

BOQ OF ELECTRICAL ALLIED WORK FOR PROPOSED REDESIGN OF STATE BANK OF INDIA, AT LODHIKA BRANCH

| Sr. No. | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| | NOTE : ALL CHARIS OR CHASES IN WALLS / COLUMNS / SLABS MADE BY THE ELECTRICAL CONTRACTOR FOR INSTALLATION OF CONDUITS / S.B. / BOXES ETC. THE FILLING OF THE SAME IS IN THE SCOPE OF THE ELECTRICAL CONTRACTOR INCLUDING ALL NECESSITY MATERIAL AND LABOUR. | | | | |
| A | INTERNAL WIRING : | | | | |
| 1 | P and M point wiring in concealed in walls, furniture's & for above false ceiling, or on ceiling, on beams shall be fixed with saddles & spacers etc., with conduits taken in slab with 20 mm dia PVC Rigid conduits 1.5 mm thick ISI mark with 2 nos. of 1.5 sq. mm. phase & nutral & 1 nos. of 1.0 sq. mm. earthing with modular switch with company made flush metal box/surface PVC box etc. comp. with nec. main lines for switch board from LDB of mains of 2 nos. of 2.5 sq.mm wire and 1 no.of 1.0 sqmm pvc Insulated copper conductor wire FRLS type laying in with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark .These will be used with point wiring of light, fan, ex. fan, callbell points, etc { Max. 3 Switchboards in one circuit - One Sp MCB }. Phase wire must be Red colour, Nutral Wire must be Black color & Green Wire for Earthing. Color code must be maintained. Tagging from Lighting DB MCB and Switch board must be done. | | | | |
| a) | One 5A switch controlling one light point | | | | |
| b) | One switch controlling Two light points | | | | |
| c) | One 5A switch controlling one fan point | | | | |
| d) | 5A socket outlet with 5A switch (on common board) (1 for LCD) | | | | |
| e) | 5A socket outlet with 5A SP switch (as an independent point) [for ex. Fan, 1 for LCD, for Wall fan | | | | |
| f) | Call bell point with bell push complete. (The Switch of Call Bell Must Be Under the Table of BM) | | | | |
| g) | Loop Light Points From Main Panel Timer Supply to Down Lighter In Signage Board and Signage Board. 2 nos. of 2.5 sq.mm wire and 1 no.of 1.0 sqmm pvc Insulated copper conductor wire FRLS type laying in with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark . | | | | |

BOQ OF ELECTRICAL ALLIED WORK FOR PROPOSED REDESIGN OF STATE BANK OF INDIA, AT LODHIKA BRANCH

| Sr. No. | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| 2(A) | SITC of 6/16 Amp. Switch and socket complete with necessary require wiring from PDB of 2 no of 4.0 sqmm wires and 1 no of 2.5 sqmm PVC Insulated copper conductor wire laying in with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark. <u>These will be used as Lighting Supply to Locker Room, Cash Room, Store Rooom ,etc. Separate Circuit Need to be provided From LDB.</u> | | | | |
| 2 | SITC of 6/16 Amp. Switch and socket complete with necessary require wiring from PDB of 2 no of 4.0 sqmm wires and 1 no of 2.5 sqmm PVC Insulated copper conductor wire laying in with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark. These will be used with point wiring of power points ,etc <u>In Pantry Area,Water Cololer, Water Pump Points Etc.Separate Circuit Need to be provided From PDB.</u> | | | | |
| 3 | ITC of 20 A/ 25 A , 230 V, with DP ELCB all enclosed in a prefabricated M S boxes complete to the satisfaction of E.I.C. For SPLIT AC 1.5TR / 2.0 TR unit with necessary require wiring from ACDB of 2 no of 4.0 sqmm wires and 1 no of 2.5 sqmm PVC Insulated copper conductor wire FRLS type laying in with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark. These will be used with point wiring of A.C. points ,etc <u>Server Room AC Supply need to be given through Main Panel.Phase wire should be Red colour, Nutral Wire should be Black color & Green Wire for Earthing. Color code must be maintained. Tagging from ACDB MCB and AC point must be done. This point should be installed near Split / window AC in concealed manner. No Looping of Neutral or earthing is allowed. Each point needs to provide seperate circuit.]. For Cassate AC power supply indoor or outdoor need to be given as per AC vendor's requirement. The height of switchboard must be at reachable point for easily operation.from that point to Split AC,empty conduit + necessary bends must in concealed mode by ele. contractor.</u> | | | | |
| 4 | SITC (For SPLIT AC 1.5TR unit -OUTDOOR SUPPLY) of 2 no of 4.0 sqmm wires and 1 no of 2.5 sqmm PVC Insulated copper conductor wire laying in with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark from indoor unit to outdoor unit <u>if required.</u> | | | | |
| | | | | | |

