S.N	Description of items	Qty	Unit	Rate	Amount
1	ELECTRICAL WIRING				, and and
	Providing, fixing, testing and commissioning of POINT				
	WIRING of any length for light point/Wall fan				
	point/Exhaust fan point/ Call bell point/ including call bell/				
	including fan box(if required), 'S' type fan hook etc with 3				
	X 1.5 Sq.mm(P/N/E) PVC 650V/1100V Grade FRLS				
	WIRE insulated copper conductor single core multi				
	strended wire in 16 SWG(Medium Gauge) stove enamelled rigid steel conduit 20mm/25mm with conduit				
	accessories like bend, junction box etc in				
	concealed/surface manner as per site requirment with				
	suitable Modular Switches/Sockets with plate and				
	Metal/PVC box,Scaddle, angle bracket (if required), 3				
	plate ceiling rose/bulb holder etc. The floor/roof/wall				
	junction box shuold be of MS(heavy duty) box of suitable				
	size and covered with Steel finish Steel cover sheet by				
	screw tight and gasket to avoid water/dust insertion. The				
	item includes Circuit wiring from DB to the switch				
	board with 3x2.5 Sq.MM. The above wiring carried out surface or recess in wall/floor/roof should be cutting by				
	cutter/chiesling, replastering, curing, painting with				
	uniform and smooth finish by specilised workman ship				
	and making the surface neat afterwards complete in all				
	respect as per direction of Bank Engg. (EACH Circuit to				
	take NOT MORE than 7-8 points) The conduit/ Flexible				
	conduit/junction box/metal modular box etc must be				
	joined by gland and check nut at both ends. (each circuit				
	to be controlled by one MCB). The colour code of wire				
	are as under: Phase- Red, Neutral- Black, Earth-Green				
	Make of Material for items of BOQ:-				
	(i) Modular Type Switch/socket/step electronic fan				
	regulator. plate. box. TV/telephone. bulb holder/3 pin				
a	Providing and fixing of point wiring with above				
	specifications. One light point controlled by one switch.	70	Nos.		
)	Providing and fixing of point wiring with same above		1103.		
	specifications. Two light points to be controlled by one				
	switch.	20	Nos		
С	Providing and fixing of ceiling fan point controlled as				
	under		Nos.		
ł	providing and fixing 6 Amps Plug Points with same specs				
	as above and install along with same light switchboard	10			
		10	Nos		
Э.	Master switch of 16 Amps(Only Grey/Golden/Wooden				
	colour other than white colour) to install alongwith same light switch board to control all light as a master				
	switch ON/OFF in each switch board	10	Nos		
2	6 AMP. POINTS ON SEPARATE BOARD	-			
	:Supply,fixing,testing and commissioning of 1 No 6 A				
	Multi Socket with 1No. 6 A switch (Modular type) with				
	cover plate , sheet steel box / PVC modular box etc on				
	surface / concealed manner l/c electrical connections				
	and making good all the damages, painting, cleaning the				
	site etc complete including all accessories as per site				
	requirement and as directed. (Minimum two and Maximum three points are loop with				
	one circuit as mentioned beolw)				
		18	Nos		

3	Power Wring (6 / 16 AMP. POWER POINTS). Supply, fixing, testing and commissioning of 1 No 16 A switch & 1 No.six pin 6/16 Amp. Multi Socket (Modular Type) with cover plate, sheet steel box etc on surface / concealed manner l/c electrical connections and making good all the damages, painting, cleaning the site etc complete including all accessories as per site requirement and as directed. (Maximum two points are loop with one circuit as mentioned below)	20	Nos	
4	SPECIAL POINTS : (For Computers). Supply, fixing, testing and commissioning of following Modular type switch socket with cover plate, PVC modular box on Surface / sheet steel box in concealed manner I/c electrical connections and making good all the damages, painting, cleaning the site etc complete including all accessories as per site requirement and as directed. 2 Nos. 6 A Switch + 3 Nos. 6 A, 3 pin Socket (Minimum two and Maximum three points are loop with one circuit as mentioned beolw)		Nos	
5	AC/Geyser Point (Single Phase). Supply, Installation,	20	1103	
6	Acroscyser Form (ongle Phase). Supply, instantion, Testing and commissioning of the surface / recess mounting A.C. / GEYSER power point with the followings : Metra Plug and Socket DBs with one Nos 20 Amp SP MCB, 20 Amp plug and socket with complete Enclosur plate and box 1 set i/c electrical connections and making good all the damages, painting, cleaning the site etc complete including all accessories as required as per site requirement and as directed by Bank Engineer. OR Modular 32A DP 1 way switch with plate & box 1 set. + 25A & 10A twin socket (Only one point is connected with one circuit as montioned bolow) AC Point (Three Phase). Supply, Installation, Testing and commissioning of the surface / recess mounting A.C. Cassette power point with the followings :	8	Nos	
7	Metal enclose Four way with one Nos 32 Amp FP MCB with complete Enclosur plate and box 1 set i/c electrical connections and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed. (Only one point is connected with one circuit as mentioned below) CIRCUIT WIRING :(FRLS WIRE)	5	Nos	
	Supply , installation, testing & commissioning of FRLS circuit wiring measured in numbers with suitable size of MS conduit 1.6 mm thick and 25mm dia. The wiring in MS conduit is as per IS code. The average length of wiring around between(25-30) Mtr.			
