

N.I.T

Estimate for Electric wiring fitting work at Samydaik Bhavan at Shanti Nagar Ward

S.No.	DESCRIPTION (AS PER SOR CGPWD Elect. Return DT 01-07-15)	Unit	Qty
(1)	wiring For Light/fan/ex-fan/call bell Point with 1.5 sq mm FR PVC insulated stranded copper conductor single core cable in concealed PVC conduit with 5 Amp modular switch, modular base and cover plate suitable size G.I. box and earthing the Point with same size cable as required. 20/3-7.1 short Point 20/3-7.2 Medium Point 20/3-7.3 Long Point	Point Point Point	10 20 16
(2)	Wiring For train control light Point with 1.5 sq mm FR PVC insulated stranded copper conductor single core cable in concealed PVC conduit with 5 Amp modular switch modular base and cover plate, suitable size G.I. box and earthing the Point with same size cable as required.	Point	01
(3)	Extra For Providing and fixing light Plug Point on board in concealed PVC conduit Point wiring with modular type 3 Pin 5 Amp socket outlet and 5 Amp switch including cast of base and cover plate and G.I. box etc. as required.	Point	05
(4)	wiring For Light Plug Point with 2 x 2.5 sq mm FR PVC insulated stranded copper conductor cable in concealed PVC conduit 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 cable etc. as required. 20/3-10-4. Long Point I	Point	04
(5)	wiring For Power plug Point with 2 x 4 sq mm FR PVC insulated stranded copper conductor cable in concealed PVC conduit along with modular type 16 Amp switch and 6 Pin 16 Amp socket outlet with modular base and switch box and socket outlet with same size cable etc. as required 20/3-11-4. Extra Long Point 1	Point	01
(6)	wiring for circuit/sub main wiring along with earth wire with the foll. sizes of FR PVC insulated copper conductor single core cable in concealed PVC conduit as required.		
21/3-13-1	3 x 1.5 sq mm in 20 mm Conduit	MTR	20
21/3-13-2	3 x 2.5 sq mm in 20 mm Conduit	MTR	15
21/3-13-3	6 x 2.5 sq mm in 32 mm Conduit	MTR	11
21/3-13-4	9 x 2.5 sq mm in 32 mm Conduit	MTR	11
21/3-13-7	3 x 6 sq mm in 32 mm Conduit	MTR	NIL

Estimate for

SNO	DESCRIPTION	Unit	Qty
(7) 37 7.4.8	Supply and fixing modular stepped type electronic fan regulator (Two module size) moving all rounds on the existing modular plate and switch box including connection but excluding modular plate etc. as required.	Each	17
(8) 37 7.4.2	supplying and fixing blinking plate on the existing modular plate & switch box excluding modular plate as required.	Each	25
(9) 7.4.3	Supplying and fixing Polycarbonate batten/angle holder including connection etc. as req.	Each	29
(10)	Supplying Installation testing and Commissioning of foll. sizes ceiling Fan with resistance type regulator, including wiring the down rods of standard length up to 30 cm with 1.5 sq mm FR PVC insulated copper conductor, single core cable, earthy etc. complete as required. 39/8.1.2 1200mm Sweep.	Each	17
(11)	Supplying installation testing and Commissioning of foll. sizes surface/concealed heavy duty (continuous running) exhaust fan in existing opening in wall including - earthy etc complete as required. 40/8.6.1 :- 300mm Sweep	Each	04
(12)	Supplying installation testing & commissioning of foll. surface/concealed type fluorescent fitting (Luminaries) complete with electronic ballast glow type starter but without fluorescent Lamp on Ceiling/wall surface earthy the fitting etc. as required. 40/8.9.2 4 x 40W single box type	Each	16
(13)	Supplying installation testing and Commissioning of foll. 230/250 volts Led street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP66 Protection & 5 kV surge Protection on Pole bracket complete as required & furnishing 2 Yrs Guarantee from manufacture. 45/8.30.1 :- 25-30 watt	Each	01
(14)	Supplying fixing testing and Commissioning of foll. CFL without ballast in existing CFL lighting Luminaries as required. 42/8.14.4 :- 15 watt	Each	13
(15)	Supplying fixing testing & Commissioning of following 230/250 volts fluorescent Lamp (Tube) in existing lighting Luminaries as required. 41/8.12.1 4 x 36/40 watt	Each	16
(16)	Providing & fixing wooden board of suitable size for energy Mtr etc comp. as req. (49/8.53)	Each	01

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S No	DESCRIPTION	Unit	Qty
(17)	Supp. & fixing metal clad busbar chamber made of 1.6 mm thick CRCA sheet with 4 strip copper busbar of full capacity & length complete with all accessories including earthing the body etc. as req. 52/9.8.2 :- 100 x 450 mm Long	Each	01
(18)	Providing fixing metal clad TPN switch fuse unit (rewireable) 415/500 Volts with Parcel rewireable fuses including drilling holes on the board, connections, earthing the body etc as required. (Thimbeling shall be paid separately) 53/9.10.1 32 Amp 53/9.10.2 63 Amp	Each Each	01 01
(19)	Providing & fixing Porcelain rewireable fuse carrier and bare unit on wooden board including drilling holes on the board, screws, connections etc as required. (Thimbeling shall be paid separately) 53/9.11.3. 63 Amp	Each	03
(20)	Supp. & fixing on surface/recess horizontal type full 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 required. (But without MCB/RCCB/Isolators) 68/11.4.4. 4 way Double Door	Each	NIL
(21)	Supplying & fixing SP MCB 240 volts 'c' series suitable for inductive load in the existing MCB DB complete with connections testing and commissioning etc as req. 71/11.11.2 :- 6 Amp to 32 Amp	Each	06
(22)	Supplying & fixing full rating 415 volts Four poles Isolator in the existing MCB DB complete with connections testing and commissioning etc. as req. 73/11.19.2 :- 63 Amp	Each	02
(23) $\frac{87}{14.3}$	Providing Earthing with Copper Earth plate 600mm x 600mm x 3mm thick including accessories and providing masonry enclosures with cover plate having locking arrangement and watering pipe with charcoal and silt as required	Each set	01
(24) $\frac{87}{14.5}$	Supplying & laying 8 SWG copper wire at 0.50 mtr below ground as strip earth for conductor earth electrode including soldering etc. as req	MTR	54
(25) $\frac{87}{14.10}$	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earth as required	MTR	111

OFFICE OF THE MUNICIPAL CORPORATION, DURG (C.G.)

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(26) $\frac{88}{14.18}$	Providing & fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required	MTR	56
(27)	Supplying and laying full size one number steel armoured aluminium conductor power cable of 1.1 KV grade on surface/existing cable tray as req. 108/17.5-15 :- 4x16 spmm	MTR	30
(28) $\frac{152}{23.1}$	Providing & fixing for house service connection G.I pipe 50 mm dia 3.2 mtr long with 2 Nos 50x50x6 mm angle iron bracket on wall and 75x90 mm stackle insulator with strips including accessories complete	Each	01
(29) $\frac{204}{32.1}$	Earthwork in all type soil except soft rock/hard rock with all lead & 1.5 mtr lift dressing stacking excavated strata including refilling of excavated soil in trench/pit to ground level complete as required.	CUM	03


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