BOQ OF ELECTRICAL ALLIED WORK FOR PROPOSED REDESIGN OF STATE BANK OF INDIA, AT LODHIKA BRANCH

| Sr. No. | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| 5 | Providing, Installing, testing, Commissioning of mains of following sizes PVC insulated copper conductor multistranded flexibls type wires with 20 mm/25 mm dia PVC rigid conduits or flexible pipe 1.5 mm thick ISI mark with 2 no of 6.0 sqmm wire and 1 no of 4.0 sqmm PVC Insulated copper conductor wire (UPS to UPS O/P DB & UPS I/P DB to UPS). | | | | |
| | | | | | |
| B | LIGHTING FIXTURES : | | | | |
| | (NOTE : ANY OF FIXTURES AND FITINGS SHALL BE RE-CONFIRMED WITH THE ARCHITECTS / CONSULTANTS BEFORE ORDERING THEM. | | | | |
| 1 | Supply, installation, testing and commissioning (including supply and fixing flexible wires from holder to fixtures hardwares etc.) of.... - The PL / CFL lamps should be of same make as fixture make. - The marking & cutting of fixtures should be in ele. contractor's scope.. | | | | |
| | Lighting Luminaire of LED for Office single piece die cost aluminium M24 housing complete with driver unit, mirror optic and other accessories Lamps of about 100 lumen/W injection moulded PC diffusers with high brightness complete unit complying with international standard (LU49, LH801) LED Lamps from Philips, LUmileds rcatrc, oper tive on 190V - 270 V 50 Hz with Mini 3 years warranty complete with mounting systsem and lamp dully wired and tested Details as under. | | | | |
| a) | 36 W LED, Lighting fixture slim panel suitable for 2'x2' Gril flase ceiling of Crompton Model ARION III Cat Ref No: LCTAR3N-40-CDL (2X2) or equivalent Philips or Wipro or Bajaj or C&S make <u>with minimum 2 years warranty</u> <u>Should be clamp with hook in cieling. and should be connected to supply wire with PVC connector. Earthing connection with lugging need to given to body of Fixture.</u> | | | | |
| b) | 12 W LED Downlighter & Crompton Model CROM LCDD-12-CDL/TL/ WW or equivalnet Philips or Wipro or GE make as per details above or equivalent Crompton make. <u>Energy Efficient round recessed mounted LED down lighter with premium white powder coating and die cast aluminium housing. as per details above. Die casting material should not be CRCO type material. with minimum 2 years warranty.should be connected to supply wire with PVC connector. Earthing connection with lugging need to given to body of Fixture.</u> | | | | |
| c) | LED tube light surface mounting type with tube, 1 x 7 Watt, complete . (Wipro make Cat No. MEGMA-P-7007 or equivalent Philips, GE). | | | | |

BOQ OF ELECTRICAL ALLIED WORK FOR PROPOSED REDESIGN OF STATE BANK OF INDIA, AT LODHIKA BRANCH

| Sr. No. | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| d) | Supply and insallation of Call bell with Indicatore. (Max or equivalent make) | | | | |
| e) | Supply and installation of Exhaust fan of 300 mm, fresh air ventilator type with louver complete & 6 Amp. 3 pin TOP. (Crompton/ Khaitan make) [Wooden mounting frame should be fixed in coordination with carpenter - furniture contractor.] | | | | |
| f) | Supply and instalation of 48" Ceiling Fan with fan step modular regulator, Max. 3 feet Fan Rode, Anchor Fastner, etc.(WHITE COLOUR) Orient PSPO or Equivalent approved make in Crompton,Model High Breeze Plus BEE 5 Star labeled ceiling fan ,Aluminium body , copper winding | | | | |
| g) | Supply and instalation of 1 x 18W led batten light fixture (T-5) with electronic driver and tube complete with necessary hardwares, etc and per watt lumens output must be above 120/watt and 90%lumems maintaiance for 90% of life with input voltage 90-270v ac 50hz operational without affecting the life, input mov.gtd protection in driver for above 270v protection. <u>and 2 years waranty.LED Batten Comprises of Thermally conductive material. Pre-wired with high efficiency electronic driver. High translucent frosted diffuser gets glare free, smooth light distribution</u> | | | | |
| h) | Supply and installation of 400 mm sweep wall mounted fan with metal stand and guard With on site 2 years warranty (Crompton model - High Flow or Havells Make | | | | |
| i) | Supply and instalation of flexible LED strip light complete with driver unit, 230 v, 50 Hz, as required Make: Philips/ Crompton/ GE/Wirpo/ ORIENT/C&S | | | | |
| C | COMPUTER POWER SUPPLY SYSTEM.: | | | | |

