PRICE BID FOR PROPOSED RENOVATION ELECTRICAL WORK'S FOR GUEST HOUSE (BLOCK- D) AT SBI COLONY CAMPUS KHAJURAHO (M.P).

	SBI COLONT CAMPUS KHAS				
S.No	Description of items	Qty	Unit	Rate	Amount
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				
	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				
	Master switch to the individual switch boards of				
	Rooms 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				
а	One light points controlled by one 6 amp. Modular	150	Nos.		
	switch.		<u>.</u> .		
b	Two light points controlled by one 6 amp. Modular	20	Nos		
С	switch. Providing and fixing of ceiling fan point controlled as	15	Nee		
C	under	15	Nos.		
	(i) one 6 amp switch				
	(ii) one to stepped electronic regulator of two module				
	type.				
d	Call bell point with call bell with 1.5 sq.mm. wire and 20	6	Nos		
	mm dia. 16 swg stove enameled rigid steel conduits. No	5			
	extra cost for wiring and conduits is payable(i.e.				
	inclusive of mains wiring).				
е	providing and fixing 6 Amps Plug Points with same	24	Nos		
	specs as above and install along with same light				
	switchboard				

S.No	Description of items	Qty	Unit	Rate	Amount
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)	22	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 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)	33	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 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 + 2 Nos. 6 A, 3 pin Socket (Minimum two and Maximum three points are loop with one circuit as mentioned beolw)	16	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 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. 3 NOS DP SWITCH OF 32 AMP WITH INDICATOR, 1 NOS SWITCH OF 16 AMP WITH INDICATOR, 1 BELL POINT	7	Nos		
7	 AC (Single Phase). Supply, Installation, Testing and commissioning of the surface / recess mounting A.C. / GEYSER power point with the followings : Metal 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	Nos		

S.No	Description of items	Qty	Unit	Rate	Amount
8	CIRCUIT WIRING :(FRLS WIRE)				
	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 upto the Master				
	switch and Inverter point	20	Nee		
8A	3 X 2.5 sqmm (For 6 amp Separate Board) in suitable	30	Nos		
	size of 16 SWG (MMS) steel conduit as per IS code.				
8B	3 X 4.0 sqmm (For AC/Power Circuit) in suitable size	30	Nos		
	of 16 SWG (MMS) steel conduit as per IS code.(2 Ckt				
	per room- 1 for AC and 1 for Geyer/Power/5 amp)				
9	OTHER FRLS WIRING, As Per Requirment.				
(a)	3 X 1.5 Sqmm copper multistreand FRLS wire in	50	R.Mtr		
	suitable size of 16 SWG (MMS) steel conduit for				
	inverter wiring				
(b)	3 X 2.5 Sqmm copper multistreand FRLS wire in	20	R.Mtr		
(0)	suitable size of 16 SWG (MMS) steel conduit.	20			
(.c)	6 X 2.5 Sqmm copper multistreand FRLS wire in	5	R.Mtr		
	suitable size of 16 SWG (MMS) steel conduit.	_			
(d)	3 X 4 Sqmm copper multistreand FRLS wire in suitable	7	R.Mtr		
	size of 16 SWG (MMS) steel conduit.				
(.e)	6 X 4 Sqmm copper multistreand FRLS wire in suitable	7	R.Mtr		
	size of 16 SWG (MMS) steel conduit.				

S.No	Description of items	Qty	Unit	Rate	Amount
(f)	3 X 6 Sqmm copper multistreand FRLS wire in suitable	20	R.Mtr		
()	size of 16 SWG (MMS) steel conduit.(UPS)				
(g)	1X 1.5 Sqmm copper multistreand FRLS wire in	40	R.Mtr		
(0)	suitable size of 16 SWG (MMS) steel conduit.				
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10	MAIN PANEL AND METER BOARD				
	Designing, fabrication, supply, installation, testing and				
	commissionings of front operated cubicle type				
	compartmentalised, front access, free standing on				
	75MM "[" MS channel, dust and vermin proof (IP 42				
	degree protection) panel suitable for use at 415V, 3				
	phase, 4-wire 50Hz system suitable for fault level of				
	required value symmetrical at 415V fabricated from				
	2mm thick CRCA MS sheets with hinged, gaskettted				
	(Metal based neoprene) locable doors having structural				
	reinforcement including 3mm thick gland plates on top				
	and bottom, lifting hooks, GI earth strip of required size				
	with 2 nos earth terminals, 2 nos 230V AC operated				
	250mm X 250mm size axial fans for exhaust of heat				
	with On-Off toggle switches including 2 coated primer				
	and 2 power coated paint fnish of approved shade over				
	metal surface cleaned and treated with seven tank				
	process complete with interconnections etc as per				
	specifications as required.main panel board of				
	approved make (KRYPTON POWER				
	CONTROLS/NEPTUNE/TRICOLITE/AMPTECH Or				
	should be CPRI Approved, Type of Approval as				
	instructed by the SBI/Architect)as per the following specifications, should be CPRI Approved.				
	specifications, should be of M Approved.				
	All live accessible parts shall be shrouded and all				
	equipment shall be finger touch proof. The busbars				
	insulation shall be withheat shrinkable sleeves SMC/				
	DMC shrouds and busbar supports shall be used.				
	Padlocking facility shall be provided on all outgoing				
	feeders doors and switch handles shall be locable in				
	OFF position.				
	Suitable arrangement shall be made for termination of				
	multiple incoming cables. All kA values indicated shall be Ics breaking capacity				
	GA drawings shall be got approved by SBI				
а	Fabrication, supply, installation, testing and				
~	commissionings of cubicle type floor/wall mounted L.T.				
	panel made out of 2 mm thick CRCA sheet including				
	connection, inter-connection along with 4 strip aluminium				
	busbar as per CPWD specifications,(Part IV-Sub-				
	station) etc. as required. (Meter Board )				
	,				
	Incoming :-				
	Meter board shall be lockable.				
	Complete panel described as above.				
b.	Wall panel shall consists of : -				

