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## BOQ FOR ELECTRICAL WORKS IN BRANCH PREMISES AT:

S. DESCRIPTION OF ITEM  NO.  A BUY-BACK OF OLD ITEMS  Obsporing all oid electrical items like Distribution Boards, Panel Boards, Switchgears, Light fittings, fans etc. as permitted by the BM and as per project plan. (Minimum cost of items - Rs., 10,000,000).  The item includes dismantalling & re-arranging the existing items till the end of the project as per the project plan.  NOTE: Tenders with buyback amount quoted less than our prescribed minimum coost of items shall be rejected  B ELECTRICAL WORKS  1.3. MAIN PANELS / DBs:  STC sheet metal fabricated & powder coated Double Door Type MCB Distribution Boards (surface/flush mounted). DBs shall have MCB/MCCB as incomer, RCC as sub-incomer & SP/DP/TP MCB as outgoing, complete with Per Phase bolation. All MCS is of BC characteristics (8) type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCR's, RCB's, RCB's, RCB's, hould be of 100mA sensitivity. The DB shall have appropriate no. of top & bottom knock outs for outgoing circuits & shall be complete with thereasys bus has, interconnecting terminals & earth studs. All terminations in DB shall be complete with feruing, densing with logs & all circuits shall be properly labeled with PVC strip (sticker type) having identification as per the final approval of the Bask / Larchiter. / Consulted with PVC strip (sticker type) having identification as per the final approval of the Bask / Larchiter. / Larchiter		BOQ FOR ELECTRICAL WORKS IN BRANCH PREMISES AT:						
A BUY-BACK OF OLD ITEMS    Disposing all old electrical items like Distribution Boards, Panel Boards, Switchgears, Light fittings, fans etc. as permitted by the BM and as per project plan. (Minimum cost of items - Rs. 10,000.00).    The item includes dismantalling & re-arranging the existing items till the end of the project as per the project plan.		MOHDURA BRANCH, DIST. BHANDARA						
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1.3. MAIN PANELS / DBs;  STIC sheet metal fabricated & powder coated Double Door Type MCB Distribution Boards (surface/flush mounted). DBs shall have MCB/MCCB as incomer, RCCB as sub-incomer & SP/DP/TP MCB as outgoing, complete with Per Phase Isolation. All MCBs of B/C characteristics (B type for Light and Fan Load and C type for rest of the load) and 10 KA breaking capacity. The ELGS, RCCBs, RCBO's should be of 100mA 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 recessing with lugs & all circuits shall be properly labeled with PVC strip (sticker type) having identification as per the final approval of the Rank / Architect / Consultant.  1.3.1. YTPN DB1 - Main DB  1) 4 way YTPN - MCCB DB,  1) 4 way YTPN - MCCB DB,  1) 4 way YTPN - MCCB DB,  1) 5 / S / S / S / S / S / S / S / S / S /	D	ELECTRICAL WORKS						
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Surface/flush mounted). DBs shall have McB/MCCB as incomer, RCCB as sub-incomer a SP/DP/TP MCB as outgoing, complete with Per Phase Isolation. All MCBs of B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCBs, RCCBs, RCBDs should be of 100mA sensitivity. The DB shall have appropriate no. of top & bottom knock outs for outgoing circuits & shall be complete with necessary bus Dars, 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 Bank / Architect / Consultant.  1.3.1. VTPN DB1 - Main DB  1) 4 way YTPN - MCCB DB,  (i) 415V 63Amp, TPN, MCCB (16 KA breaking capacity)  (ii) 63 A - TP MCB outgoing (LDB, AC & PDB)  (iv) 25/32 A - SP MCB outgoing (BDB, AC & PDB)  (iv) 25/32 A - SP MCB outgoing (Branch UPS Input, Inverter Input, Glow Sign Board, Spare Feeders)  Nos. 1.00  2) DISTRIBUTION BOARDS  SITC sheet metal fabricated & powder coated Double Door Type MCB Distribution Boards (surface/flush mounted). DBs shall have McB/MCCB as incomer, RCCB as sub-incomer & SP/DP/TP MCB as outgoing, complete with Per Phase Isolation, All MCBs of BC Characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCBs, RCCBs, RCBOs should be of 100mA 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 necessary bus bars, interconnecting terminals & earth studs. All terminations in DB shall be complete with necessary bus bars, interconnecting terminals & earth studs. All terminations in DB shall be complete with necessary bus bars, interconnecting terminals & earth studs. All terminations in DB shall be complete with necessary bus bars, interconnecting term	1.3.							
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and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCE's, RCCB's, RCBO's should be of 100mA 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 Bank / Architect / Consultant.  1.3.1. VTPN DB1 - Main DB  1) 4 way VTPN - McCB DB, Nos. 1.00  ii) 415V 63Amp. TPN, McCB (16 KA breaking capacity) Nos. 1.00  iii) 613 A - TP MCB outgoing (LDB, AC & PDB) Nos. 1.00  iv) 25/32 A - SP MCB outgoing (Branch UPS Input, Inverter Input, Glow Sign Board, Spare Feeders) Nos. 4.00  v) Blanking plates Nos. 5.00  2 DISTRIBUTION BOARDS  SITC sheet metal fabricated & powder coated Double Door Type MCB Distribution Boards (surface/flush mounted). DB's shall have MCB/MCB as incomer, RCCB as sub-incomer & SP/DP/TP MCB as outgoing, complete with Per Phase Isolation. All MCBs of B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB's, RCGB's, RCBO's should be of 100mA 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 feruiting, dressing with lugs & all circuits shall be properly labeled with PVC strip (sticker type) having identification as per the final approval of the Bank / Architect / Consultant.  2.a SITC LightTinot, AC & Power DB  i) 6 way TRN - MCB DB, Nos. 1.00  iii) 25 A - DP 30mA RCCB, as sub-incomer  Nos. 1.00  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  Nos. 1.00  iii) 40 A - LP MCB as incomer  iii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer								
