.No	Description of items	Qty	Unit	Rate	Amou
	_ 223p200	٦٠)			
(A)	ELECTRICAL WIRING WORK				
	Note: Use of Flexible conduits & Elbows in Circuit wiring is				
	not allowed except in exceptional site conditions with the				
	approval of Bank's Engineer / Architect and All wiring laying				
	in the MS/PVC conduit strickle follow IE(Indian Electricity)				
	rules, IS code, follow in all items of project/ work execution.				
	Proper ferrules, lux, thimble, gland termination to be done				
	in all cabling & wiring from both load/source end. Conduit				
	carrying submain will not carry circuit/point wiring. Similarly				
	conduit carrying circuit wiring will not carry submain/point wiring. Conduit carrying point wiring will not carry				
	submain/circuit wiring. All Electrical works				
	(Cabling/wiring/panel etc) to be carried out as per				
	layout/General Arrangement (GA)Drawing attached only.				
	5 (= / 5 = ====				
1	ELECTRICAL WIRING				
	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 FR 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:				
	Providing and fixing of point wiring with above				
	specifications. One light point controlled by one switch.	98	Nos.		
b	Providing and fixing of point wiring with same above	30	1100.		
	specifications. Two light points to be controlled by one				
	switch.	20	Nos		
	Providing and fixing of ceiling fan point controlled as under				
	(i) one 6 amp switch				
	(ii) one no stepped electronic regulator of two module type.			1	
	· / · · · · · · · · · · · · · · · · · ·				

d	providing and fixing 6 Amps Plug Points with same specs				
	as above and install along with same light switchboard				
		30	Nos		
	Master switch of 40 Amana/ Only Cray/Colden/Mandan	- 00	1403		
e	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				
	ON/OTT III Cacit switch board	15	Nos		
		13	1105		
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 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.				
	(Minimum two and Maximum three points are loop with one				
	circuit as mentioned beolw)	27	Nos		
2	'		1100		
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 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.				
	(Maximum two points are loop with one circuit as				
	mentioned below)	36	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)				
	<u> </u>	30	Nos		
	AC/Geyser Point (Single Phase)	30			
-					
	Supply, Installation, 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. +				
	The state of the s				
	25A & 10A twin socket				
	(Only one point is connected with one circuit as mentioned				
	below)				
		9	Nos		
	AC Doint (Three Dhes -)		1103	-	
1 6	AC Point (Three Phase)			I	

	Supply, Installation, Testing and commissioning of the surface / recess mounting A.C. Cassette power point with the followings: 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: Supplying, providing circuit wiring for Power/UPS with following PVC insulated copper conductor single core multi strended wire (HRFR) in mentioned conduit i/c electrical connections in 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 MS conduit with conduit accessories like bend/junction box/ fan box etcwith cover plate, sheet steel box/ PVC modular box etc on surface/ concealed manner i/c electrical	6	Nos	
	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. The length of circuit upto 30 meter length or less			
	as per site condition/requirment. Make of Material			
	(i) MS conduit/PVC conduit with all accessories:- BEC/AKG/NIC/Precision			
	(ii) PVC insulated copper wire(FR) 650V/1100 V grade:-			
	Finolex/RR cable/ Havells			
	2 V 2 F. comm. / For LIDS Circuit/S amp Separate Decad			
a	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.	35	Nos	
b	3 X 4.0 sqmm (For AC/Power Circuit) in suitable size of 16	20	Noo	
8	SWG (MMS) steel conduit as per IS code. UPS OUTGOING & OTHER WIRING, As Per Requirment.	33	Nos	
	•			
а	3 x 10 Sqmm copper multistreand wire in 25 mm 16 SGW (MMS) steel conduit.(UPS INPUT DB TO UPS)	30	R.Mtr	
h	3 X 1.5 Sqmm copper multistreand wire in suitable size of	30	rv.iviti	
	16 SWG (MMS) steel conduit.	5	R.Mtr	
С	3 X 2.5 Sqmm copper multistreand wire in suitable size of			
	16 SWG (MMS) steel conduit. 3 X 4 Sqmm copper multistreand wire in suitable size of 16	5	R.Mtr	
"	SWG (MMS) steel conduit.	5	R.Mtr	
е	5 X 4 Sqmm. Copper multistrend wire in suitable size of 16			
	SWG (MMS) steel conduit (For Cassettee AC)	45	R.Mtr	
f	3 X 6 Sqmm copper multistreand wire in suitable size of 16 SWG (MMS) steel conduit.	5	R.Mtr	
9	DISTRIBUTION BOARDS		13.1910	
	All MCB to be "C" series			