	3 X 2.5 sqmm (For UPS Circuit/6 amp Separate Board) in suitable size of 16 SWG (MMS) steel conduit as per IS code.	22	Nos	
	3 X 4.0 sqmm (For AC/Power Circuit) in suitable size of 16 SWG (MMS) steel conduit as per IS code.	21	Nos	
8	UPS OUTGOING & OTHER FRLS WIRING, As Per Requirment.			
а	3 X 1.5 Sqmm copper multistreand FRLS wire in suitable			
	size of 16 SWG (MMS) steel conduit.	20	R.Mtr	

				1
b	3 X 2.5 Sqmm copper multistreand FRLS wire in suitable	20	R.Mtr	
c	size of 16 SWG (MMS) steel conduit. 3 X 4 Sqmm copper multistreand FRLS wire in suitable	20	1.1.111	
Ľ	size of 16 SWG (MMS) steel conduit.	20	R.Mtr	
d	3 X 6 Sqmm copper multistreand FRLS wire in suitable			
	size of 16 SWG (MMS) steel conduit.	40	R.Mtr	
е	5 X 4 Sqmm. Copper multistrend FRLS wire in suitable			
	size of 16 SWG (MMS) steel conduit (For Cassettee AC)	400		
		160	R.Mtr	
9	DISTRIBUTION BOARDS			
	All MCB to be "C" series			
а	 B.INCOMING SWITCHGEARS :(RYB LED Indicators for Both Main/DG) (i) 1 No. FP.160 Amp , 25 KA MCCB with thermal magnetic trip unit WITH Digital Voltmeter & Digital Ammeter sutiable size of CTS, selector switches etc. C. OUTGOING SWITCHGEARS: (i) 1 Nos- 125Amp TP MCCB for main with 200amp bus bar with indicator 			
	 indicator. (ii) 160 amp onload changeover with 1 Nos 125 amp 25 KA, TP MCCB for DG supply with 200 amp bus bar with indicator (iii) 200 amp bus bar for parallel connection with DG changeover output (Note:- Before Placing the Panel order, firstly it Passed by The Bank Authority, otherwise it will not considered) 		Nos	
b	Supply & Installation of SDP(Surge Protector Devicve)		1103	
b	for general protection of main Distribution Board Legrad Make Cat No. 412247 (3P+N) , 40 KA, T2- Imax 40KA/pole with complete wiring.		Nos	
С	Providing & fixing 6 way vertical load line double door D.B for AC with 100 Amp. TP MCCB incomer and outgoing to be 5 Nos 32 amp TP MCB, 3 Nos 32 amp SP MCB FOR AC	1	Nos	
d	Providing and fixing 6 way TPN double door DB for LIGHT /POWER POINTS with 63 Amp TPN , controlling 18 Nos. 10/16/32 Amps SPMCBs. & Complete.		Nos.	
e	Providing and fixing 4 way TPN double door DB for LIGHT /POWER POINTS with 63 Amp TPN , controlling 12 Nos. 16/32 Amps SPMCBs. & Complete.		Nos	
f)	Providing and fixing (12) way SPDB double door type			
	For UPS points with 1x32 Amps DP, controlling 10 Nos, 16 AMP SPMCB		Nos.	
g	Providing and fixing (8) way SPDB double door type For Light DB only for Emergency Lights like glow sign etc with 1x32 Amps DP, controlling 6 NO.10 A./16 AMP SPMCB		Nos.	
h	Providing and fixing (4) way TPN double door type For UPS INPUT with 1x63 Amps TPNand 63 amp DP MCB- 3 Nos & 3 Nos, 32 amp SP MCB complete (E-lobby/UPS Output)		Nos.	
