CHICHOLI BRANCH, REGION- VI BETUL

BOQ FOR ELECTRICAL/CABLING/TELEPHONE WIRING & FITTINGS INCLUDING INSTALLATION OF 2 NOS CASSETTE Acs

(All items/specifications should be read as per Bank's specification)

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	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	Supply and erection of m.s. sheet steel enclosure of 16 SWG dust and vermin proof to be installed on Angle Iron frame of proper size suitable to accommodate 500 VT.P.N. electrolytic copper bus bar of 50x5 mm (3 Nos.)and 19x3mm one No complete in all respect as required. The control panel will also consist of the under noted switch gears INCOMING 100 A 25 KA 4-pole MCCB of Havells/ L&T make. OUTGOING (i) 63Amp MCCB -2 No (ii) 32Amp TPN MCB -2 No (1 No.Spare) (iii)Voltmeter, Ampere Meter with K.E.C/Esma make rotary switch with	set	1.00		
2	C.T. Coil Ftc Supply & Installation of SDP(Surge Protector Devicve) for general protection of main Distribution Board Legrad Make Cat No. 412247 (3P+N), 40 KA, T2- Imax 40KA/pole with complete wiring.	nos.	1.00		
3	Removal and dismantaling of all existing old wiring, switchgears, DBs, changeover, main switch, light/fan fixtures including LAN cabling/fittings and re-installation of the same as per directions	LS	1.00		
4	ELECTRICAL WIRING(light/fan) with 3x1.5 multistrand Cu- conductor . The item includes circuit wiring from DB to Switch board with 3x1.5 Cu-conductor(HAVELL'S, Fenolex/Polycab/RRKABELS)				
(a)	Providing and fixing of point wiring with above specifications. One light point controlled by one switch. Cost includes wiring.	nos.	30.00		
(b)	Providing and fixing of point wiring with same above specifications. Two light points to be controlled by one switch. Cost includes wiring.	nos.	0.00		
(c)	Providing and fixing of ceiling fan point controlled as under one 6 amp switch one no stepped electronic regulator of two module type.Cost includes wiring.	nos.	10.00		
(d)	Providing and fixing of separate power point controlled as under one 6 amp switch with 3x2.5 multistand cu-conductor.Cost includes wiring.	nos.	10.00		
(e)	providing and fixing 6 Amps Plug Points with same specs as above and install along with same light switchboard.	nos.	10.00		
(f)	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 excluding cost of wiring. ON/OFF in each switch board	nos.	6.00		
5	Supply and Installation of 8 way SP D.B.(for computer points) 6A Per way with controlling ELCB of 20A 300 mm sensitivity complete in all respects as required with interconnection MDS/Havells make.(Double Door).	nos.	2.00		
6	Supply and Installation of 12 way SP D.B.(for computers points) 6A Per way with controlling ELCB of 20A 300 mm sensitivity complete in all respects as required with interconnection MDS/Havells make.(Double Door).	nos.	2.00		

conduit.(UPS INPUT DB TO UPS) 0.00 b) 3 x 6 Sqmm copper multistreand wire in suitable size of 16 SGW (MMS) Mtrs. 0.00 d) 3 x 4 Sqmm copper multistreand wire in suitable size of 16 SGW (MMS) Mtrs. 50.00 e) 3 x 2.5 Sqmm copper multistreand wire in suitable size of 16 SGW Mtrs. 40.00			1	
