## केनरा बैंक Canara Bank 📣

A Government of सिंडिकेट Syndicate

## BOQ FOR ELECTRICAL WORKS AT: BRANCH & ATM LOBBY AT CANARA BANK, HODAL BRANCH

			(Excl. GST)	(Excl. GST)
E ITEMS			(	
SITC of 3 Nos. Kit Kat Rewirable Porcelin fuse carrier & Base with neutral link on wooden frame of 100 amp/415 Volt near meter Box complete with connections complete in all respect to the satisfaction of Bank.	1.00	Set		
<b>ELECTRICAL MAIN PANEL:</b> Supply, delivery, installation, testing, commissioning, of L&T make indoor wall/ floor mounted type distribution boards made out of 2 mm thk. CRCA sheet metal duely acid treated premised & painted with 2 coats of enamel paint compartment arrangement for each equipment & bus bar chamber on the top of the panel running horizontal through out its length duly lamp, vermin proof having provision cable by conduit entry , earthling stud as per specification mentioned below duly factory wired confirming to the relevant ISS & as per special condition of contract, making good the damages M.S. Cubical type Panel board should have hinged door at the front. The panel shall be provided with all accessories & following arrangements complete in all respect & direction of EIC (Before Placing the Panel order, firstly it passed by the Bank Authority, otherwise it will not considered). It shall have the following:	1.00	Job		
INCOMER: 1 No.100 Amp. TPN, MCCB (25 KA breaking capacity) with overvoltage protection as incommer for Main supply.				
Bus bars 100 Amp., 3 phase, 4 strips, 415 volts, 50 Hz. Electrolytic grade Aluminum Bus Bars insulated with colored Heat Shrinkable PVC Sleeves & duly supported on SMC/DMC molded supports with Antitracking barriers.				
There should be 2 sets of BUS BAR in such a way that AC load should not be connected to GENERATOR power.				
100 amp Onload changeover with 1 Nos 125 amp 25 KA, TP MCCB for DG supply with 100 amp bus bar.				
Instruments: TWO set of Digital Multi function Meter ( <u>One for Main Power</u> <u>Supply &amp; Other for Generator Supply</u> ) of standard make for displaying Input Voltage, Ampere, Power factor, KWH used with CTs. Note- 1. All wiring and lugs inside the panel shall be of copper to be fixed using nut bolt & spring washers. 2. All switchgears shall be properly marked with operaion marks.				
	on wooden frame of 100 amp/415 Volt near meter Box complete with connections complete in all respect to the satisfaction of Bank. <b>ELECTRICAL MAIN PANEL:</b> Supply, delivery, installation, testing, commissioning, of L&T make indoor wall/ floor mounted type distribution boards made out of 2 mm thk. CRCA sheet metal duely acid treated premised & painted with 2 coats of enamel paint compartment arrangement for each equipment & bus bar chamber on the top of the panel running horizontal through out its length duly lamp, vermin proof having provision cable by conduit entry , earthling stud as per specification mentioned below duly factory wired confirming to the relevant ISS & as per special condition of contract, making good the damages M.S. Cubical type Panel board should have hinged door at the front. 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Instruments: TWO set of Digital Multi function Meter ( <u>One for Main Power</u> <u>Supply &amp; Other for Generator Supply</u> ) of standard make for displaying Input Voltage, Ampere, Power factor, KWH used with CTs. Note- 1. All wiring and lugs inside the panel shall be of copper to be fixed using nut bott & spring washers.	<ul> <li>on wooden frame of 100 amp/415 Volt near meter Box complete with 1.00 connections complete in all respect to the satisfaction of Bank.</li> <li>ELECTRICAL MAIN PANEL:</li> <li>Supply, delivery, installation, testing, commissioning, of L&amp;T make indoor wall/ floor mounted type distribution boards made out of 2 mm thk. CRCA sheet metal duely acid treated premised &amp; painted with 2 coats of enamel paint compartment arrangement for each equipment &amp; bus bar chamber on the top of the panel running horizontal through out its length duly lamp, vermin proof having provision cable by conduit entry , earthling stud as per specification mentioned below duly factory wired confirming to the relevant ISS &amp; as per special condition of contract, making good the damages M.S.</li> <li>Cubical type Panel board should have hinged door at the front. The panel shall be provided with all accessories &amp; following arrangements complete in all respect &amp; direction of EIC (Before Placing the Panel order, firstly it passed by the Bank Authority, otherwise it will not considered). It shall have the following:</li> <li>INCOMER:</li> <li>1 No.100 Amp. TPN, MCCB (25 KA breaking capacity) with overvoltage protection as incommer for Main supply.</li> <li>Bus bars 100 Amp., 3 phase, 4 strips, 415 volts, 50 Hz. Electrolytic grade Aluminum Bus Bars insulated with colored Heat Shrinkable PVC Sleeves &amp; duly supported on SMC/DMC molded supports with Antitracking barriers.</li> <li>There should be 2 sets of BUS BAR in such a way that AC load should not be connected to GENERATOR power.</li> <li>100 amp Onload changeover with 1 Nos 125 amp 25 KA, TP MCCB for DG supply with 100 amp bus bar.</li> <li>Instruments: TWO set of Digital Multi function Meter (<u>One for Main Power Supply &amp; Other for Generator Supply</u>) of standard make for displaying Input Voltage, Ampere, Power factor, KWH used with CTs. Note-</li> <li>1. All wiring and lugs inside the panel shall be of copper to be fixed using nutbolt &amp; spring washers.</li> </ul>	on wooden frame of 100 amp/415 Volt near meter Box complete with connections complete in all respect to the satisfaction of Bank.       1.00       Set         ELECTRICAL MAIN PANEL: Supply, delivery, installation, testing, commissioning, of L&T make indoor wall/ floor mounted type distribution boards made out of 2 mm thk. CRCA sheet metal duely acid treated premised & painted with 2 coats of enamel paint compartment arrangement for each equipment & bus bar chamber on the top of the panel running horizontal through out its length duly lamp, vermin proof having provision cable by conduit entry , earthling stud as per specification mentioned below duly factory wired confirming to the relevant ISS & as per special condition of contract, making good the damages M.S. Cubical type Panel board should have hinged door at the front. The panel shall be provided with all accessories & following arrangements complete in all respect & direction of EIC (Before Placing the Panel order, firstly it passed by the Bank Authority, otherwise it will not considered).       1.00         INCOMER:       1       1       1.00         No.100 Amp. TPN, MCCB (25 KA breaking capacity) with overvoltage protection as incommer for Main supply.       1.01       1.02         Bus bars 100 Amp., 3 phase, 4 strips, 415 volts, 50 Hz. Electrolytic grade Aluminum Bus Bars insulated with colored Heat Shrinkable PVC Sleeves & duly supported on SMC/DMC molded supports with Antitracking barriers.       1.00         There should be 2 sets of BUS BAR in such a way that AC load should not be connected to GENERATOR power.       100 amp Onload changeover with 1 Nos 125 amp 25 KA, TP MCCB for DG supply & Other for Generator Supply) of standard make for displaying Input Voltage, Ampere, Power factor, KWH used with CTs	on wooden frame of 100 amp/415 Volt near meter Box complete with connections complete in all respect to the satisfaction of Bank.       1.00       Set         ELECTRICAL MAIN PANEL:       1.00       Set         Supply, delivery, installation, testing, commissioning, of L&T make indoor wall / floor mounted type distribution boards made out of 2 mm thk. 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Electrolytic grade Aluminum Bus Bars insulated with colored Heat Shrinkable PVC Sleeves & duly supported on SMC/DMC molded supports with Antitracking barriers.         There should be 2 sets of BUS BAR in such a way that AC load should not be connected to GENERATOR power.       Inon poload changeover with 1 Nos 125 amp 25 KA, TP MCCB for DG supply with 100 amp bus bar.         Instruments: TWO set of Digital Multi function Meter ( <u>One for Main Power Sup</u>

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5 Nos. 32 /40/63 Amp. TPM MCB (For LDB/INVERTER, PDB, Branch UPS, ATM DB and Spare Feeder) from Generator Powered Bus.	5. NO.	DESCRIPTION OF ITEM	QTY	UOM	 AMOUNT (Rs. (Excl. GST)
DB and Spare Feeder) from Generator Powered Bus.       21 Nos. 54 Amp. TPN MCB (For AC DB and Spare Feeders) from Non-Generator Powered Bus.					