BOQ OF ELECTRICAL ALLIED WORK FOR PROPOSED REDESIGN OF STATE BANK OF INDIA, AT LODHIKA BRANCH

| Sr. No. | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| 1 | SITC of 2 nos. of 6 A, 5 pin Sockets and 1 no. of 6 \ 16 A socket below table outlets with one 16 A switch with indicator Computer power supply with concealed company made metallic boxes or PVC flush box on walls / furniture's / trunking etc complete all respect with necessary wiring of mains of 2 no of 2.5 sq mm and 1 no of 1.5 sqmm pvc insulated copper conductor multi-stranded flexible wire with 20/25 dia. PVC conduits with accessories duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. complete from UPSDB to Computer power supply boards.{Maxi. 3 computers in one circuit}. complete with necessary termination etc. complete.[White Colour Outer Plate For These Switchboards].LOOP POINTS MUST BE OF SAME SIZED WIRES. Phase wire must be Red colour, Nutral Wire must be Black color & Green Wire for Earthing. Color code must be maintained. Tagging from UPS O/P DB MCB and Switch board must be done. | | | | |
| 2 | FOR E LOBBY : SITC of 1 no. of 6 \ 16 A socket below table outlets with one 16 A switch with indicator Computer power supply with concealed company made metallic boxes or PVC flush box on walls / furniture's / trunking etc complete all respect with necessary wiring of mains of 2 no of 2.5 sq mm and 1 no of 1.5 sqmm pvc insulated copper conductor multi-stranded flexible wire with 20/25 dia. PVC conduits with accessories duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. complete from UPS DB to Computer power supply boards.{Maxi. 3 computers in one circuit}. complete with necessary termination etc. complete.[White Colour Outer Plate For These Switchboards].LOOP POINTS MUST BE OF SAME SIZED WIRES. Phase wire must be Red colour, Nutral Wire must be Black color & Green Wire for Earthing. Color code must be maintained. Tagging from UPS O/P DB MCB and Switch board must be done. | | | | |

BOQ OF ELECTRICAL ALLIED WORK FOR PROPOSED REDESIGN OF STATE BANK OF INDIA, AT LODHIKA BRANCH

| Sr. No. | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| 3 | S & I of 2 nos. of 6 A, 5 pin Sockets and 1 no. of with one 6 A switches raw power supply with concealed company made metallic boxes or PVC flush box on walls / furniture's / trunking etc complete all respect with necessary wiring of mains of 2 no of 2.5 sq mm and 1 no of 1.5 sqmm pvc insulated copper conductor multi-stranded flexible wire with 20/25 dia. PVC conduits with accessories duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. complete from PDB to Computer power supply boards.{Maxi. 3 Raw Power Points in one circuit}. complete with necessary termination etc. complete.. [Black Colour Outer Plate For These Switchboards].LOOP POINTS MUST BE OF SAME SIZED WIRES. Phase wire must be Red colour, Nutral Wire must be Black color & Green Wire for Earthing. Color code must be maintained. Tagging from UPS O/P DB MCB and Switch board must be done. . | | | | |
| D | DISTRIBUTION BOARD AND PANELS : | | | | |
| 1 | Supply, installing, testing and commissioning of metallic double door type distribution board with all necessary connection complete to be installed concealed in wall / surface mount complete to the satisfaction of the Engineer in charge. The DB should be of same make as MCB make. Vertical Type for cable connections | | | | |
| a) | 4- WAY TPN DB : (LDB) | | | | |
| | Incoming : 40 A FP MCB (1 nos) | | | | |
| | Out going: 32 A DP ELCB: (3 nos.) | | | | |
| | outgoing : 6 to 10 A SP MCB (6 nos) | | | | |
| | All MCB must be B Type Characteristic | | | | |
| b) | 12 WAY SPN DB: (PDB) | | | | |
| | incoming : 32A FP MCB -1 NO | | | | |
| | outgoing : 16 A SP MCB (6nos) | | | | |
| | (15 A power point, , Raw Power) | | | | |
| | All MCB must be C Type Characteristic | | | | |
| c) | 6 WAY TPN DB : (ACDB) | | | | |
| | incoming : 63A FP RCCB,100mA- 1 NO | | | | |
| | outgoing : 25 A DP MCB Sensitivity (7 Nos) for HI- WALL SPLIT AC | | | | |
| | All MCB must be C Type Characteristic | | | | |
| d) | E lobby DB (12 way SPN) in E lobby | | | | |
| | incoming: 32A FP MCB-1 nos. | | | | |
| | Out Going: 25 A DP ELCB-2 nos. ELCB (For AC) | | | | |

