	BOQ FOR THE ELECTRICAL WORKS FOR SPECIALIZED GOVERNMENT BUSINESS BRANCH, GUWAHATI					
CI No I	CAL WORKS					
Sl. No	Description	Unit	Qty	Rate	Amount	
	ECTION-A					
-	MAIN SWITCH					
	J.T.C of following MCCB Unt with MCCB in sheet steel enclosure on M.S. angle frame / M.S. legs					
I I	on wall complete with interconnection, mending good damages to original finish, painting, etc. as equired.					
-	3A 4P 25 KA MCCB	No.	1			
	.I.T.C. of Factory ManufacturedSingle / 3 Phase & Neutral Double Door Distribution board made out					
	of 16 SWG sheet steel enclosure with cutouts for operating MCB/MCCB/RCCB etc. knobs & consisting					
2 of	f Phase, Neutral & Earth Busbars with tapped holes , phase barriers, & covers with removable plates					
	n Top & bottom for Incoming & Outgoing Cables . D.B.'s shall be flush mounting type for both single					
£	t three phase.					
1 2 1 1	.I.T.C. of TPN 4way Double Door Vertical Distribution Board with following					
M	A.C.B./M.C.C.B./RCCB & cable end boxes at Input & Output. [Main VTPN]					
I —	Pole ,Type C, 163 Amp 30KA MCCB as Incomer - 1 no.s					
I –	3A DP "C" Class MCB . for input to LDB - 1 Nos					
	0A DP "C" Class MCB for input to Raw PDB- 1 Nos. (Water Dispenser, Mobile Charger & Ancilary ervices Load)					
. ⊢	0A TPN "C" Class MCB for input to ACDB- 1 Nos.					
	2 DP "C" Class MCCB for Inverter INPUT AND OUTPUT- 2 Nos,					
	25. 3 3.005.005.00 10.000.00 10.000.00 21.000,					
	lote- Rates Shall be inclusive of S.I.T.C. 3X35 sqmm Armoured alluminimum cable from the	No.	1			
I	Main LT panel to the main DB including 4 X10 Sq.mm. F.R.L.S. Copper Flexible wires with 2 X					
	O Samm Copper Earth Wires in Rigid MS conduit from 100 A MCCB in Metal Box (Metering					
	Cabinet) at the output of Br. Meter to Main DB and any other ancillary items as directed by					
<u>  E</u>	ingineer-in-Charge/ Architect.					
	late FOR AC POINTS Retay Shall be including of S. I.T. C. of A. v. Comma. 2. 2v. A. 0. mm. 2. F. R. I. S.					
	<u>Note- FOR AC POINTS Rates Shall be inclusive of S.I.T.C. of 4 x 6.0mm2 + 2x4.0 mm2 F.R.L.S.</u> Topper flexible wires in 19/20 mm. MS conduit from Main Panel To AC points					
	ection B ACB DISTRIBUTION BOARD					
	upplying, installation, testing and commissioning of surface/recess mounting, 220/415 volts brewired MCB distribution boards with all switchgears as specified below, of sheet steel, dust					
I 1'	protected, duly phosphatized and powder painted, inclusive of 200 amps tinned uniformly rated					
I	electrolytic copper bus-bar, common neutral link, earth bar, din bar for mounting MCB/MCCB/RCCBs					
	letachable gland/knock out plates and with built in loose wire box, and superior make terminal					
	onnectors for all incoming and outgoings circuits, duly prewired with adequate size of FR MS					
	nsulated copper conductor upto the terminal connector/neutral link and ready for installation as pecified below:					
<u> </u>	LT C OCL D D LUCID DD LUCIDT (LICIT DD)					
3.1. S.	.I.T.C. Of L.D.B. [MCB DB- LIGHT] (LIGHT DB)					
3.1. <b>S</b> .	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the					
3.1. S. S. ci	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated	No	1			
3.1. S. S. ci	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated rom the body) -	No.	1			
3.1. S. S. ci a.1. fr	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated	No.	1			
3.1. S. S. ci a.1. fr 2.	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated rom the body) - 25A, 30 mA, DP MCCB as incomer - 1 Nos, A/16/25 SP MCB as outgoing -10 Nos.	No.	1			
3.1. S. S. ci a.1. fr 22. 6.	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated rom the body)5A, 30 mA, DP MCCB as incomer - 1 Nos,	No.	1			
3.1. S. S. ci a.1. fr 2: 6.	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated rom the body) - 15A, 30 mA, DP MCCB as incomer - 1 Nos, A/16/25 SP MCB as outgoing -10 Nos.  **Idete- Rates Shall be inclusive of S.I.T.C. of 3X 2.5 Sq.mm. F.R.L.S. copper flexible wires in	No.	1			
3.1. S. S. ci a.1. frr 22. 66. N. 11. b S.	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated rom the body) - 15A, 30 mA, DP MCCB as incomer - 1 Nos, 6A/16/25 SP MCB as outgoing -10 Nos.  Note- Rates Shall be inclusive of S.I.T.C. of 3X 2.5 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main D.B To L.D.B	No.	1			
3.1. S. S. ci a.1. frr 22: 66. M. 11. b S. S. In b.1.	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated rom the body) -  15A, 30 mA, DP MCCB as incomer - 1 Nos,  16A/16/25 SP MCB as outgoing -10 Nos.  16Ote- Rates Shall be inclusive of S.I.T.C. of 3X 2.5 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main D.B To L.D.B  1.I.T.C. of P.D.B. [MCBDB-POWER] (Raw Power DB)  1.I.T.C. of SPN 12 way Single door D.B. with necomer 40Amp 30mA, DP MCCB - 1 No.					
3.1. S. S. ci a.1. fr 2! 6. M 11 b S. s. b.1. 11	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated rom the body) -  15A, 30 mA, DP MCCB as incomer - 1 Nos,  16A/16/25 SP MCB as outgoing -10 Nos.  16Ote- Rates Shall be inclusive of S.I.T.C. of 3X 2.5 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main D.B To L.D.B  1.I.T.C. Of P.D.B. [MCBDB-POWER] (Raw Power DB)  1.I.T.C. of SPN 12 way Single door D.B. with necomer 40Amp 30mA, DP MCCB - 1 No. 0/25A SP MCB-10 Nos.	No.	1			
3.1. S. S. ci a.1. fr 2! 6/ M 11 b S. S. b.1. 11	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated rom the body) -  15A, 30 mA, DP MCCB as incomer - 1 Nos,  16A/16/25 SP MCB as outgoing -10 Nos.  16Index Rates Shall be inclusive of S.I.T.C. of 3X 2.5 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main D.B To L.D.B  16.1.T.C. Of P.D.B. [MCBDB-POWER] (Raw Power DB)  16.1.T.C. of SPN 12 way Single door D.B. with necomer 40Amp 30mA, DP MCCB - 1 No.  16.10/25A SP MCB-10 Nos.  17 with all wiring connections. (Max. 2 Points to be looped on one MCB, 3 nos. in exceptional case.)					