consisting of the following components. a) 63A four pole MCB - 1No. b) 16A/32A SPMCB - 12 Nos. b) 16A/32A SPMCB - 12 Nos. cob installed on proper size of angle Iron Frame to be grouted on wall complete in all respects with interconnection as required 9 AC. / Geyser power Point : Supply, Installation, Testing and nos. commissioning of the surface / recess mounting A.C. / GEYSER power point excluding cost of wiring, with the followings : 5.00 9 AC. / Geyser Dower Point : Supply, Installation, Testing and nos. commissioning of the surface / recess mounting A.C. / GEYSER power point excluding cost of wiring, with the followings : 5.00 9 AC. / Geyser Dower Point : Supply, Installation, Testing and nos. commissioning of the surface / recess mounting A.C. / GEYSER power point excluding cost of wiring, with the followings : 5.00 9 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 mentioned below) 10 Computer Power Point: Supply and fixing of computer socket cluster nos. consisting of following components(MK NORTH WEST) a) 3Nos. Modular 5A switch. b) 3Nos. 3Pin Socket excluding cost of wiring. 9.00 11 UPS OUTGOI	7	 consisting of the following components. a) 63A four pole MCB - 1No. b) 10/16/32A SPMCB - 18 Nos. to be installed on proper size of angle Iron Frame to be grouted on wall complete in all respects with interconnection as required 	nos.	1.00
commissioning of the surface / recess mounting A.C. / GEYSER power point excluding cost of wiring 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 mentioned below) 10 Computer Power Point: Supply and fixing of computer socket cluster nos. consisting of following components(MK NORTH WEST) a) 3Nos. Modular 5A switch. b) 3Nos. 3Pin Socket excluding cost of wiring. 9.00 11 UPS OUTGOING AND OTHER WIRING (As per requirement and direction of E/D) 25.00 a) 3 x 10 Sqmm copper multistreand wire in 25 mm 16 SGW (MMS) Mtrs. steel conduit. 0.00 b) 3 x 4 Sqmm copper multistreand wire in suitable size of 16 SGW (MMS) Mtrs. steel conduit. 50.00 conduit. 3 x 1.5 Sqmm copper multistreand wire in suitable size of 16 SGW Mtrs. 90.00 50.00	8	 consisting of the following components. a) 63A four pole MCB - 1No. b) 16A/32A SPMCB - 12 Nos. to be installed on proper size of angle Iron Frame to be grouted on wall complete in all 	nos.	1.00
Image: Consisting of following components(MK NORTH WEST) a) 3Nos. Modular 5A switch. b) 3Nos. 3Pin Socket excluding cost of wiring. II UPS OUTGOING AND OTHER WIRING (As per requirement and direction of E/I) a) 3 x 10 Sqmm copper multistreand wire in 25 mm 16 SGW (MMS) steel Mtrs. 25.00 b) 3 x 6 Sqmm copper multistreand wire in suitable size of 16 SGW (MMS) Mtrs. 0.00 b) 3 x 4 Sqmm copper multistreand wire in suitable size of 16 SGW (MMS) Mtrs. 50.00 conduit. 40.00 (MMS) steel conduit. 50.00 f) 3 x 1.5 Sqmm copper multistreand wire in suitable size of 16 SGW Mtrs. 90.00	9	commissioning of the surface / recess mounting A.C. / GEYSER power point excluding cost of wiring.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		5.00
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steel conduit. 3 x 4 Sqmm copper multistreand wire in suitable size of 16 SGW (MMS) Mtrs. 50.00 d) 3 x 4 Sqmm copper multistreand wire in suitable size of 16 SGW (MMS) Mtrs. 50.00 e) 3 x 2.5 Sqmm copper multistreand wire in suitable size of 16 SGW Mtrs. 40.00 f) 3 x 1.5 Sqmm copper multistreand wire in suitable size of 16 SGW Mtrs. 90.00	(a)	3 x 10 Sqmm copper multistreand wire in 25 mm 16 SGW (MMS) steel	Mtrs.	25.00
steel conduit. 3 x 2.5 Sqmm copper multistreand wire in suitable size of 16 SGW Mtrs. 40.00 (MMS) steel conduit. 10 x 1.5 Sqmm copper multistreand wire in suitable size of 16 SGW Mtrs. 90.00	(b)		Mtrs.	0.00
(MMS) steel conduit.	(d)		Mtrs.	50.00
	(e)	(MMS) steel conduit.		