BOQ OF ELECTRICAL ALLIED WORK FOR PROPOSED REDESIGN OF STATE BANK OF INDIA, AT LODHIKA BRANCH

| Sr. No. | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| | Outgoing: 16A 2 pole digital timer Legrand make Model Alpharex DS1 for ATM signboard | | | | |
| | Out going : 10 to 20A MCB 2 nos. for lighting | | | | |
| | All MCB must be C Type Characteristic | | | | |
| e) | Elobby UPS DB (4 way SPN) in E lobby | | | | |
| | Incoming: 25 A DP ELCB-1 nos. | | | | |
| | Out Going: 10 A SP MCB-2 nos. | | | | |
| | All MCB must be C Type Characteristic | | | | |
| f) | 12 WAY SPN DB : (UPS O/P DB) OUTPUT Making connections of circuits | | | | |
| | In Coming: 32 A DP ELCB -2 Nos. | | | | |
| | Outgoing: 10 to 20 A SP MCB -6 Nos. | | | | |
| g) | 12 WAY SPN DB : (UPS I/P DB) Connection to UPS | | | | |
| | In Coming: 40 A FP MCB -1 Nos. | | | | |
| | Outgoing: 32A DP MCB -3 Nos. | | | | |
| 2 | Supply, installation, testing and commissioning of Main panels as per drawing and specifications. Panel should be dust and vermin proof. Panel shall be fabricated from 14/ 16 SWG CRCA sheet metal duly powder coated of approved paints. Making connection to existing supply or load lines | | | | |
| | It is to be manufactured by CPRI approved Manufacturer complete with fabrication, Switch gear installation. Internal wiring and Test Certificate. | | | | |
| | MAIN PANEL : | | | | |
| | 100 A MCCB unit | | | | |
| | * 63 A, FP Change over switch (1 No.) | | | | |
| | * 125 A TPN, 440 V, 50 Hz., Cu. Busbar. | | | | |
| | * Digital VAF Meter with selector switches, control fuses. - digital type meter and CTs | | | | |
| | * Phase indicator lamps LED phase wise. | | | | |
| | * Outgoing feeder: | | | | |
| | * Timer of L & T make Cat. No. 67DDTO digicom Timer with 16A. 4P contactor / Theben make Cat no. SUL 180 a - T180 0 001 ANALOGTimer with L & T make contactor MNX 18 (operating coil voltage 230V, 50 Hz). (24 hrs).- 1 No for signage light | | | | |
| | * 40 A DP MCBS (1 no - Sign board) and 2 no spare | | | | |
| | * 63 A FP MCB (1 NO - ACDB) | | | | |
| | * 40 A FP MCB (1 NO - LDB) | | | | |
| | * 63 A FP MCB (1 NO - UPS) | | | | |
| | * 63 A FP MCB (1 NO - PDB) | | | | |
| | * 63 A FP MCB (1 NO - ATMDB) | | | | |
| | * 63 A FP MCB (1 NO - SPARE) | | | | |
| | * 25 A DP MCB (2 No for Server Room AC Supply) | | | | |