should be of 100mA 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 Bank / Architect / Consultant.  1.3.1. VTPN DB1 - Main DB  1) 4 way VTPN - MCCB DB, 1) 4 way VTPN - MCCB DB, 1) 4 way VTPN - MCCB Outgoing (LDB, AC & PDB) 1) 25/32 - SP MCB outgoing (LDB, AC & PDB) 1) 25/32 - SP MCB outgoing (LDB, AC & PDB) 1) 25/32 - SP MCB outgoing (Branch UPS Input, Inverter Input, Glow Sign Board, Spare Feeders) 10.00 10.10 1								
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 Bank / Architert / Consultant.  1.3.1. VTPN DB1 - Main DB  1) 4 way VTPN - MCCB DB, 1) 4 way VTPN - MCCB DB, 1) 14 way VTPN - MCCB DB, 25/32 A - SP MCB outgoing (LDB, AC & PDB) 1) 25/32 A - SP MCB outgoing (Branch UPS Input, Inverter Input, Glow Sign Board, Spare Feeders) 100  2 DISTRIBUTION BOARDS  SITC sheet metal fabricated & powder coated Double Door Type MCB Distribution Boards (surface/flush mounted). DBs shall have MCB/MCCB as incomer, RCCB as sub-incomer & SP/DP/TP MCB as outgoing, complete with Per Phase Isolation. All MCBs of B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCBs, RCCBs, RCBO's should be of 100mA sensitivity. The DB shall have appropriate no. of top & bottom knock outs for outgoing circuits & shall be complete with recessary 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB 1) 6 way TPN - MCB, as incomer 10) 40 A - FP MCB, as incomer 10) 6-32 A - SP MCB outgoing (6A for LBF Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0 10) 6-32 A - SP MCB outgoing (6A for LBF Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0 10) 6 way SPN - MCB DB, 1) 7 was SPN - MCB DB, 1) 8 way SPN - MCB DB, 1) 9 way SPN - MCB DB, 1) 9 way SPN - MCB DB, 1) 100 1) 100 way SPN - MCB DB, 1) 100 way SPN - MCB D								
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 Bank / Architect / Consultant.  1.3.1. VTPN DB1 - Main DB  i) 4 way YFNP - MCCB DB, ii) 415V 63Amp. TPN, MCCB (16 KA breaking capacity) iii) 63 A - TP MCB outgoing (LDB, AC & PDB) iv) 25/32 A - SP MCB outgoing (Branch UPS Input, Inverter Input, Glow Sign Board, Spare Feeders) v) 25/32 A - SP MCB outgoing (Branch UPS Input, Inverter Input, Glow Sign Board, Spare Feeders) v) Blanking plates  DISTRIBUTION BOARDS  SITC sheet metal fabricated & powder coated Double Door Type MCB Distribution Boards (surface/flush mounted). DBs shall have MCB/MCCB as incomer, RCCB as sub-incomer & SP/DP/TP MCB as outgoing, complete with Per Phase Isolation. All MCBs of B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB's, RCCB's, RCBO's should be of 100mA 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 Bank / Architect / Consultant.  2.a. SITC LIGHTING, AC & Power DB ii) 6 way TPN - MCB DB, ii) 6 way TPN - MCB DB, iii) 40 A - PP MCB, as incomer iii) 40 A - PP MCB, as incomer iii) 40 A - DP MCB as incomer		· · · · · · · · · · · · · · · · · · ·						
property labeled with PVC strip (sticker type) having identification as per the final approval of the Bank / Architect / Consultant.  1.3.1. YTPN D81 - Main D8  i) 4 way YTPN - MCCB DB, Nos. 1.00  ii) 415V 63Amp. TPN, MCCB (16 KA breaking capacity)  iii) 63 A - TP MCB outgoing (LDB, AC & PDB)  iv) 25/32 A - SP MCB outgoing (Branch UPS Input, Inverter Input, Glow Sign Board, Spare Feeders)  Nos. 1.00  v) Blanking plates  Nos. 5.00  2 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 B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB's, RCCBO's should be of 100mA 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB, Nos. 1.00  iii) 25 A - DP 30mA RCCB, as sub-incomer  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  7.0 Nos. 1.00  10 A - PP MCB as incomer  Nos. 1.00  10 A - DP MCB as incomer  Nos. 1.00  Nos. 1.00  ii) 40 A - DP MCB as incomer  Nos. 1.00  Nos. 1.00								
Sank / Architect / Consultant		, , , , , , , , , , , , , , , , , , , ,						
1.3.1. VTPN DB1 - Main DB 1) 4 way VTPN - MCCB DB, 10) 4 way VTPN - MCCB (16 KA breaking capacity) 10) 4 way VTPN - MCCB (16 KA breaking capacity) 10) 8 Nos. 1.00 10) 10) 25/32 A - SP MCB outgoing (LDB, AC & PDB) 10) 25/32 A - SP MCB outgoing (Branch UPS Input, Inverter Input, Glow Sign Board, Spare Feeders) 10) Nos. 4.00 10) 10) 11/10 Nos. 1.00 11/10 Nos. 5.00 12 DISTRIBUTION BOARDS 15TC 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 B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB, RCCB's, RCBO's should be of 100mA 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB 1) 6 way TPN - MCB DB, 1) 6 way TPN - MCB DB, Nos. 1.00 10) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0 10) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0 10) 6-32 A - SP MCB DB, Nos. 1.00 11) 6-40 A - DP MCB as incomer Nos. 1.00 11) 6-40 A - DP MCB as incomer Nos. 1.00 11) 6-40 A - DP MCB as incomer Nos. 1.00 11) 6-40 A - DP MCB as incomer Nos. 1.00 11) 6-40 A - DP MCB as incomer								
1) 4 way VTPN - MCCB DB, 10) 415V 63Amp. TPN, MCCB (16 KA breaking capacity) 10) 415V 63Amp. TPN, MCCB (16 KA breaking capacity) 10) 25/32 A - SP MCB outgoing (LDB, AC & PDB) 10) 25/32 A - SP MCB outgoing (Branch UPS Imput, Inverter Imput, Glow Sign Board, Spare Feeders) 10) Nos. 4.00 11) 8 Blanking plates 12 DISTRIBUTION BOARDS 13 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 B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB's, RCCB's, RCBO's should be of 100mA sensitivity. The DB shall have appropriate no. of top & bottom knock outs for outgoing circuits & shall be complete with recessary 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB 10) 6 way TPN - MCB DB, 11) 6 way TPN - MCB DB, 12) Nos. 1.00 11) 12 SA - DP MCB as incomer 10) Nos. 1.00 11) 15 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0 11) 10 Nos. 1.00 11) 10 A - DP MCB as incomer 11) 6 way SPN - MCB DB, 12) Nos. 1.00 13) 10 A - DP MCB as incomer 14) Nos. 1.00 15) 10 A - DP MCB as incomer 15) 10 A - DP MCB as incomer 16) 40 A - DP MCB as incomer 17) Nos. 1.00	1 3 1							