2 Nos. 63 Amp. TPN MCB (For AC DB and Spare Feeders) from Non-Generator					
Powered Bus.       6-32 AMP DP MCB. 3 Nos (for Glow Sign board, Strong Room & One Spare)       Imax 40K4/pole with complete wiring.         R2a       Supply & Installation of SPD (Surge Protector Device) for general protection of main Electrical Panel Legrad Make Cat No. 412247 (3P+N) , 40 KA, T2       1.00       Nos.         R3       DISTRIBUTION BOARDS:       Imax 40K4/pole with complete wiring.       Imax 40K4/pole with complete wiring.       Imax 40K4/pole with complete wiring.         8       Rotary Phase selector switch - TO BE LOCATED INSIDE UPS ROOM       Imax 40K4/pole with complete wiring.       Imax 40K4/pole with complete wirth RYB indication in enclosure for Branch's UPS input power network, ATM and inverter. Complete in all respect as required.       Imax 40K4/pole with complete in all respect as required.       Imax 40K4/pole with CMP Phase selector switch - TO BE LOCATED INSIDE UPS ROOM       Imax 40K4/pole VICME DB)- TO BE LOCATED INSIDE UPS ROOM       Imax 40K4/pole VICME DB)- TO BE LOCATED INSIDE UPS ROOM       Imax 40K4/pole VICME DB)- TO BE LOCATED INSIDE UPS ROOM       Imax 40K4/pole VICME DB)- TO BE LOCATED INSIDE UPS ROOM       Imax 40K4/pole VICME DB)- TO BE LOCATED INSIDE UPS ROOM       Imax 40K4/pole VICME DB)- TO BE LOCATED INSIDE UPS ROOM       Imax 40K4/pole VICME DB/PO/POLE VICME DB/PO/POLE VICME DB/PO/POLE VICME DB/PO/POLE VIEME VICME DB/PO/POLE VIEME					
s-22 AMP DP MCB: 3 Nos (for Glow Sign board, Strong Room & One Spare)       Image: Construct of Construction of main Electrical Parameters         R2a       Supply & Installation of SPD (Surge Protector Device) for general protection of main Electrical Panel Legrad Make Cat No. 412247 (3P+N) , 40 KA, T2       1.00       Nos.         R3       DISTRIBUTION BOARDS:       Image: Construction of Construction Construstion Construction Construction Construction Construction Constru		,			
from Generator Powered Bus.       Image: Supply & Installation of SPD (Surge Protector Device) for general protection of main Electrical Panel Legrad Make Cat No. 412247 (3P+N) , 40 KA, T2: 1.00       Nos.         R3       DISTRIBUTION BOARDS:       Image: AdKA/pole with complete wiring.       Image: AdKA/pole with complete wiring.       Image: AdKA/pole with complete wiring.         a       Retary Phase selector switch - TO BE LOCATED INSIDE UPS ROOM       Image: AdKA/pole with complete with RVB indication in enclosure for Branch's UPS input power network, ATM and indication in enclosure for Branch's UPS input power network, ATM and indication in enclosure for Branch's UPS input power network, ATM and inverter. Complete in all respect as required.       Nos.         b       UPS.DISTRIBUTION BOARD (INCOMER DB)-TO BE LOCATED INSIDE UPS ROOM       Image: AdKA/pole with adKa/pole with PIS adKa/pole with PIS adKa/pole with PIS adKa/pole with PI 42 protection incl. the following way Double door MCB D.B.       Image: AdKA/pole With PIS adXi UPS)         1 NOCOMER (Branch UPS & ATM UPS)       Image: AdXi UPS)       Image: AdXi UPS)         1 NOS 63 A DPMCB       Image: AdXi UPS)       Image: AdXi UPS)         2 Nos: 40 Amp DP MCB+1 Spare       Z.00       Nos         3 STC of the surface / recess mounting following way Double door MCB D.B.       Image: AdXi UPS)       Image: AdXi UPS)         3 Nos: AdXi UPS ONS       Image: AdXi UPS)       Image: AdXi UPS)       Image: AdXi UPS)         1 NocomeR (Branch UPS & ATM UPS)       Image: AdXi UPS)					
of main Electrical Panel Legrad Make Cat No. 412247 (3P+N) , 40 KA, T2-       1.00       Nos.         R3       DISTRIBUTION BOARDS:       Image: Complete with grad marked strength       Image: Complete with grad strength       Image: Complete with grad strength         a       Retary Phase selector switch - TO BE LOCATED INSIDE UPS ROOM       Image: Complete marked strength       Image: Complete marked strength       Image: Complete marked strength         b       U.P.S. DISTRIBUTION BOARD (INCOMER DB) - TO BE LOCATED INSIDE UPS ROOM       Image: Complete marked strength       Image: Complete marked strength         b       U.P.S. DISTRIBUTION BOARD (INCOMER DB) - TO BE LOCATED INSIDE UPS ROOM       Image: Complete marked strength       Image: Complete marked strength         SITC of the surface / recess mounting following way Double door MCB D.B       Single phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Lettrical connection .earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       Image: Complete marked strength       Image: Complete marked strength         0UTGOMOS       Image: Complete marked strength       Image: Complete marked strength       Image: Complete marked strength       Image: Complete marked strength         VICOMER (Branch UPS & ATM UPS)       Image: Complete marked strength       Image: Complete marked strength       Image: Complete marked strengt       Image: Complete marked strengt					
Imax 40KA/pole with complete wiring.       Imax 40KA/pole with complete wiring.         R3       DISTRIBUTION BOARDS:       Imax 40KA/pole with complete with RYB indication in enclosure for <u>Branch's UPS input power network, ATM and Inverter</u> . Complete in all respect as required.       3.00         b       UP.S. DISTRIBUTION BOARD (INCOMER DB) - <u>TO BE LOCATED INSIDE UPS ROOM</u> Imax 40KA/pole with RYB indication in enclosure for <u>Branch's UPS input power network, ATM and Inverter</u> . Complete in all respect as required.         b       UP.S. DISTRIBUTION BOARD (INCOMER DB) - <u>TO BE LOCATED INSIDE UPS ROOM</u> Imax 40KA/pole with possibility of single phase out going with IP 42 protection incl. the followings accessories - incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Imax 40KB + 1 Spare         QUIGGUNGS       Z Nos- 40 Amp DP MCB+ 1 Spare       Z.00         SET AS ABOVE       Z.00       Nos         c       UP.S. DISTRIBUTION BOARD (OUTGOING DB) - <u>TO BE LOCATED INSIDE UPS ROOM</u> Imax 40KA + 1 Spare         SITC of the surface / recess mounting following way Double door MCB D.B       Imax 40KA + 1 Spare         c       UP.S. DISTRIBUTION BOARD (OUTGOING DB) - <u>TO BE LOCATED INSIDE UPS ROOM</u> Imax 40KA + 1 Spare         SITC of the surface / recess mounting following way Double door MCB D.B       Imax 40KA + 1 Spare       Imax 40KA + 1 Spare         SITC of	R2a				
a       Rotary Phase selector switch - TO BE LOCATED INSIDE UPS ROOM         SITC of 40/63 Amp. Rotary Phase selector switch complete with RYB indication in enclosure for Branch's UPS input power network, ATM and Inverter. Complete in all respect as required.       3.00       Nos.         b       U.P.S. DISTRIBUTION BOARD (INCOMER DB) - TO BE LOCATED INSIDE UPS ROOM       3.00       Nos.         SITC of the surface / recess mounting following way Double door MCB D.BSingle phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electricat connection , earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       9         INCOMER (Branch UPS & ATM UPS)       1       1       1         1 NOS 63 A DPMCB       2.00       Nos       9         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       1       1         str As ABOVE       2.00       Nos       9         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       1         str As ABOVE       2.00       Nos       9         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       1       1         str As ABOVE       2.00       Nos       9       9         c       U.P.S. DISTRIBUTION BOARD (OUTGOING BB) - TO BE LOCATED			1.00	Nos.	