i	Providing and fixing of Kit Kat Rewirable Porcelian fuse carrier & base with wooden frame of 200 amp/415 Volt near meter box		Set	
10	CABLES			

	Supplying, unloading, storage, laying, testing and commissioning of PVC/XLPE insulated (Heavy Duty) Al/Cu conductor armoured cable suitable for working voltage upto and including 1100 V grade, laid and tied on existing overhead cable trays, or laid and tied over MS supports in masonry trenches with copper/al cable lugs, single compression brass cable glands, tapping, crimping etc. as required and all cables run with double run(2 No.) of GI wire of 8 SWG size .The size of cables are as under:- Make of Material:- (i) PVC/XLPC Armoured cable:- Finolex, Havells, RR cable, CCI(Cable Corp. of India) (ii) Cable Termination:- Dowells, Comet			
а	3.5 X 50 Sq.mm XLPE. Al. armoured Cable(AC VTPN & BUS BARS)/Main cable	40	Mtr	
b	3.5 X 35 Sq.mm XLPE. Al. armoured Cable(AC VTPN & BUS BARS)/Main cable			
c	4X 25 Sq.mm XLPE.Al.armoured Cable	20	Mtr	
	(POWER/LIGHT/UPS)			
	4X 16 Sq.mm XLPE.Al.armoured Cable (LIGHT/UPS)	40	Mtr	
d 11		40	Mtr	
(i)	 COPPER PLATE EARTH STATION: Preparation of the Plate Earth Station:(As per IS:3043) (a) Excavation of hard rocky earth, soft murrum, hard murrum etc and back filling with black cotton soil for the earth station, the earth pit size is 1000 mm X 1000 mm X 2500 mm. (b) Supply and fixing of Copper Plate of Size 600 mm X 600 mm X 3.0 mm thick. (c) Fixing of 50 mm X 6 mm, 3 Mtrs copper strips from Copper Plate to earth terminal including brazing/welding at plate etc. (d) Supply and laying in position 19 mm, 2 Mtrs G.I "B" Class pipe for watering with reducer/funnel with mesh. (e) Supply and Fixing of the following in the earth station. (i) 75 Kg. Charcoal. (ii) 15 Kg. Original Salt. (iii) Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work concrete, plastering, S/F of C.I Cover of size 12" X 12" complete as per site requirment. 		Nos	

(II) GAPLATE EARTH STATION : Preparation of the Plate Earth Station: (as per IS.3043) (a) Excavation of rocky earth, soft murrum, hard murrum etc. and back filling with black cotton soil for the earth station, the earth pit size is 1000 mm x 1000 mm x 2500 mm dep. (b) S/F of GL. plate of size 600 x 600 x 6.0 mm thick. (c) S/F fixing 50 mm x 6 mm, 3 mtrs GL, strips from GL plate to earth terminal including brazing / welding at plate etc. (d) Supplying and laying in position 19 mm, 2 mtrs GL. (i) S/F of the following in the earth station. 75 Kg. Charcoal, 15 Kg. Original Salt. and Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary 4 Nos (iii) Providing and fixing Copper/GI strip as per specification compete including connection to earth electored revetting/sweating/soldering, burying 15 cms below in all types of solf/ocks etc complete as required. 40 Mtr (iv) G.I.Strip 25 X 5 mm 15 Mtr. (iv) Two pair, 0.61 mm dia. telephone cable tinned copper (in to 15 mm GL. Mtr. (iv) Two pair, 0.61 mm dia. telephone cable tinned copper (in conductor, P. V.C. insulated and sheathed, fire retarding, ant isrmike, colour code twisted pairs and rip cord, Double outlet The length of telephone cable tinned copper weith as a per site condition. 15 Mtr. (iv) Two pair, 0.61 mm dia. telephone cable tinned copper (in conductor, P. V.C. insulated and sheathed, fire retarding, ant isrmike, colour code twisted pairs and rip cord, Double outlet The length of telephone cable tinned copper weith as a condition. The ficor/roof/wall junction b					
(b) SIF of G I. plate of size 600 x 60 0 x 6.0 mm thick. (c) SIF fixing 50 mm x 6 mm, 3 mtrs G.I. strips from G. I.plate to earth terminal including brazing / welding at plate etc. (d) Supplying and laying in position 19 mm, 2 mtrs G.I. (e) SIF of the following in the earth station. (75 Kg. Charcoal, 15 Kg. Original Salt. and Black Cotton soil of adequate amount. (iii) Providing and fixing Copper/GI strip as per specification compete including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soli/rocks etc complete as requiued. (iii) O. G.I.Strip 25 X 5 mm 15 Mtr. (b) G.I.Strip 25 X 5 mm 40 Mtr (iv) Supply and laying of 10 Sq.mm 650V/1100 V PVC grade insulated copper wire in 15 mm G.I. Pipe ISI grade including and cexessories complete as required. 40 Mtr. (iv) Supply and laying of 10 Sq.mm 650V/1100 V PVC grade insulated copper wire in 15 mm G.I. Pipe ISI grade including and termide, colour codet Wisted pairs and rip cord, Double outlet The length of telephone cable tinned copper conductor, P. V.C. Insulated and sheathed fire retarding, anti termide, colour codet Wisted pairs and rip cord, Double outlet The length of telephone cable tipo 35 mm dia; 16 SWG (Medium Gauge) thickness rigid PVC condul twit conduit accessories like bend/junction box/cover plate/sheet steel/PVC box on surface/ concelet amaner i/c electrical connections and making goods all the damages, replastering, painting, cleaning the site eff complete as required as per site condition. The floor/foor/wall juncing how is accessories kibe bord/mction box/cover plate/sheet site and covered with	(ii)	(a) Excavation of rocky earth, soft murrum, hard murrum etc and back filling with black cotton soil for the earth station, the earth pit size is 1000 mm x 1000 mm x 2500			
