

PRICE BID OF ELECTRICAL AND AC WORKS AUDITOR (BLOCK-A) & GIRLS HOSTEL (BLOCK-B), GROUND FLOOR, SBILD, INDORE					
S.No	Description of items	Qty	Unit	Rate	Amount
1	ELECTRICAL WIRING				
	<p>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 stranded 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/Socket with plate and Metal/PVC box, Scaddle, angle bracket (if required), 3 plate ceiling rose/bulb holder etc. The floor/roof/wall junction box should 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 ceiling rose with all accessories:- Lergand/ Anchor(Roma)/MK/ Crabtree (ii) MS conduit/PVC conduit with all accessories:-</p>				
a	Providing and fixing of point wiring with above specifications. One light point controlled by one switch.	240	Nos.		
b	Providing and fixing of point wiring with same above specifications. Two light points to be controlled by one switch.	60	Nos		
c	Two way switch:- Providing and fixing of point wiring with above specifications. One light point controlled by two switch.	28	Nos		
d	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.	20	Nos.		
e.	providing and fixing 6 Amps Plug Points with same specs as above and install along with same light switchboard	56	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)	36	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)	34	Nos		
4	SPECIAL POINTS : (For Computers & TV). 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 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. 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)	34	Nos		
5	BED SIDE POINTS . 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 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. 2 Nos. 6 A Switch + 2 Nos. 6 A, 3 pin Socket (Minimum two and Maximum three points are loop with one circuit as mentioned beolw)	36	Nos		
6	MASTER SWITCH POINTS(NEAR THE DOOR OUTSIDE)- 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 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. 3 NOS DP SWITCH OF 32 AMP WITH INDICATOR, 1 NOS SWITCH OF 16 AMP WITH INDICATOR, 1 BELL POINT	14	Nos		

7	<p>AC/Geyser (Single Phase). Supply, Installation, Testing and commissioning of the surface / recess mounting A.C. / GEYSER power point with the followings :</p> <p>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.</p> <p>OR Modular 32A DP 1 way switch with plate & box 1 set. + 25A & 10A twin socket</p> <p>(Only one point is connected with one circuit as mentioned below)</p>	36	Nos		
8	<p>CIRCUIT WIRING :(FRLS WIRE)</p> <p>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</p>				
8.A	3 X 1.5 sqmm (For UPS Circuit per room) in suitable size of 16 SWG (MMS) steel conduit as per IS code(1 Ckt per room)	18	Nos		
8.B	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.	8	Nos		
8.C	3 X 4.0 sqmm (For AC/Power Circuit) in suitable size of 16 SWG (MMS) steel conduit as per IS code.(2 Ckt per room- 1 for AC and 1 for Geyser/Power/5 amp)	48	Nos		
9	OTHER FRLS WIRING, As Per Requirement.				
(a)	3 X 1.5 Sqmm copper multistread FRLS wire in suitable size of 16 SWG (MMS) steel conduit.	50	R.Mtr		
(b)	3 X 2.5 Sqmm copper multistread FRLS wire in suitable size of 16 SWG (MMS) steel conduit.	50	R.Mtr		
©	3 X 4 Sqmm copper multistread FRLS wire in suitable size of 16 SWG (MMS) steel conduit.	50	R.Mtr		
(d)	3 X 6 Sqmm copper multistread FRLS wire in suitable size of 16 SWG (MMS) steel conduit.(UPS)	220	R.Mtr		
(f)	1.5 sq.mm grey color copper multistrand wire for inverter in suitable size of 16 SWG(MMS) steel conduits	200	R.Mtr		
10	DISTRIBUTION BOARDS				
	All MCB to be "C" series				
	<p>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 bar detachable gland plate, interconnection and making good all the damages, painting, cleaning the site etc complete as required as per site requirement. All MCCB has braking capacity is 25KA and ALL MCB/ELCB has breaking capacity has 10 KA. Make of Materials</p> <p>Panel- As per IS Standards/CPRI Tested.</p> <p>DBs/MCCB/MCBs- Legrand/Siemens/Hagger/Schneider only</p> <p>(Note:- Before Placing the Panel order, firstly it Passed by The Bank Authority, otherwise it will not considered)</p>				