a       Rotary Phase selector switch - TO BE LOCATED INSIDE UPS ROOM         SITC of 40/63 Amp. Rotary Phase selector switch complete with RYB indication in enclosure for Branch's UPS input power network, ATM and Inverter. Complete in all respect as required.       3.00       Nos.         b       U.P.S. DISTRIBUTION BOARD (INCOMER DB) - TO BE LOCATED INSIDE UPS ROOM       3.00       Nos.         SITC of the surface / recess mounting following way Double door MCB D.BSingle phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electricat connection , earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       9         INCOMER (Branch UPS & ATM UPS)       1       1       1         1 NOS 63 A DPMCB       2.00       Nos       9         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       1       1         str As ABOVE       2.00       Nos       9         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       1         str As ABOVE       2.00       Nos       9         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       1       1         str As ABOVE       2.00       Nos       9       9         c       U.P.S. DISTRIBUTION BOARD (OUTGOING BB) - TO BE LOCATED					
SITC of 40/63 Amp. Rotary Phase selector switch complete with RYB indication in enclosure for Branch's UPS input power network, ATM and Inverter. Complete in all respect as required.       3.00       Nos.         b       U.P.S. DISTRIBUTION BOARD (INCOMER DB)- TO BE LOCATED INSIDE UPS ROOM       1       1         SITC of the surface / recess mounting following way Double door MCB D.BSingle phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electricat connection, earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       1         NOCOMER (Branch UPS & ATM UPS)       1       1       1         1 NOS 63 A DPMCB       2       1         0 UTGOINGS       2       2       1         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       1         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       1         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       1         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       1         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       1         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       1         c       U.P.S. DISTRIBUTION BOARD (OUTGOING MS BOX					
indication in enclosure for Branch's UPS input power network, ATM and Inverter. Complete in all respect as required.       3.00       Nos.         b       U.P.S. DISTRIBUTION BOARD (INCOMER DB) - TO BE LOCATED INSIDE UPS ROOM       Image: Complete as personauting following way Double door MCB D.B Single phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electrical connection , earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       Image: Complete as personautic as the following way Double door MCB D.B Single phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electricat connection , earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       Image: Complete as personautic as the following way Double door MCB D.B Single phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the following saccessories - incl. Electricat connection , earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       Image: Image					
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SITC of the surface / recess mounting following way Double door MCB D.B         Single phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electrical connection , earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Connection (Consumer unit) for single phase out going with IP 42 protection (Consumer unit) for single phase out going (Consumer unit) for single phase out going (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electricat connection, earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - <u>TO BE LOCATED INSIDE UPS ROOM</u> SITC of the surface / recess mounting following way Double door MCB D.B         Single phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electricat connection, earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electricat connection, earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Consumer consumption of the damages out going with IP 42 protection incl. the following way fouth as thecleaning the site, etc complete as per site r					
Single phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electrical connection , earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Complete as per site requirement and as directed.         VINCOMORS       Image: Complete as per site requirement and as directed.         VINCOMORS       Image: Complete as per site requirement and as directed.         VINCOMER (Branch UPS & ATM UPS)       Image: Complete as per site requirement and as directed.         SITC of the surface / recess mounting following way Double door MCB D.BSingle phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electricat connection , earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Complete complete complete complete complete complete complet	D	· · · · ·			
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site, etc complete as per site requirement and as directed.					
INCOMER (Branch UPS & ATM UPS)       Image: Complex of the supervision of the supervisi		connection ,earthing, making good all the damages, painting, cleaning the			
1 NOS 63 A DPMCB		site, etc complete as per site requirement and as directed.			
1 NOS 63 A DPMCB					
OUTGOINGS					
2 Nos- 40 Amp DP MCB+ 1 Spare					
SET AS ABOVE       2.00       Nos         c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       Image: Construct of the surface / recess mounting following way Double door MCB D.BSingle phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       Image: Connection (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       Image: Connection (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       Image: Connection (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       Image: Connectical connect					
c       U.P.S. DISTRIBUTION BOARD (OUTGOING DB) - TO BE LOCATED INSIDE UPS ROOM       Image: Constraint of the surface / recess mounting following way Double door MCB D.BSingle phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electrical connection , earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       Image: Constraint of the surface of the s			2 00	Nec	
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Single phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electrical connection , earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       Image: Connection and the damages accessories - incl. Electrical cleaning the site, etc complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image:	с				
with IP 42 protection incl. the followings accessories - incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         1 NOS 40 A DPMCB       Image: Complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         2 Nos 40 A DPMCB       Image: Complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         2 Nos 40 A DPMCB       Image: Complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         2 Nos 40 Amp DP MCB+ 1 Spare       Image: Complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         d       INVERTER INCOMER & OUTGOING MS BOX - <u>TO BE LOCATED INSIDE UPS ROOM</u> Image: Complete as per site requirement and as directed.         d       INVERTER INCOMER & OUTGOING MS encloser Single Door complete complete       2 00       Nos		5 5 J			
connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         1 NOS 40 A DPMCB       Image: Complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         0UTGOINGS       Image: Complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         2 Nos 40 Amp DP MCB+ 1 Spare       Image: Complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         3 INVERTER INCOMER & OUTGOING MS BOX - <u>TO BE LOCATED INSIDE UPS ROOM</u> Image: Complete as per site requirement and as directed.         4 INVERTER INCOMER & OUTGOING MS BOX - <u>TO BE LOCATED INSIDE UPS ROOM</u> Image: Complete as per site requirement and as directed.					
