

BILL OF QUANTITIES OF ELECTRICAL WORK FOR SBI STAFF FLATS (8 NOS) AT SECTOR 14, PANCHKULA (HR)					
S.No	ITEM	QTY	UNIT	RATE	AMOUNT
A	PART -A				
1	Wiring of light points, plug points & power points				
	Wiring for light point/ ceiling fan point/ exhaust fan point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in recessed medium class PVC conduit ISI Mark, with 6Amp modular switch, modular plate, suitable GI junction & switch boxes & clip and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. (Make Wire: Havells / KEI/Finolex) (Modular Switch: Legrand, Cabtree, L&T, Anchor, North-west)				
a	6 Amp Switch controlling 1 light point	144.00	Nos		
b	6 Amp Switch with Fan Regulator controlling Fan point	40.00	Nos		
c	Primary Raw Power Point controlled by 5 AMP socket controlled by 5 amp switch in Switch Board	112.00	Nos		
d	Single 6 Amp Call Bell Switch along with Call Bell Complete	8.00	Nos		
e	Providing and Fixing Bulb Holder for wall complete with connection etc.	56.00	Nos		
2	Circuit wiring from DB to Switch Board with 2x2.5 Sqmm+1.5 Sqmm copper conductor(FRLS) in PVC conduit concealed and making good the surface as per direction of Engineer -in-charge including cost of PVC conduit 2mm th. If required . Min 9 point wiring shall required to be connected with single circuit (Make Wire: Havells/ KEI/ Finolex) (Modular Switch: Legrand, Cabtree, L&T, Anchor, North-west)	72.00	Nos		
3	Wiring for Raw Power point with 2x4.0 sq.mm+1.5 Sqmm FRLS PVC insulated copper conductor single core cable in recessed medium class PVC conduit ISI Mark, with 6 pin 15Amp modular Socket, 15 Amp modular switch, modular plate, suitable GI junction & switch boxes & clip and 2mm th. PVC conduit etc. as required. (Make Wire: Havells / KEI/Finolex) (Modular Switch: Legrand, Cabtree, L&T, Anchor, North-west) (Two point to be connected with 1 MCB)	64.00	Nos		
	DISTRIBUTION SWITCH				
4	Supply, installation, testing and commissioning of factory fabricated distribution board rust inhibited powder coated sheet fabricated comprising of incoming and outgoing isolator & MCBs neutral link or neutral bus, top and bottom detachable entry earthing bolts interconnection and grouting bolts etc complete as required as per details below. Make: Havells/ Legrand/L&T				
a	4 WayTP MCBDB Double Door in recessed wall including cutting of wall and making good the damages comprising 1 no 63 A FP MCCB and 12 Nos. 10/25 Amp SPMCBS etc complete as required. (for Light, Fan point, power points).	8.00	Nos		

S.No	ITEM	QTY	UNIT	RATE	AMOUNT
5	Supply, installation, testing and commissioning of factory fabricated 200 A TPN Copper Bus Bar with encloser and door shutter, rust inhibited powder coated sheet fabricated, top and bottom detachable entry earthing bolts interconnection and grouting bolts etc complete as required as per details below. Make: Havells/ Legrand/L&T	2.00	Nos		
	CABLES				
6	Supply, installation, testing & commissioning of PVC insulated PVC sheathed armoured cable of 1100 V (IS-1554 part I) and fixing of cable on wall with suitable size of clamps/ saddles or laid in floor/recess wall including cutting of floor/wall and making good the damages etc. complete as reqd. of following sizes:-				
i	3.5 x 16 sq.mm. aluminium conductor with 2 no. 8S.WG.G.I. wire (Bus Bar to TPN DB	60.00	Mtr		
ii	End termination with Brass compression glands including providing lugs/ferrules and making necessary connections etc. complete as reqd. of following sizes:-				
	3.5 x 16 sq.mm. aluminium conductor	8.00	Nos		
	EARTHING				
7	Supply & fix G.I. plate earth station with 600x600x6mm thick G.I. plate including Sign Board and all other accessories such as watering pipe & funnel and providing masonry enclosure at top with cover plate i/c excavation of pit, supplying & filling of charcoal, refilling of pit etc complete as reqd as per IS 3043-1987 (for the neutral earthing from the point of neutral link beside the fuse connection and second for the body earthing connected to both the panel body and the ups base panel)	2.00	Set		
	NOTE: chamber for the Both earthing shall be available at site without it the earthing cost shall not be paid for all the Earthings. You are also required to provide picture of earthing taken at the time of execution of the same alongwith earthing Value.				
8	Supplying, fixing & termination of 32 mm X 6 mm GI strip with earth station below ground level and on wall saddle etc complete as reqd.	10.00	Mtr		
9	Providing & fixing 8 S.W.G G.I. earth wire on surface or in recess for loop earthing etc. as reqd.	80.00	Mtr		
10	Supply & laying 25mm dia 2 mm in thickness PVC pipe under floor or in recessed walls from earth electrode to UPS room for computer dedicated earthing, for data cabling, electrical cabling etc. including providing 1 no. G.I. pull wire for data cabling making good the damages etc. wherever reqd.	80.00	Mtr		
	TOTAL OF PART - (A)				
	<u>PART-B: FANS & FIXTURES</u>				
11	SITC of 18 watt of T5 LED fixtures directly on ceiling / wall including making necessary connections with 2x1.5 sq.mm insulated copper cable conductor wire etc. complete as reqd Make Phillips cat no. DN - 192 - 1000 or equivalent of Wipro / Bajaj.	56.00	Nos		
13	SITC of Plastic Body 300 mm dia exhaust fans minimum 1000 RMP complete with self opening louvers / shutters , including necessary frame etc, complete as reqd. (Crompton/ USHA / Bajaj).	8.00	Nos		

S.No	ITEM	QTY	UNIT	RATE	AMOUNT
	TOTAL OF PART - (B)				
	PART -C BUYBACK CREDIT				
i	Removing & Buyback Credit for Old MCB, Switches, Wires etc.	8.00	Lot		
	TOTAL BUYBACK CREDIT				
	(Note: Buyback Item may increase or decrease as per Instructions of (P&E))				
	TOTAL OF PART I - (A)				
	TOTAL OF PART II- (B)				
	TOTAL OF PART III- (C)			(-)	
	TOTAL AMOUNT (A+B-C)				