(d) Supplying and laying in position 19 mm, 2 mtrs G.I. B class pipe for watering.with reducer/funde with mesh. (e) S/F of the following in the earth station. 75 Kg. Charccal, 15 Kg. Original Salt. and Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary 4 Nos (iii) Providing and fixing Copper/GI strip as per specification compete including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soli/rocks etc complete as required. (a) Copper Strip 25 X 5 mm 40 Mtr (b) G.I.Strip 25 X 5 mm 40 Mtr (iv) Supply and laying of 10 Sq.mm 650V/1100 V PVC grade insulated copper wire in 15 mm G.I. Pipe ISI grade including all accessories complete as required. (d) Two pair, 0.61 mm dla. telephone cable tinned copper conductor, P. V.C. insulated and sheathed , fire retarding, anti termite, colour coded twisted pairs and rip corp. Double outlet The length of telephone cable uplo 35 meter length or less as per site condition with shutter modular type Telephone Outlets (KJ = -11) with suitable size MS / PVC modular boxes and it laying, fixing, testing and commissioning in suitable size 20/25 mm dia, 16 SWG (Medium Gauge) thickness rigid PVC conduit with conduit accessories like bend/junction box/cover plate/sheet selle/PVC box on surface/ concealed manner i/c electrical connections and making goods all the damages, replastering, painting, cleaning the site et complete as required as per site condition. The floor/roof/wall junction box should be of MS(heavy duty) box of suitable is zen accovered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion. Make of Material: Delton/Finolex/RR cable 12 Nos (ii) Supplying		 (b) S/F of G.I. plate of size 600 x 600 x 6.0 mm thick. (c) S/F fixing 50 mm x 6 mm, 3 mtrs G.I, strips from G.I.plate to earth terminal including brazing / welding at 			
(iii) Providing and fixing Copper/GI strip as per specification compete including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soil/rocks etc complete as required. 15 Mtr. (a) Copper Strip 25 X 5 mm 15 Mtr. (b) G1.Strip 25 X 5 mm 40 Mtr (iv) Supply and laying of 10 Sq.mm 650V/1100 V PVC grade including all accessories complete as required. 40 Mtr. 13 TELEPHONE POINT 40 Mtr. (iv) Two pair, 0.61 mm dla. telephone cable tinned copper conductor, P.V.C. insulated and sheathed, fire retarding, anti termite, colour coded twisted pairs and rip cord, Double outlet The length of telephone cable upto 35 meter length or less as per site condition with shutter modular type Telephone Outlets (RJ — 11) wth suitable size MS / PVC modular boxes and it laying, fixing, testing and commissioning in suitable size 20/25 mm dia, 16 SWG (Medium Gauge) thickness rigid PVC conduit with conduit accessories like bend/junction box/cover plate/sheet steel/PVC box on surface/ concealed manner i/c electrical connections and making goods all the damages, replastering, painting, cleaning the site etc complete as required as per site condition. The floor/roof/wall junction box shuol be of MS(heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion. Make of Material: Delton/Finolex/RR cable 1 Nos (ii) Supplying and fixing of krone telephone tag block on surface/ recees mounted with its accessories suitable		 (d) Supplying and laying in position 19 mm, 2 mtrs G.I. `B' class pipe for watering.with reducer/funnel with mesh. (e) S/F of the following in the earth station. 75 Kg. Charcoal, 15 Kg. Original Salt. and Black Cotton soil of adequate amount. 			
compete including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soll/rocks to complete as required. (a) Copper Strip 25 X 5 mm 15 Mtr. (b) G.I.Strip 25 X 5 mm 40 Mtr (iv) Supply and laying of 10 Sq.mm 650V/1100 V PVC grade insulated copper wire in 15 mm G.I. Pipe ISI grade including all accessories complete as required. (40 Mtr. Mtr. 13 TELEPHONE POINT 40 (i) Two pair, 0.61 mm dla. telephone cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, colour coded twisted pairs and rip cord, Double outlet The length of telephone cable upto 35 meter length or less as per site condition with shutter modular type Telephone Outlets (RJ — 11) wth suitable size MS / PVC modular boxes and it laying, fixing, testing and commissioning in suitable size 20/25 mm dia, 16 SWG (Medium Gauge) thickness rigid PVC concealed manner i/c electrical connections and making goods all the damages, replastering, painting, cleaning the site et complete as required as per site condition. The floor/roof/wall junction box shuold be of MS(heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screwt tight and gasket to avoid water/dust insertion. Make of Material:- Delton/Finolex/RR cable 1 Nos (ii) Supplying and fixing of krone telephone tag block on surface/ recess mounted with its accessories suitable for the multi core telephone cable and shall accommodate tin-plated phosphor bronze connectors, the connectors shall splice unskinned cables up to 0.61 mm dia and shall be terminate both incoming and out going lines, the tag blocks shall be mounted inside, water proof box and locking arrangement and shall be fully accessible. (A) 20 Pair tag blo		(f) Construction of earth pit chamber including necessary	4	Nos	
(b) G.I.Strip 25 X 5 mm 40 Mtr (iv) Supply and laying of 10 Sq.mm 650V/1100 V PVC grade including all accessories complete as required.(40 Mtr. 13 TELEPHONE POINT 40 Mtr. (i) Two pair, 0.61 mm dla. telephone cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, colour coded twisted pairs and rip cord, Double outlet The length of telephone cable upto 35 meter length or less as per site condition with shutter modular type Telephone Outlets (RJ — 11) wth suitable size MS / PVC modular boxes and it laying, fixing, testing and commissioning in suitable size 20/25 mm dia, 16 SWG (Medium Gauge) thickness rigid PVC concealed manner i/c electrical connections and making goods all the damages, replastering, painting, cleaning the site et complete as required as per site condition. The floor/roof/wall junction box shuold be of MS(heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion. 12 Nos (ii) Supplying and fixing of krone telephone tag block on surface/ recess mounted with its accessories suitable for the multi core telephone cable and shall accommodate tin-plated phosphor bronze connectors, the connectors shall splice unskinned cables up to 0.61 mm dia and shall be terminate both incoming and out going lines, the tag blocks shall be mounted inside, water proof box and locking arrangement and shall be fully accessible. 1 Nos	(iii)	compete including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soil/rocks etc complete as requiued.			
