

PRICE BID OF ELECTRICAL WORKS FOR 12 FLATS(A,B,C) PUMP ROOM AND COMMON AREA OF SBI STAFF COLONY, KHAJURAHO

S.No	Description of Item	Qty	Unit	Rates	Amount
1	Providing, fixing, testing and commissioning of POINT WIRING of any length for light point/Wall fan point/Exhaust fan point/ Call bell point/ 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 insulated copper conductor single core multi streded 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. Every Light switchboard in Rooms, Hall, Kitchen, Washrooms has separate circuit of 3 X 2.5 sqmm in suitable size of MS (MMS) conduit from DBs to Switch Board.. 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				
	a) One light point controlled by one switch.	246	Nos		
	b) Ceiling fan point wiring with switch, step type electronic fan regulator (two module) as required.	36	Nos		
	c) 6 AMP socket point on same board	54	Nos		
	d) Call bell point with call bell with 1.5 sq.mm. wire and 20 mm dia. 16 swg stove enameled rigid steel conduits. No extra cost for wiring and conduits is payable(i.e. inclusive of	12	Nos		
2	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 Without Circuit	96	Nos		

S.No	Description of Item	Qty	Unit	Rates	Amount
3	Supply,fixing,testing and commissioning of 3 No 6 A Multi Socket with 2No. 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.(For TV point) Without Circuit	36	Nos		
4	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 inclusive of circuit wiring of 3 X4 FRLS sqmm PVC insulated copper conductor multi stranded wire in 16 SWG(MMS) stove enameled rigid steel conduit of 20/25 mm dia alongwith all MS accessories like bend, junction box, etc on surface/recesses manner etc.(Separate circuit wiring from DB to Power point) and making good all the damages, plaster smooth finish, painting, claening the site etc complete as per site condition and as directed. Its include circuit wiring of 3 X 4sqmm with MS conduit as stated above.	67	Nos		
5	Supply, Installation, Testing and commissioning of the surface / recess mounting A.C. / GEYSER power point with the followings : Modular 32A DP 1 way switch with plate & box 1 set. + 25A & 10A twin socket i/c electrical connections with cover plate , sheet steel box etc on surface / concealed manner inclusive of circuit wiring of 3 X4 sqmm FRLS PVC insulated copper conductor multi stranded wire in 16 SWG(MMS) stove enameled rigid steel conduit of 20/25 mm dia alongwith all MS accessories like bend, junction box, etc on surface/recesses manner etc.(Separate circuit wiring from DB to Power point) and making good all the damages, plaster smooth finish, painting, claening the site etc complete as per site condition and as directed. Its include circuit wiring of 3 X 4sqmm with MS conduit as stated above.	36	Nos		
6	Supplying, fixing, testing and comm. etc. of three phase - 4 way TPN DB, Double door wire distribution board having , All MCB/TPN has 10KA Breaking Capacity incomer 63 Amp TPN MCB - 1, out going 32/25 Amp SPMCB – 6, 10 Amp SPMCB - 6 nos.	2	Nos		

S.No	Description of Item	Qty	Unit	Rates	Amount
7	Supplying, fixing, testing and comm. etc. of three phase - 6 way TPN DB, Double door wire distribution board having , All MCB/TPN has 10KA Breaking Capacity incomer 63 Amp TPN MCB - 1, out going 32/25 Amp SPMCB – 9, 10 Amp SPMCB - 9 nos.	10	Nos		
8	Main Circuit Wiring : Supplying, fixing, testing and comm. etc. for light/fan/exhaust fan with PVC insulated copper conductor single core multi stranded wire (FRLS) in existing 16 SWG stove enamelled rigid MS conduit pipe(MMS) with accessories like bend / junction box in concealed manner and making good all the damages,painting,cleaning the site etc. as directed.				
	a) 3x1.5 sq.mm	185	Mtrs		
	b) 6x1.5 sq.mm	90	Mtrs		
	c) 3x2.5 sq.mm	680	Mtrs		
	d) 6x2.5 sq.mm	550	Mtrs		
	e) 3x4 sq.mm.	90	Mtrs		
	f) 6x4 sq.mm.	100	Mtrs		
	g) 4x6 sq.mm + 1x4 sq.mm(Main submain wire)	280	Mtrs		
	h) 1x 1.5 sq.mm wire for invertorwiring(Grey in colour)	780	Mtrs		
9	Dismantling of all existing old wiring,switch boards, DBs, Light fixtures & fans, etc. as required.	12	Job		