site, etc complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         INCOMER (Branch UPS & ATM UPS)       Image: Complete as per site requirement and as directed.         1 NOS 40 A DPMCB       Image: Complete as per site requirement and as directed.         0UTGOINGS       Image: Complete as per site requirement and as directed.         2 Nos- 40 Amp DP MCB+ 1 Spare       Image: Complete as per site requirement and as directed.         SET AS ABOVE       2.00       Nos         Image: Complete as per site requirement and as directed.       Image: Complete as per site requirement and as directed.         d       INVERTER INCOMER & OUTGOING MS BOX - TO BE LOCATED INSIDE UPS ROOM       Image: Complete as per site requirement and as directed.         sITC of 32/40 Amp. DP MCB in a MS encloser Single Door complete complete       2.00       Nos					
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1 NOS 40 A DPMCB       Image: Constraint of the second secon					
OUTGOINGS       Image: Constraint of the second secon					
2 Nos- 40 Amp DP MCB+ 1 Spare       2.00       Nos         SET AS ABOVE       2.00       Nos         d       INVERTER INCOMER & OUTGOING MS BOX - TO BE LOCATED INSIDE UPS ROOM					
SET AS ABOVE       2.00       Nos         d       INVERTER INCOMER & OUTGOING MS BOX - TO BE LOCATED INSIDE UPS ROOM       Image: Complete compl					
d     INVERTER INCOMER & OUTGOING MS BOX - TO BE LOCATED INSIDE UPS ROOM       SITC of 32/40 Amp. DP MCB in a MS encloser Single Door complete complete			2.00	<u> </u>	
SITC of 32/40 Amp. DP MCB in a MS encloser Single Door complete complete		SET AS ABOVE	2.00	Nos	
	d				
			2.00	Nos.	
	e	LIGHT DISTRIBUTION BOARD			

NO.	DESCRIPTION OF ITEM	QTY	UOM	RATE (Rs.) (Excl. GST)	AMOUNT (Rs. (Excl. GST)
	SITC of the surface / recess mounting following way MCB three phase			, ,	
	distribution board for single phase outgoing with IP 42 protection , direct on				
	wall incl. the followings accessories				
	INCOMER - Incoming Supply from Inverter output				
	1 No. DPMCB 40 Amp				
	OUTGOINGS				
	6-8 Nos SPMCB 6-10 Amp				
	SET AS ABOVE	1.00	Nos		
	incl. Electrical connection ,earthing, making good all the damages, painting,				
	cleaning the site, etc complete as per site requirement and as directed.				
f	POWER DISTRIBUTION BOARD				
	SITC of the surface / recess mounting following way MCB three phase				
	distribution board for single phase outgoing with IP 42 protection , direct on wall incl. the followings accessories				
	INCOMER				
	1 No. TPMCB 63 Amp				
	OUTGOINGS				
	6-12 Nos SPMCB 16/32 Amp				
	SET AS ABOVE	1.00	Nos		
	incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.				
g	AC DISTRIBUTION BOARD				
	SITC of the surface / recess mounting following way MCB three phase distribution board for single phase outgoing with IP 42 protection , direct on wall incl. the followings accessories				
	INCOMER				
	1 No. TPMCB 63 Amp				
	OUTGOINGS				
	8 Nos DPMCB 25 Amp + 2 Nos Spare				
	SET AS ABOVE	1.00	Nos		
	incl. Electrical connection, earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.				
h	SITC of 12 WAY SPN Double Door DB complete with 1 No. 40 AMP DP MCB as				
	incomer and 10 NOS. 6-10 AMP SPMCB as outgoing for <u>Branch</u> <u>UPS power</u> <u>distribution to Computer points on Staff Counters / Tables</u> .	1.00	Nos.		
i	SITC of 8 WAY SPN Double Door DB complete with 1 No. 32 AMP DP MCB as incomer and 6 NOS. 6-10 AMP SPMCB as outgoing for UPS power distribution points for ESSENTIAL LODAS like CCTV System, Fire & Burglar Alarm Systems, Networking Rack, ATM (if separate ATM UPS not available) and select Light points powered by UPS.	1.00	Nos.		

S. NO.	DESCRIPTION OF ITEM	QTY	UOM	RATE (Rs.) (Excl. GST)	AMOUNT (Rs. (Excl. GST)
j	SITC of 1 no. 10A DP MCB with MS enclosure Industrial Plug Socket Unit with				
	1.0 mtr long 3 core 2.5 Sqmm Copper flexible cable for strong room power				
	supply switch board installed at <u>STRONG</u> <u>ROOM/SAFE</u> <u>ROOM</u> entrance Gate	1.00	Nos.		
	complete in all respect as required.				
k	ATM DISTRIBUTION BOARD (ATM DB) - to be place near to ATM Room				
	SITC of the surface / recess mounting following way MCB three phase				
	distribution board for single phase outgoing with IP 42 protection , direct on				
	wall incl. the followings accessories				
	INCOMER - Incoming Supply from Inverter output				
	1 No. DPMCB 40 Amp				
	OUTGOINGS				
	10 Amp SP MCB - 3 Nos. (ATM light)				
	2 Nos DPMCB 25 Amp + 1 Nos Spare (ATM AC)				
	SET AS ABOVE	1.00	Nos		
	incl. Electrical connection ,earthing, making good all the damages, painting,				
	cleaning the site, etc complete as per site requirement and as directed.				
R4	CABLES				
	All cables / wires shall be routed through PVC conduits / bends / elbows				
	etc., as required, of appropriate dia. The conduits shall be clamped firmly to the walls / columns / pillars etc. with clips / clamps and fasteners				
	rigidly even if above false ceiling.				
	Complete job shall include cutting chiseling in walls, floor and making				
	good of all chases / cuts etc. with combination of cement-mortar,				
	including painiting with type and shade of existing wall. The work shall be				
	completed to the satisfaction of Bank.				
	NO CABLE / WIRE / CONDUIT SHALL BE VISIBLE IN THE BRANCH HALL /				
	CUSTOMER LOBBY / STAFF WORKING AREA.				
a	SITC of 4 Core 25.0 Sq.mm Copper conductor Armoured Cable for service line				
u	connection up to Kit kat fuse unit complete in all respect as required.	15.00	Mtr.		
		15.00	mer.		
b	SITC of 4 core 6.0 Sq.mm Copper conductor Armoured Cable from Main				
	Panel to INVERTER, LDB, ATM UPS & Branch UPS input power supply.	50.00	Mtr.		
с	SITC of 2 runs of 6.0 Sq.mm and 1 no. of 2.5 Sqmm FRLS PVC Insulated				
	Multistrand Copper conductor wire from selector switch to UPS/INVERTER to	10.00	Mtr.		
	UPS/LDB Distribution boards.				
d	SITC of 4 core 10 Sq.mm + 1 X 4 sq.mm Copper conductor Armoured Cable				
	from main Panel / Non Generator power Bus to AC DB.	10.00	Mtr.		
e	SITC of Sub main Wiring for Strong room and Glow Sign Board with 2 No. 4.0				
-	Sq.mm and 1 No. 2.5 Sq.mm Multistrand Copper conductor FR pvc/ xlpe				
	insulated Wire in required dia pvc conduit complete in all respects as	30.00	Mtr.		
	required.				