iii) 415V 63Amp. TPN, MCCB (16 KA breaking capacity)  Nos. 1.00  Nos. 1.00  Nos. 1.00  Nos. 1.00  V) 2572A - 5P MCB outgoing (BDB, AC & PDB)  Nos. 4.00  V) Blanking plates  Nos. 5.00  Z DISTRIBUTION BOARDS  SITC sheet metal fabricated & powder coated Double Door Type MCB Distribution Boards (surface/flush mounted). DBs shall have MCB/MCCB as incomer, RCCB as sub-incomer & By/DP/TP MCB as outgoing, complete with Per Phase Isolation. All MCBs of B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB's, RCCB's, RCBO's should be of 100mA 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  1) 6 way TPN - MCB DB,  1) 6 way TPN - MCB DB,  Nos. 1.00  iii) 40 A - FP MCB, as incomer  Nos. 3.00  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  10 On MCB as incomer  Nos. 1.00  ii) 40 A - DP MCB as incomer  Nos. 1.00  ii) 40 A - DP MCB as incomer  Nos. 1.00  Nos. 1.00  Nos. 1.00			Nos	1 00				
iii) 63 A - TP MCB outgoing (LDB, AC & PDB)  iv) 25/32 A - SP MCB outgoing (Branch UPS Input, Inverter Input, Glow Sign Board, Spare Feeders)  v) Blanking plates  Nos. 4.00  2 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 B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCBs, RCCB's, RCBO's should be of 100mA 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB,  ii) 40 A - FP MCB, as incomer  Nos. 1.00  iii) 25 A - DP 30mA RCCB, as sub-incomer  Nos. 3.00  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB,  Nos. 1.00  ii) 40 A - DP MCB as incomer  Nos. 1.00  ii) 40 A - DP MCB as incomer								
iv) 25/32 A - SP MCB outgoing (Branch UPS Input, Inverter Input, Glow Sign Board, Spare Feeders)  Nos. 4.00  V) Blanking plates  Nos. 5.00  2 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 B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB's, RCCB's, RCBO's should be of 100mA 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB,  ii) 40 A - FP MCB, as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer  Nos. 1.00  ii) 40 A - DP MCB as incomer  Nos. 1.00  ii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer								
v) Blanking plates  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 B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB's, RCCB's, RCCB's should be of 100mA 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB, as incomer  Nos. 1.00  ii) 40 A - FP MCB, as incomer  Nos. 1.00  iii) 40 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  7 Nos. 1.00  2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB,  Nos. 1.00  ii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer			_					
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 B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB's, RCCB's, RCBO's should be of 100mA 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB,  ii) 40 A - FP MCB, as incomer  Nos. 1.00  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB,  ii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP 100mA RCCB, as sub-incomer								
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 B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB's, RCCB's, RCBO's should be of 100mA 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB,  ii) 40 A - FP MCB, as incomer  Nos. 1.00  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB,  ii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP 100mA RCCB, as sub-incomer	Í	•						
(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 B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB's, RCCB's, RCBO's should be of 100mA 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB, Nos. 1.00 ii) 40 A - FP MCB, as incomer Nos. 3.00 iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0 Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB i) 6 way SPN - MCB DB, Nos. 1.00 ii) 40 A - DP MCB as incomer Nos. 1.00 iii) 40 A - DP MCB as incomer Nos. 1.00 iii) 40 A - DP 100mA RCCB, as sub-incomer	2	DISTRIBUTION BOARDS						
MCB as outgoing, complete with Per Phase Isolation. All MCBs of B/C characteristics (B type for Light and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB's, RCCB's, RCBO's should be of 100mA 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB,  ii) 40 A - FP MCB, as incomer  iii) 25 A - DP 30mA RCCB, as sub-incomer  Nos. 1.00  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  iv) 6-32 A - SP MCB DB,  Nos. 1.00  2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB,  ii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer		SITC sheet metal fabricated & powder coated Double Door Type MCB Distribution Boards						
and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB's, RCCB's, RCBO's should be of 100mA 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB,  ii) 40 A - FP MCB, as incomer  iii) 25 A - DP 30mA RCCB, as sub-incomer  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB,  ii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer		(surface/flush mounted). DB's shall have MCB/MCCB as incomer, RCCB as sub-incomer & SP/DP/TP						
should be of 100mA 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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB,  ii) 40 A - FP MCB, as incomer  iii) 25 A - DP 30mA RCCB, as sub-incomer  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB,  ii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer  Nos. 1.00		MCB as outgoing, complete with Per Phase Isolation. All MCBs of B/C characteristics (B type for Light						
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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB,  Nos. 1.00  iii) 40 A - FP MCB, as incomer  Nos. 1.00  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB,  Nos. 1.00  ii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as incomer  Nos. 1.00		and Fan load and C type for rest of the load) and 10 KA breaking capacity. The ELCB's, RCCB's, RCBO's						
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 Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB,  ii) 40 A - FP MCB, as incomer  iii) 25 A - DP 30mA RCCB, as sub-incomer  iii) 25 A - DP 30mA RCCB, as sub-incomer  Nos. 1.00  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB,  Nos. 1.00  ii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP MCB as sub-incomer  Nos. 1.00		should be of 100mA sensitivity. The DB shall have appropriate no. of top & bottom knock outs for						
