

**PRICE BID FOR ELECTRICAL WORK FOR RENOVATION OF TWO BLOCK ('H'-TYPE) AT SBI STAFF COLONY 'NIHARIKA' ,
KORBA (C.G.) [QUANTITY OF TWO BLOCKS - 08 FLATS]**

S.NO.	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
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 1.5 Sq.mm (Phase/Neutral/Earth) PVC 650V/1100V Grade FR insulated copper conductor single core multi stranded wire in 16 SWG(Medium Gauge) stove enameled 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/Socket with plate and Metal box,Saddle, 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 above wiring is to be carried out on surface or recess in wall/floor/roof should be cutting by cutter/chiseling, re-plastering, curing, painting with uniform and smooth finish by specialized workman ship and making the surface neat after wards complete in all respect as per direction of Bank Engg. (EACH Circuit to take NOT MORE than 3 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/yellow/blue, 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 conduit with all accessories:- BEC/AKG/NIC/Precision (iii) PVC insulated copper wire (FR) 1.5 sqmm multi strand 650V/1100 V grade:- Finolex/RR Kabel/ Polycab.				
1.a	Providing and fixing of point wiring with above specifications. One light point controlled by one switch.	112	Nos.		
1.b	One ceiling fans points controlled by one 6 amp. Modular switch.	24	Nos.		
1.c	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch.	8	Nos.		
1.d	One exhaust fan point with 6 amp 3-pin socket controlled by one 6 amp. Modular switch. The switch should be at switchboard level.	24	Nos.		
1.e	providing and fixing 6/10 Amps Plug Points with same specs as above and install along with same light switchboard	48	Nos.		
2	6/10 AMP. POINTS ON SEPARATE BOARD :				
	Supply,fixing,testing and commissioning of 1 No 6/10 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 below circuit wiring to be paid separately) and two circuits in one 25sqmm MS Stove enamelled 16 SWG conduit pipe.(Including Circuit)	40	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 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.	60	Nos.		

S.NO.	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
4	AC/Geyser Point (Single Phase)				
	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.	8	Nos.		
5	Supplying, fixing, testing and comm. etc. of three phase – 4 way TPN DB, Double door wire distribution board having , All MCB has 10KA Breaking Capacity incomer 63 Amp TP MCB, out going 32/25 Amp SPMCB – 6, 10 Amp SPMCB - 6 nos.	8	NOS		
6	Supplying, fixing, testing and comm. etc. of single phase – 4 way TPN DB, Double door wire distribution board having , All MCB has 10KA Breaking Capacity incomer 32 Amp TP MCB, out going 16 Amp SPMCB – 14 nos. Complete in all respect	8	NOS.		
7	Supply & Installation of 63 amp DP MCB with channel frame, lugs, gland & other accessories in the existing panel box at ground floor.	8	NOS		
8	supply laying,testing & commissioning of 1100V Grade PVC insulated copper conductor wire With MS-conduit (16 SWG) pipe with accessories like bend junction box in concealed manner and making good all the damages, painting, cleaning the site as desire				
8.a	3x 2.5 Sqmm.(Power DB's)	320	RM		
8.b	3X1.5 Sqmm (For light DB's)	300	RM		
8.c	3X4.0 Sqmm	320	RM		
8.d	4X 6.0 sqmm+1X4sqmm	400	RM		
8.e	1 x 1.5 sq.mm wire for inverter wiring	600	RM		
9	Dismantling of all existing old wiring, switches Boards, sockets,DBs,Light fixtures & fans etc. As required. (Note:- One job means each Qtrs./ Flat)	8	Job		
10	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.	8	No.s		
11	Supply, laying, testing & commissioning of BOX TYPE LUMINAIRES(4 feet length) : LED TUBE FITTINGS, 1200mm, 24 Watt. Make:- PHILIPS/WIPRO/HAVELLS	64	No.s		
12	Supply, laying, testing & commissioning of LED Bulb With Required Holder : LED BULB FITTINGS, Required Holder, 20 Watt. Make:- PHILIPS/WIPRO/HAVELLS	48	No.s		
13	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	24	No.s		

S.NO.	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
14	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	24	No.s		
15	Buy Back of old Light/fan fixture (ONE BLOCK)	2	No.s		
16	COMMON AREA (STAIRCASE AREA)				
A	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 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 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/chiesling, 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 (ii) MS conduit/PVC conduit with all accessories:- BEC/AKG/NIC/Precision (iii) PVC insulated copper wire(FR) 650V/1100 V grade:- Finolex/RR cable/ Havells				
	a) One light point controlled by one switch.	14	Nos		
B	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	2	Nos		
C	Supply & Installation of 32 amp DP with channel frame, lugs, gland & other accessories in the existing panel box at ground floor.	2	Nos		
D	Main Circuit Wiring : Supplying, fixing, testing and comm. etc. for light/fan/exhaust fan with PVC insulated copper conductor single core multi streded wire (FR) in existing 16 SWG stove enemelled 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.				
	c) 3x2.5 sq.mm	100	Mtrs		
E	STEEL CONDUITS: Supplying, fixing, testing and comm. etc. of the fallowing 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.				
	a). 20mm Dia. 16 SWG stove enameled rigidsteel conduits.	100	Mtrs		
F	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). Including G.I. Pipe with clamp approx. 900/1000mm long with proper degree Make of Material:- PHILIPS, WIPRO, CG, HAVELLS	6	Nos		

S.NO.	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
G	Providing & fixing of Surface mounted fully sealed LED light 15 watt. Make of Material:- PHILIPS, WIPRO, CG, HAVELLS	8	Nos		
H	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	4	Nos		
J	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.	2	Nos		
K	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 requiued. (a) Copper Strip 25 X 5 mm	25	Mtr.		
L	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		
M	Supplying and installing GI pipe for protection of underground cable fixed on wall/support/in trench/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 masonary item complete. 40MM DIA. IN 'B' class ISI marked	25	RM		
N	Supply, laying and commissioning of XLPE insulated power cable (confirming IS-7098) 1100 volt grade/Heavy duty power cable confirming to IS- 1554-1100 volt grade,2 core/3.5 core/4 core ISI marked with alu. Stranded /solid conductor. I) 4 CORE ARMoured 16 sq.mm	25	RM		
	II) 3.5 CORE ARMoured 35 sq.mm	300	RM		
P	Supply and laying 50mm Dia. G.I. Pipe, 'B' Class including all types of fitting and required excavation, back filling etc. all work as per directed by engg. In-Charge.	200	RM		

S.NO.	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
Q	Providing and Installation for Meter Enclosure, 16SWG sheet cubical Box powder coated with provision of 4 Nos. electronic Meter. Including Incomer 1 Nos. of 100AMP 4P MCCB, Busbar 125 AMP 4Pole, 4Nos. Of 63AMP TPN MCB + 1 Nos. of 32AMP DP MCB, suitable for 4 nos. of 3-phase meter & 1 nos. of single phase meter. Proper LED indicator (RED, Green & Yellow) Or Installed 08 nos. of Meter Enclosure with Separate MCCB Incomer with display window. Note :- All material installed as per IS code standard. In case as per site condition individual meter box also applicable with required MCB or as per directed by engg. In-Charge. or architect. Note:- If any case required separate meter Box for each flats and required TPN with metal box for each flats as per instructed by engg. In-charge.	2	EACH		
	AMOUNT OF TWO (02) BLOCKS				

GST will be paid additionally as applicable