(b) G.I.Strip 25 X 5 mm 40 Mtr (iv) Supply and laying of 10 Sq.mm 650V/1100 V PVC grade including all accessories complete as required.(40 Mtr. 13 TELEPHONE POINT 40 Mtr. (i) Two pair, 0.61 mm dla. telephone cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, colour coded twisted pairs and rip cord, Double outlet The length of telephone cable upto 35 meter length or less as per site condition with shutter modular type Telephone Outlets (RJ — 11) wth suitable size MS / PVC modular boxes and it laying, fixing, testing and commissioning in suitable size 20/25 mm dia, 16 SWG (Medium Gauge) thickness rigid PVC concealed manner i/c electrical connections and making goods all the damages, replastering, painting, cleaning the site et complete as required as per site condition. The floor/roof/wall junction box shuold be of MS(heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion. 12 Nos (ii) Supplying and fixing of krone telephone tag block on surface/ recess mounted with its accessories suitable for the multi core telephone cable and shall accommodate tin-plated phosphor bronze connectors, the connectors shall splice unskinned cables up to 0.61 mm dia and shall be terminate both incoming and out going lines, the tag blocks shall be mounted inside, water proof box and locking arrangement and shall be fully accessible. 1 Nos			15	Mtr.	
insulated copper wire in 15 mm G.I. Pipe ISI grade including all accessories complete as required.(40 Mtr. 13 TELEPHONE POINT (i) Two pair, 0.61 mm dla. telephone cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, colour coded twisted pairs and rip cord, Double outlet The length of telephone cable upto 35 meter length or less as per site condition with shutter modular type Telephone Outlets (RJ — 11) with suitable size MS / PVC modular boxes and it laying, fixing, testing and commissioning in suitable size 20/25 mm dia, 16 SWG (Medium Gauge) thickness rigid PVC conduit with conduit accessories like bend/junction box/cover plate/sheet steel/PVC box on surface/ concealed manner i/c electrical connections and making goods all the damages, replastering, painting, cleaning the site etc complete as required as per site condition. The floor/roof/wall junction box shuold be of MS(heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion. Make of Material:- Delton/Finolex/RR cable 12 Nos (ii) Supplying and fixing of krone telephone tag block on surface/ recess mounted with its accessories suitable for the multi core telephone cable and shall accommodate tin-plated phosphor bronze connectors, the connectors shall splice unskinned cables up to 0.61 mm dia and shall be terminate both incoming and out going lines, the tag blocks shall be mounted inside, water proof box and locking arrangement and shall be fully accessible. (A) 20 Pair tag block 1 Nos		(b) G.I.Strip 25 X 5 mm	40	Mtr	
including all accessories complete as required.(40 Mtr. 13 TELEPHONE POINT Image: Conductor, P.V.C. insulated and sheathed, fire retarding, and itermite, colour coded twisted pairs and rip cord, Double outlet The length of telephone cable upto 35 meter length or less as per site condition with shutter modular type Telephone Outlets (RJ — 11) with suitable size MS / PVC modular boxes and it laying, fixing, testing and commissioning in suitable size 20/25 mm dia, 16 SWG (Medium Gauge) thickness rigid PVC conduit with conduit accessories like bend/junction box/cover plate/sheet steel/PVC box on surface/ concealed manner i/c electrical connections and making goods all the damages, replastering, painting, cleaning the site etc complete as required as per site condition. The floor/roof/wall junction box shuold be of MS(heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion. Make of Material:- Delton/Finolex/RR cable 12 Nos (ii) Supplying and fixing of krone telephone tag block on surface/ recess mounted with its accessories suitable for the multi core telephone cable and shall accommodate tin-plated phosphor bronze connectors, the connectors shall splice unskinned cables up to 0.61 mm dia and shall be terminate both incoming and out going lines, the tag blocks shall be mounted inside, water proof box and locking arrangement and shall be fully accessible. (A) 20 Pair tag block 1 Nos	(iv)	Supply and laying of 10 Sq.mm 650V/1100 V PVC grade			
 (i) Two pair, 0.61 mm dla. telephone cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, colour coded twisted pairs and rip cord, Double outlet The length of telephone cable upto 35 meter length or less as per site condition with shutter modular type Telephone Outlets (RJ — 11) wth suitable size MS / PVC modular boxes and it laying, fixing, testing and commissioning in suitable size 20/25 mm dia, 16 SWG (Medium Gauge) thickness rigid PVC conduit with conduit accessories like bend/junction box/cover plate/sheet steel/PVC box on surface/ concealed manner i/c electrical connections and making goods all the damages, replastering, painting, cleaning the site etc complete as required as per site condition. The floor/roof/wall junction box shuold be of MS(heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion. Make of Material:- Delton/Finolex/RR cable (ii) Supplying and fixing of krone telephone tag block on surface/ recess mounted with its accessories suitable for the multi core telephone cable and shall accommodate tin-plated phosphor bronze connectors, the connectors shall splice unskinned cables up to 0.61 mm dia and shall be terminate both incoming and out going lines, the tag blocks shall be mounted inside, water proof box and locking arrangement and shall be fully accessible. (A) 20 Pair tag block 			40	Mtr.	