S.No	Description of items	Qty	Unit	Rate	Amount
	<ul> <li>B.INCOMING SWITCHGEARS :(RYB LED Indicators for Both Main/DG)</li> <li>(i) 1 No. FP.125 A , 25 KA MCCB with thermal magnetic trip unit with digital voltmeter, ammeter and energy meter with suitable size of CTs, selector switch etc.</li> <li>C. OUTGOING SWITCHGEARS:</li> <li>(i) 3 Nos- 63 Amp TPN MCB for AC for GF &amp; FF with 200amp bus bar with indicator.</li> <li>(ii) 6 Nos- 63 amp TPN MCB for Light/power for GF &amp; FF with 200 amp bus bar with indicator</li> <li>(iii) 1 Nos 63 DP &amp; 1 Nos 32 DP MCB for common area with 200 amp bus bar with indicator</li> <li>(Note:- Before Placing the Panel order, firstly it Passed by The Bank Authority, otherwise it will not considered)</li> </ul>				
	INCOMER				
(i)	The electrical panel as described above and specifications complete.	1	Set		

S.No	Description of items	Qty	Unit	Rate	Amount
ii)	Providing and fixing 4 way TPN double door DB for	4	Nos		
	AC/POWER with 63 Amp MCB , controlling 6-8 Nos. 25				
	Amps SPMCBs. & Complete.				
iii	Providing and fixing 6 way TPN double door DB for	2	Nos		
	LIGHT POINTS & 5 amp switch socket with 40 Amp				
	MCB, controlling 8-10 Nos. 10/16 Amps SPMCBs. &				
	Complete.				
iv	Providing and fixing (12) way SPDB double door type	2	Nos.		
	For UPS/ Inverter points with 1x32 Amps DP,				
	controlling 10 Nos, 16 AMP SPMCB				
V	Providing and fixing (8) way SPDB double door type	2	Nos.		
	For Light DB only for Emergency Lights like glow sign				
	etc with 1x32 Amps DP, controlling 6 NO.10 A./16 AMP				
	SPMCB				
11	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				
(i)	3.5 X 50 sqmm XLPE. Al. armoured Cable (Main	80	Mtr		
	Service Line)				
(ii)	4X 25 Sq.mm XLPE.Al.armoured Cable (LIGHT/POWER/AC)	100	Mtr		
(iii)	4X 10 Sq.mm XLPE.Al.armoured Cable (external	50	Mtr		
	LIGHTs /Garden lights)				
12	EARTHING				

S.No	Description of items	Qty	Unit	Rate	Amount
(i)	<ul> <li>COPPER PLATE EARTH STATION:</li> <li>Preparation of the Plate Earth Station: (As per IS:3043)</li> <li>(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.</li> <li>(b) Supply and fixing of Copper Plate of Size 600 mm X 600 mm X 3.0 mm thick.</li> <li>(c) Fixing of 50 mm X 6 mm, 3 Mtrs copper strips from Copper Plate to earth terminal including brazing/welding at plate etc.</li> <li>(d) Supply and laying in position 19 mm, 2 Mtrs G.I "B" Class pipe for watering with reducer/funnel with mesh.</li> <li>(e) Supply and Fixing of the following in the earth station.</li> <li>(i) 75 Kg. Charcoal.</li> <li>(ii) 15 Kg. Original Salt.</li> <li>(iii) Black Cotton soil of adequate amount.</li> <li>(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.</li> </ul>		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		Mtr.		