	<u>B(</u>	BOQ FOR ELECTRICAL WORKS AT: BRANCH & ATM LOBBY AT CANARA BANK, HODAL BRANCH					
Multistrand Copper Wire & Industrial plug & Socket with 10/16 Amp. DPMCB       2.00       Nos.         b       STC of AC Point Wiring with 2 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm       Nos.         c       STC of AC Point Wiring with 2 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm       Nos.         c       STC of AC Point Wiring with 4 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm       Nos.         c       STC of AC Point Wiring with 4 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm       Nos.         c       STC of AC Point Wiring with 4 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm       Nos.         all respect as required by the Bank (for 3.0 TR/i-Nall Spit/ Cassette ACs). The point shall be placed near outdoor unit.       0.00         b       STC of AC Point Wiring with 4 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm       Nos.         all respect as required by the Bank (for 3.0 TR/4.0 TR Hi-Wall Cassette ACs).       Nos.         The point shall be placed near outdoor unit.       0.00       Nos.         a       Preparation and commissioning of earth pits with PIP technology GEL type       3.00       Nos.         ground level etc as required.       0.00       Mtr.       0.00       Mtr.         c       STC of Earthing conductor from earth terminal to load point with 10 sq mm       55.00       Mtr.         c       STC of earthing conductor from earth terminal to load point with 10 sq mm       55.00       Mtr.	S. NO.	DESCRIPTION OF ITEM	QTY	UOM		AMOUNT (Rs.) (Excl. GST)	
Multistrand Copper Wire & Industrial plug & Socket with 20 Amp. DPMCB complete in all respect as required by the Bank (for 2.0 TR Hi-Wall Split / Cassette ACs). The point shall be placed near outdoor unit.       5.00       Nos.         c       SITC of AC Point Wiring with 4 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm all respect as required by the Bank (for 3.0 TR/4.0 TR Hi-Wall Cassette ACs). The point shall be placed near outdoor unit.       0.00       Nos.         R6       EARTHING       0.00       Nos.         a       Preparation and commissioning of earth pits with PIP technology GEL type Sommdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS, Sommdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS, Som during and termination of 32x6 mm G.I. strip with earth station below ground level etc as required.       Mtr.         c       SITC of Earthing conductor FR pvc /XLPE insulated cable in required dia PVC heavy duty conduit complete in all respect as required.       Mtr.         c       SITC of Earthing conductor FR pvc /XLPE insulated cable in required dia Specification of proper size with 3nos 2.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ RkichA/EL or equivalent) and with all material supply installation and commissioning complete from UPS DB/PDB (Raw). The wiring shall be carried out on surface above false celling by chiseling the existing surface and plantering the same with cement etc. after frigh the heavy duty PVC conduit with all cressories like saddles screws, bends T-joint etc. 2 coats of painting matching to the surface including supply installation and commissioning complete from UPS DB/PDB (Raw). The wiring shall be carried out on surface above	a	Multistrand Copper Wire $$ Industrial plug & Socket with 10/16 Amp. DPMCB complete in all respect as required by the Bank (for 1.0 / 1.5 TR Hi-Wall Split	2.00	Nos.			
Multistrand Copper Wire & 20/32/40 Amp. TPN MCB in a MS Box complete in all respect as required by the Bank (for 3.0 TR/4.0 TR Hi-Wall Cassette ACS). The point shall be placed near outdoor unit.0.00Nos.R6EARTHINGImage: Complete in the state of the state of the state in the state of the stat	b	Multistrand Copper Wire & Industrial plug & Socket with 20 Amp. DPMCB complete in all respect as required by the Bank (for 2.0 TR Hi-Wall Split /		Nos.			
a       Preparation and commissioning of earth pits with PIP technology GEL type 50mmdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS, Branch UPS and Main Electrical Panel)       3.00       Nos.         b       Supply fixing and termination of 32x6 mm G.I. strip with earth station below ground level etc as required.       30.00       Mtr.         c       SITC of Earthing conductor from earth terminal to load point with 10 sq mm multstrand copper conductor FR pvc /XLPE insulated cable in required dia PVC heavy duty conduit complete in all respect as required.       55.00       Mtr.         R7       UPS/RAW POWER POINT       55.00       Mtr.         Computer/Raw Power point wiring in heavy duty PVC conduit of IS specification of proper size with 3nos 2.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from UPS DB/PDB (Raw). The wiring shall be carried out on surface above false ceiling by chiseling the existing surface and plastering the same with cement etc. after fixing the heavy duty PVC conduit with all ccessories like saddles screws, bends T-joint etc. 2 coats of painting Matching to the surface including supply installing, testing, commissioning of modular plate type switch and socket (Legrands / Havells or equivalent) for computer terminal on sheet steel enclosure (cadmium plated),duly fitted with screw to the steel conduit and fixed to the wall partition furniture with all interconnection and proper earthing. All the opening shall be covered with blank plate and be sealed to make the box vermin proof.B48       Nos.         a       With 3nos 6A socket with indivi	c	Multistrand Copper Wire & $20/32/40$ Amp. TPN MCB in a MS Box complete in all respect as required by the Bank (for 3.0 TR/4.0 TR Hi-Wall Cassette ACs).	0.00	Nos.			
a       Preparation and commissioning of earth pits with PIP technology GEL type 50mmdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS, Branch UPS and Main Electrical Panel)       3.00       Nos.         b       Supply fixing and termination of 32x6 mm G.I. strip with earth station below ground level etc as required.       30.00       Mtr.         c       SITC of Earthing conductor from earth terminal to load point with 10 sq mm multstrand copper conductor FR pvc /XLPE insulated cable in required dia PVC heavy duty conduit complete in all respect as required.       55.00       Mtr.         R7       UPS/RAW POWER POINT       55.00       Mtr.         Computer/Raw Power point wiring in heavy duty PVC conduit of IS specification of proper size with 3nos 2.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from UPS DB/PDB (Raw). The wiring shall be carried out on surface above false ceiling by chiseling the existing surface and plastering the same with cement etc. after fixing the heavy duty PVC conduit with all ccessories like saddles screws, bends T-joint etc. 2 coats of painting Matching to the surface including supply installing, testing, commissioning of modular plate type switch and socket (Legrands / Havells or equivalent) for computer terminal on sheet steel enclosure (cadmium plated),duly fitted with screw to the steel conduit and fixed to the wall partition furniture with all interconnection and proper earthing. All the opening shall be covered with blank plate and be sealed to make the box vermin proof.B48       Nos.         a       With 3nos 6A socket with indivi	R6	FARTHING					
ground level etc as required.30.00Mtr.cSITC of Earthing conductor from earth terminal to load point with 10 sq mm multstrand copper conductor FR pvc /XLPE insulated cable in required dia PVC heavy duty conduit complete in all respect as required.55.00Mtr.R7UPS/RAW POWER POINT50.00Mtr.Computer/Raw Power point wiring in heavy duty PVC conduit of IS specification of proper size with 3nos 2.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from UPS DB/PDB (Raw). The wiring shall be carried out on surface above false ceiling by chiseling the eavy duty PVC conduit with all cessories like saddles screws, bends T-joint etc. 2 coats of painting Matching to the surface including supply installing, testing, commissioning of modular plate type switch and socket (Legrands / Havells or equivalent) for computer terminal on sheet steel enclosure (cadmium platel),duly fitted with screw to the steel conduit and fixed to the wall partition furniture with all interconnection and proper earthing. All the opening shall be covered with blank plate and be sealed to make the box vermin proof.B4818.00Nos.aWith 3nos 6A socket with single 16A switch.10.00Nos.10.00		Preparation and commissioning of earth pits with PIP technology GEL type 50mmdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS,		Nos.			