3.1. S. S. ci a.1. fr 2.6 6 M 1: b S. S. b.1. 10 ww	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated rom the body) -  1.5A, 30 mA, DP MCCB as incomer - 1 Nos, 1.6A/16/25 SP MCB as outgoing -10 Nos.  1.6A/16/25 SP MCB inclusive of S.I.T.C. of 3X 2.5 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main D.B To L.D.B  1.6A/16/25 SP MCB-10 Nos.  1.6A/16/25 SP MCB-10 Nos					
3.1. S. S. ci a.1. fr 2. 6.  M_1. b S. b.1. ln ww	the I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) -  1.5A, 30 mA, DP MCCB as incomer - 1 Nos, 1.6A/16/25 SP MCB as outgoing -10 Nos.  1.6A/16/25 SP MCB as outgoing -10 Nos.  1.6A/16/25 SP MCB inclusive of S.I.T.C. of 3X 2.5 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main D.B To L.D.B  1.1.T.C. Of P.D.B. [MCBDB-POWER] (Raw Power DB)  1.1.T.C. of SPN 12 way Single door D.B. with necomer 40Amp 30mA, DP MCCB - 1 No.  1.0/25A SP MCB-10 Nos.					
3.1. S. S. ci a.1. fr 2.6 M 11 b S. b.1. lin w N N R C S.	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated rom the body)  15A, 30 mA, DP MCCB as incomer - 1 Nos, MA/16/25 SP MCB as outgoing -10 Nos.  16te- Rates Shall be inclusive of S.I.T.C. of 3X 2.5 Sq.mm. F.R.L.S. copper flexible wires in 9/20 mm. MS conduit from Main D.B To L.D.B  1.1.T.C. Of P.D.B. [MCBDB-POWER] (Raw Power DB)  1.1.T.C. of SPN 12 way Single door D.B. with necomer 40Amp 30mA, DP MCCB - 1 No.  10/25A SP MCB-10 Nos.					
3.1. S. S. ci a.1. fr 2' 66  N1 1' b S. b.1. lin w N R C S.	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated rom the body) -  1.5A, 30 mA, DP MCCB as incomer - 1 Nos, 1.6A/16/25 SP MCB as outgoing -10 Nos.  1.6A/16/25 SP MCB as outgoing					
3.1. S. S. ci a.1. fr 22 66 N1 11 N N R C S. In	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated rom the body) -  1.5A, 30 mA, DP MCCB as incomer - 1 Nos, 1.6A/16/25 SP MCB as outgoing -10 Nos.  1.6A/16/25 SP MCB as outgoing					
3.1. S. S. ci a.1. fr 2' 6/ M/1' b S. S. b.1. lin ww M/R C S.	& I of 12 Way SPN, DB for distribution to all Light points of different areas (as indicated in the ircuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated rom the body) -  1.5A, 30 mA, DP MCCB as incomer - 1 Nos, 1.6A/16/25 SP MCB as outgoing -10 Nos.  1.6A/16/25 SP MCB as outgoing	No.	1			

	BOQ FOR THE ELECTRICAL WORKS FOR SPECIALIZED GOVERNMENT BUSINESS BRANCH, GUWAHATI				
	RICAL WORKS				
SI. No	Description	Unit	Qty	Rate	Amount
	Note- Rates Shall be inclusive of S.I.T.C. of 3 X 4 Sq.mm. F.R.L.S. Copper Flexible wires in				
	Rigid MS conduit from Main DB to MCBDB-UPS-1. (body to be earthed)		_		
d	S.I.T.C of 32 Amp. D.P. MCB in Metallic box for Inverter I./P. & O/P to LDB	No	2		
e	S.I.T.C of 32A DP MCB in Metallic box for UPS I./P.& O./P.	No	2		
f	S.I.T.C. Of ACDB [MCB DB- AC]				
	S.I.T.C. of 4 way Single door TPN Distribution Board with all wiring connections.				
	Incomer : -25A TPN 30mA RCCB : - 1 No.	No.	1		
	Outgoing: - 16/25A SP MCB: -6 Nos.				
	Note- Rates Shall be inclusive of S.I.T.C. of 4 x 6.0mm2 + 2x4.0 mm2 F.R.L.S. copper flexible				
	wires in 19/20 mm. Medium Guage MS conduit from Main Panel To ACDB				
	SECTION-C				
4	POINT WIRING				
	Supply & Installation of concealed point wiring using 3 x 1.5 sqmm stranded FRLS copper conductor in $\underline{\textit{M.S}}$ $\underline{\textit{Conduit}}$ including the cost of circuit wiring from the relevant DB's with 3x 1.5 sq mm stranded FRLS copper conductor in $\underline{\textit{M.S}}$ $\underline{\textit{Conduit}}$ . PIN GRIP Lugs should be used for connection/				
4.1	terminations at both the ends with proper colour coding of phase, neutral and earth wire (Phase R,Y,B Neutral-Black & Earth - Green Colour). The rate shall also include concealed M.S Box, Cover Plate and Switches of grid plate type switches and sockets of approved shade and make as approved				
	by Bank / Architect. Each circuit should not have more than 8 points / 800 W in one loop as per the following configuration.				
a (i)	Primary light points/ Loop Point including the cost of 6A switch	Pts	41		
(ii)	Primary light points including the cost of 6A switch in UPS Power	Pts	8		
b	Secondary 6A Plug point on switch board. [SO]	Pts	5		
С	16/6 A Plug Point directly taken from PDB for hotplate/geyser / zerox / fridger etc.	Pts	3		
d	Exhaust fan/ Wall Fan point consisting of 6A socket near fan and switch on light switch board	Pts	14		
е	Ceiling Fan Point with modulat type regulator	Pts	3		
	Wiring for Signages with 2R x2.5 Sq.mm and 1 Rx 1.5 Sq.mm, PVC insulated copper conductor				
f	flexible cable to be connected to the SPN D/D consumer along with a Timer and Contactor unit installed in Electrical Room room	Set	1		
g	S.I.T.C. of call bell with bell point .	Nos.	2		
4.2	COMPUTER/ RAW POWER WIRING				
	Note- All sockets should be placed below the workstations as mentioned in the drawings but the				
	controlling switch should fixed above the work stations and at place as directed by the architect				
a	Supply & Installation of concealed UPS or stabilized power plug points on workstations / table for computers using 3 x 2.5 sqmm stranded FRLS copper conductor in <u>M.S Conduit</u> including the cost of circuit wiring from the relevant DB's with 3 x 4.0 sq mm stranded FRLS copper conductor in <u>M.S Conduit</u> . PIN GRIP Lugs should be used for connection/ terminations at both the ends with proper colour coding of phase, neutral and earth wire ( Phase R,Y,B Neutral-Black & Earth - Green Colour). Each point shall consist of 3 Nos of 6A/16A 2 / 3 Pin sockets and 1 No 16A switch, wired together forming one point. Switches and sockets to be of approved shade and make. ( Only 2 tables served by one circuit from UPS DB/ Not more than 2 points shall be permitted per loop) Cost is inclusive of necessary cutting the walls/ partitions and carrying all the wires through <u>M.S Conduit</u> and againg finishing the walls with Putty/ Cement/ POP to receive the final paint [SOC]	Pts	8		
b	S & I of points similar to above but to be used as raw power point on the tables consisting of one 6/16A socket with switch of other color and flexible cable of black color & circuit taken from Raw Power DB ( 2 tables ( Maximum 3) served by one circuit from LDB/PDB) Taken Above False ceiling and through walls/ partitions inside M.S. Conduits as raceways are not provided. Cost is inclusive of necessary cutting the walls and including M.S. Conduits as required for taking the wires.	Pts	10		
	SECTION-D				
5	EARTHING				

ELECTRICAL WORKS    No   Description   Description   Color   C		BOQ FOR THE ELECTRICAL WORKS FOR SPECIALIZED GOVERNMENT BUSINESS BRANCH, GUWAHATI						
Earthing with copper earth plate 600 mm x 600mm x 3 mm thick including accessories, and providing masonary enclosure with tower plate having locking arrangement and a vatering pipe etc. with charcoal or coke and salt complete as required. (For panels, serve stabilizer and IT system) rear acts hall be inclusive of necessary 8 SWG dia copper wire on surface or in recess for loop earthing as required.  Notes Test Certificate for Earthing Shall be submitted with final bill for processing of final bill for payment  SECTIONE  6. UGHTING FIXTURES (Baja) or equivalent)  5. 8. 1 of lighting fixtures as per the detaits given below including necessary hardware such as clamps, such solts, solts, recess and supersoin chains as required for fixing the fixtures in position as directed by architect. / Consultant.  6. PAME_UGHT_IDEJ. Uses Sim LED Panel made from extruded aluminium housing frame (recess / pendanc) 2ft. x 2ft., wattage-30w, CCT - 4000 K, of Phillips, havels, Baja), Wipro or equilivent as approved by the Engineer-incharger Architect.  6. DOWN_UGHT_IDEJ. Round LED recess-mounted designer panel with aluminium die cast housing , Wattage-10W, CCT - 4000 K of Phillips, Havels, Baja). Wipro or equilivent as approved by the Signeer-incharger Architect.  6. S.1.T.C. of 12/13 Watta 6000/6500 K, (a 220 lumens) Recessed/Surface mounted LED Down Lighting Fixtures with fixing accessories. As Emergency Light  1200 MM TURE_UGHT_IDEL_LED batter tubes, Giaze LED Batten, High quality aluminium extruded d with decorative end caps, Wattage-20W, CCT - 4000 K, of Phillips, Havels, Baja), Wipro or equilivent as approved by the Engineer-incharger Architect.  5. S.1.T.C. of 12/13 Watta 6000/6500 K, (a 220 lumens) Recessed/Surface mounted LED Down Lighting for high provided by the Engineer-incharger Architect.  5. Supplying including fitting fixing of following star rated new 400-450 mm ale bracket/wall fan in prov body and prob lade of the charger Architect.  5. Supplying including fitting fixing of following star rated new 400-450 mm ale	ELECTRICAL WORKS							