properly labeled with PVC strip (sticker type) having identification as per the final approval of the Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB, Nos. 1.00  ii) 40 A - FP MCB, as incomer Nos. 1.00  iii) 25 A - DP 30mA RCCB, as sub-incomer Nos. 3.00  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB, Nos. 1.00  ii) 40 A - DP MCB as incomer Nos. 1.00  iii) 40 A - DP 100mA RCCB, as sub-incomer Nos. 1.00		outgoing circuits & shall be complete with necessary bus bars, interconnecting terminals & earth						
Bank / Architect / Consultant.  2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB, Nos. 1.00  ii) 40 A - FP MCB, as incomer Nos. 1.00  iii) 25 A - DP 30mA RCCB, as sub-incomer Nos. 3.00  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0  Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB, Nos. 1.00  ii) 40 A - DP MCB as incomer Nos. 1.00  iii) 40 A - DP 100mA RCCB, as sub-incomer Nos. 1.00		studs. All terminations in DB shall be complete with feruling, dressing with lugs & all circuits shall be						
2.a SITC LIGHTING, AC & Power DB  i) 6 way TPN - MCB DB, Nos. 1.00  ii) 40 A - FP MCB, as incomer Nos. 1.00  iii) 25 A - DP 30mA RCCB, as sub-incomer Nos. 3.00  iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0 Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB, Nos. 1.00  ii) 40 A - DP MCB as incomer Nos. 1.00  iii) 40 A - DP 100mA RCCB, as sub-incomer Nos. 1.00		properly labeled with PVC strip (sticker type) having identification as per the final approval of the						
i) 6 way TPN - MCB DB, Nos. 1.00 ii) 40 A - FP MCB, as incomer Nos. 1.00 iii) 25 A - DP 30mA RCCB, as sub-incomer Nos. 3.00 iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0 Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB i) 6 way SPN - MCB DB, Nos. 1.00 ii) 40 A - DP MCB as incomer Nos. 1.00 iii) 40 A - DP 100mA RCCB, as sub-incomer Nos. 1.00								
ii) 40 A - FP MCB, as incomer       Nos.       1.00         iii) 25 A - DP 30mA RCCB, as sub-incomer       Nos.       3.00         iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0       Nos.       12.00         Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)       2.c SITC Branch UPS Sub Main DB       Nos.       1.00         i) 6 way SPN - MCB DB,       Nos.       1.00         ii) 40 A - DP MCB as incomer       Nos.       1.00         iii) 40 A - DP 100mA RCCB, as sub-incomer       Nos.       1.00				,				
iii) 25 A - DP 30mA RCCB, as sub-incomer       Nos. 3.00         iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0 Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)       Nos. 12.00         2.c SITC Branch UPS Sub Main DB       Nos. 1.00         i) 6 way SPN - MCB DB,       Nos. 1.00         ii) 40 A - DP MCB as incomer       Nos. 1.00         iii) 40 A - DP 100mA RCCB, as sub-incomer       Nos. 1.00								
iv) 6-32 A - SP MCB outgoing (6A for L&F Points, 10 A for Sockets, 16A for Power Points, 20A for 1.0 Nos. 12.00 Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB i) 6 way SPN - MCB DB, Nos. 1.00 ii) 40 A - DP MCB as incomer Nos. 1.00 iii) 40 A - DP 100mA RCCB, as sub-incomer Nos. 1.00								
Ton AC, 25A for 1.5 Ton AC & 32A for 2.0 Ton AC)  2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB,  ii) 40 A - DP MCB as incomer  Nos. 1.00  iii) 40 A - DP 100mA RCCB, as sub-incomer  Nos. 1.00								
2.c SITC Branch UPS Sub Main DB  i) 6 way SPN - MCB DB, Nos. 1.00  ii) 40 A - DP MCB as incomer Nos. 1.00  iii) 40 A - DP 100mA RCCB, as sub-incomer Nos. 1.00	10)		NOS.	12.00				
i) 6 way SPN - MCB DB,       Nos.       1.00         ii) 40 A - DP MCB as incomer       Nos.       1.00         iii) 40 A - DP 100mA RCCB, as sub-incomer       Nos.       1.00		ION AC, ZDA TOF 1.5 ION AC & 3ZA TOF Z.U ION AC)						
i) 6 way SPN - MCB DB,       Nos.       1.00         ii) 40 A - DP MCB as incomer       Nos.       1.00         iii) 40 A - DP 100mA RCCB, as sub-incomer       Nos.       1.00	2 -	SITC Branch LIPS Sub Main DR						
ii) 40 A - DP MCB as incomer       Nos.       1.00         iii) 40 A - DP 100mA RCCB, as sub-incomer       Nos.       1.00			Nos	1 00				
iii) 40 A - DP 100mA RCCB, as sub-incomer Nos. 1.00								
			Nos.	2.00				

2.d SITC Branch UPS Output DB 1 (Essential Load)			
i) 8 way SPN - MCB DB,	Nos.	1.00	
ii) 32 A - DP MCB as incomer	Nos.	1.00	
iii) 6/10/16 A - SP MCB outgoing, 1 Point for CCTV, 1 Point for Data Network rack, 1 Point for Fire	Nos.	6.00	
Alarm System, 1 Point for Security alarm system & 1 No. Spare Feeder			
2.e SITC Branch UPS Output DB 2 (Non - Essential Load)			
i) 8 way SPN - MCB DB,	Nos.	1.00	
ii) 32 A - DP MCB as incomer	Nos.	1.00	
iii) 6/10/16 A - SP MCB outgoing, for Computer Power Points on Tables, Counters and Work Stations.	Nos.	6.00	
,	1,00,	5,55	
2.f SITC INVERTER Lighting DB			
	Nas	1.00	
i) 8 way SPN - MCB DB,	Nos.	1.00	
ii) 25 A - DP MCB as incomer	Nos.	1.00	
iii) 25 A - DP 30mA RCCB, as sub-incomer	Nos.	1.00	
iv) 6/10A - SP MCB outgoing	Nos.	8.00	
a usp poves			
3 MCB BOXES			
3.a. SITC 2 way - MCB with Box,			
for switching OFF Non-Essential Branch UPS output & Inverter Lighting Output (TO BE			
LOCATED NEAR THE ENTRANCE OF BRANCH NEXT TO VTPN DBs)			
i) Sheet steel Enclosure Box for DP MCB	Nos.	2.00	
ii) 32/20 A - DP MCB	Nos.	2.00	
3.b. SITC 2 way - MCB with Box, for Branch UPS Input & Output, for Inverter input & output & Glow			
Sign Board			
i) Sheet steel Enclosure Box for DP MCB	Nos.	5.00	
ii) 32/25/20 A - DP MCB	Nos.	5.00	
4 AC POINTS - To be drawn from RAW POWER & AC DB (S.No. 2.b) & 2 points for 1.0T ACs from ATM L&AC			
DB (2.h)			
4.a Supplying & Installing 20 A Power Socket points complete with MS concealed box, 20A Modular	Nos.	2.00	
Socket, and 20/25A SPMCB with necessary screws, nylon plug, Saddles, hardware etc. The point cost			
must be inclusive of 2x4.0 Sq.mm. + 1x2.5 Sq. mm. PVC insulated FRLS Multistrand copper Conductor			
wires concealed inside 25mm/20 mm PVC conduit. (For High Wall Split AC 1.0T & 1.5T Units)			
mes contected inside 25 min 110 contents (10 mg/max spin Ac not a 157 cmes)			
NOTE: Provision should be made in the point wiring for insertion and installation of AC stabilizers			
with proper terminations using lugs and sealants. The wiring from AC DB to stabilizers and from			
stabilizers to the actual end point must be concealed in PVC Conduits of appropriate dia.			
