**SBI INFRA MANAGEMENT SOLUTIONS PVT LTD(SBIIMS)**

**(WHOLLY OWNED SUBSIDIARY OF SBI)**

**CIRCLE OFFICE, PATNA**

**SCHEDULE OF WORKS : ELECTRICAL WORKS**

**PROJECT : MADHUBANI BAZAR BRANCH**

**UNDER RBO-IV, MADHUBANI, AO PURNEA**

| Sl No. | Item Description | Unit | Quantity | Rate(Rs) | Amount(Rs) |
|---|---|---|---|---|---|
| | **PART A- ELECTRICAL WIRING FOR COMPUTERS, COUNTERS, LIGHTS & FAN POINTS** | | | | |
| 1 | Supply and erection of m.s sheet steel enclosure of SWG dust and vermin proof to be installed on Angle Iron frame of proper size suitable to accommodate 500 VTPN electrolytic copper bus bar of 25x3 mm(3 nos.) and 19x3 mm one no. complete in all respect as required. The control panel will also consist of the under noted switch gears.<br>INCOMING<br>200A T.P.N HRC type switch fuse unit of Havells/L & T/Standard make.<br>OUTGOING<br>(i) 100 Amp TPN Switch fuse unit-2 No.<br>(ii) 100 Amp TPN switch fuse unit-1 No.<br>(iii) Voltmeter, Ampere Meter with KEC/Esma make rotary switch C.T etc. | **Set** | **1.00** | | |
| 2 | Supply and laying of 4x6 sqmm +1x4 sqmm PVC insulated Flexible copper conductor wire in a MS conduit pipe ISI complete in all respect including termination at both end with the help of proper size of coupler(Wire-Havells, Fenolex) Supply and laying of 4x6 sqmm +1x4 sqmm PVC insulated Flexible copper conductor wire in a MS conduit pipe ISI complete in all respect including termination at both end with the help of proper size of coupler(Wire-Havells, Fenolex) | **Metre** | **20.00** | | |
| 3 | Supply and installation of 6 way SP D.B(for computer points) 6a Per way with controlling ELCB of 20 A 300 mm sensitivity complete in all respects as required with interconnection MDS/Havells make(Double Door). | **Nos.** | **3.00** | | |
| 4 | Supply and laying of 2x4 sqmm and 1x1.5 sqmm insulated copper conductor wire conforming to IS 694 in | **Metre** | **60.00** | | |

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| | M.S conduit of 25 mm 16 S.W.G ISI mark to be laid on wall with the help of M.S clip, saddle, etc of proper gauge complete in all respects as required including termination of wires at both end with electrical socket, brass lug/G.I Nut bolt etc.(Wire-Havells, Finolex) | | | | |
| 5 | Point wiring for different terminal printer from different SPN DBS with 3x2.5 sqmm 600 V grade PVC insulated flexible copper conductor wire of different colour in 9 mm MS conduit pipe 16 SWG complete in all respect. | **No.** | **18.00** | | |
| 6 | Supply and fixing computer socket cluster consisting of following components(MK NORTH WEST)<br>a) 5 Nos. Modular 5A switch<br>b) 5 Nos. 3 Pin socket<br>c) 1 No. indicating lamp | **Nos.** | **10.00** | | |
| 7 | Supply and fixing computer socket cluster consisting of following components(MK NORTH WEST)<br>a) 3 Nos. Modular 5A switch<br>b) 3 Nos 3 Pin socket<br>c) 1 No. indicating lamp | **Nos.** | **8.00** | | |
| 8 | Supply and installation of 4 way TPDB consisting of the following components.<br>a) 63A four pole MCB-1 No.<br>b) 32A SPMCB-9 nos.<br>to be installed on proper size of angle iron frame to be grouted on wall complete in all respects with interconnection as required(Havells/Standard) | **Nos.** | **3.00** | | |
| 9 | Supply and installation of DB with 6 way 6A per way with controlling ELCB of 20A 300 mm sensitivity complete in all respects as required with interconnection MDS/Havells make(Double door) | **Nos.** | **2.00** | | |
| 10 | Wiring for counter light/fan/call bell point with 3x1.5 sqmm PVC insulated copper conductor wire in suitable size ISI M.S conduit pipe with controlling by 5A Modular type switch. | **Nos.** | **130.00** | | |
| 11 | Wiring for Light circuit/Socket with 3x1.5 sqmm PVC insulated copper conductor wire in suitable size M.S conduit pipe complete in all respect. | **Metre** | **180.00** | | |
| 12 | Supply and laying of 8 SWG cotton coated copper wire partly in ground and partly on wall from Earth electrode top to earthbus. | **Metre** | **70.00** | | |
| 13 | Provision of Earth station of neutral with 40' 40 mm dia G.i pipe deep from earth including all required accessories. | **Nos.** | **2.00** | | |
| 14 | Supply and installation of 200A KIT-KAT(Porcelain type) on minimum 12 mm thick wooden board. | **Nos.** | **3.00** | | |
| 15 | Supplying and laying of 3.5 corex70 sqmm PVCA armoured cable(Golster/NICCO/Havels) from pole to | **Metre** | **60.00** | | |