and providing masonary enclosure with cover plate having locking arrangement and state tomplete as required. (For panels, serve Stabilizer and IT system)The rate shall be inclusive of necessary 8 SWG dia copper wire on surface or in recess for loop earthing as required.  Note: Test Certificate for Earthing Shall be submitted with final bill for processing of final bill for payment  SECTIONE  6. LiGHTING FITURES (8bja) or equivalent)  5. 8 1 of lighting fistures as per the details given below including necessary hardware such as clamps, russ, boths, nails, screws and supersion chains as required for fixing the fistures in position as directed by architect. Consolidant.  a PAMEL LIGHT [PLF]: Ultra Slim LED Panel made from extruded aluminium housing frame (recess / pendant) 21x 2 kT, whatego-gloW, CCT- 4000 K, of Phillips, Havels, Sajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  by ONYM LEDERT [PLF]: Rould Direcess-mounted designer panel with aluminium dic cast housing, whatego-gloW, CCT- 4000 K, of Phillips, Havels, Sajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  c S. 1.F.C. of 12/13 walt 6000/6500 K, (2 220 lumens) Receased/Surface mounted LED Down Lighting Fluxtures with fixing accessories. As Emergency Lights  divide Marcharde Architect.  c S. 1.F.C. of 12/13 walt 6000/6500 K, (2 220 lumens) Receased/Surface mounted LED Down Lighting Provided with decorative end caps, Watage-20W, CCT 4000 K, of Phillips, Havels, Bajaj, Wipro or equilivent Each as approved by the Engineer-incharge/ Architect.  supplying suckiding fitting fixing of following that related here with all accessories with necessary connection cable, as approved by the Deptt. etc. as required with all accessories with necessary connection cable, as approved by the Deptt. etc. as required with all accessories with necessary connection cable, as approved by the Deptt. acc. as required and sufficiently of the Bank.  a) 400-450 mm sweep9  5. A. 100 mm sweep9  5. A. 100 mm sweep9  5. A. 100 mm sweep	SI. No	·	Unit	Qty	Rate	Amount		
5.1 watering pipe etc. with charcoal or coke and salt complete as required. (for panels, servo stabilizer and IT system) Fear esh all be inclusive of necessary 8 SWG dia copper wire on surface or in recess for loop earthing as required.  Note: Test Certificate for Earthing Shall be submitted with final bill for processing of final bill for payment.  SECTIONE:  6. LIGHTING FIXTURES (Bajaj or equivalent)  5. S 1 of lighting fixtures as per the deaths given below including necessary hardware such as clamps, nuts, brits, nuts, screws and supersion chains as required for fixing the fixtures in position as directed by architect. / Convolunt.  a. PARE LIGHT [PL]: Utta Slim LED Panel made from extruded aluminium housing frame (recess / pendant) 21t. x 21t. y. Wottage-20W, CCT-4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharged Architect.  b. DOWN LIGHT [DL]: Round LED recess-mounted designer panel with aluminium dic cash housing , Wattage-20W, CCT-4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharged Architect.  S. S. 1. T. C. 071271 Watt 6000/5500 K,( 2720 lumens) Recessed/Surface mounted LED Down Lighting Philips accessories. As Emergency Light  1200 MIT IZER LIGHT [LI]: LED batten tubes, Glaze LED Batten, High quality aluminium extruded with decorative end caps, Wattage-20W, CCT-4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharged Architect.  Supplying including fitting fixing of following star rated new 400-450 mm dia bracket/wall fan in pre body and pro Bade of Havelley Orient Chrompton or equivalent of approved make , complete with all accessories with necessary connection cable, as approved by the Deptime chindreg description in the properties and as directed by the Bank  a) 400-450 mm sweep  4. Supply and fixing of following star rated new 400-450 mm dia bracket/wall fan in pre body and probaded of Havelley Orient Chrompton or equivalent of properties with all accessories with necessary								
stabilizer and IT system/The rate shall be inclusive of necessary 8 SWG dia copper wire on surface or in recess for loop earthing as required.  Note- Test Certificate for Earthing Shall be submitted with final bill for processing of final bill for payment.  SECTIONE  6. LIGHTING FIXTURES (Bajaj or equivalent)  5.8 it of lighting fixtures as per the details given below including necessary hardware such as clamps.mus. boils, nails, screws and superison chains as required for fining the fixtures in position as directed by architect. Consostaint.  a PAMEL LIGHT (PL) - Ultra Slim LED Panel made from extruded aluminium housing frame (recess / pendant) 21x 21t, vivates-gow, CCT- 4000 K, of Phillips, Havelts, Bajaj, Wipro or equilivent as no 14 approved by the Engineer-incharged Architect.  b DOWN LIGHT (DL) - Round LED recess-mounted designer panel with aluminium die cast housing , wattage-law, CCT - 4000 K, of Phillips, Havelts, Bajaj, Wipro or equilivent as approved by the Engineer-incharged Architect.  c S.1.T.C. of 12/13 watt 6000/6500 K, 1720 lumens) Recessed/Surface mounted LED Down Lighting Fixtures with fring accessories. As Emergency Light  1200 MM TUBE LIGHT (TL) - LED batten tubes, Glaze LED Batten, High quality aluminium extruded with decorative end caps, Wattage-20W, CCT - 4000 K, of Phillips, Havelts, Bajaj, Wipro or equilivent Each as approved by the Engineer-incharged Architect.  Supplying including fitting Wattage-20W, CCT - 4000 K, of Phillips, Havelts, Bajaj, Wipro or equilivent Each with all accessories with necessary connection cable, as approved by the Dept. set c. as required own by a proper body and pix blade of thevelts/ Orient/ Chrompton or equivalent of approved make, complete with all accessories with necessary connection cable, as approved by the Dept. set c. as required complete and as directed by the Bank.  a) 400-45 of 50 mm sweepe  6.4 Supply and fixing of 101 - 12* Metal bladded exhaust fans with louvers. [EF]  EACH 4  8.5 1200mm and a Celling Fan  CACH 4  CACH 50 mm sweepe  A Led 64								
Surface or in recess for loop earthing Sarequired.  Note- Test Certificate for Earthing Shall be submitted with final bill for processing of final bill for payment  SECTION #  6. LIGHTING FIXTURES (Baja) or equivalent)  5. 8. 1 of lighting fixtures as per the details given below including necessary hardware such as of iterated by architect / Consultant.  5. 8. 1 of lighting fixtures as per the details given below including necessary hardware such as of iterated by architect / Consultant.  5. 1 clamps, nuts, botts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Consultant.  6. 2 PAME_LIGHT_[PL]. UITE SIME IED Panel made from extruded aluminium housing frame (recess / pendant) 2ft x 2ft , Wattage-30W, CCT-4000 K, of Phillips, Havelts, Baja), Wipro or equilivent as approved by the Engineer-incharger Architect.  6. DOWN LIGHT_[DL]. Round IED recess-mounted designer panel with aluminium die cast housing , Wattage-18W, CCT-4000 K, of Phillips, Havelts, Baja), Wipro or equilivent as approved by the Engineer-incharger Architect.  6. S.Inf. C. 12ft. 3W 4tt 6000/4500 K, (a 720 lumens) Recessed/Surface mounted LED Down Lighting fixtures with first gaccessories. As Emergency Light  6. S.Inf. Light Signal	5.1	1	Each	2				