S.No	Description of Item	Qty	Unit	Rates	Amount
10	TELEPHONE POINT: Supplying, fixing, testing and comm. Of telephone point with Two pair 0.50 mm. dia cable with 20 mm. dia. 1.6 mm thick PVC conduits in concealed manner along with telephone outlet (RJ-11) in modular box of M.S./PVC. Supply , installation, testing & commissioning of cabling/ wiring measured in numbers with suitable size of PVC conduit 1.6 mm thick and 25mm dia. The wiring in conduit is as per IS code. The average length of wiring around between(25-30) Mtr.	34	Nos		
11	Supply, laying, testing & commissioning of co-axial TV cable with Modular TV point with in suitable size of MMS PVC conduit with cable RG-6 grade cable to the suitable location of the length as directed. Supply , installation, testing & commissioning of cabling/ wiring measured in numbers with suitable size of PVC conduit 1.6 mm thick and 25mm dia. The wiring in conduit is as per IS code. The average length of wiring around between(25-30) Mtr.	34	Nos		
12	BOX TYPE LUMINAIRES(4 feet length) : LED TUBE FITTINGS, 1200mm, 18/20 Watt PHILIPS/WIPRO/HAVELLS	94	Nos		
13	BOX TYPE LUMINAIRES(2 feet length) : LED TUBE FITTINGS, 1200mm, 18/20 Watt PHILIPS/WIPRO/HAVELLS	38	Nos		
14	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	36	Nos		
15	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	26	Nos		

S.No	Description of Item	Qty	Unit	Rates	Amount
16	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	12	Nos		
17	Buy Back of Old Light/fan/ DBsFixture	-12	Nos		
	Sub Total				
	Common Area				
18	Providing, fixing, testing and commissioning of POINT WIRING of any length for light point/Wall fan point/Exhaust fan point/ Call bell point/ 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 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/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. Every Light switchboard in Rooms, Hall, Kitchen, Washrooms has separate circuit of 3 X 2.5 sqmm in suitable size of MS (MMS) conduit from DBs to Switch Board.. 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. 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				
	a) One light point controlled by one switch.	40	Nos		
19	Supplying, fixing, testing and comm. etc. of single phase - 8way SPN DB, Double door wire distribution board having , All MCB/TPN has 10KA Breaking Capacity incomer 32 Amp DP MCB - 1, out going 16 Amp SPMCB - 6	4	Nos		

S.No	Description of Item	Qty	Unit	Rates	Amount
20	Main Circuit Wiring : Supplying, fixing, testing and comm. etc. for light/fan/exhaust fan with PVC insulated copper conductor single core multi stranded wire (FRLS) in existing 16 SWG stove enamelled rigid MS conduit pipe with accessories like bend / junction box in concealed manner and making good all the damages,painting,cleaning the site etc. as directed.				
	a) 3x2.5 sq.mm (Street light)	170	Mtrs		
21	Providing & Fixing of 30 watt LED light fixture , pressure die cast aluminium housing, heat resistant glass, IP 65 protection & better optics for uniform distribution. Make of Material:- PHILIPS, WIPRO, CG, HAVELLS	20	Nos		
22	Providing & fixing of Surface mounted fully sealed LED light 15 watt. Make of Material:- PHILIPS, WIPRO, CG, HAVELLS	26	Nos		
23	Providing & fixing of Surface mounted fully sealed LED light Bulkhead light 10 watt for outdoor applications with IP65 protection. Make of Material:- PHILIPS, WIPRO, CG, HAVELLS	12	Nos		
24	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.	6	Nos		
25	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	40	Mtr.		

