

MUNICIPAL CORPORATION OF BHILAI

NIT

वार्ड क्र. 38 सोनिया गांधी नगर, पावर हाउस बस स्टैण्ड का संधारण कार्य।

As Per PWD Building SOR 01.01.2015 & Electrical SOR 01.06.2020

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
1	Wall painting with acrylic premium emulsion (plastic) paint of required shade to give an even shade. (On old work (one or more coats))	1368.24	Sqm
2	Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with: On old work (One or more coats applied @ 0.83 ltr/ 10 sqm)	1097.29	Sqm
3	Painting on old work (one or more coats) to give an even shade with: Satin synthetic enamel paint	205.32	Sqm
4	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.	283.5	Kg
5	Providing and fixing laminated glass sheet of 8.76mm thickness in approved sizes on aluminium frame work on face of building. (Frame to be paid for separately).	1.62	Sqm
6	Providing and fixing aluminium composite panels in approved panel sizes, thickness and shape on aluminium frame work on face of building. (Frame to be paid separately) 4mm thick	58.88	Sqm
7	Designing, providing and fixing aluminium frame work made of special aluminium section on building face with M.S. angle iron brackets fixed on RCC structure with S.S. hold fasteners, including providing and fixing two sided structural adhesive tape of appropriate grade (NORTON or equivalent), on aluminium sections for fixing aluminium/ glass panel, sealing on periphery of frame work, by providing EPDM gasket, silicon weather sealant between aluminium frame and building structure including hire charges of double scaffolding complete.	90	Kg
8	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	3.3	Cum
9	Chequerred precast cement concrete tiles 22mm thick in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tile including cleaning of joint etc complete on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand): Light shade using white cement	13.2	Sqm
10	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	18	Sqm
11	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side having 12 mm air gap including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. complete.	6.6	Sqm
12	Supplying, installation, testing and commissioning of following LED fitting (luminaries) down lighters in round/ square shape shall be made up of Die Cast Powder coated housing complete with electronic driver ,heat sink and all other accessories on surface/ in false ceiling etc. as per specification. P.F. should be greater than 0.9 LED chip efficacy ratio ≥ 100 lumens /watt and Total harmonic distortion (THD) of less than 10%.		
		18/20 Watt	10 No.
		12 Watt	16 No.
		6 Watt	6 No.
13	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as per specification.		
		Pendent holder	10 No.
		Batten/ angle holder	50 No.
		5/6 amps one way switch	30 No.
		15/16 amps switch	10 No.
		Fan regulator Electronic, step type moving all round	20 No.
		Ceiling rose 3 pin 5 amps	30 No.

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
14	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 surface FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp piano type switch, phenolic laminated sheet, suitable size M.S. box etc as per specification and IS. 694 (2010), IS. 9537 (2000) Part 5)		
	Short Point	30	Point
	Medium Point	27	Point
	Long Point	10	Point
15	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.		
	SP MCB 25 amp	10	No.
16	Supplying and fixing of metal box of following sizes (normal size) in recess with suitable size phenolic laminated sheet cover in front including painting etc as per specification.		
	375 mm X 300 mm X 60 mm deep	4	No.


Executive Engineer
 Municipal Corporation
 Bhilai

Assistant Engineer
 Municipal Corporation
 Bhilai


Sub Engineer
 Municipal Corporation
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