Note- Test Certificate for Earthing Shall be submitted with final bill for processing of final bill for payment    SECTION:E  6. LIGHTING FIXTURES (Baja) or equivalent)  S. 8. 1 of lighting fixtures as per the details given below including necessary hardware such as clamps, nuts, bolts, nalls, screws and suspension chains as required for fining the fixtures in position as niferated by architect. Consultant.  a. PAMEL LIGHT (PLI Ultra Slim LED Panet made from extruded aluminium housing frame (recess / pendant); 21* x21*, wattas=20%, CCT-4000 K, of phillips, Havells, Baja), Wilpro or equilivent as no 14 approved by the Engineer-incharge/ Architect.  b. DOWN LIGHT (DLI.* Round LED recess mounted designer panet with aluminium die cast housing , Wattage-18%, CCT-4000 K, of Phillips, Havells, Baja), Wilpro or equilivent as approved by the Engineer-incharge/ Architect.  c. S. I.T.C. of 127.17 watt 46000/5500 K/, ar 270 lumens) Recessed/Surface mounted LED Down Lighting Fixtures with fining accessories. As Emergency Light Fixtures with fining accessories. As Emergency Light of with decorative end caps, Wattage-20%, CCT-4000 K, of Phillips, Havells, Baja), Wilpro or equilivent as approved by the Engineer-incharge/ Architect.  Supplying including fitting fixing of following star rated new 400-450 mm dia bracket/wall fan in px body and pxc blade of havels/ of finich (Chrompton or equivalent of approved make , complete with all accessories with necessary connection cable, as approved by the Engineer-incharge/ Architect.  supplying including fitting fixing of following star rated new 400-450 mm dia bracket/wall fan in px body and pxc blade of havels/ of finich (Chrompton or equivalent of approved make , complete with all accessories with necessary connection cable, as approved by the Departs of the same finite with all accessories with necessary connection cable, as approved by the Engineer-incharged with all accessories with necessary connection cable, as approved by the Departs of the part of the part of the part of th								
Final bill for payment   SECTIONE	ļ							
6. LIGHTING FIXTURES (Baja) or equivalent)  5. & I of lighting fixtures as per the details given below including necessary hardware such as clamps, nuts, botts, natis, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Consultant.  a PANEL LIGHT [PL] - Ultra Slim LED Panel made from extruded aluminium housing frame (recess / pendant); 21 x. 21r. Wattage-30W, CCT - 4000 K, of Phillips, Havelts, Bajaj, Wipro or equilivent as approved by the Engineer-incharge / Architect.  b DOWN LIGHT [PL] - Round LED recess-mounted designer panel with aluminium die cast housing , Wattage-18W, CCT - 4000 K, of Phillips, Havelts, Bajaj, Wipro or equilivent as approved by the Engineer-incharge / Architect.  c S. S.I.T.C. of 12/13 Watt 0000/6500 K, 3720 lumens) Recessed/Surface mounted LED Down Lighting Fixtures with fixing accessories. As Emergency Light  1200 MM TUBE LIGHT [TL] - LED batten tubes, Glaze LED Batten, High quality aluminium extruded with decorative end caps, Wattage-20W, CCT - 4000 K, of Phillips, Havelts, Bajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  Supplying including fitting fixing of following star rated new 400 - 450 mm dia bracket/wall fan in the supplying including fitting fixing of following star rated new 400 - 450 mm dia bracket/wall fan in provided by the Engineer-incharge/ Architect.  supplying including fitting fixing of following star rated new 400 - 450 mm dia bracket/wall fan in provided and as directed by the Bank.  a) 400 - 450 mm sweep  6.3 with all accessories with necessary connection cable, as approved by the Deptt.s etc. as required completed and as directed by the Bank.  a) 400 - 450 mm sweep  6.4 Supply and fixing of 10 - 12" Metal bladded exhaust fans with louvers. [EF]  EACH 10  6.5 1200mm dis Celling Fan  7. LAN ACCESSORIES  Supplying, Laying and termination of 4 pair Copper solid, twisted pair G600 CAT-6 cables through specified dta MS conduits / raceways. Cables must meet and exceed category 6/ class E s		· · · · · · · · · · · · · · · · · · ·						
6 LIGHTING FIXTURES (Bája) or equivalent) 5 â 1 of tighting fixtures as per the details given below including necessary hardware such as 6.1 clamps, nuts, botts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Consultant.  a PAPEL_LIGHT [PL] - Units Slim LED Panel made from extruded aluminium housing frame (recess / pendant) 2ft x 2ft , Wattage-30W, CCT - 4000 K, of Phillips, Havelts, Bajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  b DOWN LIGHT [DL] - Round LED recess-mounted designer panel with aluminium die cast housing , Wattage-81W, CCT - 4000 K, of Phillips, Havelts, Bajaj, Wipro or equilivent as approved by the figure of the control of the property of the pendant o								
5 & 1 of lighting fixtures as per the details given below including necessary hardware such as clamps, must, boths, nalls, screws and suspension chains as directed by architect? Crossulant.  a PANEL LIGHT [PL] - Ultra Stim LED Panel made from extruded aluminium housing frame (recess / pendant); 21x - 21r, wastega-30W, CCT - 4000 K, of Phillips, Havelts, Bajaj, Wipro or equilivent as No 14 approved by the Engineer-incharge? Architect.  b <u>ODWM LIGHT [PL]</u> - November of Panel Stage and Stage 18W, CCT - 4000 K, of Phillips, Havelts, Bajaj, Wipro or equilivent as approved by the Engineer-incharge? Architect.  c S.I.T.C. of 12/13 Watt 6000-6500 K.( 2720 lumens) Recessed/Surface mounted LED Down Lighting No 8 Phillips, Havelts, Bajaj, Wipro or equilivent as approved by the Engineer-incharge? Architect.  c S.I.T.C. of 12/13 Watt 6000-6500 K.( 2720 lumens) Recessed/Surface mounted LED Down Lighting No 8 Phillips, Havelts, Bajaj, Wipro or equilivent as approved by the Engineer-incharge? Architect.  Supplying including fitting fixing of following star rated new 400-450 mm dia bracket/wall fan in 6 per body and pre blade of Havelts? Orient? Chrompton or equivalent of approved make, complete with all accessories with encessary connection cable, as approved by the Engineer-incharge? Architect.  supplying including fitting fixing of following star rated new 400-450 mm dia bracket/wall fan in 6.3. Pre-body and pre blade of Havelts? Orient? Chrompton or equivalent of approved make, complete with all accessories with encessary connection cable, as approved by the Engineer-incharge? Architect.  3. 1400-450 mm sweep 1.0. Pre-body and pre-blade of Havelts? Orient? Chrompton or equivalent of approved make, complete with all accessories with encessary connection cable, as approved by the Deptt. acc. as required with all accessories with encessary connection cable, as approved by the Deptt. acc. as required and as directed by the Bank  a) 4000-450 mm sweep  5. 10 Panel Marchitect 19 Panel Marchitect 19 Panel Marchitect 19 Panel March	$\vdash$							
6.1 clamps,nuts, bolts, nalls, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Crossultant.  a PANEL LIGHT [PL] - Ultra Slim LED Panel made from extruded aluminium housing frame (recess / perhadnt) 2 ft x 2ft . Wattage-30W, CCT-4000 K, of Phillips, Havells, Bajal, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  b <u>DOWN LIGHT [PL]</u> - Round LED recess-mounted designer panel with aluminium die cast housing , Wattage-18W, CCT-4000 K, of Phillips, Havells, Bajal, Wipro or equilivent as approved by the figure of the control of the part of the figure of the control of the figure of the figure of the control of the figure of the control of the figure of the figure of the control of the control of the figure of the control of	6							