multstrand copper conductor FR pvc /XLPE insulated cable in required dia PVC heavy duty conduit complete in all respect as required.55.00Mtr.R7UPS/RAW POWER POINTImage: Computer/Raw Power point wiring in heavy duty PVC conduit of IS specification of proper size with 3nos 2.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from UPS DB/PDB (Raw). The wiring shall be carried out on surface above false ceiling by chiseling the existing surface and plastering the same with cement etc. after fixing the heavy duty PVC conduit with all ccessories like saddles screws, bends T-joint etc. 2 coats of painting Matching to the surface including supply installing, testing, commissioning of modular plate type switch and socket (Legrands / Havells or equivalent) for computer terminal on sheet steel enclosure (cadmium plated),duly fitted with screw to the steel conduit and fixed to the wall partition furniture with all interconnection and proper earthing. All the opening shall be covered with blank plate and be sealed to make the box vermin proof.B4818.00Nos.aWith 2nos 16A socket with individual 16A switch.10.00Nos.Image: Nos.	b		30.00	Mtr.			
Computer/Raw Power point wiring in heavy duty PVC conduit of IS specification of proper size with 3nos 2.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from UPS DB/PDB (Raw). The wiring shall be carried out on surface above false ceiling by chiseling the existing surface and plastering the same with cement etc. after fixing the heavy duty PVC conduit with all ccessories like saddles screws, bends T-joint etc. 2 coats of painting Matching to the surface including supply installing, testing, commissioning of modular plate type switch and socket (Legrands / Havells or equivalent) for computer terminal on sheet steel enclosure (cadmium plated),duly fitted with screw to the steel conduit and fixed to the wall partition furniture with all interconnection and proper earthing. All the opening shall be covered with blank plate and be sealed to make the box vermin proof.B4818.00Nos.aWith 2nos 16A socket with individual 16A switch.10.00Nos.	с	multstrand copper conductor FR pvc /XLPE insulated cable in required dia		Mtr.			
Computer/Raw Power point wiring in heavy duty PVC conduit of IS specification of proper size with 3nos 2.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from UPS DB/PDB (Raw). The wiring shall be carried out on surface above false ceiling by chiseling the existing surface and plastering the same with cement etc. after fixing the heavy duty PVC conduit with all ccessories like saddles screws, bends T-joint etc. 2 coats of painting Matching to the surface including supply installing, testing, commissioning of modular plate type switch and socket (Legrands / Havells or equivalent) for computer terminal on sheet steel enclosure (cadmium plated),duly fitted with screw to the steel conduit and fixed to the wall partition furniture with all interconnection and proper earthing. All the opening shall be covered with blank plate and be sealed to make the box vermin proof.B4818.00Nos.aWith 2nos 16A socket with individual 16A switch.10.00Nos.							
specification of proper size with 3nos 2.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEl or equivalent) and with all material supply installation and commissioning complete from UPS DB/PDB (Raw). The wiring shall be carried out on surface above false ceiling by chiseling the existing surface and plastering the same with cement etc. after fixing the heavy duty PVC conduit with all ccessories like saddles screws, bends T-joint etc. 2 coats of painting Matching to the surface including supply installing, testing, commissioning of modular plate type switch and socket (Legrands / Havells or equivalent) for computer terminal on sheet steel enclosure (cadmium plated),duly fitted with screw to the steel conduit and fixed to the wall partition furniture with all interconnection and proper earthing. All the opening shall be covered with blank plate and be sealed to make the box vermin proof.B4818.00Nos.aWith 2nos 16A socket with individual 16A switch.10.00Nos.10.00Nos.	R7						
b     With 2nos 16A socket with individual 16A switch.     10.00     Nos.	a	specification of proper size with 3nos 2.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from UPS DB/PDB (Raw). The wiring shall be carried out on surface above false ceiling by chiseling the existing surface and plastering the same with cement etc. after fixing the heavy duty PVC conduit with all ccessories like saddles screws, bends T-joint etc. 2 coats of painting Matching to the surface including supply installing, testing, commissioning of modular plate type switch and socket (Legrands / Havells or equivalent) for computer terminal on sheet steel enclosure (cadmium plated),duly fitted with screw to the steel conduit and fixed to the wall partition furniture with all interconnection and proper earthing. All the opening shall be covered with blank plate and be sealed to make the box vermin proof.B48		Nos.			
		-					

BC	OQ FOR ELECTRICAL WORKS AT: BRANCH & ATM LOBBY AT C	ANAR	A BAN	IK, HODAL	BRANCH
S. NO.	DESCRIPTION OF ITEM	QTY	UOM	RATE (Rs.) (Excl. GST)	AMOUNT (Rs.) (Excl. GST)
	Wiring for light/fan/exhaust fan points using 3 X 1.5 1.1 kV grade PVC insulated stranded copper conductor wire (Finolex/ Havell's/ Richa/ RR kebel/ KEI or equivalent) for phase, neutral and earth (with proper R,Y,B color code) in 25 mm dia heavy duty PVC conduit along with associated accessories like MS junction boxes, bends, saddles, screws et. concealed in wall, floor, under flooring, below false ceiling or on surface as well as suspended from ceiling with 25mm X 3 mm MS flat suspenders duly painted above false ceiling from individual light/Fan/Exhaust Fan point outlet. etc. to individual modular type switch boards, 10 Amp modular plate type switches etc.(MK/Legrands/Havel's or equivalent), as required complete including circuit wiring with 3 X 2.5 sqmm. 1.1 kV grade PVC insulated stranded copper conductor wire and as per site requirement and as instructed by Engineer In-Charge.			(2.421. 051)	
a	One light point including the cost of 6A modular switch	30.00	Nos.		
a b	Two light point including the cost of 6A modular switch	15.00	Nos.		
c	Three light point including the cost of 6A modular switch	25.00	Nos.		
d	Four light point including the cost of 6A modular switch	0.00	Nos.		
e	Ceiling Fan Point including the cost of 6A Switch along with 5 step electronic fan regulator.	1.00	Nos.		
f	Wall Fan Point along with 6 AMP switch & 3 PIN Socket	10.00	Nos.		
g	Exhaust Fan Point along with 6 AMP switch & 3 PIN Socket	4.00	Nos.		
h	SITC of Call Bell Point & Call Bell.	1.00	Nos.		
i	6A Switch & Plug point in same switch board	6.00	Nos.		
j	Cove light points including the cost of 6A modular switch	4.00	Nos.		
k	16A, 5 pin industrail plug & Socket with 25 A MCB protected (for Strong Room/SAFE room & Record room)	4.00	Nos.		