a	Providing & fixing 6 way vertical load line double door D.B for AC/Power with 100 Amp. TP MCCB incomer and outgoing to be 18 Nos 32 amp SP MCB (Ground Floor)	2	Nos		
b	Providing and fixing 8 way TPN double door DB for AC and Power switch socket with 63 Amp TPN , controlling 24 Nos. 16/32 Amps SPMCBs. & Complete.	4	Nos		
c	Providing and fixing 6 way TPN double door DB for Light, 5 amp switch socket with 63 Amp TPN , controlling 18 Nos. 16/32 Amps SPMCBs. & Complete.	2	Nos		
e	Providing and fixing (8) way SPDB double door type inverter DB with 1x32 Amps DP, controlling 6 NO.10 A./16 AMP SPMCB	6	Nos.		
f)	Providing and fixing (6) way TPN double door type For UPS INPUT with 1x63 Amps TPNand 32 amp DP MCB- 12 DP MCB	1	Nos.		
g	Providing and fixing of 4 way TPN enclosure with 63 amp TPN complete in all respect.	1	Nos		
11	<p>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 plates with stiffers where required, having vibration free structure chemically treated with seven tank process before painting 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.</p> <p>(The board shall be dust & vermin proof with suitable degree of IP protection) NOTE : All switchgears lcs shall be equal to 100% lcu.</p> <p>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 side</p>				
	<p>PANEL-1 INCOMING SWITCHGEARS :(RYB LED Indicators)</p> <p>(i) 1 No. FP. 250 A , 25 KA MCCB with thermal magnetic trip unit , energy meter, Digital Voltmeter & Digital Ammeter suitable size of CTS, selector switches etc.</p> <p>C. OUTGOING SWITCHGEARS:</p> <p>(i) 2 Nos- 125 Amp TP MCCB for main with 300 amp bus bar with indicator and cable alley</p> <p>(ii) 14 Nos -63 amp TPN MCCB for main with 200 amp bus bar with indicator and cable alley</p> <p>(iii) 2 Nos -32 amp DP, MCB for common area light and cable alley</p> <p>(Note:- Before Placing the Panel order, firstly it Passed by The Bank Authority, otherwise it will not considered)</p>	2	Nos		

12.a	<p>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 requirement.</p>	4	Nos		
12.b	<p>Providing and fixing Copper/GI strip as per specification complete including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soil/rocks etc complete as required. (a) Copper Strip 25 X 5 mm</p>	30	Mtr.		
12.c	<p>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)</p>	50	Mtr.		
13	<p>Providing and fixing of MS enclosure with 1 No. FP.250 Amp , 25 KA MCCB with thermal magnetic trip unit WITH Digital Voltmeter, Digital Ammeter and Energymeter suitable size of CTS, selector switches etc.</p>	2	Nos		
14	CABLES				
	<p>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</p>				
(i)	3.5 X 50 Sq.mm XLPE.Al.armoured Cable (AC/ POWER)	200	Mtr		
(ii)	3.5 X 35 Sq.mm XLPE.Al.armoured Cable (AC/ POWER)	130	Mtr		
(iii)	4 X 25 Sq.mm XLPE.Al.armoured Cable (LIGHT)	130	Mtr		
(iv)	3 X 2.5 Sq.mm Copper .armoured cable for in HMS PVC conduit for bollard light	150	Mtr		

15	OCCUPANCY SENSORS:- 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.		4	Nos	
16	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) 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		14	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	
(iii)	Supply, installation, testing and commissioning of the following size jelly filled armoured tehephone cable. 20 pair		20	Mtr	
17	DATA CABLING FOR LAN				

a	<p>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 condition in 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 should 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.)</p> <p>Make of Material:- (i) Data Cable, Cat 6 cable, Switch, Jack panel, Rack, Patch cords & Other accessories:- D-Link, Legrand</p>	18	Nos		
b	<p>Providing and fixing Patch Panels 24 port (100 base TX) CAT 6 patch/jack panel with connector, outlets and necessary connectivity complete as required & (D-Link make)</p>	2	Nos		
c	<p>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 necessary complete. 9 U wall mounted RACK</p>	2	Nos		
d	<p>Providing and fixing of flowing factory fabricated Patch cords. (UTP/CAT 6 complete with connector on both side.)</p>				
i)	for 1 Mt. long	18	Nos.		
ii)	for 2 Mt. long	18	Nos		
e	<p>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.</p>	200	Mtr		
18	<p>TV POINT:-Supply, installation, testing and commissioning of TV point (Modular) with RG-6 cable in the Medium Gauge 1.6 mm PVC Conduit with all accessories complete in all respect cables length upto 30 meter length or less as per site condition in 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 should be covered with Stainless steel plate with screw with gasket for protection of water/dust all accessories with insulation displacement connectors etc and put the cable at terrace.</p>	18	Nos		
19	<p>Supply and installation of Vinyl sticker for on Electrical DBs like, " Switch Off at Night" , Switch Off For Safety, etc</p>	10	Nos		