\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Supply, installation, Testing and commissioning of the surface/recess mounting following ways MCB DB's 230/415 Volts with tinned copper busbar, neutral bar, earth bar, din par detachable gland plate, interconnection and making good all the damages, painting, cleaning the site etcomplete as required as per site requirement. All MCCB has braking capacity is 25KA and ALL MCB/ELCB has preaking capacity has 10 KA. Make of Materials Panel- As per IS Standards/CPRI Tested. DBs/MCCB/MCBs- Legrand/Siemens/Hagger/Schneider only (Note:- Before Placing the Panel order, firstly it Passed by The Bank Authority, otherwise it will not considered)			
t of f F F F F F F F F F F F F F F F F F	Supplying, installation, testing and commissioning of indoor type, sectionalised, compartmentalized, MV Panel board of suitable size fabricated from CRCA sheet of 2 mm thick for frame work, enclosure and doors, 3 mm thick for gland clates with stiffers where required, having vibration free structure chemically treated with seven tank process before clainting for surface treatment and powder coated, with aluminum busbar with DMC / SMC busbar supports suitable for 3 Phase 415 V 50 Hz AC supply i/c providing and fixing the following switchgear mounted thereon complete with gaskets and interconnections, connection as per specification complete as required. (The board shall be dust & vermin proof with suitable degree of IP protection) NOTE: All switchgears Ics shall be equal to 100% Icu. Sheet 14 swg: panel sides, upper, lower, and Ft. doors Sheet 16 swg: back side and compartments. Glande plates: 3 mm thick. Cable entry: Provision at bottom and upper sides. The above panel belongs following as under: A. 4 Nos. 200 Amp. Electrolytic grade Aluminum Bus Bars insulated with colored Heat Shrinkable PVC Sleeves & duly supported on SMC/DMC molded supports with Antitracking parriers. 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: 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. Providing & fixing 6 way vertical load line double door D.B for AC with 125 Amp. TP MCCB incomer and outgoing to be 3 Nos 32 amp TP MCB, 9 Nos 32 amp SP MCB	1	Nos	
l b	Providing and fixing 6 way TPN double door DB for LIGHT	2	Nos	
/	POWER POINTS with 63 Amp TPN, controlling 18 Nos. 10/16/32 Amps SPMCBs. & Complete.	1	Nos	

е	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.	1	Nos	
f	Providing and fixing (12) way SPDB double door type For UPS points with 1x32 Amps DP, controlling 10 Nos, 16 AMP SPMCB	2	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	2	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)	1	Nos.	
i	Providing and fixing of Kit Kat Rewirable Porcelian fuse carrier & base with wooden frame of 200 amp/415 Volt near meter box	1	Set	
	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	
	4X 25 Sq.mm XLPE.Al.armoured Cable (POWER/LIGHT/UPS)	65	Mtr	
	4X 16 Sq.mm XLPE.Al.armoured Cable (LIGHT/UPS) EARTHING	35	Mtr	
11	EARTHING			

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.			
	2	Nos	
ii G.I.PLATE 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 deep. (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 plate etc. (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. (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 req.and marking its value and identification etc.			
	2	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 soil/rocks etc complete as requiued. .(a) Copper Strip 25 X 5 mm			
(b) G.I.Strip 25 X 5 mm	25	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.(Dedicated Earthing for UPS output DB only)		Mtr.	

40	OCCUPANCY SENSORS:-			
12				
	Supply, installation , testing and commissioning of			
	occupancy sensor surface/recess mounted as per site			
	condition complete with all wiring/conduit/Switch etc			
	complete in all respect as per site condition as required			
	Honeywell Make K5015/16, Siemens/Johnson Control			
	OR Equivalent as per Bank's approved.			
		1	Nos	
13	TELEPHONE POINT			
	Supplying, Installation, testing and commissioning of the			
	telephone point with the followings			
(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	24	Nos	
/ii\	Supplying and fixing of krone telephone tag block on		1103	
(11)				
	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	
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.)			
	(i) Data Cable, Cat 6 cable, Switch, Jack panel, Rack, Patch cords & Other accessories:- D-Link, Legrand	45	Nos	
b	Providing and fixing Patch Panels 24 port (100 base TX) CAT 6 patch/jack panel with connector, out lets and necessary connectivity complete as required & (D-Link make)		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. 9 U wall mounted RACK	1	Nos	
d	Providing and fixing of flowing factory fabricated Patch cords. (UTP/CAT 6 complte with connector on both side.)		1403	
i)	for 1 Mt. long	45	Nos.	
ii)	for 2 Mt. long	45	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 to interconnect the switches from different location.	60	Mtr	
	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	1	Nos	
	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	_

