

**N.O.W. - RSETI KISHTWAR**  
**(ELECTRICAL INSTALLATIONS)**  
**PRICE BID**

S. No.	DSR	Item	Quantity	Units	Rate	Amount
		<b>SUB HEAD 1 (WIRING)</b>				
1		Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm. FRLS PVC copper conductor single core cable in surface/recessed medium class PVC conduit, with modular type switch, modular sheet, suitable GI box and earthing point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.	188.00	NO.		
		controlled by 5/6 A switch				
2		Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm. FRLS PVC copper conductor single core cable in surface/recessed medium class PVC conduit, with modular type switch, modular sheet, suitable GI box and earthing point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.	70.00	NO.		
		two modular stepped regulator controlled by 5/6 A switch (primary point)				
3		Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm. FRLS PVC copper conductor single core cable in surface/recessed medium class PVC conduit, with modular type switch, modular sheet, suitable GI box and earthing point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.	84.00	NO.		
		5/6 A socket controlled by 5/6 A switch (primary point)				
4		Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm. FRLS PVC copper conductor single core cable in surface/recessed medium class PVC conduit, with modular type switch, modular sheet, suitable GI box and earthing point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.	42.00	NO.		
		5/6 A socket controlled by 5/6 A switch (dependent secondary point)				
5		Wiring for twin control light point with 1.5 sq.mm. FRLS PVC copper conductor single core cable in surface/recessed medium class PVC conduit, two way modular switch, modular sheet, suitable GI box and earthing point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.	16.00	NO.		

S. No.	DSR	Item	Quantity	Units	Rate	Amount
6		Providing and fixing 6 pin 5/6 and 15/16 amp two module socket and two module switch with suitable GI box, cover plate and connections etc. on surface/recess with Wiring for light/ power plug with 2 X 4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 Nö. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as	45.00	NO.		
		NOTE: ONLY TWO POINT SHALL BE ALLOWED ON ONE CIRCUIT				
7		Supply and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25A modular socket outlet and 25A modular SP MCB, "C" curve including connections, painting etc. as required. with Wiring for light/ power plug with 2 X 4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 Nö. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	3.00	NO.		
8		Supply and drawing following pair 0.5 mm Dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the in the surface/recessed PVC conduit including Supply and fixing suitable size GI box with modular plate and cover in front on surface or in recess and providing and fixing telephone modular socket outlet including connections, painting etc. as required.	14.00	NO.		
9		Supply and drawing co-axial TV Cable RG-6 Grade, 0.7mm solid copper conductor PE insulated, Shielded with fine tinned copper braid and protected with PVC sheath in the in the surface/recessed PVC conduit including Supply and fixing suitable size GI box with modular plate and cover in front on surface or in recess and providing and fixing TV Cable modular socket outlet including connections, painting etc. as required.	11.00	NO.		
10		Supply Installation, testing & commissioning of factory fabricated double door distribution board rust inhibited, powder coated Sheet sheet fabricated comprising of incoming & outgoing isolator & M.C.B's neutral link or neutral bus,top and bottom detachable entry earthing bolts Interconnection and grouting bolts etc complete as reqd. as per details below:-				
		6 way (4 + 18) Double door with 100 A 415 V 4-pole isolator and 5-32 amp SPMCB	5.00	NO.		
		4 way (4 + 12) Double door with 100 A 415 V 4-pole isolator and 5-32 amp SPMCB	1.00	NO.		
11	1.20	Supplying and fixing following sizes of steel conduit along with accessories in surface/ recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required				

S. No.	DSR	Item	Quantity	Units	Rate	Amount
	1.20.2	25mm	15.00	M		
	1.20.3	32mm	15.00	M		
	1.20.4	40mm	70.00	M		
	1.20.5	50mm	40.00	M		
11	1.21	Supplying and fixing following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required				
	1.21.2	25mm	40.00	M		
	1.21.3	32mm	70.00	M		
	1.21.4	40mm	10.00	M		
	1.21.5	50mm	10.00	M		
		<b>TOTAL OF SUB-HEAD 1</b>				
		<b>SUB-HEAD 2 (EARTHING)</b>				
1		Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required	3.00	NO.		
2		Supplying and laying 25mm x 5mm thick copper strip at 0.5m below ground as strip earth electrode, including connection/ termination with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt and spring washer spaced at 50mm )	15.00	M		
3		Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable etc.	50.00	M		
4		Supply and fixing of following sizes of medium class PVC Conduit along with accessories in surface/ recess including cutting the walls and making good the same in case of recessed conduit as required.	50.00	M		
		<b>TOTAL OF SUB-HEAD 2</b>				
		<b>SUB HEAD 3(PANELS &amp; CABLES)</b>				
1		Providing & fixing 3 No.500 amp kitkats (fuse carrier & base) with 1 no. neutral link of 400 amp on suitable size of backalite sheet of thickness not less than 6 mm etc. complete as reqd.	1.00	NO.		
		<b>MAIN PANEL</b>				

S. No.	DSR	Item	Quantity	Units	Rate	Amount
2		Installation, testing & commissioning of Existing electrical panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.1. earth bus bar, bus bar chamber cable alleys interconnections with solid bar/PVC insulated copper conductor as per requirement, and suitable supports of bus bars. The panel shall be painted with 2 coats of enamel paint (grey shade) over the primer and shall also be provided with designation of incoming & outgoing feeder as per details below-	1.00	NO.		
		<b>INCOMING</b>				
a)		250 amp MCCB (M/s L&T)				
b)		1 set of 300 amp TPN aluminium busbar chamber				
c)		1 no. 0-500 V Voltmeter with selector switch in a separate compartment and amp meter with selector switch and one set of CTs (3 no.) with CT ratio 250/5 A with LED type indication lamps with protection fuses in a separate compartment				
		<b>OUTGOING</b>				
a)		8 NO. 100 amp MCCB , 1 NO. 100 amp MCCB (5- for the 6 way TPND, 1 for the street lighting and 1 spare)				
3		Supply, installation, testing & commissioning of PVC insulated PVC sheathed armored 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 reed. of following sizes:-				
a)		3.5 x 70 sq.mm. aluminium conductor with 2 no. 8S.W.G.G.1. wire	80.00	M		
b)		3 x 10 sq.mm copper conductor conductor with 1 x 6 sq.mm copper conductor	100.00	M		
		<b>TOTAL OF SUB-HEAD 3</b>				
		<b><u>SUB HEAD 4 (SUPPLY AND INSTALLATION OF FITTINGS)</u></b>				
1		SITC of 18 watt of T5 LED fixtures 4 ft. 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.	130.00	NO.		
2		SITC of 1200 mm CEILING fans complete as reqd. (M/s Crompton High Breeze or equivalent of USHA / Bajaj).	70.00	NO.		
3		SITC of 6-8 watt recess mounted LED down light (adjustable to fit in concealed) with assembly complete with including making necessary connections etc. Complete as reqd. (M/s Crompton Cat No. Or equivalent of Philips/Wipro)	58.00	NO.		
4		SITC of 200 mm exhaust fans complete with self opening louvers / shutters including necessary frame etc, complete as reqd. (M/s Crompton High Breeze or equivalent of USHA / Bajaj).	16.00	no.		

S. No.	DSR	Item	Quantity	Units	Rate	Amount
		<b>TOTAL OF SUB-HEAD 4</b>				
		<b>TOTAL OF SUB-HEAD 1</b>				
		<b>TOTAL OF SUB-HEAD 2</b>				
		<b>TOTAL OF SUB-HEAD 3</b>				
		<b>TOTAL OF SUB-HEAD 4</b>				
		<b>TOTAL</b>				