as directed by architect / Consultant.  a PANEL LIGHT [PL] - Ultra Slim LED Panel made from extruded aluminium housing frame (recess / pendant) 2ft x 2ft , Wattage-30W, CCT-4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  DOWN LIGHT [PL] - Round LED Recess-mounted designer panel with aluminium die cast housing , Wattage-18W, CCT-4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  c S. I.T.C. of 12/13 Watt 6000/6500 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  c S. I.T.C. of 12/13 Watt 6000/6500 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  Journal of March 12 Control of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  Supplying including fitting fixing of following star rated new 400-450 mm dia bracket/wall fan in public of havells of orient Chrompton or equivalent of approved make complete with all accessories with necessary connection cable, as approved by the Deptt. s etc. as required complete and as directed by the Bank  a) 400-450 mm sweep  6.3 Supplying including fitting fixing of 100-12" Metal bladded exhaust fans with louvers. [EF] EACH 10  6.4 Supply and fixing of 10"-12" Metal bladded exhaust fans with louvers. [EF] EACH 4  5. Supplying laying and termination of 4 pair Copper solid, twisted pair G600 CAT-6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC1801, CENIEC ENS0173 at Tha 568-82-1, and providing it erminating with Accessional Science of the Science of Accessional Science Plate is Termination of LaN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No Conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC1801, CENIEC ENS0173 in Tha 568-82-1, and providing it erminating with								
a PANEL LIGHT [PL] - Ultra Stim LED Panel made from extruded aluminium housing frame (recess / pendant) 2ft x 2ft , Wattage-30W, CCT-4000 K, of Phillips, Havels, Bajaj, Wipro or equilivent as approved by the Engineer-incharger / Architect.  b _ DOWN_LIGHT [DL] - Round LED recess-mounted designer panel with aluminium dic cast housing , wattage-18W, CCT-4000 K, of Phillips, Havels, Bajaj, Wipro or equilivent as approved by the Engineer-incharger / Architect.  c _ S.I.T.C. of 12/13 Watt 6000/6500 K, 12/20 lumens) Recessed/Surface mounted LED Down Lighting Fixtures with fixing accessories. As Emergency Light  1200 MM TUBE LIGHT [TL] - LED batten tubes, Glaze LED Batten, High quality aluminium extruded with decorative end caps, Wattage-20W, CCT-4000 K, of Phillips, Havels, Bajaj, Wipro or equilivent as approved by the Engineer-incharger / Architect.  Supplying including fitting fixing of following star rated new 400-450 mm dia bracket/wall fan in possible for the complete with all accessories with necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Bank  a) 400-450 mm sweep  a) 400-450 mm sweep  a) 400-450 mm sweep  a) 400-450 mm sweep  Supplying, Javing and termination of 4 pair Copper solid, twisted pair G600 CAT-6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6 / class E standards requirements in ISO/IECT1801, CENELEC ENDIOT3 at Tla 568-82-1. and providing it terminaling with R. 14/45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room individual work stations and terminating orther end with R. J-45 connector including numbering with ferule. Note: Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  d) Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (fluciding one extra in BM and 1 No for CCTV)  Sam	0.1							
pendant) 2ft x 2ft , Wattage-30W, CCT- 4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  b	<u> </u>							
approved by the Engineer-incharge/ Architect.  b	°		No	1.1				
b DOWN LIGHT [DL] - Round LED recess-mounted designer panet with aluminium die cast housing , Wattage-18W, CCT - 4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Round February of the Solitor of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Round February with fixing accessories. As Emergency Light  1200 MM TUBE LIGHT [TL] - ED batten tubes, Glaze LED Batten, High quality aluminium extruded with decorative end caps, Wattage-20W, CCT - 4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent is as approved by the Engineer-incharge? Architect.  Supplying including fitting fixing of following star rated new 400 - 450 mm dia bracket/wall fan in power of year of the Bank  3 400 - 450 mm sweep  6.4 Supply and fixing of 10" - 12" Metal bladded exhaust fans with louvers.[EF] EACH 10  6.5 1200mm dia Ceiling Fan  7 LAN ACCESSORIES  Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT-6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC ENSO173 & TIA 568-B2-1. and providing & terminating with Rore places / 1/0 Ports in suitable modular / NS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  8 Acc Pourt Managed Switches 10/100 MBPS HP- 2530-24- Product Code J9782A  Nos 1  7.1 Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including one extra in BM and 1 No for CCTV)  Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including Condition) of CLAN Cable etc. of Compscope/ D'Link Make (Including Condition) of CLAN Cable etc. of Compscope/ D'Link Make (Including Condition) of CLAN Cable etc.			NO	14				
Wattage-18W, CCT- 4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Ingineer-incharge/ Architect.  C. S.I.T.C. of 12/13 Watt 6000/6500 K,( a720 lumens) Recessed/surface mounted LED Down Lighting Fixtures with fishing accessories, As Emergency Light  1200 MM TUBE LIGHT [TL] - LED batten tubes, Glaze LED Batten, High quality aluminium extruded with decorative end caps, Wattage-20W, CCT- 4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  Supplying including fitting fishing of following star rated new 400-490 mm dia bracket/wall fan in pvc body and pvc blade of Havells/ Orient/ Chrompton or equivalent of approved make , complete with all accessories with necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Bank  a) 400-450 mm sweep  6. Supplying and fixing of 10"- 12" Metal bladded exhaust fans with louvers.[EF]  EACH 10  6.5 1200mm dia Ceiling Fan  FACH 200 And CKESSORIES  Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT-6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC EN50173 & TIA 568-B2-1. and providing & terminating with rerule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  a) Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Mose  7.2 Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Mose  7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  8. Nos 12  7. Sinc. of 24 port Fully loaded Jack Panels  8. A.C PolNT Willing  A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. * 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through su	<u> </u>							
Engineer-incharge/ Architect.  c S.1.T.C. of 12/13 Watt 6000/6500 K, ( 2720 lumens) Recessed/Surface mounted LED Down Lighting Futures with fixing accessories. As Emergency Light With Concrative end caps, Wattage-2004, CT. 4000 K, of Phillips, Havells, Baja), Wipro or equilivent as approved by the Engineer-incharge/ Architect.  Supplying including fitting fixing of following star rated new 400- 450 mm dia bracket/wall fan in pwork of any only and pick blade of Havells/ Orient/ Chrompton or equivalent of approved make, complete with all accessories with necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Bank  a) 400-450 mm sweep  6.4 Supply and fixing of 107-12" Metal bladded exhaust fans with louvers.[EF] EACH 10  6.5 1200mm dia Ceiling Fan  7 LAN ACCESSORIES  Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT-6 cables through specified dia M5 conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC ENS0173 at TIA 568-82-1. and providing & terminating with R1-7 room to individual work stations and terminating other end with R1-45 connector including numbering with ferule. Note: Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including) one extra in BM1 and 1 No for CCTV)  Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including) one extra in BM1 and 1 No for CCTV)  Same as above but with bouble Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including) one extra in BM1 and 1 No for CCTV)  Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including) one extra in BM1 and 1 No for CCTV)  Same as above but with Double Face	ľ		No	1.1				
