

| PRICE BID ELECTRICAL CONTROL PANEL, AUDIO SYSTEM AND ITS ALLIED WORKS FOR LED EXTERNAL VIDEO WALL AT GWALIOR, JABALPUR, INDORE AND RAIPUR | | | | | |
|---|--|-----|-------|------|--------|
| S.No | Description of items | Qty | Unit | Rate | Amount |
| (A) | PART 'A'- ELECTRICAL WORK FOR ONE LOCATION | | | | |
| 1 | UPS OUTGOING & OTHER FRLS WIRING, As Per Requirement. | | | | |
| a | 3 X 4 Sqmm copper multistreand FRLS wire in suitable size of 16 SWG (MMS) steel conduit. | 20 | R.Mtr | | |
| b | 3 X 6 Sqmm copper multistreand FRLS wire in suitable size of 16 SWG (MMS) steel conduit. | 20 | R.Mtr | | |
| 2 | MAIN OUTDOOR ELECTRICAL PANEL | | | | |
| | Supply, installation, Testing and commissioning of the surface/recess mounting following ways MCB DB's 230/415 Volts with tinned copper busbar, neutral bar, earth bar, din bar detachable gland plate, interconnection and making good all the damages, painting, cleaning the site etc complete as | | | | |
| | Supplying, installation, testing and commissioning of indoor type , sectionalised, compartmentalized, MV Panel board of suitable size fabricated from CRCA sheet of 2 mm thick for frame work,enclosure and doors, 3 mm thick for gland plates with stiffers where required, having vibration free structure chemically treated with seven tank process before painting for surface treatment and powder coated,with aluminum busbar with DMC / SMC busbar supports suitable for 3 Phase 415 V 50 Hz AC supply i/c providing and fixing the following switchgear mounted thereon complete with gaskets and | | | | |
| a | OUTDOOR TYPE DOUBLE DOOR ELECTRICAL PANEL:- IP 65 with all necessary accessories as mentioned below as per approved drawing/dimenssion provided by Bank. (i) Size of panel:- 5' 6"(H) X 36"(W) X 27"(D)- 5" + 21" + 1", MS power coated, inner glass door, outer double MS door with locking arrangement of L-drop & lock with 3 keys. The panel having 5 rows of MS sheet of 2 mm heavy duty. Top to bottom row height 12", 9",11",18", 16" (ii) Incommer of 63 amp TPN- 1 Nos, 63 amp TPN outgoing, 32 amp DP MCB- 6 Nos (iii) 2 Nos metallic exhaust fan of 6" heavy duty of panel purpose with louver and filters. (iv) 1 nos energy meter of three phase, 40 amp. (v) 32 amp, DP, switch & socket with MS box accessories etc.- 6 Nos (vi) MS angle iron floor mounted stand with two coat of red owide and enamel paints of 2 feet height with cement concrete foundation of 6" height , 36" length and 36" width (Note:- Before Placing the Panel order, firstly it Passed by The Bank Authority, otherwise it will not considered) | 1 | Nos | | |
| 3 | CABLES | | | | |

