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| **ESTIMATE FOR ELECTRICAL WORK -PUNJAB GRAMIN BANK, BRANCH – MOHALI** | | | | | | | | | |
| **S.NO** | **Descriptions of items** | **QTY** | | **Unit** | | **Rate** | | | **Amount** |
| **1** | **LIGHT & FAN POINT ( 6 amp.)** | 38 | | No’s | |  | | |  |
|  | Providing , Laying , fixing & testing of electrical points including wiring from MCB’s to switches, plates type switches, socket & M.S. Modular boxes with rust proof treatment size to accommodate the required nos. of switches & sockets plus circuit wiring from switches to lights/ fans/ fixtures etc. wherever required complete with earthling 1.00 mm2 multi strand wire in 25 mm dia unbreakable PVC conduit ISI marked with specials under floors/ wall & above false ceiling or making truff under / along work – stations including chase cutting disposal of melba away from the site and repair of the same with cement mortar, copper conductor wires only will be used of approved make. |  | |  | |  | | |  |
| **2** | **16 AMP POINT** | 3 | | No’s | |  | | |  |
|  | P & L 16 amp modular switch & five pin multi socket with indicator complete with interconnections between switch & socket with wiring 2 x4 sq mm + 1x 2.5 Sq mm PVC insulated multi strand copper conductor cable form panel to point in P.V.C pipe with MS box recess in wall. & 16 A, 6 pin type power socket with 16 amp. Switch 2 x 4 mm + 1.5 mm earth wire. (1 Manager, 1 Panty & 1UPS). |  | |  | |  | | |  |
| **3** | **32 AMP WIRING FOR AC** | 4 | | No’s | |  | | |  |
|  | P & F 32 amp. Wiring with MCB from D/B to site of outdoor and indoor A/C unit i.e. circuit wiring with 4 mm sq. multi spread PVC copper wire, earth wire with DP switches. |  | |  | |  | | |  |
| **4.** | **PANEL TO UPS WIRING** | 10 | | Mtr. | |  | | |  |
|  | 2 x 6 sq mm PVC insulated multi strand copper conductor cable & 1.75 sq mm ISI mark form panel to UPS including PVC conduit pipe/ false ceiling complete in all respect. |  | |  | |  | | |  |
| **5.** | **COMPUTER POINT (1 for each computer)** | 6 | | Nos. | |  | | |  |
|  | Installation of computer points with 4 sockets and 1 switch with indicator including wiring with 2 x 1.5 mm + 1mm sq mm PVC insulated multi strand copper conductor cable in wall or under false ceiling with switches socket & box complete in all respect. |  | | | | | | | |
| **6.** | **MAIN CIRCUIT WIRING (Panel to switch board with PVC conduit pipe.)** | Not to be used | | | |  | |  | |
| a | Copper conductor wire 2 x 2.5 sq mm + 1 x 1 sq mm earth wire for lighting circuit |  | Nil | | |  | |  | |
| b | 4 x10 sq mm copper conductor cable for generator set. |  | Nil | | |  | |  | |
| c | 4 x 25 sq mm aluminum conductor cable unarmed form meter to panel. |  | Nil | | |  | |  | |
| **7.** | **TELEPHONE POINT** | 2 | Nos. | | |  | |  | |
|  | One Nos telephone jack, complete with interconnections Modular type ISI Mark including wiring with 2 x 0.51 sq mm copper with silver coated one pair PVC insulated sheathed twin core telephone wire ( for telephone) from main line to telephone jack in Ms box Recess in wall or under computer. |  |  | | |  | |  | |
| **8.** | **CALL BELL : ( Manager)** | 1 | No. | | |  | |  | |
|  | P & F electrical point wiring for call bell with 2 X 1.5 sq mm PVC insulated multi strand copper conductor cable of in PVC conduit pipe wiring providing bell ceiling rose or connector & 6 amp ding done bell. |  |  | | |  | |  | |
| **9.** | **TUBE LIGHT-LED: On the walls** | 3 | No. | | |  | |  | |
|  | P & F 22 watts tube light one in the cashier cabin and in the back portion complete set. The tube lights should Philips/ Bajaj/ Company. |  |  | | |  | |  | |
| **10** | **LED –BULB** | 8 | No. | | |  | |  | |