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| | panel. | | | | |
| 16 | Supplying and laying of 3.5 corex25 sqmm PVCA armoured cable(Golster/NICCO/Havels) from DB to panel | **Metre** | **70.00** | | |
| 17 | Supplying and laying of 4x10 sqmm + 1x4 sqmm PVC insulated flexible copper conductor wire in a MS conduit pipe ISI complete in all respects including termination at both end with the help of proper size of coupler.<br>Finolex/Polycab/RR cables | **Metre** | **30.00** | | |
| 18 | Wiring for A.C power point with 1100 V grade 3 Nos. single core 4 sqmm PVC insulated flexible copper conductor cable(IS 694) through 25 mm dia M.S conduct(ISI mark) and conduit accessories partly on surface(above false celing) with M.S bar saddle, partly through partition & partly concealed in wall/embedded in floor by chase cutting from DB to ACV point including supply and fixing of metal clad DB with 1 no. 20A S.P.M.C and 20A industrial type metal clad socket with matching plug top flushed with wall/partition, chase cutting making good all damaged to original finish, interconnection, painting etc. as required to be completed in all respect from main D.B (Wire-Havells/Finolex/polycab/RR cables) | **Nos.** | **8.00** | | |
| 19 | UPS Panel : Supply and erection of m.s sheet steel enclosure of swg dust and vermin proof to be installed on angle iron frame of proper size suitable to accommodate 500 VTPN electrolytic copper bus bar of 25x3mm(3 nos.) and 19x3 mm one no. complete in all respect as required. The control panel will also consist of the under noted switch gears<br>INCOMING : 63 A TPN HRC type fuse switch unit of Havells/L7T/Standard make.<br>OUTGOING : (i) 32Amp TPN switch fuse unit-2 nos. (ii) 32 Amp TPN fuse unit-1 no. (iii) Voltmeter, ampereMeter with K.E.C/Esma make rotary switch C.T. etc. | **Set** | **1.00** | | |
| 20 | Supply & fixing 200 A TPN Change over switch with interconnection as requured of Havells make. | **Nos.** | **1.00** | | |
| 21 | Supplying & fixing 32a DP changeover switch of Havells/Standard make. | **Nos.** | **2.00** | | |
| | **PART B-SUPPLY AND FITTING OF ELECTRICAL FITTINGS** | | | | |
| 1 | Supplying & fixing of 400 mm sweep A/c wall fan bajaj make(Model-BW-04) or equivalent model of USHA/Crompton | **Nos.** | **22.00** | | |
| 2 | Supply & fixing of counter light model no. PL-S11w(Ultima) from Philips or TLN-11EB/w from Crompton Greaves(as per directions) | **Nos.** | **3.00** | | |
| 3 | Supplying and fixing of 1200 mm sweep ceiling fan | **Nos.** | **4.00** | | |

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| | Orient/Usha/Crompton | | | | |
| 4 | SITC of 2'x2' LED(36 W) light & fixtures recessed type with all interconnection(philips) and fixing arrangement as required. | **Nos.** | **36** | | |
| 5 | LED light 7 watt LED light with holder for toilet | **Nos.** | **5** | | |
| 6 | Supply & fixing LED T-5 lamp 16 W of Philips/Crompton/Bajaj make. | **Nos.** | **9** | | |
| 7 | SITC of LED(15W) light & fixtures recessed type with all interconnection(Philips) and fixing arrangement as required. SITC of LED(15W) light & fixtures recessed type with all interconnection(Philips) and fixing arrangement as required. | **Nos.** | **40** | | |
| 8 | Supply & fixing of Exhaust fans of 9" of Almonard/CG | **Nos** | **1** | | |
| 9 | **Air Conditioners** :- Supply and fitting of Split Type 1.5 tonne capacity Air-Conditioners(Voltas/Blue star) or equivalent including 4 Kva stabiliser of v guard/Sen & Pandit and fixing of outdoor units with steel stand all accessories complete item of the job. | **Nos.** | **7** | | |
| | **PART C- SUPPLY AND INSTALLATION OF LAN COMPONENTS** | | | | |
| 1 | Supplying and installation of switch 24 ports 10/100 BASE-TX ports, (D link) unmannaged as approved by the Bank. | **No.** | **1** | | |
| 2 | Supply & installation of Cat6 Double Mt. Cord-7ft, D-Link | **No.** | **2** | | |
| 3 | Supply & installation of Cat6 Double Mt. Cord-3ft, D-Link | **No.** | **15** | | |
| 4 | Supply & installation of Cat 6 cable in 3/4" PVC (ISI Medium quality) including fixing installation complete complete. | **Metre** | **140.00** | | |
| 5 | Supply & installation of Cat 6 cable in 1" PVC (ISI medium quality) including fixing installation complete. | **Metre** | **125.00** | | |
| 6 | Supply & fitting of I.O. Box D Link as per directions. | **No.** | **20.00** | | |
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| | **TOTAL VALUE OF ELECTRICAL WORKS :** | | | | |

**NOTE : All Wiring for lights, DB's, light and fan points etc should be Concealed**

Signature of Contractor with Official Seal

Bank reserves the right to select ant material out of the specified make.