C S.I.T.C. of12/13 Watt 6000/6500 K, ( 2720 lumens) Recessed/Surface mounted LED Down Lighting Fixtures with fixing accessories. As Emergency Light  1200 MM TUBE LIGHT TITL: LED batten tubes, Glaze LED Batten, High quality aluminium extruded with decorative end caps, Wattage-20W, CCT- 4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  Supplying including fitting fixing of following star rated new 400- 450 mm dia bracket/wall fan in pvc body and pvc blade of Havells/ Orient/ Chrompton or equivalent of approved make , complete complete and as directed by the Bank  a.4 300- 450 mm sweep  a.4 400- 450 mm sweep  a.5 400- 450 mm sweep  a.6 5 1200mm dia Celling Fan  7 LAN ACCESSORIES  Supply and fixing of 10"- 12" Metal bladded exhaust fans with louvers. [EF]  EACH 4  5. 1200mm dia Celling Fan  7 LAN ACCESSORIES  Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT-6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/16C11801. CENELE CRISOT/3 & ITA 568-82-1. and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note: Nates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  a Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including one extra in BM and 1 No for CCTV)  Amake (Including One extra in BM and 1 No for CCTV)  Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  Same as above but with Double Face Plate & Termination of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for			NO	14				
Fixtures with fixing accessories. As Emergency Light  1200 MM TUBE LIGHT [TL] - LED batten tubes, Glaze LED Batten, High quality aluminium extruded with decrorative end caps, Wattage-20w, CCT - 4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  Supplying including fitting fixing of following star rated new 400- 450 mm dia bracket/wall fan in by body and pvc blade of Havells/ Orient/ Chrompton or equivalent of approved make , complete with all accessories with necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Bank  a) 400- 450 mm sweep  EACH 10  6.4 Supply and fixing of 10°- 12° Metal bladded exhaust fans with louvers.[EF] EACH 4  5.1 LAN ACCESSORIES  Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT6 cables through specified dia MS conduits/ 1 raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC EN50173 & TIA 568-82-1. and providing & terminating with R1-45 (Krone make) with face plates 1/10 Ports in sultable modular 1/MS box from server / EPABX room to individual work stations and terminating other end with R1-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  3 Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  3 Tesling, Labelling, scanning of I/O Nodes & submission of report.  7.4 S.I.T.C. of 24 port Fully loaded Jack Panels  7.5 S.I.T.C. of 24 port Fully loaded Jack Panels  7.6 S.I.T.C. of 37 Ft. Factory Crimpped Mounting Cords Same Makes as in Item no b.  8 A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through	_	<u> </u>						
1200 MM TUBE_LIGHT [TL] - LED batten tubes, Glaze LED Batten, High quality aluminium extruded with decorative end caps, Wattage-20W, CCT- 4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.	Ιĭ		No	8				
d with decorative end caps, Wattage-20W, CCT- 4000 K, of Phillips, Havells, Bajaj, Wipro or equilivent as approved by the Engineer-incharge/ Architect.  Supplying including fitting fixing of following star rated new 400- 450 mm dia bracket/wall fan in pvc body and pvc blade of Havells/ Orient/ Chrompton or equivalent of approved make , complete with all accessories with necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Bank  a) 400- 450 mm sweep  EACH 10  6.4 Supply and fixing of 10"- 12" Metal bladded exhaust fans with louvers.[EF]  EACH 3  LAN ACCESSORIES  Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC ENSOIT3 & TIA 566-82-1. and providing & terminating with race plates / I/O Ports in suitable modular / MS box from server / EPABK room to individual work stations and terminating other end with R-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  3 Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  7.2 Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  Nos 12  7.3 S.I.T.C. of 24 Port Managed Switches 10/100 MBPS HP- 2530-24- Product Code J9782A  Nos 1  7.5 S.I.T.C. of 37 Fi. Factory Crimpped Mounting Cords Same Makes as in Item no b.  Nos 12  7.7 S.I.T.C. of 75 Ti. Factory Crimpped Mounting Cords Same Makes as in Item no b.  Nos 12  Nos 12  Nos 15  A.C. POINT WIRING								
as approved by the Engineer-incharge/ Architect.  Supplying including fitting fixing of following star rated new 400-450 mm dia bracket/wall fan in body and pro blade of Havells/ Ornent/ Chrompton or equivalent of approved make , complete with all accessories with necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Bank  a) 400-450 mm sweep  6.4 Supply and fixing of 10" - 12" Metal bladded exhaust fans with louvers.[EF]  EACH 4  6.5 1200mm dia Ceiling Fan  LAN ACCESSORIES  Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6 / class E standards requirements in ISO/IECH1801, CERICE ENSO/13 & ITA 568-B2-1 and providing a terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with fercule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Modes  7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  Nos 12  7.4 Si.T.C. of 24 Port Managed Switches 10/100 MBPS HP- 2530-24- Product Code J9782A  Nos 12  7.5 Si.T.C. of 75 F. Factory Crimpped Mounting Cords Same Makes as in Item no b.  Nos 12  7.6 Si.T.C. of 75 F. Factory Crimpped Mounting Cords Same Makes as in Item no b.  Nos 12  7.7 Si.T.C. of 75 F. Factory Crimpped Mounting Cords Same Makes as in Item no b.  Nos 12  7.8 Si.T.C. of 75 F. Factory Crimpped Mounting Cords Same Makes as in Item no b.  Nos 12  7.9 Si.T.C. of 75 F. Tocktory Crimpped Mounting Co	Ь		Fach	13				
Supplying including fitting fixing of following star rated new 400- 450 mm dia bracket/wall fan in pvc body and pvc blade of Havells/ Orient/ Chrompton or equivalent of approved make , complete and at accessories with necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Bank  a) 400- 450 mm sweep  EACH 10  6.4 Supply and fixing of 10"- 12" Metal bladded exhaust fans with louvers.[EF]  EACH 4  6.5 1200mm dia Ceiling Fan  LAN ACCESSORIES  Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC ENS0173 & TIA 568-B2-1. and providing & terminating with rough with face plates / 1/O Ports in suitable modular / MS box from server / EPBAX room to individual work stations and terminating other end with R1-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  Qutlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Nos 5  Moke  7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  Nos 12  7.4 S.I.T.C. of 24 Port Managed Switches 10/100 MBPS HP- 2530-24- Product Code J9782A  Nos 1  7.5 S.I.T.C. of 37 Ft. Factory Crimpped Mounting Cords Same Make as in Item no b.  Nos 12  7.7 S.I.T.C. of 75 IV VALRACK/PRESIDENT etc Network Rack with proper dressing of cables  Nos 12  Nos 12  Nos 12  Nos 15  A.C. POINT WIRING  A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS cooper conductor cable through suitable size M.S. conduit (IS marke	ľ		Lucii	''				