	(f)		Mtrs.	90.00

12 COPPER PLATE EARTH STATION: nos. 1.00 Preparation of the Plate Earth Station: (As per IS:3043) 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. 1.00 Supply and fixing of Copper Plate of Size 600 mm X 600 mm X 3.0 mm thick. Fixing of 50 mm X 6 mm, 3 Mtrs copper strips from Copper Plate to earth terminal including brazing/welding at plate etc. Supply and Fixing of the following in the earth station. 75 Kg. Charcoal. Supply and Fixing of the following in the earth station. 75 Kg. Charcoal. 15 Kg. Original Salt. Black Cotton soil of adequate amount. (f) Construction of earth station: Supply and laying of 10 Sq.mm Mtrs. 25.00 650V/1100 V PVC grade insulated copper vire in 15 mm G.1. Pipe ISI grade including and accessories complete as required. (Dedicated Earthing for UPS output DB only) 14 Copper strip: Providing and fixing Copper/GI strip as per specification Mtrs. 10.00 13 Supply and laying of 4 x 15 sq.mm PVCA armoured cable minimum l2mm thick wooden board 1.00 10 14 Copper strip: A x 5 symm MP VCA armoured cable (Golster/NICCO/ Havells) from pole to panel 1.00 1.00 15 Supplying and laying of 4 x 15 sq.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel 1.00 1.00 1.00 16 </th
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 5200 mm. Supply and fixing of Copper Plate of Size 600 mm X 600 mm X 3.0 mm thick. Fixing of 50 mm X 6 mm, 3 Mtrs copper strips from Copper Plate to earth terminal including brazing/welding at plate etc. Supply and Fixing of the following in the carth station. 75 Kg. Charcoal. 15 Kg. Original Salt. Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work 13 10 Sq.mm wire for earth station: Supply and laying of 10 Sq.mm Mtrs. 650V/1100 V PVC grade insulated copper wire in 15 mm G1. Pipe 1SI grade including all accessories complete as required.(Dedicated Earthing for UPS output DB only) 14 Copper strip: Providing and fixing Copper/GI strip as per specification Mtrs. 10.00 compete including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soil/rocks etc complete as required. 50.00 (Golster/NICCO/ Havells) from pole to panel Mtrs. 50.00 15 Supplying and laying of 4 x 15 sq.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel Mtrs. 20.00 17 Supplying and in
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 5200 mm. Supply and fixing of Copper Plate of Size 600 mm X 600 mm X 3.0 mm thick. Fixing of 50 mm X 6 nm, 3 Mtrs copper strips from Copper Plate to earth terminal including brazing/welding at plate etc. Supply and laying in position 19 mm, 2 Mtrs G.1 "B" Class pipe for watering with reducer/funnel with mesh. Supply and Fixing of the following in the earth station. 75 Kg. Charcoal. 15 Kg. Original Salt. Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work 13 10 Sq.mm wire for earth station: Supply and laying of 10 Sq.mm Mtrs. 650V/1100 V PVC grade insulated copper wire in 15 mm G1. Pipe 1SI grade including all accessories complete as required (Dedicated Earthine for UPS output DB only) 14 Copper strip: Providing and fixing Copper/GI strip as per specification Mtrs. compete including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soil/rocks etc complete as required. 1.00 15 Supply and installation of 200A / 415V KIT-KAT (Porcelain type) on set minimum 12mm thick wooden board 1.00 16 Supplying and laying of 4 x 16 sq.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel Mtrs. 20.00 17 Supplying and installation of Cat6 D patch Cord – 1.0m, D-Link no. 10.00 10.00 18 Supplying and install
filling with black cotton soil for the earth station, the earth pit size is 1000 mm X 1000 mm X 2500 mm. Supply and fixing of Copper Plate of Size 600 mm X 600 mm X 3.0 mm thick. Fixing of 50 mm X 6 mm, 3 Mtrs copper strips from Copper Plate to earth terminal including brazing/welding at plate etc. Supply and laying in position 19 mm, 2 Mtrs G.I "B" Class pipe for watering with reducer/funnel with mesh. Supply and Fixing of the following in the earth station. 75 Kg. Charcoal. 15 Kg. Original Salt. Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work 25.00 13 10 Sq.mm wire for earth station: Supply and laying of 10 Sq.mm Mtrs. 25.00 650V/1100 V PVC grade insulated copper wire in 15 mm G.I. Pipe ISI grade including and fixing Copper/GI strip as per specification Mtrs. 10.00 copper strip : Providing and fixing Copper/GI strip as per specification Mtrs. 10.00 compete including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soil/rocks et complete as required. 100 16 Supplying and laying of 4 x 16 sq.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel Mtrs. 50.00 17 Supplying and laying of 4 x 16 sq.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel Mtrs. 20.00 18 Supplying and installation of Cat6 D patch Cord – 1.0m, D-Link no. 10.00 9
