

**GENERAL ABSTRACT FOR**  
**Proposed for Furnishing & Facilities for functional Requirement .**

**USE SOR MP PWD INFORCED FROM:- CIVIL -1-8-14 with Amendment,  
ELECTRICAL -1-8-14**

<b>Sl. No.</b>	<b>Discription of works</b>	<b>Amount</b>
<b>A</b>	<b>Civil Works</b>	<b>1924964.00</b>
<b>B</b>	<b>Sanitary Works</b>	<b>711026.00</b>
<b>C</b>	<b>Electrical Work</b>	<b>330936.00</b>
	<b>GRAND TOTAL</b>	<b>2966926.00</b>
	<b>SAY AMOUNT</b>	<b>30.00 Lakh</b>

**Sub Engineer  
NHM, Bhopal**

**Assistant Engineer  
NHM, Bhopal**

**Executive Engineer  
NHM, Bhopal**

### Detail Estimate for Proposed for Furnishing & Facilities for functional Requirement .

Sl. No.	Item no.	PARTICULARS	No.	L	B	H	Qty	Unit	Rate	Amount
1	14.27	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete								
		Post Operative ward	2	10.00	2.10		42.00			
			2	6.10	2.10		25.62			
		Second Ward	2	12.90	2.10		54.18			
			2	6.10	2.10		25.62			
		Ceiling	1	10.00	6.10		61.00			
			1	12.90	6.10		78.69			
		Labour room	2	6.60	1.10		14.52			
			2	4.00	1.10		8.80			
		Toilets	2	2.80	1.10		6.16			
			2	1.70	1.10		3.74			
		Ceiling	1	6.60	4.00		26.40			
		Labour room 2	2	10.50	1.50		31.50			
			2	4.30	1.50		12.90			
			1	10.50	4.30		45.15			
		Bio metric room	2	3.40	2.10		14.28			
			2	3.30	2.10		13.86			
			1	3.40	3.30		11.22			
		25 & 26 room	4	4.10	2.10		34.44			
			4	3.20	2.10		26.88			
			2	4.10	3.20		26.24			
		27 & 28 room	4	3.40	2.10		28.56			
			4	3.30	2.10		27.72			
			2	3.30	3.40		22.44			
		Computer room	2	3.30	2.10		13.86			
			2	2.70	2.10		11.34			
			1	2.70	3.30		8.91			
		Account Room	2	5.90	2.10		24.78			
			2	2.90	2.10		12.18			
			1	5.90	2.90		17.11			
		Corridor ramp	3	14.75	2.10		92.93			
		Tawar	2	14.80	3.20		94.72			
		Metral Room	2	4.50	2.10		18.90			
			2	3.70	2.10		15.54			
			1	3.70	4.50		16.65			
		Medical Ward	2	23.90	2.10		100.38			
			2	6.10	2.10		25.62			
			1	6.10	23.90		145.79			
		In front of medical ward	2	7.00	2.10		29.40			
			2	6.40	2.10		26.88			
			1	6.40	7.00		44.80			
		46 & 47 room	4	3.70	2.10		31.08			
			4	3.20	2.10		26.88			
			2	3.20	3.70		23.68			
		Ward	2	9.00	2.10		37.80			
			2	3.70	2.10		15.54			
			1	3.70	9.00		33.30			
		Waiting room	2	4.80	2.10		20.16			
			2	3.00	2.10		12.60			
			1	3.00	4.80		14.40			
		Medical female ward 1	2	11.80	2.10		49.56			
			2	5.00	2.10		21.00			
			1	5.00	11.80		59.00			
		Medical female ward 2	2	15.00	2.10		63.00			
			2	6.40	2.10		26.88			
			1	6.40	15.00		96.00			
		Nurse duty room	2	4.00	2.10		16.80			
			2	3.40	2.10		14.28			
			1	3.40	4.00		13.60			