18	Removal and dismentalling of all existing old wiring, switchgears, DBs, changeover, main switch, old casing capping, old wooden casing capping, all type of light/fan fixtures and kept them in good condition with in 200 meter of the premises in any location as per direction of Bank. Payment of whole work should be made after the complete removal and dismentalling of above said old wiring and switchgears and making all wiring/cabling/switchgears arrangements for smooth operation of Banking with taken care of all safety & precaution as per IS code & Indian Electricity Rule & as per CPWD norms.	1	Lumeum	
		1	Lumsum	
	Description of light /fan fixture			
	Supply and Installation, Testing and commissioning of the following fittings / equipments in surface/recess mounted as directed etc down rods of size upto 300 mm where ever required with ball sockets, anchor fastner etc complete as per site conditions. All fittings should be hang with suitable size of GI wire to four corner of fittings to the RCC rooftop with suitable size of anchor fastner/heavy gauge screw. The necessary arrangement is made by the contractor to install fittings in false ceiling especially 2'X2' and 4'X1' etc. as per instruction of Bank Engg.			
19	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			
		50	Nos	
20	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,	49	Nos	
21	LED DOWNLIGHTER:SURFACE MOUNTED FOR FRONT	10	.,,,,,	
21	SIDE(EXTERNAL) 15 Watt, surface mounted circular/square down lighter, 6" dimension with complete its electronic driver are as under:-PHILIPS, WIPRO, HAVELLS, CG	6	Nos	
22	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	150	Mtr	

23	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	
24	BOX TYPE LUMINAIRES: LED TUBE FITTINGS, 1200mm,			
	18/20 Watt			
	PHILIPS/WIPRO/HAVELLS/CG			
	FRILIPS/WIPKO/NAVELLS/OG	24	Noo	
05	05" 110 541	34	Nos	
25	CEILING FAN:			
	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			
		34	Nos	
26	EXHAUST FAN:-			
	Single phase, 300mm sweep, 900 rpm, metallic exhaust			
	fan of the following single phase Exhaust fan continuously			
	rated, capacitor start and run type, totally enclosed and			
	ruggedly built, pre lubricated double ball bearing, copper			
	wounded, A & E class insulation, dynamically balanced,			
	below 40 db sound level etc, front cover with grill/gravity			
	louver for protection purpose with 12 mm plywood complete			
	in all respect make as under: CG/USHA/			
	ORIENT/HAVELLS/ALMONARD/ALSTOM			
		5	Nos	
27	WALL FAN:-(Only Metallic Body)			
	Oscillating wall fan with regulator i/c coonections etc			
	complete as required as per approved make, Sweep			
	400/450 mm , RPM 1300 make are as under:			
	CG/USHA/ ORIENT/HAVELLS			
	OG/OGITA/ ORIENT/HAVELEO	1	Nos	
	(A) TOTAL ELECTRICAL		1103	
	(A) TOTAL LELOTINIOAL			
(F)				
(B)	AIR CONDITIONING WORK			
	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.			