|  | P & F 20 WATTS in the Strong Room, Stationary Pantry, U.P.S. and Wash Room. The LED bulbs should of Philips make. |  |  | | |  | |  | |
| **11.** | **WALL FAN** | 7 | No | | |  | |  | |
|  | P & F of wall fan of Usha make prima model of steel jalli with necessary wiring and switches . |  |  | | |  | |  | |
| **12.** | **CEILING LIGHT :** | 10 | No’s | | |  | |  | |
|  | P & F of 2’x2’ sq LED lights of Crompton co. The rate includes the complete fitting of chowks, rods, and wire i.e. complete job in all respects. |  |  | | |  | |  | |
| **13.** | **CEILING FAN WITH REGULATOR:** | 2 | No’s | | |  | |  | |
|  | P & F of Ceiling FAN of Orient OR Crompton greaves 48 “. |  |  | | |  | |  | |
| **14.** | **EARTHING FOR THE U.P.S & DP PANEL**  **(with guarantee of 10 years)** | 1 | No | | |  | |  | |
|  | Supply & installation of earth stations with 600 x 600 x 3 mm thick. Copper plate electrode complete with 25 mm dia “B” class G.I. pipe for watering including funnel 30 cm masonry chanber with precast RCC cover complete with salt & charcoal filling ( as per IS : 3034 – 1987) incl. copper strips 25 mm x 3 mm thick. With copper base plate up to earth level 4.5 mtr. Deep from earth level with complete wiring including 6 sq. mm copper wire form earth to UPS & panel. |  |  | | |  | |  | |
| **15.** | **PANEL : (Anchor Company)** | 1 | No | | |  | |  | |
|  | Supply & installation testing & commissioning of cubical type control panel made out with 16 SWG CRCA sheet duly painted with two coat of red oxide one coat of enamel paint complete with interconnections in such a way that when main supply, security and fire alarm system remain energized both supply i.e. PSEB and E/A supply complete in all respects comprising with following items: |  |  | | |  | |  | |
| **i)** | 125 amp. 4 pole MCCB for **PSEB INCOMING SUPPLY**. |  |  | | |  | |  | |
| **ii)** | Kit Kats 100 amp. – 3 nos |  |  | | |  | |  | |
| **iii)** | 100 amp. 4 pole on load change over switch  ( for selection of supply between E/A and PSEB) |  |  | | |  | |  | |
| **iv)** | 1 no., 4 way TPN for direct supply without generator, with 4 way isolator 63 amp. & 12 MCB for 6-32. For AC, power plug, ATM, sign board and fire alarm. |  |  | | |  | |  | |
| **v)** | 1 no., 4 way TPN for through generator supply, with 4 way isolator 63 amp. & 12 MCB for 6-32 amp. For AC, power plug lights & fan and UPS. |  |  | | |  | |  | |
| **vi)** | 5 nos DP for UPS & AC, 1 nos 100 amp. Bus bar before generator & one no 100 amp. Bus bar after generator. |  |  | | |  | |  | |
| **vii)** | VAF meter including 200/5 current transformer. |  |  | | |  | |  | |
| **viii)** | 3 no. indication lamp. |  |  | | |  | |  | |
| **16.** | **UPS OUTPUT & INPUT** | 1 | | | | No’s | |  | |
| **i)** | Two DP 25 amp. Including box for input and output supply complete in all respect. |  | | | | | |  | |
| **ii)** | 8 way SPN distribution board double door with 6 nos MCB, 10 ka breaking capacity and 1 No 25 amp DP MCB ISI Mark ( for UPS output supply) in Ms cubical box of suitable size, necessary misc. hardware, knobs, rubber gas ket duly painted with low coats of red oxide one coat of enamel paint. |  | | |  | |  |  | |
| **iii)** | P/F earth conducting with 8 nos copper wire earth pit to UPS panel. |  | | | Nil | | |  | |
| **17.** | **EXHAUST FAN** | 3 nos | | |  | | |  | |
|  | Exhaust Fans 12” Dia : 1400 rpm ( Double ball bearing) Heavy duty Crompton Greaves/ Phillips. |  | | |  | | |  | |
| **18.** | **DOWN LIGHT** | 10 nos | | |  | | |  | |
|  | Providing & fixing 15 W LED Round Down lighter LCND 15- CDL of Crompton. |  | | |  | | |  | |
| **19.** | **AC COPPER PIPE** | 175 rft. | | |  | | |  | |