1000 mm X 1000 mm X 2500 mm. Supply and fixing of Copper Plate of Size 600 mm X 600 mm X 3.0 mm thick. Fixing of 50 mm X 6 mm, 3 Mtrs copper strips from Copper Plate to earth terminal including brazing/welding at plate etc. Supply and laying in position 19 mm, 2 Mtrs G.1 "B" Class pipe for watering with reducer/funnel with mesh. Supply and Fixing of the following in the earth station. 75 Kg. Charcoal. 15 Kg. Original Salt. Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work 13 10 Sq.mm wire for earth station: Supply and laying of 10 Sq.mm Mtrs. 650V/1100 V PVC grade insulated copper wire in 15 mm G.1. Pipe 1SI grade including at accessories complete as required (Dedicated Earthing for UPS output DB only) 14 Copper strip.: Providing and fixing Copper/GI strip as per specification Mtrs. complete including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soil/rocks etc complete as required. for Gonser Strip .52 S. Semm. 15 Supply and installation of 200A / 415V KIT-KAT (Porcelain type) on set 16 Supplying and laying of 4 x 16 sq.mm PVCA armoured cable Mtrs. (Golster/NICCO/ Havells) from pole to panel 17 Supplying and laying of 4 x 25 sq.mm PVCA armoured cable Mtrs. (Golster/NICCO/ Havells) from pole to panel B. SUPPLY AND INSTALLATION OF LAN COMPON
Supply and fixing of Copper Plate of Size 600 mm X 600 mm X 3.0 mm thick. Fixing of 50 mm X 6 mm, 3 Mtrs copper strips from Copper Plate to earth terminal including brazing/welding at plate etc. Supply and laying in position 19 mm, 2 Mtrs G.1 "B" Class pipe for watering with reducer/finmel with mesh. Supply and Fixing of the following in the earth station. 75 Kg. Charcoal. 15 Kg. Original Salt. Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work 13 10 Sq.mm wire for earth station: Supply and laying of 10 Sq.mm Mtrs. 6500V/1100 V PVC grade insulated copper wire in 15 mm G.1. Pipe ISI grade including all accessories complete as required. 14 Copper strip: Providing and fixing Copper/GI strip as per specification Mtrs. 15 Supply and installation of 200A / 415V KIT-KAT (Porcelain type) on set 16 Supplying and laying of 4 x 15 sq.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel 17 Supplying and laying of 4 x 15 sq.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel 18 Supplying and installation of Cat6 D patch Cord – 1.0m, D-Link 19 COMPUTER PONT WITH DATA CABLING FOR LAN:- Providing, Nos. 19 Supplying and installation of Cat6 D patch Cord – 1.0m, D-Link 19 COMPUTER PONT WITH DATA CABLING FOR LAN:- Providing, Nos. fixing, testing and
thick. Fixing of 50 mm X 6 mm, 3 Mtrs copper strips from Copper Plate to earth terminal including brazing/welding at plate etc. Supply and laying in position 19 mm, 2 Mtrs G.I "B" Class pipe for watering with reducer/funnel with mesh. Supply and Fixing of the following in the earth station. 75 Kg. Charcoal. 15 Kg. Original Salt. Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work 13 10 Sq.mm wire for earth station: Supply and laying of 10 Sq.mm Mtrs. 650V/1100 V PVC grade insulated copper wire in 15 mm G.I. Pipe ISI grade including all accessories complete as required (Dedicated Earthing for UPS output DB ooly) 14 Copper strip: Providing and fixing Copper/GI strip as per specification Mtrs. 15 Supply and installation of 200A / 415V KIT-KAT (Porcelain type) on set 16 Supply and installation of 200A / 415V KIT-KAT (Porcelain type) on set 17 Supplying and laying of 4 x 15 sq.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel 17 Supplying and laying of 4 x 25 sq.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel 18 Supplying and installation of Cat6 D patch Cord – 1.0m, D-Link 19 COMPUTER POINT WITH DATA CABLING FOR LAN:- Providing, Nos. 9 fixing, testing and commissioning of all nodes of four pair UTP CAT 6 LAN: cables length upto 30 meter length or