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|----------|--|-----|-----|--|--|
| | <p>Supplying, unloading, storage, laying, testing and commissioning of PVC/XLPE insulated (Heavy Duty) Al/Cu conductor armoured cable suitable for working voltage upto and including 1100 V grade, laid and tied on existing overhead cable trays, or laid and tied over MS supports in masonry trenches with copper/al cable lugs, single compression brass cable glands, tapping, crimping etc. as required and all cables run with double run(2 No.) of GI wire of 8 SWG size.The size of cables are as under:- Make of Material:- (i) PVC/XLPC Armoured cable:- Finolex, Havells, RR cable, CCI(Cable Corp. of India) (ii) Cable Termination:- Dowells, Comet</p> | | | | |
| a | 4X 25 Sq.mm XLPE.Al.armoured Cable (POWER/LIGHT) | 100 | Mtr | | |
| 4 | EARTHING | | | | |
| (i) | <p>COPPER PLATE EARTH STATION: Preparation of the Plate Earth Station:(As per IS:3043) (a) Excavation of hard rocky earth, soft murrum, hard murrum etc and back filling with black cotton soil for the earth station, the earth pit size is 1000 mm X 1000 mm X 2500 mm. (b) Supply and fixing of Copper Plate of Size 600 mm X 600 mm X 3.0 mm thick. (c) Fixing of 50 mm X 6 mm, 3 Mtrs copper strips from Copper Plate to earth terminal including brazing/welding at plate etc. (d) Supply and laying in position 19 mm, 2 Mtrs G.I "B" Class pipe for watering with reducer/funnel with mesh. (e) Supply and Fixing of the following in the earth station. (i) 75 Kg. Charcoal. (ii) 15 Kg. Original Salt. (iii) Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work concrete, plastering, S/F of C.I Cover of size 12" X 12" complete as per site requirement.</p> | 1 | Nos | | |
| (ii) | <p>G.I.PLATE EARTH STATION : Preparation of the Plate Earth Station: (as per IS:3043) (a) Excavation of rocky earth, soft murrum, hard murrum etc and back filling with black cotton soil for the earth station, the earth pit size is 1000 mm x 1000 mm x 2500 mm deep. (b) S/F of G.I. plate of size 600 x 600 x 6.0 mm thick. (c) S/F fixing 50 mm x 6 mm, 3 mtrs G.I, strips from G.I.plate to earth terminal including brazing / welding at plate etc. (d) Supplying and laying in position 19 mm, 2 mtrs G.I. `B' class pipe for watering.with reducer/funnel with mesh. (e) S/F of the following in the earth station. 75 Kg. Charcoal, 15 Kg. Original Salt. and Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work concrete, plastering, S/F of C.I. Cover of size 12" x 12" complete as per site req.and marking its value and</p> | 2 | Nos | | |

| | | | | | |
|-------|--|----------|------------|--|--|
| (iii) | Providing and fixing Copper/GI strip as per specification complete including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soil/rocks etc complete as required. (a) Copper Strip 25 X 5 mm | 10 | Mtr. | | |
| (iv) | (b) G.I.Strip 25 X 5 mm | 40 | Mtr | | |
| (v) | Supply and laying of 10 Sq.mm 650V/1100 V PVC grade insulated copper wire in 15 mm G.I. Pipe ISI grade including all accessories complete as required. | 30 | Mtr. | | |
| 5 | Supply & Installation of SDP(Surge Protector Device) for general protection of main Distribution Board Legrad Make Cat No. 412247 (3P+N) , 40 KA, T2- Imax 40KA/pole with complete wiring. | 1 | Nos | | |
| 6 | Providing & fixing of 5 KVA Voltage stabilizer with time delay option including all accessories with installation at site (For 2Tr Split AC & 2Tr Cassette AC) Make:-Microtek, V-Gards (Voltage Range 150- 280 Volts) | 6 | Nos | | |
| 7 | SITC of PA mixer amplifiers with digital player of Ahuja- SSA-250 DP, 250 Watt or equivalent JBL etc with all necessary wiring in HMS PVC conduits as per site requirement and all necessary accessories as directed by Bank Engineer. | 1 | Nos | | |
| 8 | SITC of all weather 2 way outdoor speaker, IP-66, OSX-666T-90 watt output or equivalent JBP etc with all necessary wiring in HMS PVC conduits as per site requirement and all necessary accessories as directed by Bank Engineer. | 2 | Nos | | |
| 9 | SITC of 'B' class GI pipe of 2" dia including all accessories, excavation, GI clamping, leveling, final cement concrete finish etc as per site condition for laying of power cable | 20 | Mtr | | |
| | TOTAL FOR PART 'A' FOR ONE LOCATION- ELECTRICAL WORKS | | | | |
| | TOTAL AMOUNT FOR 4 LOCATIONS (Part 'A' X 4) | 4 | Job | | |

GST will be paid additionally @18%