|  | Laying of AC copper pipe including cutting of walls and repair the same with the surface of walls. Copper pipe include 1/4" + 1/2 " & 3 core copper wire 2.5 sqmm in 1/2" flexible pipe properly insulated complete in all respect. Copper pipe/ wire should not be more than 2'-0" in length near outer unit. Pipe should be of total line co. |  | | |  | | |  | |
| **20.** | **AC DRAINAGE PIPE** | 110 rft. | | |  | | |  | |
|  | Drainage pipe for AC 25 mm PVC pipe of supreme co. including fitting. Wall cutting and repair with cement mortar. |  | | |  | | |  | |
| **A** | **TOTAL** |  | | |  | | |  | |

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| **LIST OF APPROVED MATERIALS & MANUFACTURERS** | | | |
| **S.N.** | **Description** | **Brand** | |
| 1. | MCB’s & DB’s & ELCB | | Siemens, Havel’s / L & T, Anchor |
| 2. | Switch, plug & Sovket (Metal) | | MDS, Crompton, Anchor, Roma, Havel’s, D link , Digilink |
| 3. | Pipe (PVC) Conduit | | Diplast, Avon, ISI mark, 2mm thick |
| 4. | Tube light LED | | Crompton, Philips |
| 5. | Wires & telephone cable | | Havel’s, Finolex, Fire RESISTANT. Anchor |
| 6. | Fans | | Crompton, Orient |
| 7. | Spot light & light fittings | | Philips, Havel’s & Crompton |
| 8. | Tube rod | | Philips, Bajaj |
| 9. | Main Panel | | Anchor |
| **Note:** | 1. **GST extra as applicable.** | | |
|  | 1. **All the payments will be subject to provisions of TDS/TCS of Income Tax Act, 1961 as per applicable rates in force.** | | |
|  | 1. **Service Provider (Vendor) will be liable for all applicable taxes as may be applicable on said supply of goods and services to the Bank.** | | |
|  | 1. If contractor shall use old material brought from old existing office. He shall be paid only labour for the same. | | |
|  | 1. Before, starting the work, contractor shall have drawings from bank. | | |
|  | 1. Contractor shall not execute any work other than tender without written permission of owner or Bank | | |
|  | 1. Contractor shall complete the work within 3 weeks from the date of work allotted to him. | | |
|  | 1. In Case work is not complete within prescribed time, contractor shall penalized Rs. 1000.00 per day. | | |
|  | 1. Nothing shall be paid for circuit wiring. Rates include for circuit wiring. | | |
|  | 1. **No extra work is allowed without written permission from the bank.** | | |
|  | 1. All cabling, wiring should be under ground. No surface wiring should be there. Wiring should run in 1” or 1.5” dia PVC pipes. No extra payment will be paid to electrical contractor for cutting the walls and floors for conducting the PVC pipes and after that repair and finished with cement mortar as per existing site up to the complete satisfaction of the bank/ architect | | |

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| **ESTIMATE FOR DATA CABLING WORK** | | | | | | |
|  | | **FOR PUNJAB GRAMIN BANK, Mohali** | | | | |
| **S.N** | **Descriptions of items** | **Qty** | **Unit** | **Rate** | **Amount** |
| 1. | Providing CAT 6E Cable (Make D- Link) With Labour including 2 set of wires from Hub to Main Outdoor | 90 | Meter |  |  |
| 2. | Providing CAT 6E information out let single with face plate ( make D- link) | 7 | Nos. |  |  |
| 3. | Providing tow module PVC box for information outlet complete with intel connection & SMB. | 7 | Nos. |  |  |
| 4. | Providing CAT 6E MOUNTING CORD 1 METER ( Make D- Link) | 7 | Nos. |  |  |
| 5. | Providing CAT 6E MOUNTING CORD 2 METER ( Make D- Link) | 7 | Nos. |  |  |
| 6. | 24 port jack panel (make D- Link, HCL) with fitting complete in all respect. | 1 | Nos. |  |  |
| 7. | Charges for installation of Hub rack. | 1 | Nos. |  |  |
| 8. | P &F of U rack including fan and trey including punching of lane cable with I.O. & other end in jack panel | 1 | No. |  |  |
| **B** | **TOTAL** |  |  |  |  |

**GRAND TOTAL (A+B) = Rs.**