conductor, P.V.C. insulated and sheathed, fire retarding, anti termite, colour coded twisted pairs and rip cord, Double outlet The length of telephone cable upto 35 meter length or less as per site condition with shutter modular type Telephone Outlets (RJ — 11) with suitable size MS / PVC modular boxes and it laying, fixing, testing and commissioning in suitable size 20/25 mm dia, 16 SWG (Medium Gauge) thickness rigid PVC conduit with conduit accessories like bend/junction box/cover plate/sheet steel/PVC box on surface/ concealed manner i/c electrical connections and making goods all the damages,replastering, painting, cleaning the site etc complete as required as per site condition. The floor/roof/wall junction box shuold be of MS(heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion. 12 Nos (ii) Supplying and fixing of krone telephone tag block on surface/ recess mounted with its accessories suitable for the multi core telephone cable and shall accommodate tin-plated phosphor bronze connectors, the connectors shall splice unskinned cables up to 0.61 mm dia and shall be terminate both incoming and out going lines, the tag blocks shall be mounted inside, water proof box and locking arrangement and shall be fully accessible. 1 Nos	13	TELEPHONE POINT			
surface/ recess mounted with its accessories suitable for the multi core telephone cable and shall accommodate tin-plated phosphor bronze connectors, the connectors shall splice unskinned cables up to 0.61 mm dia and shall be terminate both incoming and out going lines, the tag blocks shall be mounted inside, water proof box and locking arrangement and shall be fully accessible. (A) 20 Pair tag block 1 Nos		conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, colour coded twisted pairs and rip cord, Double outlet The length of telephone cable upto 35 meter length or less as per site condition with shutter modular type Telephone Outlets (RJ — 11) wth suitable size MS / PVC modular boxes and it laying, fixing, testing and commissioning in suitable size 20/25 mm dia,16 SWG (Medium Gauge) thickness rigid PVC conduit with conduit accessories like bend/junction box/cover plate/sheet steel/PVC box on surface/ concealed manner i/c electrical connections and making goods all the damages,replastering, painting, cleaning the site etc complete as required as per site condition. The floor/roof/wall junction box shuold be of MS(heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion.	12	Nos	
	(ii)	surface/ recess mounted with its accessories suitable for the multi core telephone cable and shall accommodate tin-plated phosphor bronze connectors, the connectors shall splice unskinned cables up to 0.61 mm dia and shall be terminate both incoming and out going lines, the tag blocks shall be mounted inside, water proof box and locking arrangement and shall be fully accessible.			
14 DATA CABLING FOR LAN			1	Nos	
	14	DATA CABLING FOR LAN			

а	Providing, fixing, testing and commissioning of all nodes of four pair UTP CAT 6 LAN cables length upto 30 meter length or less as per site conditionin suitable size 20/25 mm dia, 16 SWG wall thickness rigid PVC conduit with conduit accessories like bend/junction box/ fan box etc on surface/recessed manner and making good all the damages, painting, cleaning the site etc complete as required as per site condition and as directed as required. Junction box shuld be covered with Stainless steel plate with screw with gasket for protection of water/dust. Providing, fixing, testing and commissioning of modular type Information Outlets with suitable size of MS/PVC modular boxes complete, all accessories with insulation displacement connectors etc suitable for CAT 6 UTP cabling with RJ-45 socket with testing and commissioning of STP cabling with scanner for all the nodes/switches/jack panel complete (Each point/circuit/cable from both load and source end to be marked with ferrules.) Make of Material:- (i) Data Cable, Cat 6 cable, Switch, Jack panel, Rack, Patch cords & Other accessories:- D-Link, Legrand			
		22	Nos	
b	Providing and fixing Patch Panels 24port (100 base TX) CAT 6 patch/jack panel with connector, out lets and necessary connectivity complete as required & (D-Link	1	Nos	
с	Providing, assembling, fixing, testing and commissioning Floor/Wall mounted RACKS for gig switches, patch panels etc including cooling DUAL fan trays, a 10 Point PDU, Fixed Trays as necessarycomplete.	1	Nos	
d	Providing and fixing of flowing factory fabricated Patch cords. (UTP/CAT 6 complte with connector on both side.)			