4.b Supplying & Installing 20 A Power Socket points complete with MS concealed box, 20A Modular	Nos.	1.00	
Socket, and 32A SPMCB with necessary screws, nylon plug, Saddles, hardware etc. The point cost			
must be inclusive of 2x6.0 Sq.mm. + 1x4.0 Sq. mm. PVC insulated FRLS Multistrand copper Conductor			
wires concealed inside 25mm/20 mm PVC conduit. (For High Wall Split AC 2.0T Units)			
Wiles confedered inside 25 min 170 confeder. (10 mg/ wat spin Ac 2.57 om/s)			
NOTE: Provision should be made in the point wiring for insertion and installation of AC stabilizers			
with proper terminations using lugs and sealants. The wiring from AC DB to stabilizers and from			
stabilizers to the actual end point must be concealed in PVC Conduits of appropriate dia.			
stabilizers to the actual that point must be conteated in 1 ve contains of appropriate and			
6 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 rate is inclusive of termination charges			
6.1 Aluminium Armoured Cables	D 4	10.00	
4 C x 35 Sq.mm Aluminium AYFY Armoured Cables,	Rmt	10.00	
1. From Energy Meter to VTPN DB1 (S.No. 1.3.1.)			
6.2 Coppor Flovible Cables			
6.2 Copper Flexible Cables	<u> </u>		

(2) 20 40 0 0 1 ( 5) 11 0 11 0 50 50 50 11 11 11 11			
6.2.a. 2C x 4 Sq.mm. Copper Conductor Flexible Cable + 2.5 Sq. mm. PVC Insulated Multistrand Copper	Rmt	40.00	
Conductor wire for earth,			
1. From VTPN DB1 (S.No. 1.3.1.) to Inverter Input MCB Box (S.No. 3.b.)			
2. From Inverter Input MCB Box (S.No. 3.b.) to inverter			
3. From Inverter to inverter output MC Box (S.No. 3.b.)			
4. From VTPN DB1 (S.No. 1.3.1.) to GSB MCB Box (S.No. 3.b)			
5. From GSB MCB Box (S.No. 3.b) to Glow Sign Board			
6. From Branch UPS Sub Main DB SP MCB1 & Neutral (S.No. 2.c.iv) to Input side of DP MB Incomer of			
Branch UPS Output DBs 1 (S.No. 2.d.ii)			
6.2.b. 2C x 6 Sq.mm. Copper Conductor Flexible Cable + 4.0 Sq. mm. PVC Insulated Multistrand Copper	Rmt	50.00	
Conductor wire for earth,			
1. From VTPN DB1 (S.No. 1.3.1.) to Branch UPS Input MCB Box (S.No. 3.b.)			
2. From Branch UPS MCB Box (S.No. 3.b.) to Branch UPS			
3. From Branch UPS to Branch UPS Output MCB Box (S.No. 3.b.)			
4. From Branch UPS Output MCB Box SPMCB1 (S.No. 3.b.) to Branch UPS Sub Main DB (S.No. 2.c.)			
5. From Branch UPS Sub Main DB SPMCB2 & neutral (S.No. 2.c.iv) to MCB Box (S.No. 3.a) at entrance 6. From MCB Box at entrance (S.No.3.a) to Input side of DP MB Incomer of Branch UPS Output DB 2 (S.No.	10		
2.e.ii)	0.		
6.2.e. 4C x 10 Sq.mm. Copper Conductor Flexible Cable + 6.0 Sq. mm. PVC Insulated Multistrand Copper	Rmt	15.00	
Conductor wire for earth,	Kille	13.00	
1. From VTPN DB to Raw Power & AC DB (S.No. 2.b)			
6.2.f. 3C x 2.5 Sq.mm. Copper Conductor flexible cable,	Rmt	30.00	
1. From inverter output MCB Box (S.No. 3.b.) to MCB Box (S.No. 3.a) at entrance	Kint	30.00	
2. From MCB Box (S.No. 3.a) at entrance to Input side of DP MCB Incomer of inverter lighting DB (S.No.	No		
2. From MCB Box (3.No. 3.a) at entrance to input side of DF MCB incomer of inverter fighting DB (3.F			
2.().11)			
7 POINT WIRINGS			
	···te		
Complete job shall include cutting chiseling in walls, floor and making good of all chases / c	1 1		
etc. with combination of cement-mortar, including painiting with type and shade of existing wa	aii.		
The work shall be completed to the satisfaction of Bank.			
NO CABLE / WIRE / CONDUIT SHALL BE VISIBLE IN THE BRANCH HALL / CUSTOMER LOBBY / STA	AFF		
WORKING AREA, (No seperate measurements for circuit wiring & PVC Conduits)	_		
Complete job shall include cutting chiseling in walls, floor and making good of all chases / c			
etc. with combination of cement-mortar, including painiting with type and shade of existing wa	all.		
The work shall be completed to the satisfaction of Bank.			
NO CABLE / WIRE / CONDUIT SHALL BE VISIBLE IN THE BRANCH HALL / CUSTOMER LOBBY / STA	AFF		
WORKING AREA.			