R9	DATA CABLING & POINT				
	Supplying and laying of D-Link make CAT-6 (UTP) cable through trenches / conduits.				
a	Supplying and laying D-link make CAT-6 Cable in P.V.C. Conduit Complete with CAT-6 information outlet with plate & suface Box at individual Tables	15.00	Nos.		
Ь	Supplying and fixing of 1 mtr long crimped patch cord	15.00	Nos.		
c	Supplying and fixing of 2 mtr long crimped patch cord	15.00	Nos.		
d	Supplying and fixing of 12 U Rack complete with exhaust fan, lockable front glass door, cable managers, electrical socket board etc.	1.00	Nos.		
e	Supplying and fixing of 24 port jack panel	1.00	Nos.		
R10	VOICE NETWORKING				
a	Supply and fixing of 1 nos. 30 pair telephone MDF consisting of tag blocks, disconnector type, complete with powder coated metal enclose, krone tag block mounting arrangement telephone distribution chart and locking arrangement [for P&T/EPABX]	1.00	Job		
b	Supplying and laying telephone cables 0.5mm dia 2 pair electrolytic tinned copper conductors PVC insulated and twisted pair with rip cord, including PVC conduits/Racewaysand RJ11 telephone socket outlet. The rate shall include termination at both ends on tag blocks. 2 Nos. RJ11 Telephone socket with plate and box		No.		

R11       FIRE & ELECTRICAL SAFETY INDICATION       Image: Construction of Vinyl sticker for on Electrical DBs like, "Switch Off at Night", Switch Off For Safety, etc       4.00       Nos.         b       SITC of a set of indication lamp set (4 Nos. RED, YELLOW, BLUE & GREEN Color) in a concealed PVC modular box.       1.00       No.         c       Wiring in heavy duty PVC conduit of IS specification of proper size with 2 runs of 1.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from Computer 5.00       Mtrs         R12       SITC of Angle holder complete in all respect with 9W LED lamp       3.00       Nos.         R13       SITC of Angle holder complete in all respect with 9W LED lamp       3.00       Mtrs         cCOLOR): SITC of bright LED Strip LIGHT WITH ITS ELECTRONIC DRIVER BLUE (COLOR): SITC of bright LED strip light with its electronic driver complete for 0.00       Mtrs         required. PHILPS, WIPRO, HAVELLS, CG.       Nos.       1.00       Nos.         CAPITAL ITEMS       C       FIXTURES/FANS (All light fixtures and fans to be supplied COMMERCIAL MODELS only)       Nos.         C1       SITC of 30W 2 X 2' Square decorative LED light firting of approved model & make. (contractor to get the model approved from bank before installation)       Nos.       27.00       Nos.         C2       SITC of 30W 2 X 2' Square decorative LED light firting of approved ma	S. NO.	DESCRIPTION OF ITEM	QTY	UOM	RATE (Rs.) (Excl. GST)	AMOUNT (Rs.) (Excl. GST)
a       Supply and installation of Vinyl sticker for on Electrical DBs like, "Switch Off at Night", Switch Off For Safety, etc       4.00       Nos.         b       SITC of a set of indication lamp set (4 Nos. RED, YELLOW, BLUE & GREEN, Color) in a concealed PVC modular box.       1.00       No.         c       Wiring in heavy duty PVC conduit of IS specification of proper size with 2 runs of 1.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RK Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from Computer Counter DB, AC DB, LDB, PDB outgoing to a set of indication lamp set (4 Nos. RED, YELLOW, BLUE & GREEN Color).       Mtrs         R12       SITC of Angle holder complete in all respect with 9W LED lamp       3.00       Nos.         R13       SITC of Jug Core/ STRIP LIGHT WITH ITS ELECTRONIC DRIVER( BLUE 65.00       Mtrs         as required. PHILIPS, WIPRO, HAVELLS, CG.       1.00       Nos.         R14       Supply and laying of ISI mark Electrical safety Insulating mat of dimension 1000mm X 1000mm in UPS Room.       1.00       Nos.         C1       SITC of surface mounted 20W LED batten light fitting of approved model & make. (contractor to get the model approved from bank before installation)       27.00       Nos.         C2       SITC of 10W LED Down Lighter of approved make       68.00       Nos.       27.00       Nos.         C3       SITC of 1200mm VELD COB / Spot Light of approved make       68.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
at Night", Switch Off For Safety, etc       4.00       Nos.         b       SITC of a set of indication lamp set (4 Nos. RED, YELLOW, BLUE & GREEN Color) in a concealed PVC modular box.       1.00       No.         c       Wiring in heavy duty PVC conduit of IS specification of proper size with 2 runs of 1.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with alt material supply installation and commissioning completer from Computer Counter DB, AC DB, LDB, PDB outgoing to a set of indication lamp set (4 Nos. RED, YELLOW, BLUE & GREEN Color).       Mtrs         R13       SITC of LED COVE/ STRIP LIGHT WITH ITS ELECTRONIC DRIVER (BLUE COLOUR):- SITC of bright LED strip light with its electronic driver complete as required. PHILIPS, WIPRO, HAVELLS, CG.       Mtrs         R14       SUPTO of SIT mark Electrical safety Insulating mat of dimension 1000mm X 1000mm in UPS Room.       1.00       Nos.         C       FIXTURES/FANS (All light fixtures and fans to be supplied COMMERCIAL MODELS only)       27.00       Nos.         C1       SITC of Surface mounted 20W LED batten light including required hanging arangement wherever required       7.00       Nos.         C3       SITC of 120 CD CO S / Spot light of approved model & get the model approved from bank before installation)       6.00       Nos.         C4       SITC of 1200mm V900m Ceiling Fan of approved make.       6.00       Nos.       6.00	R11	FIRE & ELECTRICAL SAFETY INDICATION				
Color) in a concealed PVC modular box.       1.00       No.         c       Wiring in heavy duty PVC conduit of IS specification of proper size with 2 runs of 1.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from Computer Counter DB, AC DB, DB, PDB outgoing to a set of indication lamp set (4 Nos, RED, YELLOW, BLUE & GREEN Color).       Mtrs         R12       SITC of Angle holder complete in all respect with 9W LED lamp       3.00       Nos.         R13       SITC of LD COVE/ STRIP LIGHT WITH ITS ELECTRONIC DRIVER( BLUE COLOUR):- SITC of bright LED strip light with its electronic driver complete as required. PHILPS, WIPRO, HAVELLS, CG.       Mtrs         R14       Supply and laying of ISI mark Electrical safety Insulating mat of dimension 1000mm x 1000mm in UPS Room.       Nos.         C       FINTURES/FANS (All light fixtures and fans to be supplied COMMERCIAL MODELS only)       Nos.         C1       SITC of surface mounted 20W LED batten light including required hanging arangement wherever required       7.00       Nos.         C3       SITC of 10W LED DOV Light of approved model & make (contractor to get the model approved model & make (contractor to get the model approved model & make (contractor to get the model approved model & make (contractor to get the model approved model & make (contractor to get the model approved model & make (contractor to get the model approved from bank before installation)       Nos.         C1       SITC of 10W LED COB / Spot lig	a		4.00	Nos.		
of 1.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from Computer Counter DB, AC DB, LDB, PDB outgoing to a set of indication lamp set (4 Nos. RED, YELLOW, BLUE & GREEN Color).MtrsR12SITC of Angle holder complete in all respect with 9W LED lamp COLOUR):- SITC of bright LED strip light with its electronic driver complete as required. PHILIPS, WIPRO, HAVELLS, CG.3.00Nos.R14Supply and laying of ISI mark Electrical safety Insulating mat of dimension 1000mm X 1000mm in UPS Room.1.00Nos.CFIXTURES/FANS (All light fixtures and fans to be supplied COMMERCIAL MODELS only)27.00Nos.C1SITC of surface mounted 20W LED batten light including required hanging arangement wherever required7.00Nos.C2SITC of 10W LED Down Lighter of approved make arangement wherever required68.00Nos.C3SITC of 1200 mW LED both Light of approved make arangement wherever required from bank before installation)Nos.C4SITC of 1400 LED Down Lighter of approved make get the model approved from bank before installation)Nos.C5SITC of 450mm Wall Mounted full metal body Fan of approved make.1.00Nos.C6SITC of 1200mm / 900mm Ceiling Fan of approved make with required down rod and hanging arrangement1.00Nos.	b		1.00	No.		