20	Making & Providing of 3 sets of Asbuilt Drawing with coloured print for entire Electrical work (Power/UPS/Light/Data/Telephone/AC etc.) as advised by the Bank's Authority.	1	Lum sum		
	Description of light /fan fixture				
21	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,	120.00	Nos		
22	LED DOWNLIGHTER: 9 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)	80.00	Nos		
23	SURFACE LED FOR STAIRCASE 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.	14.00	Nos		
24	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	200	Mtr		
25	BOX TYPE LUMINAIRES: LED TUBE FITTINGS, 1200mm, 18/20 Watt PHILIPS/WIPRO/HAVELLS/CG	16	Nos		
26	5 STAR, BLDC CELING FAN (DECORATIVE TYPE AS PER SAMPLE APPROVED BY BANK) 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	20	Nos		
27	EXHAUST FAN:- Single phase, 300mm sweep, 900 rpm, Plastic 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	14	Nos		
28	Mirror LED light 5 Watt- (Decorative Light as per Sample approved by Bank) PHILIPS/WIPRO/HAVELLS/CG	34	Nos		
29	Bed lamp for study purpose movable 360 degree, wall mounted study light:- (Decorative Light as per Sample approved by Bank) PHILIPS/WIPRO/HAVELLS/CG	32	Nos		

30	LED footlight:- (Decorative Light as per Sample approved by Bank) PHILIPS/WIPRO/HAVELLS/CG	18	Nos		
31	LED spot light/combo for 3 watt for wall washer of cabinet for TV	80	Nos		
32	Flood light LED:- 100 Watt for badminton court with diffuser, pressure die cast aluminium housing, heat resistant glass, IP 65 protection & better optics for uniform distribution. PHILIPS, WIPRO, HAVELLS, CG	6	Nos		
33	LED Wall Washers:- Providing and fixing Wall washers external lights LED complete with four side lens including fixing at different levels etc complete PHILIPS, WIPRO, HAVELLS, CG, BAJAJ	10			
34	LED Bollards :- Providing and fixing at site bollards Lamps including fixing at site of approved make & shape etc complete PHILIPS, WIPRO, HAVELLS, CG, BAJAJ	10			
35	Chandler :- Providing and fixing at site approved make chandler with basic price of Rs 8500/- to be fixed at site after making necessary provision of ceiling hook including necessary wiring, wherever necessary, including all materials, contingencies etc complete.	2			
36	Inverter :- 2 KVA with 2 X 180 AH batteries complete in all respect.(Microtek, Luminous etc pure sinewave and batteries are exide, luminous with 2 years warrenty for both inverter and batteries)	2			
37	ELECTRIC WATER HEATER:- Supply, Installation, testing & commissioning of Stationary Storage Type Electric water heater of capacity of 15 Ltr, 5 Star rated (Horizontal/vertical type) as advised by the Bank/Architect with inlet & outlet heavy duty PVC pipe connection etc. Make are:- Bajaj, Crompton, Racold, AO Smith. Sample approved by architects or Engg. In-charge.	14			
38	Removal and dismantling 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 dismantling 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.	2	Nos		
(A) TOTAL ELECTRICAL					

(.B)	AIR CONDITIONING WORK Supply, installation, testing and commissioning of following AIR CONDITONERS 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, 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 including copper piping of hard & prime quality of min. 22 G upto 3 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 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 fill and additional top up of refrigerant gas as per site condition. The rate inclusive of all chisel work, plastering, finishing, painting & all civil related work pertaing to mentioned work. Make of ACs:- Daikin/Hitachi/Bluestar/Carrier/ O-	18	Nos		

2	<p>Supply, installation, testing and commissioning of Higher Efficient models of SPLIT AC, FIVE STAR INVERTER 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, 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 3 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 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 fill and additional top up of refrigerant gas as per site condition. The rate inclusive of all chisel work, plastering, finishing, painting & all civil related work pertaing to mentioned work.</p> <p>Make of ACs:- Daikin/Hitachi/Bluestar/Carrier/ O-</p>	2	Nos		
3	<p>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</p>	150	Mtr		
4	<p>Drain Pipe (If Required additional) Applicable 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</p>	150	Mtr		
5	<p>Providing & fixing of 4 KVA Voltage stabilizer with time delay option including all accessories with installation at site (For 1Tr /1.5Tr Split AC & 1.5 Tr Cassette AC) Make:-Microtek, V-Gards (Voltage Range 150- 280 Volts)</p>	18	Nos		

6	Providing & fixing of 5 KVA Voltage stabilizer with time delay option including all accessories with installation at site (For 1Tr /1.5Tr Split AC & 1.5 Tr Cassette AC) Make:-Microtek, V-Gards (Voltage Range 150- 280 Volts)	2	Nos		
	TOTAL:- (.B) AIR CONDITIONING WORK				
	SUMMARY:-				
	(A) TOTAL OF ELECTRICAL WORK				
	(B) TOTAL OF AIR CONDITIONING WORK				
	(.C) BUY BACK OF OLD LIGHT/FAN/ AC/ AC PIPING OLD AC PANEL AT TERRACE ETC CABLING WIRING ETC (-) PER BOLOCK GROUND FLOOR	-2	Job		
	TOTAL(A+ B+C)				

GST will be paid additionally @18%