ovc body and pvc blade of Havells/ Orient/ Chrompton or equivalent of approved make , complete with all accessories with necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Bank								
with all accessories with necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Bank  a) 400- 450 mm sweep  6.4 Supply and fixing of 10" - 12" Metal bladded exhaust fans with louvers.[EF]  6.5 1200mm dia Ceiting Fan  7 LAN ACCESSORIES  Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IECTION1, CENELEC ENSO173 & TIA 568-B2-1. and providing & terminating with requirements in ISO/IECTION1, CENELEC ENSO173 & TIA 568-B2-1. and providing & terminating with requirements in ISO/IECTION1, consistent of the subsequence of th								
complete and as directed by the Bank  a) 400- 450 mm sweep  6.4. Supply and fixing of 10" - 12" Metal bladded exhaust fans with louvers.[EF]  EACH 4  6.5 1200mm dia Ceiling Fan  7 LAN ACCESSORIES  Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC EN50173 & TIA. 568-B2-1, and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  a Make (Including One extra in BM and 1 No for CCTV)  7.2 Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Nos 5  7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  Nos 12  7.4 S.I.T.C. of 24 port Fully loaded Jack Panels  Nos 1  7.5 S.I.T.C. of 24 Port Managed Switches 10/100 MBPS HP - 2530-24- Product Code J9782A  Nos 1  7.6 S.I.T.C. of 3Ft. Factory Crimpped Mounting Cords Same Makes as in Item no b.  Nos 12  7.7 S.I.T.C. of 7Ft. Factory Crimpped Mounting Cords Same Makes as in Item no b.  Nos 12  7.8 S.I.T.C. of 15 U VALRACK/PRESIDENT etc Network Rack with proper dressing of cables  A.C. POINT WIRING  A.C. Power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through suitable size M.S. conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above fatse ceiling or concealed by chase cutting on wall complete with North-West make AC opwer unit having 25A DP NOS 5  MCB with	6.3.							
6.4 Supply and fixing of 10" - 12" Metal bladded exhaust fans with louvers.[EF]	ł							
6.4 Supply and fixing of 10" - 12" Metal bladded exhaust fans with louvers.[EF]		a) 400- 450 mm sweep	EACH	10				
Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC EN50173 & TIA 568-B2-1. and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.    Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)   T.2	6.4	Supply and fixing of 10" - 12" Metal bladded exhaust fans with louvers.[EF]	EACH	4				
Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC EN50173 & TIA 568-B2-1. and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  a Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Nos 5  7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  Nos 12  7.4 S.I.T.C. of 24 port Fully loaded Jack Panels  Nos 1  7.5 S.I.T.C. of 24 Port Hangaed Switches 10/100 MBPS HP- 2530-24- Product Code J9782A  Nos 1  7.6 S.I.T.C. of 3 Ft. Factory Crimpped Mounting Cords Same Makes as in Item no b.  Nos 12  7.7 S.I.T.C. of 7Ft. Factory Crimpped Mounting Cords Same Make as Item No b.  Nos 12  7.8 S.I.T.C. of 15 U VALRACK/PRESIDENT etc Network Rack with proper dressing of cables  Nos 1  A.C. POINT WIRING  A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through suitable size M.S. conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above dalse ceiling or concealed by chase cutting on wall complete with North-West make AC power unit having 25A DP MCB with enclosure, 25A Socket, 20A Starter, mounting box & front plate, interconnection, mending good all damages to o	6.5	1200mm dia Ceiling Fan	EACH	3				
specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC EN50173 & TIA 568-82-1. and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  a Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  5ame as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make  7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  7.4 S.I.T.C. of 24 port Fully loaded Jack Panels  Nos 12  7.5 S.I.T.C. of 24 Port Managed Switches 10/100 MBPS HP- 2530-24- Product Code J9782A  Nos 1  7.6 S.I.T.C. of 3 Ft. Factory Crimpped Mounting Cords Same Makes as in Item no b.  Nos 12  7.7 S.I.T.C. of 7Ft. Factory Crimpped Mounting Cords Same Make as ltem No b.  Nos 12  7.8 S.I.T.C. of 15 U VALRACK/PRESIDENT etc Network Rack with proper dressing of cables  A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through suitable size M.S. conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall complete with North-West make AC power unit having 25A DP MCB with enclosure, 25A Socket, 20A Starter, mounting box & front plate, interconnection, mending good all damages to original finish, painting etc. as required. All connections of wires to be done by means of "Wago' type connectors. Each Ac will be c	7	LAN ACCESSORIES						
specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC EN50173 & TIA 568-82-1. and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  a Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  5ame as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make  7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  7.4 S.I.T.C. of 24 port Fully loaded Jack Panels  Nos 12  7.5 S.I.T.C. of 24 Port Managed Switches 10/100 MBPS HP- 2530-24- Product Code J9782A  Nos 1  7.6 S.I.T.C. of 3 Ft. Factory Crimpped Mounting Cords Same Makes as in Item no b.  Nos 12  7.7 S.I.T.C. of 7Ft. Factory Crimpped Mounting Cords Same Make as ltem No b.  Nos 12  7.8 S.I.T.C. of 15 U VALRACK/PRESIDENT etc Network Rack with proper dressing of cables  A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through suitable size M.S. conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall complete with North-West make AC power unit having 25A DP MCB with enclosure, 25A Socket, 20A Starter, mounting box & front plate, interconnection, mending good all damages to original finish, painting etc. as required. All connections of wires to be done by means of "Wago' type connectors. Each Ac will be c		Supplying, laving and termination of 4 pair Copper solid, twisted pair G600 CAT6 cables through						
requirements in ISO/IEC11801, CENELEC EN50173 & TIA 568-B2-1. and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note: Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.    Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)   Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Mose   12   13   14   15   15   15   15   15   15   15								
7.1 RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  a								
room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.  a Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  7.2 Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  7.4 S.I.T.C. of 24 port Fully loaded Jack Panels  7.5 S.I.T.C. of 24 Port Rully loaded Jack Panels  7.6 S.I.T.C. of 3 Ft. Factory Crimpped Mounting Cords Same Makes as in Item no b.  7.7 S.I.T.C. of 3 Ft. Factory Crimpped Mounting Cords Same Make as Item No b.  7.8 S.I.T.C. of 15 U VALRACK/PRESIDENT etc Network Rack with proper dressing of cables  8 A.C POINT WIRING  A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through suitable size M.S. conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall complete with North-West make AC power unit having 25A DP MCB with enclosure, 25A Socket, 20A Starter, mounting box & front plate, interconnection, mending good all damages to original finish, painting etc. as required. All connections of wires to be done by means of 'Wago' type connectors. Each Ac will be connected through Inverter to be located near the	7 1							
the payment for the same item shall be made on the number of points provided based on the above description.  a  Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  5	/.'							