R13       SITC of LED COVE/ STRIP LIGHT WITH ITS ELECTRONIC DRIVER( BLUE COLOUR):- SITC of bright LED strip light with its electronic driver complete as required. PHILIPS, WIPRO, HAVELLS, CG.       Mtrs         R14       Supply and laying of ISI mark Electrical safety Insulating mat of dimension 1000mm X 1000mm in UPS Room.       1.00       Nos.         CAPITAL ITEMS       FIXTURES/FANS (All light fixtures and fans to be supplied COMMERCIAL MODELS only)       Nos.       2000         C1       SITC of 36W 2' X 2' Square decorative LED light fitting of approved model & make. (contractor to get the model approved from bank before installation)       27.00       Nos.         C2       SITC of surface mounted 20W LED batten light including required hanging arangement wherever required       68.00       Nos.         C3       SITC of 5.7W LED COB / Spot light of approved model & make (contractor to get the model approved from bank before installation)       0.00       Nos.         C4       SITC of 5.7W LED COB / Spot light of approved model & make (contractor to get the model approved from bank before installation)       0.00       Nos.         C5       SITC of 450mm Wall Mounted full metal body Fan of approved make.       10.00       Nos.       1.00         C6       SITC of 1200mm / 900mm Ceiling Fan of approved make with required down rod and hanging arrangement       1.00       Nos.       1.00	с	of 1.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from Computer Counter DB, AC DB, LDB, PDB outgoing to a set of indication lamp set (4 Nos.	5.00	Mtrs		
COLOUR):- SITC of bright LED strip light with its electronic driver complete as required. PHILIPS, WIPRO, HAVELLS, CG.MtrsR14Supply and laying of ISI mark Electrical safety Insulating mat of dimension 1000mm X 1000mm in UPS Room.1.00Nos.CFATURES/FANS (All light fixtures and fans to be supplied COMMERCIAL MODELS only)IIICFIXTURES/FANS (All light fixtures and fans to be supplied COMMERCIAL 	R12	SITC of Angle holder complete in all respect with 9W LED lamp	3.00	Nos.		
1000mm X 1000mm in UPS Room.1.00Nos.Nos.CAPITAL ITEMSFIXTURES/FANS (All light fixtures and fans to be supplied COMMERCIAL MODELS only)C1SITC of 36W 2' X 2' Square decorative LED light fitting of approved model & make. (contractor to get the model approved from bank before installation)27.00Nos.C2SITC of surface mounted 20W LED batten light including required hanging arangement wherever required7.00Nos.Nos.C3SITC of 10W LED Down Lighter of approved model & make (contractor to get the model approved from bank before installation)6.00Nos.C4SITC of 450mm Wall Mounted full metal body Fan of approved make.10.00Nos.C5SITC of 1200mm / 900mm Ceiling Fan of approved make with required down rod and hanging arrangement1.00Nos.	R13	COLOUR):- SITC of bright LED strip light with its electronic driver complete	65.00	Mtrs		
CFIXTURES/FANS (All light fixtures and fans to be supplied COMMERCIAL MODELS only)Image: Comparison of the model approved from bank before installation)Image: Comparison of the model approved from bank before installation)Image: Comparison of the model approved from bank before installation)Nos.C2SITC of surface mounted 20W LED batten light including required hanging arangement wherever required7.00Nos.Nos.C3SITC of 10W LED Down Lighter of approved make68.00Nos.Image: Comparison of the model approved model & make (contractor to get the model approved from bank before installation)Nos.Image: Comparison of the model approved makeC4SITC of 450mm Wall Mounted full metal body Fan of approved make.10.00Nos.Image: Comparison of the model approved make with required down rod and hanging arrangementNos.	R14		1.00	Nos.		
CFIXTURES/FANS (All light fixtures and fans to be supplied COMMERCIAL MODELS only)Image: All and						
C1SITC of 36W 2' X 2' Square decorative LED light fitting of approved model & make. (contractor to get the model approved from bank before installation)Z7.00Nos.C2SITC of surface mounted 20W LED batten light including required hanging arangement wherever required7.00Nos.Nos.C3SITC of 10W LED Down Lighter of approved make68.00Nos.C4SITC of 5-7W LED COB / Spot light of approved model & make (contractor to get the model approved from bank before installation)6.00Nos.C5SITC of 450mm Wall Mounted full metal body Fan of approved make.10.00Nos.C6SITC of 1200mm / 900mm Ceiling Fan of approved make with required down rod and hanging arrangementNos.		FIXTURES/FANS (All light fixtures and fans to be supplied COMMERCIAL				
arangement wherever required7.00Nos.C3SITC of 10W LED Down Lighter of approved make68.00Nos.C4SITC of 5-7W LED COB / Spot light of approved model & make (contractor to get the model approved from bank before installation)6.00Nos.C5SITC of 450mm Wall Mounted full metal body Fan of approved make.10.00Nos.C6SITC of 1200mm / 900mm Ceiling Fan of approved make with required down rod and hanging arrangement1.00Nos.	C1		27.00	Nos.		
C4SITC of 5-7W LED COB / Spot light of approved model & make (contractor to get the model approved from bank before installation)6.00Nos.C5SITC of 450mm Wall Mounted full metal body Fan of approved make.10.00Nos.C6SITC of 1200mm / 900mm Ceiling Fan of approved make with required down rod and hanging arrangement1.00Nos.	C2		7.00	Nos.		
get the model approved from bank before installation)6.00Nos.C5SITC of 450mm Wall Mounted full metal body Fan of approved make.10.00Nos.C6SITC of 1200mm / 900mm Ceiling Fan of approved make with required down rod and hanging arrangement1.00Nos.	C3	SITC of 10W LED Down Lighter of approved make	68.00	Nos.		
C6       SITC of 1200mm / 900mm Ceiling Fan of approved make with required down rod and hanging arrangement       1.00       Nos.	C4		6.00	Nos.		
C6       SITC of 1200mm / 900mm Ceiling Fan of approved make with required down rod and hanging arrangement       1.00       Nos.	C5	SITC of 450mm Wall Mounted full metal body Fan of approved make.	10.00	Nos.		
	C6		1.00	Nos.		
C7 SILC of 9 metal body exhaust fan of approved make. 4.00 Nos.	C7	SITC of 9" metal body exhaust fan of approved make.	4.00	Nos.		