BOQ OF ELECTRICAL ALLIED WORK FOR PROPOSED REDESIGN OF STATE BANK OF INDIA, AT LODHIKA BRANCH

| Sr. No. | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| 3 | Providing and Installing of 100A MCCB (1 No.) as Incoming. C&S Make CSE1N125ETM4P-100A or L& T MAKE; CM921530000AG-100A or LEGRAND MAKE: DPX3-160A:4201 15-100A (1 No.) as Incoming Unit compartment with hinged door & locking arrangement duly fabricated from 18 SWG sheet metal box duly painted with one coat of red-oxide paint and two coats of approved enamel paints with 100A OPEN TYPE MCCB FP UNIT with Phase indicator lamps phase wise, control fuses & wooden back complete. The MCCB should be Microprocessor based control with inbuilt earth fault protection. THIS WILL BE INSTALLED NEAR MAIN DOOR - INSIDE OR OUTSIDE - OF THE BANK. (first ask to BM / Consultant / Architect / Bank Authority. | | | | |
| | | | | | |
| E | EARTHING SYSTEM: | | | | |
| 1 | Providing and making Earthing Pit with all necessary material and making masonry kundi, watering arrangement etc complete as per ISI 3043-1987 (FOLLOWING ITEMS MAY OPERATE) | | | | |
| a) | JEF Eco safe T-193 Hot DP galvanised with 50 mm dia outer & 25 mm inner dia P/P length 3 meters. Earthing chemical filling 2 Bags of 20KG each (Chemical GI Earthing) ETP MAKE or ASHLOK MAKE With 3 years Manufacturer warranty. Any other make will not be consider. 3 years Manufacturer Warranty. Earthing Certificate, Need to Attached). <u>(At the Time of buried of earthing Photograph must be taken Without Photographic Proof Earthing Will be Rejected. Earthing Road Photo Must be attached with Bill.)</u> | | | | |
| b) | Safe earthing electrode certified for use upto 11kv with 3.00 m pipe back filling compound 2 bag of 25 Kg. with outer pipe 50mm dia and inner 25 mm dia pipe and compound filling as per UL 476 as approved by PWD (Chemical Copper Earthing) ETP MAKE or ASHLOK MAKE With 3 years Manufacturer warranty. Any other make will not be consider. 3 years Manufacturer Warranty. Earthing Certificate Need to Attached). <u>(At the Time of buried of earthing Photograph must be taken Without Photographic Proof Earthing Will be Rejected. Earthing Road Photo Must be attached with Bill.)</u> | | | | |
| | Existing earthing to be used for Lighting Main Panel | | | | |
| 2 | Supply, laying and jointing of following wire / strip / earth cable on walls, ceiling etc. With necessary non rusting clamps, washers, nuts and bolts etc complete | | | | |

BOQ OF ELECTRICAL ALLIED WORK FOR PROPOSED REDESIGN OF STATE BANK OF INDIA, AT LODHIKA BRANCH

| Sr. No. | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| a) | 8 SWG G.I. Wire with 20 mm dia. PVC rigid conduit duly cleated / concealed / burried in floor etc. complete for ELE. PANEL, ALL DBS , ETC. | | | | |
| b) | 8 SWG CU. Wire with 20 mm dia. PVC rigid conduit duly cleated / concealed / burried in floor etc. complete | | | | |
| c) | 25 x 3 mm G.I. Strip (From earthing to Main panel) | | | | |
| d) | 25 x 3 mm CU.strip (From earthing to UPS DB) | | | | |
| | | | | | |
| F | CABLES & CABLE TERMINATIONS: | | | | |
| 1 | Supply, Lying, installation, testing and commissionig of following sizes of PVC insulated PVC sheathed copper / aluminum conductor armoured cable to be laying in existing cable trench or to be laid in existing pipes of with necessary clamps, spacers with cleating on wall ceiling etc. complete to the satisfaction of EIC. All types of cable excavation works should be in contractor's scope.(LENTH TO BE VERIFY AT SITE) with Complete termination & Metal Glanding | | | | |
| a) | 4 x 2.5 sq. mm Cu . Conductor YWY cable. (for Signboard, UPS Room to E lobby for UPS Supply) | | | | |
| b) | 4 X 10 Sq mm Cu Conductor YWY Cabel.(Main Panel To ACDB) | | | | |
| c) | 4 x 6 sq. mm Cu. Conductor YWY cable. (Main Panel to Input UPS DB & PDB & LDB) | | | | |
| d) | 3X4 Sq mm Cu Armoured Conductor for Supply to Street Light. | | | | |
| G | TELEPHONE AND STRUCTURED CABLING : | | | | |
| 1 | Supply and installing telephone point with Telephine socket outlets of RJ 11 of aapproved make with company made concealed boxes in walls / furniture's etc. complete with Providing, installing, testing, commissioning of 2 pair of 0.51 cross section pvc insulated copper conductor telephone wire of ITI approved with 20/25 dia. PVC conduits with accessories duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. complete.from kroone box to table tele. points, etc. complete. <u>Cross Ferruling need to be provided for each point. on Telephone point tagging must be done.</u> | | | | |
| a) | for Intercom Tele. facility. | | | | |
| b) | for Fax Tele. facility. | | | | |