description.  a Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  7.2 Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make  7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  7.4 S.I.T.C. of 24 port Fully loaded Jack Panels  7.5 S.I.T.C. of 24 Port Managed Switches 10/100 MBPS HP- 2530-24- Product Code J9782A  7.6 S.I.T.C. of 3 Ft. Factory Crimpped Mounting Cords Same Makes as in Item no b.  7.7 S.I.T.C. of 7Ft. Factory Crimpped Mounting Cords Same Make as Item No b.  7.8 S.I.T.C. of 15 U VALRACK/PRESIDENT etc Network Rack with proper dressing of cables  8 A.C POINT WIRING  A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through suitable size M.S. conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall complete with North-West make AC power unit having 25A DP MCB with enclosure, 25A Socket, 20A Starter, mounting box & front plate, interconnection, mending good all damages to original finish, painting etc. as required. All connections of wires to be done by means of 'Wago' type connectors. Each Ac will be connected through Inverter to be located near the								
a Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)  7.2 Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make  7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  Nos 12  7.4 S.I.T.C. of 24 port Fully loaded Jack Panels  7.5 S.I.T.C. of 24 Port Managed Switches 10/100 MBPS HP- 2530-24- Product Code J9782A  Nos 1  7.6 S.I.T.C. of 3 Ft. Factory Crimpped Mounting Cords Same Makes as in Item no b.  Nos 12  7.7 S.I.T.C. of 7Ft. Factory Crimpped Mounting Cords .Same Make as Item No b.  Nos 12  7.8 S.I.T.C. of 15 U VALRACK/PRESIDENT etc Network Rack with proper dressing of cables  A.C. POINT WIRING  A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through suitable size M.S. conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall complete with North-West make AC power unit having 25A DP MCB with enclosure, 25A Socket, 20A Starter, mounting box & front plate, interconnection, mending good all damages to original finish, painting etc. as required. All connections of wires to be done by means of 'Wago' type connectors. Each Ac will be connected through Inverter to be located near the								
Make (Including One extra in BM and 1 No for CCTV)  7.2 Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make  7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  7.4 S.I.T.C. of 24 port Fully loaded Jack Panels  7.5 S.I.T.C. of 24 Port Managed Switches 10/100 MBPS HP- 2530-24- Product Code J9782A  7.6 S.I.T.C. of 3 Ft. Factory Crimpped Mounting Cords Same Makes as in Item no b.  7.7 S.I.T.C. of 7Ft. Factory Crimpped Mounting Cords Same Make as Item No b.  7.8 S.I.T.C. of 7Ft. Factory Crimpped Mounting Cords Same Make as Item No b.  8 S.I.T.C. of 15 U VALRACK/PRESIDENT etc Network Rack with proper dressing of cables  8 A.C POINT WIRING  A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through suitable size M.S. conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall complete with North-West make AC power unit having 25A DP MCB with enclosure, 25A Socket, 20A Starter, mounting box & front plate, interconnection, mending good all damages to original finish, painting etc. as required. All connections of wires to be done by means of 'Wago' type connectors. Each Ac will be connected through Inverter to be located near the								
Make (Including One extra in BM and 1 No for CCTV)  7.2 Same as above but with Double Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make  7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  7.4 S.I.T.C. of 24 port Fully loaded Jack Panels  7.5 S.I.T.C. of 24 Port Managed Switches 10/100 MBPS HP- 2530-24- Product Code J9782A  7.6 S.I.T.C. of 3 Ft. Factory Crimpped Mounting Cords Same Makes as in Item no b.  7.7 S.I.T.C. of 7Ft. Factory Crimpped Mounting Cords Same Make as Item No b.  7.8 S.I.T.C. of 7Ft. Factory Crimpped Mounting Cords Same Make as Item No b.  8 A.C POINT WIRING  A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through suitable size M.S. conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall complete with North-West make AC power unit having 25A DP MCB with enclosure, 25A Socket, 20A Starter, mounting box & front plate, interconnection, mending good all damages to original finish, painting etc. as required. All connections of wires to be done by means of 'Wago' type connectors. Each Ac will be connected through Inverter to be located near the	a		Nos	2				
7.2 Make  7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  7.4 S.I.T.C. of 24 port Fully loaded Jack Panels  7.5 S.I.T.C. of 24 Port Managed Switches 10/100 MBPS HP- 2530-24- Product Code J9782A  7.6 S.I.T.C. of 3 Ft. Factory Crimpped Mounting Cords Same Makes as in Item no b.  7.7 S.I.T.C. of 7Ft. Factory Crimpped Mounting Cords .Same Make as Item No b.  7.8 S.I.T.C. of 7Ft. Factory Crimpped Mounting Cords .Same Make as Item No b.  8 A.C POINT WIRING  A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through suitable size M.S. conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall complete with North-West make AC power unit having 25A DP MCB with enclosure, 25A Socket, 20A Starter, mounting box & front plate, interconnection, mending good all damages to original finish, painting etc. as required. All connections of wires to be done by means of 'Wago' type connectors. Each Ac will be connected through Inverter to be located near the		,	NOS					
7.3 Tesing, Labelling, scanning of I/O Nodes & submission of report.  7.4 S.I.T.C. of 24 port Fully loaded Jack Panels  7.5 S.I.T.C. of 24 Port Managed Switches 10/100 MBPS HP- 2530-24- Product Code J9782A  7.6 S.I.T.C. of 3 Ft. Factory Crimpped Mounting Cords Same Makes as in Item no b.  7.7 S.I.T.C. of 7Ft. Factory Crimpped Mounting Cords .Same Make as Item No b.  7.8 S.I.T.C. of 15 U VALRACK/PRESIDENT etc Network Rack with proper dressing of cables  8 A.C POINT WIRING  A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through suitable size M.S. conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall complete with North-West make AC power unit having 25A DP MCB with enclosure, 25A Socket, 20A Starter, mounting box & front plate, interconnection, mending good all damages to original finish, painting etc. as required. All connections of wires to be done by means of 'Wago' type connectors. Each Ac will be connected through Inverter to be located near the	7.2		Nos	5				
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	BOQ FOR THE ELECTRICAL WORKS FOR SPECIALIZED GOVERNMENT BUSINESS BRANCH, GUWAHATI					
ELECTRICAL WORKS						
SI. No	Description	Unit	Qty	Rate	Amount	
9	MISCELLENOUS WORKS					
9.2	4 Pole 63 Amp Manual Changeover Switch For Mains to D.G. supply switching ( If D.G. Back-up is provided). Rates shall be inclusive of complete wiring and no payment for wiring shall be entertained for this item of work	No	1			
Α	TOTAL OF ELECTRICAL & OTHER RELATED WORKS		T			
GENERAL NOTE						
1	UPS input and Output wiring should be done with FRLS Insulated stranded copper conductor laid through M.S Conduit. (From input DB to					
2	All wires for circuit wiring and other wiring should be drawn inside M. S. Conduits Only unless otherwise specified					
3	Specifications of all wires should be followed strictly as mentioned in the BOQ					
4	All makes of materials should be strictly followed as mentioned in the detailed specifications of the Tender document					
5	Earthing Test Certificate MUST be provided alongwith the Final bill for further bill verification					
6	Single Line diagram showing the all the wiring including point wiring, computer and RAW power wiring, Circuit wiring etc. all complete					
7	Only DATA and Voice point wiring is allowed to be carried out through MS Conduits					
8	ALL WIRES, CONDUITS, DB'S, SWITCH BOARD, ETC SHOULD BE CONCEALED THROUGH PARTITIONS, WALLS PANELLINGS ETC AND NONE OF					