S.No	Description of Item	Qty	Unit	Rates	Amount
26	Supplying, unloading, storage, laying, testing and commissioning of 3.5 X 50 Sqmm 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	100	Mtr		
27	Supplying, unloading, storage, laying, testing and commissioning of 3.5 X 35 Sqmm 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	50	Mtr		
28	Supplying, unloading, storage, laying, testing and commissioning of 3.5 X 16 Sqmm 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,	50	Mtr		
29	Supplying, unloading, storage, laying, testing and commissioning of PUMP ROOM 4 X 10 Sqmm 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	50	Mtr		

S.No	Description of Item	Qty	Unit	Rates	Amount
30	Supply and laying of GI pipe, B' Class ISI Marked for protection of underground cable fixed on wall/support/intrench/fixed between two rigid existing support of wall/beam for erection of ceiling fan/down rod for stiff pendent etc. complete in an approved manner as required to complete the job excluding cost of excavation/dismantalling & other finished masonry item complete.				
31.a	40 MM DIA IN "B" CLASS ISI MARKED & PUMP ROOM	40	Mtr		
31.b	50 MM DIA IN "B" CLASS ISI MARKED	80	Mtr		
32	Supply, installation, testing and commissioning of Main Electrical Panel with incommer of amp 4 pole 160 MCCB, 35 KA with RYB indicators, 200 amp suitable aluminium bus bar with all accessories suitable for 3 phase energy meter, 4 pole 63 amp TPN MCB, 10 sqmm copper cable with interconnection from bus bar to meter & MCB etc in all respect as per site condition. The panel having 6 (six compartment) and each compartment having adequate size to house 3 phase energy meter, TPN etc. Panel should be design as per site condition and space availability as per site. Note :- All material installed as per IS code standardsite condition individual meter box also applicable with required MCB or as per directed by engg. In-Charge. or arachitect.	1	Nos		
33	Supply, installation, testing and commissioning of Main Electrical Panel with incommer of amp 4 pole 125 MCCB, 35 KA with RYB indicators, 200 amp suitable aluminium bus bar with all accessories suitable for 3 phase energy meter, 4 pole 63 amp TPN MCB, 10 sqmm copper cable with interconnection from bus bar to meter & MCB etc in all respect as per site condition. The panel having 4 (four compartment) and each compartment having adequate size to house 3 phase energy meter, TPN etc. Panel should be design as per site condition and space availability as per site. Note :- All material installed as per IS code standardsite condition individual meter box also applicable with required MCB or as per directed by engg. In-Charge. or arachitect.	2	Nos		

S.No	Description of Item	Qty	Unit	Rates	Amount
34	Supply, installation, testing and commissioning of Main Electrical Panel with incommer of amp 4 pole 63 amp MCCB, 35 KA with RYB indicators, 200 amp suitable aluminium bus bar with all accessories suitable for 3 phase energy meter, 4 pole 32 amp TPN MCB, 10 sqmm copper cable with interconnection from bus bar to meter & MCB etc in all respect as per site condition. The panel having 2 (two compartment) and each compartment having adequate size to house 3 phase energy meter, TPN etc. Panel should be design as per site condition and space availability as per site. Note :- All material installed as per IS code standardsite condition individual meter box also applicable with required MCB or as per directed by engg. In-Charge. or arachitect.	1	Nos		
35	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	4	Nos		
(B)	AMOUNT OF STAIRCASE TOWER (B)				
	Sub total A				
	Sub Total B				
	Total (A + B)				

GST will be paid additionally by the Bank as applicable subject to GST Number.