

**SCHEDULE OF ITEMS OF INTERNAL ELECTRIFICATION WORK FOR PROPOSED 01 NOS.  
PHC RESIDENTIAL BLOCK (05 UNITS) AT VARIOUS PLACES UNDER DISTT.-KORBA (C.G.)**

S.N.	Item No.	Particulars of Item	Unit	Rate	Rate in Words
01	1.7	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp modular switch, modular base and cover plate, suitable size G.I. box as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)			
	1.7.1	Short Point	Point	266.00	Rupees Two Hundred Sixty Six Only
	1.7.2	Medium Point	Point	424.00	Rupees Four Hundred Twenty Four Only
	1.7.3	Long Point	Point	588.00	Rupees Five Hundred Eighty Eight Only
02	1.8	Wiring for twin control light point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp modular switch, modular base and cover plate, suitable size G.I. box as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)	Point	420.00	Rupees Four Hundred Twenty Only
03	1.9	Extra for providing and fixing light plug point on board in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) point wiring with modular type 3 pin 5/6 amp socket outlet and 5/6 amp switch including cost of base and cover plate and G. I. box etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)	Point	216.00	Rupees Two Hundred Sixteen Only
04	1.10	Wiring for light plug point with 3x2.5 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with modular type 6 Amp switch and 3 pin 6 amps socket outlet with modular base and cover plate, suitable size G.I. box, earthing the switch box and socket outlet with same size wire etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)			
	1.10.2	Medium Point	Point	659.00	Rupees Six Hundred Fifty Nine Only
	1.10.3	Long Point	Point	922.00	Rupees Nine Hundred Twenty Two Only
	1.10.4	Extra Long Point I	Point	1302.00	Rupees One Thousand Three Hundred Two Only
05	1.11	Wiring for power plug point with 3x4 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with modular type 16 Amp switch and 6 pin 16 amps socket outlet with modular base and cover plate, suitable size G.I. box, earthing the switch box and socket outlet with same size wire etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)			
	1.11.4	Extra Long Point I	Point	1807.00	Rupees One Thousand Eight Hundred Seven Only
	1.11.5	Extra Long Point II	Point	2315.00	Rupees Two Thousand Three Hundred Fifteen Only
06	1.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, wire in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)			
	1.13.1	3 X 1.5 sq. mm in 20mm conduit	Mtr	92.00	Rupees Ninety Two Only
	1.13.2	3 X 2.5 sq. mm in 20mm conduit	Mtr	111.00	Rupees One Hundred Eleven Only
	1.13.3	6 X 2.5 sq. mm in 25mm conduit	Mtr	172.00	Rupees One Hundred Seventy Two Only
	1.13.4	9 X 2.5 sq. mm in 32mm conduit	Mtr	238.00	Rupees Two Hundred Thirty Eight Only
	1.13.13	6 X 6 sq. mm in 32mm conduit	Mtr	312.00	Rupees Three Hundred Twelve Only
	1.13.14	6 X 10 sq. mm in 40mm conduit	Mtr	515.00	Rupees Five Hundred Fifteen Only

Sl. No.	Item No.	Particulars of Item	Unit	Rate	Rate in Words
07	1 15	Supplying and fixing of following sizes FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with accessories in concealed complete as per specification and IS: 9537 (2000 Part 5)			
	1 15.2	25 mm	Mtr	53.00	Rupees Fifty Three Only
08	3 13	Supplying and drawing following grade co-axial TV wire FRLS PVC insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ concealed Steel/PVC conduit as per specification and IS: 694 (2010)			
	3 13.1	RG-6 grade	Mtr	14.00	Rupees Fourteen Only
09	4.4	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as per specification.			
	4.4.1	75mmX75mm (1/2 Module)	Each	99.00	Rupees Ninety Nine Only
	5.4	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification.			
	5.4.9	Fan regulator (two module size) electronic stepped type moving all rounds	Each	223.00	Rupees Two Hundred Twenty Three Only
	5.4.16	T.V. antenna socket outlet	Each	74.00	Rupees Seventy Four Only
11	5.9	Providing and fixing round/ hexagonal fan box (125mm dia) depth 75mm (max.) with 12mm dia steel bar hook, 1.6mm thick MS sheet cover, in RCC slab etc. as per specification.	Each	42.00	Rupees Fourty Two Only
12	6.12	Providing and fixing phenolic laminated sheet cover of 180 mm dia 3 mm thick on the fan box etc. as per specification. (If provided at the time of installation of ceiling fan)	Each	56.00	Rupees Fifty Six Only
13	9.4	Supplying and fixing on surface/ recess horizontal type following way, 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as per specification. (But without MCB/RCCB/Isolator)			
	9.4.4	4 way Double door	Each	1716.00	Rupees One Thousand Seven Hundred Sixteen Only
14	9.10	Supplying and fixing SP MCB, 240 volts, 'B' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.			
	9.10.1	6 amps to 32 amps	Each	151.00	Rupees One Hundred Fifty One Only
15	9.16	Supplying and fixing TP&N MCB, 440 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.			
	9.16.5	63 amps	Each	1316.00	Rupees One Thousand Three Hundred Sixteen Only
16	7.17	Providing and making interconnection in cubical panel between BBC and switchgears with following size FRLS PVC insulated copper conductor wire lead of length upto 50cm including providing copper thimbles on both ends as per specification (To be measured separately for each phase/ neutral)			
	7.17.3	35 sqmm (125 amps)	Each	181.00	Rupees One Hundred Eighty One Only