Sl. No.	Item no.	PARTICULARS	No.	L	B	H	Qty	Unit	Rate	Amount
							<b>1917.27</b>			
		Deduction Door	26	1.20	2.50		78.00			
		Window	42	1.00	1.70		71.40			
							<b>149.40</b>			
		<b>Net Qty</b>					<b>1767.87</b>	sqm	5.10	9016.00
2	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, Like birla white /JK white or equivalent, over the plastered wall surface to prepare the surface even and smooth i/c all cost of material, labour and scaffold etc in all position complete.								
		Qty Same as Item no 1					<b>1767.87</b>	sqm	74.00	130822.00
3	13.49	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:								
		13.49. Two or more coats on new work								
		1								
		Qty Same as Item no 1					<b>1767.87</b>	sqm	64.00	113143.00
4	11.46	Providing and fixing Ceramic glazed wall tiles 300x450 mm or more (having thickness 6 to 7 mm) of 1st quality conforming to IS : 15622 of approved make in all Colours shades, Except burgundy, Bottle green, Black, laid on 12mm thick bed of Cement Mortar 1:3 (1 Cement : 3 sand) jointed with grey cement slurry @3.3 kg per sqm including pointing the joints with white cement and matching pigments etc., complete.								
		Cmho gate	2	1.80	1.20		4.32			
		Kitchen corridor	2	15.60	1.80		56.16			
		In front of ramp	1	3.30	1.80		5.94			
		PPOT Corridor	2	9.20	1.80		33.12			
		First Floor Corridor	2	7.50	1.80		27.00			
		OPD Corridor	18	0.90	1.80		29.16			
		Collecting Corridor	1	3.60	1.80		6.48			
							<b>162.18</b>	sqm	878.00	142394.00
5	1188	Providing and laying vitrified floor tiles in different sizes with water absorption's less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 sand) including grouting the joints with white cement and matching pigments etc., complete.								
		11.53. Size of Tile 600x600x9-10 mm								
		2								
		Corridor	1	7.20	2.60		18.72			
		In front of Eye OT flooring	1	6.50	3.30		21.45			
								Sqm	850.00	34145.00
							<b>40.17</b>			
6	11.28	Granite work gang saw cut (polished and machine cut) of thickness 18mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 sand) including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade: (To be secured to the backing by means of cramps, which shall be paid for separately)								
		11.28.1 Black								
		11.28.1 Area of slab over 0.50 sqm								
		Kitchen corridor	4	1.00	0.30		1.20			
		OPD corridor	18	0.90	1.80		29.16			
		PPOT Corridor	13	0.50	1.80		11.70			

Sl. No.	Item no.	PARTICULARS	No.	L	B	H	Qty	Unit	Rate	Amount
		Old OPD corner	3	1.60	0.30		1.44			
		First Floor corridor	24	1.60	0.50		19.20			
		Ramp	4	0.50	1.60		3.20			
		Blood bank	22	0.85	1.60		29.92			
		Colms	20	2.10	0.60		25.20			
							<b>121.02</b>	sqm	3720.00	450194.00
7	10.3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rail of T-iron 40x40x6mm with 40mm dia steel pulleys complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer. Rate includes recess cutting in floor and making good the same wherever required.								
		Channal	3	2.80	2.40		20.16			
		Grill	2	2.85	2.00		11.40			
							<b>31.56</b>	sqm	4131.90	130403.00
8	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :								
	21.1.1	For fixed portion.								
	21.1.1	Powder coated aluminium (minimum thickness of .2 powder coating 50 micron)								
		Window	18	1.00	1.70		30.60			
							<b>30.60</b>			
		30.60@10.00 kg/sqm					<b>306.00</b>	Kg	377.00	115362.00
9	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item) :								
	21.3.1	With float glass panes of 4.0 mm thickness								
		Window	18	1.00	1.70		30.60			
		Door	16	8.00	0.40	0.25	12.80			
							<b>43.40</b>	sqm	849.00	36847.00
10	9.46	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.63 mm all complete.								
	9.46.2	With 12 mm mild steel U beading.								
		Window	18	1.00	1.70		30.60			
		Corridor Grill	12	2.00	1.70		40.80			
		PPOT Grill	8	2.00	1.70		27.20			
							<b>98.60</b>	sqm	681.00	67147.00