i)	for 1 Mt. long	22	Nos.	
ii)	for 2 Mt. long	22	Nos	
е	Providing, fixing,testing and commissioning of four pair CAT 6 LAN cable in suitable size of 20/25mm PVC medium gauge 16SWG conduit including all accessories	100	Mtr	
15	TV POINT:- Supply, installation, testing and commissionig of TV point(Modular) with RG-6 cable in the Medimum Gauge 1.6 mm PVC Conduit with all	1	Nos	
16	Supply and installation of Vinyl sticker for on Electrical DBs like, " Switch Off at Night", Switch Off For Safety, etc	10	Nos	
17	Making & Providing of 3 sets of Asbuilt Drawing with coloured print for entier Electrical work (Power/UPS/Light/Data/Telephone/AC etc.) as advised by the Bank's Authority.	1	Lum sum	
	Description of light /fan fixture			
18	LED LUMINARES:- 2' x2' (FULL GLOW TYPE) LED light fittings (600 X600mm) dimension suitable for grid/gypsum ceiling complete with its electrionic driver as required per instruction of Bank's Model No are as under:- PHILIPS:- RC380B G2 LED 35S-6500 PSU OD WH LED (FULLGLOW) WIPRO:- CRCO10RO 38 HP57 HAVELLS:- LHECDIL7IL1W036 (Edge- Lit) CG:- LCTAR3-40-CDL	42	Nos	

19	LED DOWNLIGHTER:			
	15 Watt, recessed mounted circular down lighter , 6"			
	dimension with complete its electronic driver are as			
	under:-			
	PHILIPS:- GREENLED-DN193B LED-12S-6500 PSU			
	WIPRO:- IRIS LED LD 71-121-XXX-50-XX			
	HAVELLS:- LHEBJNP ZPZ 1W 015(ENDURA LOW			
	DEPTH)			
	CG:- LC DD-15-CDL,	20	NI	
		36	Nos	
20	LED DOWNLIGHTER: (SURFACE MOUNTED)			
	15 Watt, surface mounted circular down lighter , 6"			
	dimension with complete its electronic driver are as			
	under:-			
	PHILIPS:- GREENLED-DN193B LED-12S-6500 PSU			
	WIPRO:- IRIS LED LD 71-121-XXX-50-XX			
	HAVELLS:- LHEBJNP ZPZ 1W 015(ENDURA LOW			
	DEPTH)			
	CG:- LC DD-15-CDL,			
		8	Nos	
21	External Street LED Light- Providing & Fixing of 30 watt			
	LED light fixture, pressure die cast aluminium housing,			
	heat resistant glass, IP 65 protection & better optics for			
	uniform distribution. PHILIPS, WIPRO, HAVELLS, CG			
		4	Nos	
22	LED Spot Light, 3 Watt, 2/3"(Inches) size as per site	-	1105	
22				
	PHILIPS, WIPRO, HAVELLS, CG	10	Nos	
		10	NUS	
23	LED COVE/ STRIP LIGHT WITH ITS ELECTRONIC			
	DRIVER(BLUE COLOUR):- Supply, installation, testing			
	and commissioning of bright LED strip light with its			
	electronic driver complete as required.			
	PHILIPS, WIPRO, HAVELLS, CG	60	Mtr	
24	Providing & fixing of "Digital Clock" /Digital Panel			
	indicating Time, Day, Date, Temperature at outside of			
	big size ,(Ajanta - OLC-1070) as suitable over the			
	facade as advised by the Bank with standard power back			
	up. Make:- Ajanta, Titan	1	Nos	
25	BOX TYPE LUMINAIRES: LED TUBE FITTINGS,	· · ·		
20	1200mm, 18/20 Watt			
	PHILIPS/WIPRO/HAVELLS/CG			
		12	Nos	
26	CEILING FAN: (5 Star rating, BLDC Fan)			<u> </u>
20				
	Single phase heavy duty grease filled double ball			
	bearing, aerodynamically designed heavy gauge			
	aluminium blades, copper wounded and impregnated			
	silicon stamping motors etc			
	1200 mm sweep, brilliant white			
	CG/USHA/ ORIENT/HAVELLS		NI.	
		22	Nos	ļ
27	EXHAUST FAN:-			
	Single phase, 300mm sweep, 900 rpm, metallic exhaust			
	fan of the following single phase Exhaust fan			
1	continuously rated, capacitor start and run type, totally			
1				
	enclosed and ruggedly built, pre lubricated double ball	5	Nos	
		5	Nos	
(B)	enclosed and ruggedly built, pre lubricated double ball	5	Nos	

1	Supply, installation, testing and commissioning of following AIR CONDIRIONERS as under. The Rate shall be inclusive of all taxes excluding GST. GST will be paid additionally by the Bank as applicable subject to GST Number. and system has complete one year warranty & If any additinal warranty provided by company/vendor in any specific part like compressor etc that is acceptable, please mentioned it.		