Item No.	Particulars of Item	Unit	Rate	Rate in Words
7.19	Fabrication, supply, installation, testing and commissioning of cubicle type compartmentalized wall/ floor mounted power cum control panel board of specified size and following depth made out of not less than 2 mm thick CRCA MS powder coated sheet with suitable size compartments for bus bars, switchgears and necessary cutouts for voltmeters, ammeters etc as per specifications including powder coating painting but without busbars, switchgears and other accessories etc complete as per specification.			
7.19.1	Upto 300 mm deep	sqm	6818.00	Rupees Six Thousand Eight Hundred Eighteen Only
13	7.20			
	Supply, installation, testing and commissioning of 4 pole (3 phase + neutral) aluminium bus bars in existing cubicle type compartmentalized wall/ floor mounted panel board along with suitable size and shape insulators, necessary bolts and nuts etc complete as per specification.			
	7.20.2			
	200 amp (30x5mm)	Mtr	907.00	Rupees Nine Hundred Seven Only
19	9.1			
	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as per specification, IS/ IEC: 60947-2 and Ics = 100 % Icu.			
	9.1.26			
	4 pole MCCB, 160A, Adjustable Thermal - Magnetic Release, 35KA	Each	8999.00	Rupees Eight Thousand Nine Hundred Ninety Nine Only
20	9.16			
	Supplying and fixing TP&N MCB, 440 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.			
	9.16.5			
	63 amps	Each	1316.00	Rupees One Thousand Three Hundred Sixteen Only
21	10.15			
	Providing and fixing following rating current transformer in existing cubical panel including, connections, testing and commissioning etc. as per specification.			
	10.15.3			
	200/5 amps	Each	347.00	Rupees Three Hundred Forty Seven Only
22	10.17			
	Providing and fixing panel mounting 230 volt LED type indicating lamp in existing cubical panel including, connections, testing and commissioning etc. as per specification.	Each	94.00	Rupees Ninety Four Only
23	10.23			
	Providing and fixing panel mounting digital type VAF (Volt-amp-frequency combined) meter of size 100x100 (NS) in existing cubical panel including connection, testing and commissioning etc. as per specification.	Each	1201.00	Rupees One Thousand Two Hundred One Only
24	12.10			
	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as per specification.	Mtr	115.00	Rupees One Hundred Fifteen Only
25	12.19			
	Providing maintenance free earthing with following size GI pipe including making bore pit of minimum 150mm dia, providing and laying approved make Earthing Electrode of Pipe-in-Pipe technology as per IS 3043(R 2016) -1987 made of corrosion free G.I. Pipes having outer pipe of 80mm dia and inner pipe of 50mm dia and filling with specified qty highly conductive compound around pipe and above that with soft soil in bore pit complete and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. as per specification.			
	12.19.2			
	With 2 metre long GI Pipes and 25 kg back filling compound.	Each	8222.00	Rupees Eight Thousand Two Hundred Twenty Two Only



Item No.	Particulars of Item	Unit	Rate	Rate in Words
15.3	Supplying and laying following sizes one number FRLS PVC insulated /XLPE. PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade in existing RCC/ HUME/ STONEWARE/ METAL/ HDPE pipe as per specification, IS: 1554 (1988, Part 1) & IS: 7098 (1988, Part 1)			
15.3.12	3.5 x 35 sq. mm.	Mtr	134.00	Rupees One Hundred Thirty Four Only
20.6	Supplying and erection of angle/channel iron cross arms/ bracket/ other fitting of approved size and shape including drilling of holes for insulator pins, bolts and nuts etc as per specification.	kg	77.00	Rupees Seventy Seven Only
20.11	Supplying and erection of shackle insulator with G.I. bolts, nuts and straps etc. as per specification.			
20.11.1	Size 75mm x 90mm	Each	148.00	Rupees One Hundred Forty Eight Only

*Enjoy*  
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 Chhattisgarh Housing Board  
 Elect. Sub Divi - Bilaspur

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Executive Engineer (Elect)  
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