BOQ OF ELECTRICAL ALLIED WORK FOR PROPOSED REDESIGN OF STATE BANK OF INDIA, AT LODHIKA BRANCH

| Sr. No. | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| c) | for Direct Tele. facility. | | | | |
| 2[A] | Supply, installation, testing and commissioning of 20pair krone telephone tag block duly enclosed in sheet metal powder coated box with locking arrangement complete with necessary terminations | | | | |
| 2[B] | Providing, installing, testing, commissioning of CAT 6 UTP pvc insulated copper conductor data cable of D - Link with 20/25 dia. PVC conduits with accessories duly buried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. with ferrule numbering at both ends of each piece of cable complete. [2 Lines from BSNL Krone to new krone]. | | | | |
| 3[A] | Supply, installation, testing and commissioning of CAT 6, RJ 45 information outlet (I/O) of D-link make with front modular cover plate, flush box metallic or PVC for trucking system etc. complete with terminations etc. complete with Providing, installing, testing, commissioning of CAT 6 UTP pvc insulated copper conductor data cable of D-link make with 20/25 dia. PVC conduits with accessories duly buried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. with ferrule numbering at both ends of each of piece of cable etc. complete as per the requirement from metal rack to table I / O points complete.(one for LCD) One for IP phone facility in BM cabin. Dual RJ45 I/O point in Single plate not allowed. Cross Ferruling need to be provided for each point. on Data point tagging must be done. | | | | |
| | | | | | |
| 3[B] | Supply and crimping of RJ 45 connector with proper testing. | | | | |
| 3[C] | Supply & fixing the Patch cord 1 mtr. Long (factory built) .-When supplying , then first ask to BM / Consultant / Architect / Bank Authority. | | | | |
| 3[D] | Supply & fixing the Patch cord 2 mtr. Long (factory built) .-When supplying , then first ask to BM / Consultant / Architect / Bank Authority. | | | | |

BOQ OF ELECTRICAL ALLIED WORK FOR PROPOSED REDESIGN OF STATE BANK OF INDIA, AT LODHIKA BRANCH

| Sr. No. | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| 4 | Supply, installation, testing and commissioning of 9U metal rack for computer clamping switch etc complete with Tray Mounting Fan + power supply board. Bank's hardware - port switch / patch panel must be installed by ele. Contractor in this rack. | | | | |
| 4[a] | Testing of existing 24 port Cat - 6 patch panel of 'D' Link make complete as directed. | | | | |
| 4[b] | Reinstallation & Testing of existing 24 port unmanaged 10/100 mbh switch of 'D' Link Make complete as directed. | | | | |
| 5 | SITC of CABLE TV RG - 6 cable line in PVC Conduit pipe with proper fixing and connecting with modular Co-Axial TV Socket | | | | |
| 6(A) | Supply and installation of 300 x 300 x 40 mm size GI box duly fabricated from 18 SWG m.s. sheet with top cover of same sheet complete with necessary knock outs at all the sides of box for conduit entries duly fixed in floor, including breaking in floor and re-finished the same etc. complete (Wire Draw Box). | | | | |
| 6(B) | Supply and installation of 150 x 150 x 40 mm size GI box duly fabricated from 18 SWG m.s. sheet with top cover of same sheet complete with necessary knock outs at all the sides of box for conduit entries duly fixed in floor, including breaking in floor and re-finished the same etc. complete (Wire Draw Box). | | | | |
| 7 | Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T ,SEIMENS,THEBEN (indoasian) Make. All enclosed in sheet steel <u>powder coated enclosure of 300 X 200 mm</u> complete with all necessary termination for system room A.C & E lobby AC. <u>Here Ready made Cyclic Timer Will not be permitted.</u> | | | | |
| 8 | Supply and installation of 1.5 sq. mm. 3 core flexible cable of approved make (4 mtr. Length) with M. S. flexible pipe & 15 amp. 3 pin top of approved make for the supply of locker room. | | | | |
| 8[a] | Supply & laying of the empty conduit | | | | |
| 9 | Laisioning work (addition Load) PGVCL Apporoval and Neccessary certificate. | | | | |