Fixing of 50 mm X 6 mm, 3 Mtrs copper strips from Copper Plate to earth terminal including brazing/welding at plate etc. Supply and laying in position 19 mm, 2 Mtrs G.I "B" Class pipe for watering with reducer/funnel with mesh. Supply and Fixing of the following in the earth station. 75 Kg. Charcoal. 15 Kg. Original Salt. Black Cotton soil of adequate amount. (i) Construction of earth pit chamber including necessary brick work 13 10 Sq.mm wire for earth station: Supply and laying of 10 Sq.mm Mtrs. 650V/1100 V PVC grade insulated copper wire in 15 mm G.I. Pipe ISI grade including all accessories complete as required. (Dedicated Earthing for UPS outpt DB only) 14 Copper strip : Providing and fixing Copper/GI strip as per specification minimum 12mm thick wooden board 15 Supply and installation of 200A / 415V KIT-KAT (Porcelain type) on set minimum 12mm thick wooden board 16 Supplying and laying of 4 x 15 sq.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel 17 Supplying and laying of 4 x 25 sq.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel 18 Supplying and installation of Cat6 D patch Cord – 1.0m, D-Link 19 COMPUTER POINT WITH DATA CABLING FOR LAN:- Providing, Nos. 9 18 Supplying and installation of Cat6 D patch Cord – 1.0m, D-Link no. 10.00 10.00 19 COMPUTER POINT WITH DATA CABLING FOR LAN:- LAN cables length upto 30 meter length or less as per site cond
earth terminal including brazing/welding at plate etc. Supply and laying in position 19 mm, 2 Mtrs G.I "B" Class pipe for watering with reducer/funnel with mesh. Supply and Fixing of the following in the earth station. 75 Kg. Charcoal. 15 Kg. Original Salt. Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work 13 10 Sq.mm wire for earth station: Supply and laying of 10 Sq.mm Mtrs. 650V/1100 V PVC grade insulated copper wire in 15 mm G.I. Pipe ISI grade including all accessories complete as required. Earthing for UPS output DB only) 14 Copper strip: Providing and fixing Copper/GI strip as per specification Mtrs. convect including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soil/rocks etc complete as required. foi Conseas Strin 52.5.5 sum 15 Supply and installation of 200A / 415V KIT-KAT (Porcelain type) on set 16 Supplying and laying of 4 x 16 sum PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel 17 Supplying and laying of 4 x 25 s.g.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel 17 Supplying and laying of 4 x 25 s.g.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel 18 Supplying and laying of 4 X 25 s.g.mm PVCA armoured cable (Col Havells)
earth terminal including brazing/welding at plate etc. Supply and laying in position 19 mm, 2 Mtrs G.I "B" Class pipe for watering with reducer/funnel with mesh. Supply and Fixing of the following in the earth station. 75 Kg. Charcoal. 15 Kg. Original Salt. Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work 13 10 Sq.mm wire for earth station: Supply and laying of 10 Sq.mm Mtrs. 650V/1100 V PVC grade insulated copper wire in 15 mm G.I. Pipe ISI grade including all accessories complete as required. Earthing for UPS output DB only) 14 Copper strip: Providing and fixing Copper/GI strip as per specification Mtrs. convect including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soil/rocks etc complete as required. foi Conseas Strin 52.5.5 sum 15 Supply and installation of 200A / 415V KIT-KAT (Porcelain type) on set 16 Supplying and laying of 4 x 16 sum PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel 17 Supplying and laying of 4 x 25 s.g.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel 17 Supplying and laying of 4 x 25 s.g.mm PVCA armoured cable (Golster/NICCO/ Havells) from pole to panel 18 Supplying and laying of 4 X 25 s.g.mm PVCA armoured cable (Col Havells)
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watering with reducer/funnel with mesh. Supply and Fixing of the following in the earth station. 75 Kg. Charcoal. 15 Kg. Original Salt. Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work 13 10 Sq.mm wire for earth station: Supply and laying of 10 Sq.mm Mtrs. 650V/1100 V PVC grade insulated copper wire in 15 mm G.I. Pipe ISI grade including all accessories complete as required. (Dedicated Earthing for UPS output DB only) 14 Copper strip: Providing and fixing Copper/GI strip as per specification Mtrs. 15 Supply and Installation of 200A / 415V KIT-KAT (Porcelain type) on set 16 Supplying and laying of 4 x 16 sq.mm PVCA armoured cable Mtrs. 50.00 (Golster/NICCO/ Havells) from pole to panel Mtrs. 17 Supplying and laying of 4 x 25 sq.mm PVCA armoured cable Mtrs. 18 Supplying and installation of Cat6 D patch Cord – 1.0m, D-Link no. 18 Supplying and installation of Cat6 D patch Cord – 1.0m, D-Link pol 19 COMPUTER POINT WITH DATA CABLING FOR LAN: - Providing, Nos. p 118 Supplying and installation of Cat6 D patch Cord – 1.0m, D-Link no. 10.00 19 COMPUTER POINT WITH DATA
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cleaning the site etc complete as required as per site condition and as directed as required. Junction box shuld be covered with Stainless steel
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.)