Sl. No.	Item no.	PARTICULARS	No.	L	B	H	Qty	Unit	Rate	Amount
11	13.57	Finishing walls with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :								
	2	13.57. Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/ 10 sqm of approved brand or manufacture								
		doors	84	1.20	2.50		252.00			
		Windows	64	1.00	1.70		108.80			
		Ventilation	36	0.60	0.60		12.96			
							<b>373.76</b>	sqm	69.00	25789.00
12	19.6	Providing and laying cement concrete 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20 mm nominal size) up to haunches of PVC. pipes including bed concrete as per standard design :								
		19.6.3 200 mm diameter PVC. pipe								
		For seaver line	1				220.00	RM	521.00	114620.00
13	18.42	Constructing masonry Chamber 60x45x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 sand) for water meter complete with C.I. double flap surface box 400x200x200 mm (inside) with locking arrangement and RCC top slab 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 ( 1 cement : 5 sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design :								
		18.42. With common burnt clay bricks of 25 kg /sqcm compressive strength.	18				18.00	each	4870.00	87660.00
14	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :								
		13.2.2 1:6 (1 cement : 6 sand)								
		Tawar	1	14.80	4.20		62.16	sqm	128.00	7956.00
15	15.11	Dismantling tile/ Kota stone/ Marble / Granite work in floors/walls and roofs laid in cement mortar including stacking material within 50 metres lead.								
		15.11. For thickness of tiles 10 mm to 25 mm								
		1								
		Old building toilets	2	4.50	4.60		41.40			
			2	4.30	4.70		40.42			
			2	5.80	4.80		55.68			
		SNCU toilets	3	5.20	4.60		71.76			
							<b>209.26</b>	sqm	17.00	3557.00
16	22.14	Grading roof for water proofing treatment with								
		22.14. Cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size)								
		1								
		Old building toilets	14	1.50	1.30	0.15	4.10			
		Bath room	6	1.70	1.60	0.15	2.45			
		SNCU toilets	15	1.50	1.30	0.15	29.25			
		Bath room	6	1.70	1.60	0.15	2.45			
							<b>38.24</b>	cum	4569.00	174723.00
17	9.163	Providing and fixing to existing door frames.								

[illegible]

## ESTIMATE FOR SANITARY & WATER SUPPLY

S. No.	Descreption of Items	Quantity	Unit	Rate	Amount
	<b>(I) P.W.D. S.O.R. BASED ITEMS</b>				
<b>1</b>	<b>WATER TANK</b>				
	Providing and placing on terrace (at all floor levels) high ersign HDPE (polyethylene) water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and arrangement and making necessary holes for inlet, outlet and overflow ipes but without fittings and the base support for tank	4000.00	Ltr	7.00	28000.00
	SOR ITEM-18.83 P-334				
<b>2</b>	<b>CPVC PIPE</b>				
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
	b) 25mm dia	280.00	metre	173.00	48440.00
	c) 32mm dia	180.00	metre	225.00	40500.00
	SOR ITEM-18.8 P-70				
<b>4</b>	<b>PVC PIPE</b> -Providing and laying below ground unplasticised PVC pipe to with stand working pressure of 4 kg/cm2 soild waste pipes confirming to IS:13592 and IS:4985 including jointing with seal ring confirming to IS :5282 leaving 10mm gap for thermal expansion all necessary fittings etc. complete.				
	a) 110 mm diameter OD	149.00	metre	259.00	38591.00
	SOR ITEM-19.35.1 P-84				
<b>5</b>	<b>PCC.1:5:10</b> Providing and laying cement concrete 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40 mm nominal size) all-round PVC. pipes including bed concrete as per standard design:				
	a) 100 mm diameter PVC. Pipe	110.00	metre	181.00	19910.00
	SOR ITEM-19.37.1 P-85				
<b>6</b>	<b>PVC Rain water pipes</b> -Providing and fixing on wall face unplasticised Rigid PVC Rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal xpansion.(i) Single socketed pipes. for working pressure of 4kg/cm2				
	110 mm diameter	164.00	metre	259.00	42476.00
	(SOR I.No. 12.33.3/P-45)				