S.No	Description of items	Qty	Unit	Rate	Amount
(iv)	Supply and laying of 10 Sq.mm 650V/1100 V PVC	20	Mtr.		
	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)				
(v)	Supply and Installation of 65 mm 'A' Class GI pipe for	50	Mtr		
	laying of underground main power cable with all its				
	accessories like digging, civil, dressing etc as per site				
	condition complete in all respect.				
13	OCCUPANCY SENSORS:-	6	Nos		
	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.				
14	TELEPHONE POINT				
(i)	Two pair, 0.61 mm dla. telephone cable tinned copper	8	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.				
	Make of Material:- Delton/Finolex/RR cable				
(ii)	Supplying and fixing of krone telephone tag block on	1	Nos		
(11)	surface/ recess mounted with its accessories suitable	1	1103		
	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				
(iii)	Supply, installation, testing and commissioning of the	20	Mtr		
(11)	following size jelly filled armoured tehephone cable.	20			
	20 pair				
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Electrical & AC GUEST HOUSE

S.No	Description of items	Qty	Unit	Rate	Amount
15	TV POINT:-Supply, installation, testing and	8	Nos		
	commissionig of TV point(Modular) with RG-6 cable in				
	the Medimum Gauge 1.6 mm PVC Conduit with all				
	accessories complete in all respectcables 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 all accessories with insulation				
	displacement connectors etc and put the cable at				
	terrace.				

S.No	Description of items	Qty	Unit	Rate	Amount
	Departmention of light for firsture				
16	Description of light /fan fixture LED DOWNLIGHTER:(RECESS/SURFACE) 15 Watt, recessed mounted Square 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,	68.00	Nos		
17	LED DOWNLIGHTER:(RECESS/SURFACE) 9 Watt, recessed mounted Square 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,	26.00	Nos		
18	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	80	Mtr		
19	BOX TYPE LUMINAIRES: LED TUBE FITTINGS, 1200mm, 18/20 Watt PHILIPS/WIPRO/HAVELLS/CG	6	Nos		
20	CEILING 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	15	Nos		
21	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		Nos		
22	ELECTRIC GEYSER SUPPLY AND INSTALLATION OF 15 LTR, 5 STAR, STORAGE ELECTRIC GEYSER	7	Nos		

S.No	Description of items	Qty	Unit	Rate	Amount
23	Mirror LED light 5 Watt- (Decorative Light as per	13	Nos		
	Sample approved by Bank)				
	PHILIPS/WIPRO/HAVELLS/CG				
24	Wall Light				
	Providing and fixing High Lamp light LED complete	9	NOS		
	PHILIPS, WIPRO, HAVELLS, CG, BAJAJ				
25	Study LAMP				
	Providing and fixing Study Lamp LED complete	6	NOS		
	PHILIPS, WIPRO, HAVELLS, CG, BAJAJ				
26	Crattick (2) Matt				
20	Spot Light (3 Watt) Providing and fixing Spot Light LED complete	30	NOS		
	PHILIPS, WIPRO, HAVELLS, CG, BAJAJ	30	1103		
	THEILO, WIFNO, HAVELLO, GO, DAJAJ				
27	Foot Light/ Step lights				
21	Providing and fixing Foot Light LED complete	12	NOS		
	PHILIPS, WIPRO, HAVELLS, CG, BAJAJ				
28	wall Washers	8	NOS		
	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				
29	Bollards	6	NOS		
	Providing and fixing at site bollards Lamps including				
	fixing at site of approved make & shape etc complete				
	PHILIPS, WIPRO, HAVELLS, CG, BAJAJ				
30	Chandlier	2	NOS		
00	Providing and fixing at site approved make chandlier	۷			
	with basci price of Rs 8500/- to be fixed at site after				
	making necessary provision of ceiling hook including				
	necessary wiring, wherever necessary, including all				
	materials, contigencies etc complete.				
31	INVERTER				
	Supply and fixing 2 KVA inverter make- Luminus/	1	NOS		
	Microtech with 2 Nos 180 MH invertar Battery including				
	all matrial ,labour etc complete.				
	(A) TOTAL FOR ELECTRICAL WORKS				

S.No	Description of items	Qty	Unit	Rate	Amount
(B)	AIR-CONDITIONING WORKS				
	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, FIVE STAR INVERTER RATING OF BEE AIR CONDITIONERS <b>2.0</b> <b>Ton</b> 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		Nos		
	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- General, Voltas only				
2	Supply, installation, testing and commissioning of Higher Efficient models of SPLIT AC, FIVE STAR INVERTER RATING OF BEE AIR CONDITIONERS 1.5 <b>Ton</b> 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		Nos		

S.No	Description of items	Qty	Unit	Rate	Amount
	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- General, Voltas only				
3	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		Mtr		
4	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		Mtr		
5	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)		Nos		
6	Providing & fixing of 5 KVA Voltage stabilizer with time delay option including all accessories with installation at site (For 2Tr Split AC & 2 Tr Cassette AC) Make:- Microtek, V-Gards (Voltage Range 150- 280 Volts)	2	Nos		
7	Digital Timmer to control outdoor lights with enclosure and all accessories.	1	Nos		
8	Buy-Back of old light/fan/DBs/panels etc and dispose of it in suitable place faraway from the site.	-1	Nos		
	TOTAL:- (.B) AIR CONDITIONING WORK				

S.No	Description of items	Qty	Unit	Rate	Amount
	TOTAL ELECTRICAL (A)				
	TOTAL AIR-CONDITIONING (B)				
	GRAND TOTAL (A + B)				
	GST to be paid additionally				