IVIAKE UI IVIAICIIAI
Make of Material:- (i) Data Cable Cat 6 cable Switch Jack papel Rack Patch cords &
(i) Data Cable, Cat 6 cable, Switch, Jack panel, Rack, Patch cords & Other accessories:- D-Link, Legrand

20	TELEPHONE POINT :- 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 shueld 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		3
21	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 accessories complete in all respect	Nos.	1
	C. SUPPLY AND FITTING OF ELECTRICAL FITTINGS		
22	LED LUMINARS (2' x 2') 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:- CRC010R0 38 HP57 HAVELLS:- LHECDIL7IL1W036 (Edge-Lit)		10.00
23	LED LUMINARES:- 1 x4' (FULL GLOW TYPE) LED light fittings (300 X1200mm) 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:- CRC010RO 38 HP57 HAVELLS:- LHECDIL7IL1W036 (Edge- Lit)		2.00
24	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:-	Nos.	20.00
25	External 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		1.00
26		Nos.	2.00
27		Mtr.	30.00
28	OLD LED LUMINARS (2' x 2') re- fittings (600 X600mm) as required per instruction. (FULLGLOW) WIPRO:- CRCO1ORO 38 HP57 HAVELLS:- LHECDIL7IL1W036 (Edge- Lit) CG:- LCTAR3-40-CDL	Nos.	10.00
29	Digital Clock :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	Nos.	1.00

30	Wall Fan: Supplying and fixing of 400mm sweep wall fan as per bank's specification	Nos.	0.00
31	Ceiling Fan: Supplying and fixing of 1200mm sweep ceiling fan as per bank's specification	Nos.	6.00
32	Exhaust Fan: Supplying and fixing of exhaust fan as per bank's specification	Nos.	2.00
33	2.0 T Cassette AC : Supply, installation, testing and commissioning of Higher Efficient models of CASSETTE TYPE AIR CONDITIONERS(Two) 2.0 Ton Machines confirming to latest Indian Standards and suitable for operation on 230 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 including carpentry work, minor civil work and material including copper piping of hard & prime quality of min. 22 G upto 5 metres with class "o" Nitrile insulation 12mm , cabling from indoor to outdoor unit, heavy gauge PVC drain piping with insulation as per site requirement. The copper piping, drains piping and electrical cabling	Nos.	2.00
25	<u>1.5 T Split AC(Inverter technology) :</u> installation of 1.5 T split Air- conditioner as per directions(5 star) of approved brand as per bank's specification. Complete item of job.	Nos.	1.00
35	1.0 T Split AC : Supply and installation of 1.5 T split Air-conditioner of Voltas /Blue Star/Carrier make (3 star ratings) including cost of stand for outer unit. Cost of additional Cu pipe, and cable if required will be considered as per as per actual market rates. Installation of indoor units & out door units should be done as per direction of the Bank/EI		0.00
36	Cu-pipe: Supply and installation of soft & prime quality of min. 22 G Copper pipe for "Cassette 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:- Superlon/Aflex/Armacell/Kflex Make of cable:- Finolex/RR/Havells	Mtrs.	20.00
37	Cu-pipe: 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:- Superlon/Aflex/Armacell/Kflex Make of cable:-Finolex/RR/Havells	Mtrs.	40.00
38	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	Mtrs.	90.00

39	1.5 T Split AC/2t cassette ACs : Re- installation of 1.5 T old split Air-	Nos.	2.00	
	conditioner as per directions. Cost of additional Cu pipe, and cable if			
	required will be considered as per as per actual market rates. Installation			
	of indoor units & out door units should be done as per direction of the			
	Bank/EI.Cost includes cleaning of machine, gas charging ig required,			
	shifting of outdoor unit etc. complete item of job.			
	GST Will be paid as per norms		Total	

Amount in words.....

Signature of the Vendor