T / USC D / /			
7.1. UPS Points			
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU	JGH		<b>I</b>
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE			
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)	No	6.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE	No	6.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)  Note For Computer Points in Counters and Tables and for points for Printers etc., to be power through Branch UPS Output DB 2 (S.No. 2.e)	No red	6.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)  Note For Computer Points in Counters and Tables and for points for Printers etc., to be power	No red	6.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)  Note For Computer Points in Counters and Tables and for points for Printers etc., to be power through Branch UPS Output DB 2 (S.No. 2.e)	No red for	6.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)  Note For Computer Points in Counters and Tables and for points for Printers etc., to be power through Branch UPS Output DB 2 (S.No. 2.e)  Supplying & Installing Primary UPS or Stabilized Power points on workstations / tables	No red for ade	6.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)  Note For Computer Points in Counters and Tables and for points for Printers etc., to be power through Branch UPS Output DB 2 (S.No. 2.e)  Supplying & Installing Primary UPS or Stabilized Power points on workstations / tables computers using using 2x2.5 Sq.mm. + 1x1.5 Sq. mm. PVC insulated multistanded FRLS Gra	No red for ade alse	6.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)  Note For Computer Points in Counters and Tables and for points for Printers etc., to be power through Branch UPS Output DB 2 (S.No. 2.e)  Supplying & Installing Primary UPS or Stabilized Power points on workstations / tables computers using using 2x2.5 Sq.mm. + 1x1.5 Sq. mm. PVC insulated multistanded FRLS Graflexible copper wires through 25mm size MMS Grade PVC conduites, laid on surface above fa	No red for ade alse	6.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)  Note For Computer Points in Counters and Tables and for points for Printers etc., to be power through Branch UPS Output DB 2 (S.No. 2.e)  Supplying & Installing Primary UPS or Stabilized Power points on workstations / tables computers using using 2x2.5 Sq.mm. + 1x1.5 Sq. mm. PVC insulated multistanded FRLS Graflexible copper wires through 25mm size MMS Grade PVC conduites, laid on surface above faceiling and taken upto table top using 25/20 mm size MMS Grade PVC rigid or flexible conduits of the stable stable stable supplies the supplies of the supplie	for ade alse run	6.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)  For Computer Points in Counters and Tables and for points for Printers etc., to be power through Branch UPS Output DB 2 (S.No. 2.e)  Supplying & Installing Primary UPS or Stabilized Power points on workstations / tables computers using using 2x2.5 Sq.mm. + 1x1.5 Sq. mm. PVC insulated multistanded FRLS Graflexible copper wires through 25mm size MMS Grade PVC conduites, laid on surface above faceiling and taken upto table top using 25/20 mm size MMS Grade PVC rigid or flexible conduits within wooden or metal partitions.	for ade alse run	6.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)  Note For Computer Points in Counters and Tables and for points for Printers etc., to be power through Branch UPS Output DB 2 (S.No. 2.e)  Supplying & Installing Primary UPS or Stabilized Power points on workstations / tables computers using using 2x2.5 Sq.mm. + 1x1.5 Sq. mm. PVC insulated multistanded FRLS Graflexible copper wires through 25mm size MMS Grade PVC conduites, laid on surface above faceiling and taken upto table top using 25/20 mm size MMS Grade PVC rigid or flexible conduits within wooden or metal partitions.  Each point consisting of 2 Nos of 6A, 5 Pin Modular sockets and 1 No. of 16A, 6 pin sockets.	for ade alse run	6.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)  Note For Computer Points in Counters and Tables and for points for Printers etc., to be power through Branch UPS Output DB 2 (S.No. 2.e)  Supplying & Installing Primary UPS or Stabilized Power points on workstations / tables computers using using 2x2.5 Sq.mm. + 1x1.5 Sq. mm. PVC insulated multistanded FRLS Graflexible copper wires through 25mm size MMS Grade PVC conduites, laid on surface above faceiling and taken upto table top using 25/20 mm size MMS Grade PVC rigid or flexible conduits within wooden or metal partitions.  Each point consisting of 2 Nos of 6A, 5 Pin Modular sockets and 1 No. of 16A, 6 pin soci controlled by 1 No 20A Modular switch & Indicator lamp, wired together forming one point. Ea wire to be of Green colour only. Switch should be above table top & sockets with indicator should be above table	for ade alse run	6.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)  Note For Computer Points in Counters and Tables and for points for Printers etc., to be power through Branch UPS Output DB 2 (S.No. 2.e)  Supplying & Installing Primary UPS or Stabilized Power points on workstations / tables computers using using 2x2.5 Sq.mm. + 1x1.5 Sq. mm. PVC insulated multistanded FRLS Graflexible copper wires through 25mm size MMS Grade PVC conduites, laid on surface above faceiling and taken upto table top using 25/20 mm size MMS Grade PVC rigid or flexible conduits within wooden or metal partitions.  Each point consisting of 2 Nos of 6A, 5 Pin Modular sockets and 1 No. of 16A, 6 pin soci controlled by 1 No 20A Modular switch & Indicator lamp, wired together forming one point. Each	for ade alse run	6.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)  Note For Computer Points in Counters and Tables and for points for Printers etc., to be power through Branch UPS Output DB 2 (S.No. 2.e)  Supplying & Installing Primary UPS or Stabilized Power points on workstations / tables computers using using 2x2.5 Sq.mm. + 1x1.5 Sq. mm. PVC insulated multistanded FRLS Graflexible copper wires through 25mm size MMS Grade PVC conduites, laid on surface above faceiling and taken upto table top using 25/20 mm size MMS Grade PVC rigid or flexible conduits within wooden or metal partitions.  Each point consisting of 2 Nos of 6A, 5 Pin Modular sockets and 1 No. of 16A, 6 pin soci controlled by 1 No 20A Modular switch & Indicator lamp, wired together forming one point. Ea wire to be of Green colour only. Switch should be above table top & sockets with indicator should be above table	for ade alse run	4.00	
THE POINTS FOR ESSENTIAL LOADS AND NON-ESSENTIAL LOADS SHOULD BE POWERED THROU SEPARATE D.B.s AS MENTIONED BELOW. NO MIXING SHOULD BE DONE  7.1.a. Non-Essential UPS Power points (From 8/12 Way SPN DB)  Note For Computer Points in Counters and Tables and for points for Printers etc., to be power through Branch UPS Output DB 2 (S.No. 2.e)  Supplying & Installing Primary UPS or Stabilized Power points on workstations / tables computers using using 2x2.5 Sq.mm. + 1x1.5 Sq. mm. PVC insulated multistanded FRLS Graflexible copper wires through 25mm size MMS Grade PVC conduites, laid on surface above faceiling and taken upto table top using 25/20 mm size MMS Grade PVC rigid or flexible conduits within wooden or metal partitions.  Each point consisting of 2 Nos of 6A, 5 Pin Modular sockets and 1 No. of 16A, 6 pin soci controlled by 1 No 20A Modular switch & Indicator lamp, wired together forming one point. Ea wire to be of Green colour only. Switch should be above table top & sockets with indicator should be below table top.	for ade alse run sket arth buld		
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7 2	RAW POWER POINTS			
7.2.	POINTS' QUANTITY TO BE KEPT STRICTLY AS MENTIONED BELOW			
7 2 a	Primary Raw power points (To be drawn from RAW POWER & AC DB (S.No. 2.b))	No	1.00	
/ . z.a.	for Printers / Cash counting machine / Water cooler etc.	110	1.00	
	Supplying & Installing Primary 20 A Power Socket points using 2x4.0 Sq.mm. + 1x2.5 Sq.mm. PVC			
	insulated multistanded FRLS Grade flexible copper wires (with proper color code) pulled through			
	heavy gauge PVC conduits directly from Power & AC DB.			
	Each point consisting of 1 Nos of 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.			
7.2.b.	Secondary Raw power points (To be looped from Primary Raw Power Points (S.No.8.2.a.) - for	No	1.00	
	Counters & Tables & misc.			