	Higher Efficient models of SPLIT AC, FIVE STAR INVERTER RATING OF BEE AIR CONDITIONERS 1.5 Ton Machines confirming to latest Indian Standards and suitable for operation on 230 Volts + 10 %, single Phase, 50 Hz AC supply with rotary compressor, Refrigerant and capable to perform cooling, dehumidifying, Air Circulating, auto mode, auto swing, anti bacteria filtering, ventilation and with remote control with Cool/Fan/Dry/Auto mode, sleep mode & on/off timer with suitable thermostat. The rate should include installation charges after making appropriate changes in existing false ceiling. Heavy ready made/fabricated M S Stand to house the out door unit as per site conditions including carpentry work, minor civil work and material	Nos	
2	Supply, installation, testing and commissioning of Higher Efficient models of CASSETTE TYPE AIR CONDITIONERS(Two) 2.0 Ton, INVERTER AC Machines confirming to latest Indian Standards and suitable for operation on 220 Volts + 10 %, three Phase, 50 Hz AC supply with Scroll compressor, Refrigerant and capable to perform cooling, dehumidifying, Air Circulating, auto mode, auto swing, anti bacteria filtering, ventilation and with remote control with Cool/Fan/Dry/Auto mode, sleep mode & on/off timer with suitable thermostat. The rate should include installation charges after making appropriate changes in existing false ceiling.		
3	Supply, installation, testing and commissioning of Higher Efficient models of CASSETTE TYPE AIR CONDITIONERS(Three) 3.0 Ton, INVERTER AC Machines confirming to latest Indian Standards and suitable for operation on 415 Volts + 10 %, three Phase, 50 Hz AC supply with Scroll compressor, Refrigerant and capable to perform cooling, dehumidifying, Air Circulating, auto mode, auto swing, anti bacteria filtering, ventilation and with remote control with Cool/Fan/Dry/Auto mode, sleep mode & on/off timer with suitable thermostat. The rate should include installation charges after making appropriate changes in existing false ceiling. Heavy ready made/fabricated M S Stand to house the out door unit as per site conditions	Nos	

4	Supply and installation of soft & prime quality of min. 22			
	G Copper pipe for " Split AC only" with class "o" Nitrile			
	insulation of minimum 12mm for split air conditioner			
	including interconnection power/ communication cable			
	between indoor and outdoor unit as per site			
	requirement. (If required additionally, payment will			
	made as per actual installtion. The rate inclusive of all			
	chisel work, plastering, finishing, painting & all civil			
	related work pertaing to mentioned work. Make of			
	Insulation:- Superion/Aflex/Armacell/Kflex Make of			
	cable:- Finolex/RR/Havells			
		45	Mtr	
5	Supply and installation of hard & prime quality of min. 22			
	G Copper pipe for "Cassette AC Only" with class "o"			
	Nitrile insulation of minimum 12 mm for 3 / 4 ton			
	cassette type air conditioner including interconnection			
	power/ communication cable between indoor and			
	outdoor unit as per site requirement.(If required			
	additionally, payment will made as per actual installtion.)			
	The rate inclusive of all chisel work, plastering, finishing,		• •	
		160	Mtr	
6	Drain Pipe (If Required additional) Applicale to both			
	ACs(Cassette & Split AC). Supply and laying of heavy			
	gauge PVC drain piping of 40mm with insulation as per			
	site requirement with its all accessories like bend,			
	solution etc as per site condition. The rate inclusive of all			
	chisel work, plastering, finishing, painting & all civil			
	related work pertaing to mentioned work. (If required			
	additionally, payment will made as per actual installtion.)			
	Make:- Kasta/supreme			
		80	Mtr	
7	Providing & fixing of 4KVA Voltage stabilizer with time			
	delay option including all accessories with installation at			
	site (For 1.5 Tr Split AC) Make:-Microtek, V-Gards			
	(Voltage Range 150- 280 Volts)			
		3	Nos	
8	Providing & fixing of 5 KVA Voltage stabilizer with time			
	delay option including all accessories with installation at			
	site (For 2.0 Tr Split AC & 2.0 Tr Cassette AC) Make:-			
	Microtek, V-Gards (Voltage Range 150- 280 Volts)			
		1	Nos	
9	Electronic Timer for auto swith on/off to AC of			
	server/ATM/E-lobby for 4Hr/8Hr. Make:- Legrand, L&T,	1	Nos	
	TOTAL:- (.B) AIR CONDITIONING WORK			
	SUMMARY:-			
	(A) SUB- TOTAL OF ELECTRICAL WORK			
	(B) SUB- TOTAL OF AIR CONDITIONING WORK			
<u> </u>	TOTAL(A+ B)			
1				

GST will be paid additionally as applicable @18%