND OUTLETS |  |  |  |  |
| 1 | Telephone points | No | 2.00 |  | - |
|  | Rate in words :- |  |  |  |  |


|  | BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR |  |  |  |  |
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| $\begin{aligned} & \hline \text { SR. } \\ & \text { NOR } \end{aligned}$ | ITEM | UNIT | QTY | RATE | AMOUNT |
|  | Providing and laying 2 Pair Grey Color 0.5 mm Tinned Cu , PVC insulated cable for Telephone / Voice, laid through 20 / 25 mm size, MMS Grade PVC Conduites and Supplying \& terminating with RJ-11 Telephone Jack Outlet with face plates in suitable modular PVC / MS box from EPABX Krone Tag Box to the work stations and terminate the other on a 10 pair Krone module installed in a Krone Tag box, complete with numbering of each cable with Ferule and Telephone Connection Chart (No seperate measurements for PVC Conduits) |  |  |  |  |
|  | Rate in words : |  |  |  |  |
|  | F. TOTAL OF TELEPHONE SYSTEM |  |  |  |  |
| G | DATA CABLING SYSTEM |  |  |  |  |
| 1 | Data points | No | 11.00 |  |  |
|  | Rate in words : |  |  |  |  |
|  | Supplying and laying D-Link / Molex / Awaya / Amps make, Cat 6 cable for Data, laid through $20 / 25 \mathrm{~mm}$ size, MMS Grade PVC conduites and providing \& terminating with RJ-45 Information Outlet Ports with face plates in suitable modular PVC / MS box from Server Rack/ Patch Panel/ Data Switch to individual work stations \& terminating other end with RJ-45 connector including numbering with ferule (No seperate measurements for PVC Conduits) |  |  |  |  |
| 2 | Supplying \& laying Cat-6, RJ-45, 1 m . length Data Patch Cords, | No | 11.00 |  |  |
|  | Make : D-Link / Molex / Awaya |  |  |  |  |
|  | Rate in words :- |  |  |  |  |
| 3 | Supplying \& laying Cat-6, RJ-45, 2 met length Data Patch Cords, | No | 11.00 |  |  |
|  | Make : D-Link / Molex / Awaya |  |  |  |  |
|  | Rate in words :- |  |  |  |  |
| 4 | Patch panel |  |  |  |  |
| a. | Supplying and Installing D-Link make, preloaded, Cat-6, RJ-45, 16 Port Patch Panel, complete with terminations \& numbering with ferule | No | 1.00 |  |  |
|  | Rate in words :- |  |  |  |  |
| 5 | Supplying \& Installing D-Link / HCL / iBall make 12-U Networking Wall mounting rack, complete with following mentioned accessories | No | 1.00 |  |  |
|  | * 2U Horizontal Cable Manager |  |  |  |  |
|  | * Power Distribution Unit / Power Strip of 6 Sockets |  |  |  |  |
|  | * Cooling Fans |  |  |  |  |
|  | * Cantilever Trays / Shelves |  |  |  |  |
|  | * Hardware Packet |  |  |  |  |
|  | Rate in words : |  |  |  |  |
|  |  |  |  |  |  |
|  | G. TOTAL OF DATA CABLING SYSTEM |  |  |  |  |
|  |  |  |  |  |  |
|  | TOTAL FOR ELECTRICAL WORKS |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | (Amount in Words Rs. |  |  |  | ) |
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