	Supplying & Installing Primary 10/20 A Power Socket points using 2x2.5 Sq.mm. + 1x1.5 Sq.mm. PVC			
	insulated multistanded FRLS Grade flexible copper wires (with proper color code) pulled through			
	heavy gauge PVC conduits looped from Prima			
	Each point consisting of 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 1 Secondary Raw power point must be looped from the Primary Power Point. A combination of			
	only 1 primary point & 1 secondary point to be served by one circuit taken from Raw Power & AC DB			
7 2	LICUT DOINT WIDING			
/.3.	LIGHT POINT WIRING			
	SITC of following concealed point wiring using 1100V grade 3x1.5 Sq. mm. Multistrand copper			
	conductor PVC insulated FRLS wires (with proper R,Y,B colour code) pulled through 25mm / 20mm			
	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 (2x2.5 Sq. mm. + 1x1.5 sq.mm.) from Lighting DB to			
	switchboard and to the fixtures. (No seperate measurements for circuit wiring & PVC			
	Conduits)The First Point will be considered as Primary Point and balance points as Secondary Points.			
7 3 a	Primary Light points, Powered from LIGHTING DB (S.No. 2.a)	No	20.00	
	SITC 5/6A Primary light points including MS concealed box, grid plate, 6A switch & circuit wiring	.,,		
	through LDBs			
	Primary Light points, Powered from INVERTER Lighting DB (S.No. 2.f)	No	10.00	
	SITC 5/6A Primary light points including MS concealed box, grid plate, 6A switch & circuit wiring			
	through Inverter DB			
7.3.c.	Secondary Light points, to be looped from Primary Light Points (S. No. 7.3.a.)	No	10.00	
	SITC 5/6A Secondary light points looped from primary light point.			
7.3.d.	Independent 5/6A socket points, Powered from LIGHTING DB (S.No. 2.a)	No	3.00	
	SITC of <b>Primary 5/6A Socket points</b> using circuit wiring (with proper color code) pulled through			
	medium gauge PVC conduits.			
	Each point consisting of 1 Nos 5 pin of 5/6A sockets controlled by 1 Nos of 6A switch, wired			
	together forming a point with Green colour Earth wire.			
7.3.e.	Dependent 5/6 A socket points (on Board plug points), Powered from LIGHTING DB (S.No. 2.a)	No	10.00	
	SITC Secondary 5/6A 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 pin 5/6A sockets controlled by 1 Nos of 6A switch, wired			
726	together forming a point. Earth wire to be of Green colour only.  Exhaust fan points, Powered from LIGHTING DB (S.No. 2.a)	No	3.00	
	SITC of concealed point wiring for Exhaust fan using 1100V grade 3x1.5 Sq. mm. Multistrand Copper	NO	3.00	
	Conductor PVC insulated FRLS wires (with proper R,Y,B colour code) pulled through 25mm / 20mm			
	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 (2x2.5 Sq. mm. + 1x1.0 Sq. 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 will be operated on seperate switch, Rate should be including the cost of 6 A			
	switch, 4 way closed 5A connector & Mounting Plates & Ceiling Rose.			
7.3.g.	Wall Fan points, Powered from INVERTER Lighting DB (S.No. 2.f)	No	10.00	

SITC of concealed point wiring for Exhaust fan using 1100V grade 3x1.5 Sq. mm. Multistrand Copper			
Conductor PVC insulated FRLS wires (with proper R,Y,B colour code) pulled through 25mm / 20mm			
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 (2x2.5 Sq. mm. + 1x1.0 Sq. mm.) from Lighting DB to			
switchboard and to the Exhaust fan and Wall fan. (No seperate measurements for circuit wiring &			
PVC Conduits)			
Each wall fan will be operated on seperate switch, Rate should be including the cost of 5/6 A switch,			
3 pin 5/6A socket, gang box & Mounting Plates			
7.3.h. Ceiling fan points, Powered from LIGHTING DB (S.No. 2.a)	No	3.00	
SITC Ceiling Fan point operated on seperate switch shall be Controlled by 2 Module, 5-Step Fan			
regulator, Rate should be including the cost of Fan hook, Suspending suitable fan rod, Connecting			
cord and Step type Fan Regulator			
Cord and Step type ran Regulation			+
			-
8.1. Indicator Lights point (for Lighting, AC & Power DB (S.No. 2.a)	Set	1.00	
Providing and fixing R-Y-B Indicator LED Light Assembly concealed in display boxing along with Point			
Wiring to be done with 4C 1.5 Sq.mm. PVC insulated multistanded FRLS Grade flexible copper Cable			
drawn through Heavy gauge PVC conduit from Respective DB / MCCB. The route of the indicator			
wiring to be as under:			1
4C 1.5 Sq.mm. cable looped from Output side of 4P MCB Incomer of Lighting, AC & Raw Power DB			
(2.a(ii))			
то			
R-Y-B Indicator Lamp Near Entrance			
R-Y-B Colour Indicator Lamps for Non-Essential Power VTPN DB			1
			1
The indicators must be placed next to the main entrance at a suitable location so that they are visible			
through any one of the branch's CCTV Cameras			
The looping of the cable must be done carefully using proper lugs and must be fastened rigidly to avoid			
faults			
8.2. Indicator Lights point (for Non-Essential UPS Output Load & Inverter Lighting Load)	Set	2.00	İ
	300	2,00	
Providing and fixing Single Indicator LED Light of mentioned colour concealed in display boxing along			
with Point Wiring to be done with 2C 1.5 Sq.mm. PVC insulated multistanded FRLS Grade flexible			
copper Cable drawn through Heavy gauge PVC conduit from Respective DB / MCCB. The route of the			
indicator wiring to be as under:			
1. 2C 1.5 Sq.mm. cable looped from Output side of DPMCB1 of MB Box near branch entrance (3.a			
(ii)) to R-Led Indicator			
2. 2C 1.5 Sq.mm. cable looped from Output side of DPMCB2 of MB Box near branch entrance (3.a			
(ii)) to B-Led Indicator			
R-Indicator LED Light Assembly concealed in display boxing for Non Essential Branch UPS Output			
B-Indicator LED Light Assembly concealed in display boxing for Inverter Lighting Output			
Red Colour Indicator lamp for Non-Essential UPS Output			
Blue Colour Indicator lamp for Inverter Lighting Output			
The indicators must be placed next to the main entrance at a suitable location so that they are visible			
through any one of the branch's CCTV Cameras			 <u> </u>
The looping of the cable must be done carefully using proper lugs and must be fastened rigidly to avoid			
faults			
			1
0 FARTUNG SYSTEM			+
9 EARTHING SYSTEM			1
9.1. 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 50mm dia B class GI Pipe-2.5 Mtr In length, GI			
Itunnel with wiremesh 35 v 5mm GI/Cu Farthing Strip. Complete job with necessary construction of			