1 Supply, installation, testing and commissioning of Higher			
Efficient models of SPLIT AC, THREE STAR RATING OF BEE			
AIR CONDITIONERS 1.5 Ton Machines confirming to latest			
Indian Standards and suitable for operation on 230 Volts +	l .		
10 %, single Phase, 50 Hz AC supply with rotary			
compressor, Refrigerant and capable to perform cooling			
dehumidifying, Air Circulating, auto mode, auto swing, ant			
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	l .		
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	l .		
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	l .		
indoor to outdoor unit, heavy gauge PVC drain piping with	l .		
insulation as per site requirement. The copper piping			
drains piping and electrical cabling should be fixed with			
clamps and no loose piping/cabling is allowed. The out			
door unit should be anti-rust powder coated. Indoor unit			
should have LED display. The rates inclusive of all repairs			
of civil and carpentry work The cost includes original fil			
and additional top up of refrigerant gas as per site	7	Nos	
2 Supply, installation, testing and commissioning of Higher			
Efficient models of SPLIT AC, THREE STAR RATING OF BEE			
AIR CONDITIONERS 2.0 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, ant			
bacteria filtering, ventilation and with remote control with			
Cool/Fan/Dry/Auto mode, sleep mode & on/off timer with	l .		
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	l .		
with class "o" Nitrile insulation 12mm, cabling from			
indoor to outdoor unit, heavy gauge PVC drain piping with	l .		
insulation as per site requirement. The copper piping	l .		
drains piping and electrical cabling should be fixed with	l .		
clamps and no loose piping/cabling is allowed. The out			
door unit should be anti-rust powder coated. Indoor unit			
should have LED display. The rates inclusive of all repairs			
of civil and carpentry work The cost includes original fil			
and additional top up of refrigerant gas as per site	2	Nos	

			l	
3	Supply, installation, testing and commissioning of Higher			
	Efficient models of CASSETTE TYPE AIR			
	CONDITIONERS(Four) 4.0 Ton 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 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 should be fixed with			
	clamps and no loose piping/cabling is allowed. The rates			
	inclusive of all repairs of civil and carpentry work The out			
	door unit should be anti-rust powder coated. The cost			
	includes original fill and additional top up of refrigerant	2	Nos	
4	Supply, installation, testing and commissioning of Higher			
	Efficient models of CASSETTE TYPE AIR			
	CONDITIONERS(Three) 3.0 Ton 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			
	1			
	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 should be fixed with			
	clamps and no loose piping/cabling is allowed. The rates			
	inclusive of all repairs of civil and carpentry work The out			
	door unit should be anti-rust powder coated. The cost			
	includes original fill and additional top up of refrigerant	4	Nos	

G Coppe insulatio air cor commun as per si will mad chisel wowk pe	nd installation of hard & prime quality of min. 22 r pipe for "Cassette AC Only" with class "o" Nitrile n of minimum 12 mm for 3 / 4 ton cassette type nditioner including interconnection power, ication cable between indoor and outdoor unite requirement.(If required additionally, payment e as per actual installtion.) The rate inclusive of all ork, plastering, finishing, painting & all civil related retaing to mentioned work. Make of Insulation: //Aflex/Armacell/Kflex . Make of cable:Finolex/RR			
		80	Mtr	
Copper insulatio including between (If requi installtio finishing mention Superlor	nd installation of soft & prime quality of min. 22 of pipe for "Split AC only" with class "o" Nitrile n of minimum 12mm for split air conditioners interconnection power/ communication cable indoor and outdoor unit as per site requirement red additionally, payment will made as per actuan. The rate inclusive of all chisel work, plastering painting & all civil related work pertaing to ed work. Make of Insulation: Aflex/Armacell/Kflex Make of cable: RR/Havells			
		125	Mtr	
ACs(Cass gauge Pi site requ etc as p work, pla pertaing payment Kasta/su		85	Mtr	
8 Providing	g & fixing of 4 KVA Voltage stabilizer with time	+		
delay op site (For	tion including all accessories with installation at 1Tr /1.5Tr Split AC & 1.5 Tr Cassette AC) Make: , V-Gards (Voltage Range 150- 280 Volts)	:	Nos	
delay op site (For	g & fixing of 5 KVA Voltage stabilizer with time tion including all accessories with installation a 2Tr Split AC & 2 Tr Cassette AC) Make:-Microtek (Voltage Range 150- 280 Volts)	:	Nos	
10 Electroni	c Timer for auto swith on/off to AC o		1,00	
server/A	TM/E-lobby for 4Hr/8Hr. Make:- Legrand, L&T er Eq. ISI make		Nos	

Deinstallation and Refixing of Existing split AC afte necessary cleaning with gas toping as required in the new location as per site condition inclusive all necessary civ	v		
mechinory, ply & electrical work.		Nos	
TOTAL:- (B) AIR CONDITIONING WORK			
(A) TOTAL OF ELECTRICAL WORK			
(B) TOTAL OF AIR CONDITIONING WORK			
GRAND TOTAL(A+ B) excluding GST*			

^{*}GST will be paid additionally by the Bank as applicable

SEAL AND SIGNATURE OF CONTRACTOR