

PRICE BID FOR COMPLETE CONCEALED ELECTRICAL WIRING OF ONE 'A' TYPE BLOCK AT SBI STAFF COLONY, VIJAY

S.No	Description of Item (One Flat)	Qty	Unit	Rates	Amount
				In Figure	
1	<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 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 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 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</p>				
	a) One light point controlled by one switch.	18	Nos		
	b) Ceiling fan point wiring with switch, step type electronic fan regulator (two module) as required.	2	Nos		
	c) 6 AMP socket point on same board	5	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 mains wiring).	1	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.	5	Nos		
3	Supply,fixing,testing and commissioning of 2 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)	2	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 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.	5	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 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.	3	Nos		
6	Supplying, fixing, testing and comm. etc. of single phase – 16 way SPN DB, Double door wire distribution board having , All MCB has 10KA Breaking Capacity incomer 63 Amp DP MCB,	1	Nos		
7	Supply & Installation of 63 amp DP MCB with channel frame, lugs, gland & other accessories in the existing panel box at ground floor.	1	Nos		
8	Main Circuit Wiring : Supplying, fixing, testing and comm. etc. for light/fan/exhaust fan with PVC insulated copper conductor single core multi streded wire (HRFR) in existing 16 SWG stove enemelled rigid MS conduit pipe with accessories like bend / junction box in concealed manner and making good all the				
	a) 3x1.5 sq.mm	10	Mtrs		
	b) 6x1.5 sq.mm	5	Mtrs		
	c) 3x2.5 sq.mm	25	Mtrs		
	d) 6x2.5 sq.mm	15	Mtrs		
	e) 3x4 sq.mm.	5	Mtrs		
	f) 6x4 sq.mm.	5	Mtrs		
	g) 3 X 6 Sqmm(Main Submain Wire)	20	Mtrs		
	h) 1x 1.5 sq.mmwire for invertorwiring(Grey in colour)	60	Mtrs		
9	STEEL CONDUITS: Supplying, fixing, testing and comm. etc. of the following size 16 SWG stove enemelled rigid MS conduit pipe with accessories like bend / junction box/fan box in concealed manner and making good all the damages,painting,cleaning the site etc. for light / power.				
	a. 20 mm dia. 16 swg stove enameled rigid steel conduits.	40	Mtrs		
	b. 25 mm dia. 16 swg stove enameled rigid steel conduits	15	Mtrs		
10	Dismantling of all existing old wiring,switch boards, DBs, Light fixtures & fans, etc. as required.	1	Job		

11	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.	2	Nos		
12	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.	2	Nos		
13	BOX TYPE LUMINAIRES(4 feet length) : LED TUBE FITTINGS, 1200mm, 18/20 Watt PHILIPS/WIPRO/HAVELLS	6	Nos		
14	BOX TYPE LUMINAIRES(2 feet length) : LED TUBE FITTINGS, 1200mm, 18/20 Watt PHILIPS/WIPRO/HAVELLS	3	Nos		
15	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	2	Nos		
16	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	1	Nos		
17	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	1	Nos		
	Sub Total:-				
18	Buy-Back of old Light/fan fixture(-) Subtract from Sub Total	1	Nos		
	Total For one Flat of 'A' Type				
(A)	Amount for 12 Nos Flats in one Block of 'A' Type	12	Nos		
S.No	Description of Item(Common Area 'A' Block)				

1	<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 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 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 requirement 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 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. 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/chisling, replastering, curing, painting with uniform and smooth finish by specialised 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 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</p>				
	(ii) MS conduit/PVC conduit with all accessories:- BEC/AKG/NIC/Precision a) One light point controlled by one switch.	18	Nos		
2	<p>Supplying, fixing, testing and comm. etc. of three phase - 4way 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 - 2</p>	1	Nos		
3	<p>Supply & Installation of 32 amp DP with channel frame, lugs, gland & other accessories in the existing panel box at ground floor.</p>	1	Nos		
4	<p>Main Circuit Wiring : Supplying, fixing, testing and comm. etc. for light/fan/exhaust fan with PVC insulated copper conductor single core multi stranded wire (FR) 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.</p>				
	c) 3x2.5 sq.mm	25	Mtrs		
5	<p>STEEL CONDUITS: Supplying, fixing, testing and comm. etc. of the following size 16 SWG stove enamelled rigid MS conduit pipe with accessories like bend / junction box/fan box in concealed manner and making good all the damages,painting,cleaning the site etc. for light / power.</p>				
	a. 20 mm dia. 16 swg stove enameled rigid steel conduits.	25	Mtrs		
6	<p>Providing & Fixing of 30 watt LED light fixture, pressure die cast aluminium housing, heat resistant glass, IP 65 protection & better optics for uniform distribution.(Back Side) Make of Material:- PHILIPS, WIPRO, CG, HAVELLS</p>	2	Nos		

7	Providing & fixing of Surface mounted fully sealed LED light 15 watt. Make of Material:- PHILIPS, WIPRO, CG, HAVELLS	11	Nos		
8	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	2	Nos		
9	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		
10	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 required. (a) Copper Strip 25 X 5 mm	30	Mtr.		
11	Painting/Repairing of Existing panel with necessary replacement of lugs, insulator, door cover as advised by the Bank/ Architect as per site condition.	1	Lum Sum		
12	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) 30 Pair tag block	1	Nos		
	Sub Total:-				
13	Buy back of Old Light Fixture(-) Subtract from Sub Total	1	Lum Sum		
(B)	Amount for common area of 'A' Block				
	SUMMARY OF A TYPE BLOCK				
(A)	Total Amount for 12 Nos Flats in one Block of 'A' Type				
(B)	Amount for common area of 'A' Block				
	Grand Total of one Block of 'A' Type(12 Nos Flats + Common Area){ A+B}				