Funnel with wiremesh, 35 x 5mm GI/Cu Earthing Strip, Complete job with necessary construction of			
appropriate sized Earthing PIT masonary Chamber with providing CI hinged chamber cover, Nutbolts,			1
appropriate sized Earthing PIT masonary Chamber with providing CI hinged chamber cover, Nutbolts,			
appropriate sized Earthing PIT masonary Chamber with providing CI hinged chamber cover, Nutbolts, Earthing Testing Link, Hardware, Numbering of Chamber by using water proof paint. For more			
appropriate sized Earthing PIT masonary Chamber with providing CI 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			
appropriate sized Earthing PIT masonary Chamber with providing CI 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>.</b>	
appropriate sized Earthing PIT masonary Chamber with providing CI 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  9.1.b. CU Plate earthing.	No	2.00	
appropriate sized Earthing PIT masonary Chamber with providing CI 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	No	2.00	
appropriate sized Earthing PIT masonary Chamber with providing CI 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  9.1.b. CU Plate earthing.	No	2.00	
appropriate sized Earthing PIT masonary Chamber with providing CI 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  9.1.b. CU Plate earthing.  Copper earthing pit made up of 600 x 600 x 3 mm thick, copper electrode including 25 x 5 mm	No	2.00	
appropriate sized Earthing PIT masonary Chamber with providing CI 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  9.1.b. CU Plate earthing.  Copper earthing pit made up of 600 x 600 x 3 mm thick, copper electrode including 25 x 5 mm Copper strip.	No	2.00	
appropriate sized Earthing PIT masonary Chamber with providing CI 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  9.1.b. CU Plate earthing.  Copper earthing pit made up of 600 x 600 x 3 mm thick, copper electrode including 25 x 5 mm Copper strip.  9.2. Earthing Wires	No	2.00	
appropriate sized Earthing PIT masonary Chamber with providing CI 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  9.1.b. CU Plate earthing.  Copper earthing pit made up of 600 x 600 x 3 mm thick, copper electrode including 25 x 5 mm Copper strip.	No	2.00	

9.2.a.	Single core, 4 sqmm FRLS PVC insulated multi threaded, flexible copper wire laid through 20 mm	Rmt	40.00	
	size, MMS Grade PVC Conduites for Raw Power Earthing.			
9.2.b.	Single core, 6 sqmm FRLS PVC insulated multi threaded, flexible copper wire laid through 20 mm	Rmt	30.00	
	size, MMS Grade PVC Conduites for UPS power Earthing.			
	•			
9.3.	Main Earth Bus	No	2.00	
	Supplying & Installing of Main bus for isolated earth comprising of 200mm x 40mm x 6mm 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 300mm x 200mm x 50mm deep and having transparent			
	acrilic inspection cover as approved by Bank / Architect.			
	active inspection cover as approved by bank / Architect.			
40	TELEPHONE ( VOICE CARLING AND OUTLETS	No	2.00	
	TELEPHONE / VOICE CABLING AND OUTLETS	NO	2.00	
	Providing and laying 2 Pair Grey Color 0.5mm 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 10-pair 0.5 Sq. mm. size Telephone Cable for incoming with numbering of each cable			
	with Ferule and Telephone Connection Chart (No seperate measurements for PVC Conduits)			
11	DATA CABLING SYSTEM			
11.1.	Data points	No	7.00	
	Supplying and laying D-Link / Molex / Awaya / Amps make, Cat 6 cable for Data, laid through 20/25			
	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)			
11 2		No	7.00	
	Supplying & laying Cat-6, RJ-45, 1 m. length Data Patch Cords,	NO	7.00	
	Make: D-Link / Molex / Awaya		7.00	
	Supplying & laying Cat-6, RJ-45, 2 met length Data Patch Cords,	No	7.00	
	Make: D-Link / Molex / Awaya			
	Patch panel	No	1.00	
	Supplying and Installing D-Link make, preloaded, Cat-6, RJ-45, 24 Port Patch Panel, complete with			
	terminations & numbering with ferule			
11.5.	Supplying & Installing D-Link / HCL / iBall make 12-U Networking Wall mounting rack, complete	No	1.00	
	with following mentioned accessories			
	* 2U Horizontal Cable Manager			
	* Power Distribution Unit / Power Strip of 6 Sockets			
	* Cooling Fans			
	* Cantilever Trays / Shelves			
	* Hardware Packet			
	Transfer acree			
12	MISCELLANEOUS WORKS			
	Supply and installation of Vinyl sticker for on Electrical DBs like, " Switch Off at Night", Switch Off	Nos.	4.00	
		1103.	7.00	
	For Safety, etc	Nas	4.00	
	Angle holder complete in all respect with 9W White LED Bulb	Nos.	4.00	
12.4.	Supply and laying of ISI mark Electrical safety Insulating mat of dimension 1000mm X 1000mm in	Nos.	2.00	
	Electrical panel & UPS Room.			-
13	Providing temporary setup of UPS Points, Light & Fan points, Raw Power Points & Data Points for	Job	1.00	
	uninterrupted functioning of the branch			
14	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 S-hook,			
	chain link etc. as per requirement.			
	LED tube lights 4'	No	10.00	1
	SITC 1200 mm Long Surface/Wall Mounted extruded Aluminium channels, with 20 w LED Tube light	- 140	.5.00	
	fixtures complete. Rate should be including the cost of Fixture, Suspending suitable rods, other			
	accessories & hardware etc.			+
4.4	LLD tube trebte 7'	No	3.00	
	LED tube lights 2'			
	SITC 600 mm Long Surface/Wall Mounted extruded Aluminium channels, with 10 w LED Tube light			
	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			
	SITC 600 mm Long Surface/Wall Mounted extruded Aluminium channels, with 10 w LED Tube light			

	SITC 10W White Powder Coated Housing LED Round / Square Down Lighter with High Efficiency				
	LEDs & Ballasts				
14.5.	600 x 600 mm square LED panel fittings	No	8.00		
	SITC of Full Glow 36W / 40W White LED Square Light Panel of 600mm X 600mm size, Powder coated				
	Recess mounting LED Light Fitting (Min 6000K)				
14.6.	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				
14.6.b.	SITC 900 mm sweep Ceiling fans Complete with Mounting rod, Clamps, Locking pin etc. (Color -White	No	2.00		
	/ Ivory / Brown)				
14.6.c.	SITC 250mm sweep Exhaust fan of metal body & blade with louvers on the outside	No	3.00		
14.6.d.	SITC 400mm sweep Wall fan of 1350 RPM. Oscillating type, Metal Body & blades chrome plated guard	No	6.00		
	with speed regulator and moisture proof treatment to winding and with 'E' class insulation.				
TOTAL FOR ELECTRICAL WORKS					
				CGST 9%	
				SGST 9%	
				GRAND TOTAL	