BOQ OF ELECTRICAL ALLIED WORK FOR PROPOSED REDESIGN OF STATE BANK OF INDIA, AT LODHIKA BRANCH

| Sr. No. | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| 10 | Removing old wiring in area which will be redesigned & Providing Necessary plug points & light points for tube lights (including necessary wiring) at various locations as required by various contractors for execution of various works / to run equipments such as drill / cutter etc. during the entire execution process. The accessories used for this purpose shall be of temp. nature (anchor piano or eq.) & the contractor has to take back the same on completion of the project. The supply for this shall be taken from the temporary connection provided at / from nearby general meter under co.ordination with the LANDLORD. & also providing temporary power supply for computers and data connection for computers with wiring, switchboard, Comp. I/O Points, etc. for smoothly running of the branch with removing & reshifting of the computers, printers, etc. bank hardware accessories. | | | | |
| | | | | | |
| [H] | PUBLIC ADDRESS SYSTEM | | | | |
| | | | | | |
| 1 | Supply, installation, testing and commissioning of the following items with necessary M.S iron frame/enclosure as necessary as per specification including cutting necessary chases in wall/floor and mending good damages, supply and fixing of all accessories, G.I bolts, nuts, washers, etc painting, earthing complete as required with other details as per enclosed specification. AHUJA Make. | | | | |
| | | | | | |
| i) | 75 Watt PA system with control desk comprising 1 nos. of microphone with press to talk switch and stand (Ahuja Make PRO-3200) , selector switch, mixing amplifier 75 watt(AHUJA Make DPA 770), Digital player: MP3 player with USB Reader & Remote control cables with sockets, interconnections, earthing complete as required. Make: Ahuja/Boss (This need to Install in BM Chamber in Low height Partition Behind BM and Mike need to place near BM seat.) | | | | |
| | | | | | |
| | | | | | |
| ii) | External speaker 8 watt unit (AHUJA MAKE: CSX- 5081 T) in finished enclosure suitable for wall/ceiling mounting with external colour matching as per the final finish of the room wall/ceiling as required and having the following ratings.including Providing and laying Speaker wiring 2 nos x 1.0 Sqmm Copper wiring in rigid PVC conduit for Speaker. Including installation testing and commissioning of speaker Wiring from PA system Amplifier (4 pionts in one circuit) Make:Ahuja/Boss (6" dia speaker). | | | | |
| | | | | | |
| | GRAND TOTAL | | | | |
| | - | | | | |
| | Net Tender Amount in words : Rupees'..... | | | | |
| 1 | ALL RATES SHOULD BE INCLUDE OF ALL TAXES [EXCLUDING GST] GST Will be paid extra as per Applicable Norms | | | | |

BOQ OF ELECTRICAL ALLIED WORK FOR PROPOSED REDESIGN OF STATE BANK OF INDIA, AT LODHIKA BRANCH

| Sr. No. | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| 2 | THE CONTRACTOR SHOULD DEPUTE ONE PERSON AT SITE FROM START OF WORK TO FINISH FOR GIVING TEMPORARY CONNECTIONS & ATTENDING PROBLEMS | | | | |
| 3 | THE CONTRACTOR SHOULD WORK ACCORDING TO THE FINAL LAYOUT. | | | | |
| 4 | <u>IF THE CONTRACTOR HAS NOT CARRIED OUT ELECTRICAL WORK AS PER STANDARD SPECIFICATION THEN CONTRACTOR IS LIABLE TO REMOVE AND REWORK AS PER STANDARD SPECIFICATION AND WHATEVER THE DAMAGE IN CONNECTION WITH CIVIL/ FURNITURE/ AC WORK WILL BE BEAR BY CONTRACTOR. IF CONTRACTOR WILL NOT DONE REWORK THEN WHATEVER BEEN THE COST FOR REWORK WILL BE DEDUCTED FROM CONTRACTOR'S BILL.</u> | | | | |
| 5 | THE CONTRACTOR'S PRESENCE MUST BE COMPULSORY FOR SHIFTING / INSTALLING OF UPS , DATA RACK, EPABX SYSTEMS. - MUST HELP TO BANK'S VENDORS LIKE PCS (HARDWARE) UPS , DATACRAFT (PORT SWITCH - SOFTWARE), ETC. | | | | |