S. No.	Descreption of Items	Quantity	Unit	Rate	Amount
7	<b>Sink</b> - Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug 40mm C.P brass waste and 40mm C.P. brass t rap with necessary .P. brass unions complete including painting of fittings and brackets, cutting and making good the wall wherever required				
	Size 600x450x200mm	4.00	each	2689.00	10756.00
	SOR ITEM-17.11.2 P-62				
8	<b>Indian type W.C.</b> Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern with manually ontrolled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :				
	Stainless Steel AISI-304(18/8) Orissa pattern W.C. pan of size 585x480 mm with flush pipe and integrated type foot rests.	32.00	each	6564.00	210048.00
	SOR ITEM-17.1.2 P-60				
9	<b>WASH BASIN</b>				
	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps,32 mm C.P. brass wa ste of standard pattern,including painting of fittings and rackets, cutting and making good the walls wherever require :	27.00	each	1716.00	46332.00
	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps.				
	SOR ITEM- No. 17.7.1 p-61				
10	<b>Gully trap</b> - Providing and fixing square-mouth S.W. gully trap grade 'A" complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design : With Modular Bricks class designation 40				
	150 x 100 mm size P type.	27.00	each	1106.00	29862.00
11	<b>C.P. brass towel rail</b> - Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour.				
	450MM long towel rail with total length of 495mm, 78mm wide and effective height of 88mm, weighing not less than 170gms.	18.00	each	359.00	6462.00
12	<b>Bib cock</b> - Providing and fixing brass bib cock of approved quality :				



S. No.	Descreption of Items	Quantity	Unit	Rate	Amount
12	15 mm nominal bore 0.40kg (SOR I.No. 18.49)	60.00	each	221.00	13260.00
13	<b>Long body bib cock</b> - Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	30.00	each	363.00	10890.00
14	<b>stop cock</b> - Providing and fixing brass stop cock of approved quality : 15 mm nominal bore 0.40kg	20.00	each	221.00	4420.00
15	<b>Stop cock</b> -Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore.	15.00	each	360.00	5400.00
16	<b>gate valve</b> - Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore	40.00	each	329.00	13160.00
17	<b>Wall mixer</b> -Providing and fixing C.P. brass wall mixer of approved quality and make conforming to IS:specification. 15 mm nominal bore.	15.00	each	2177.00	32655.00
	(SOR I.No. 17.31)				
18	<b>Soap container</b> -Providing and fixing C.P. brass soap container 109 mm wide, 125 high and 112 mm distance from wall of standard shape with bracket of the same material with all fittings etc. of approved quality and make like Jaguor or equivalent conforming to IS:specification.	10.00	each	608.00	6080.00
19	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (SOR I.No. 17.31)	10.00	each	825.00	8250.00
20	<b>Cutting holes</b> up to 30x30 cm in walls including making good the same: With Modular bricks SOR ITEM-18.82.1P-78	20.00	each	105.00	2100.00
21	<b>Cutting holes</b> up to 15x15cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement :2 sand : 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof. SOR ITEM-18.83.1P-78	5.00	each	94.00	470.00

S. No.	Descreption of Items	Quantity	Unit	Rate	Amount
22	Constructing masonry Chamber 30x30x50 cm, inside with class 25 designation brick work in cement mortar 1:4 (1 cement :4 sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement :2 sand : 4 graded stone aggregate 20 mm nominal size ) necessary excavation foundation concrete 1:5:10 ( 1 cement :5 fine sand:10 graded stone aggregate 40mm nominal size ) and inside plastering with cement mortar 1:3 (1 cement :3 sand) 12mm thick finished with a floating coat of neat cement complete as per standard design				
	With Modular bricks	12.00	each	7747.00	92964.00
	SOR ITEM-19.9.1/P-342				
	<b>TOTAL</b>				<b>711026.00</b>
	<b>Say</b>				<b>711026.00</b>

Detailed Estimate for Providing Internal Electrification							
S. No.	Page No.	Item No./pg.	Description	Unit	Quantity	Rates (Rs.)	Amount
1	4	4	Point wiring (excluding metallic switch box & sheet but including switches, sockets,lamp holders/ceiling roses etc) with 1.5 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI Marked				
		4.1	Light Point/Fan Points.				
			a) Short point	Each	30	275	8250.00
			b) Medium point	Each	25	438	10950.00
			c) Long point	Each	20	630	12600.00
		4.3	Call Bell / Buzzer Points				
			c) Long point	Each	6	636	3816.00
		4.4	Twin Control light points				
			b) Medium point	Each	20	507	10140.00
			c) Long point	Each	16	739	11824.00
		4.5	Point wiring (excluding metallic switch box & sheet but including switches, sockets) for 3 pin 6 Amp. Socket outlet point with 1.5 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI	Each	6	219	1314.00
2	4	4.6	Wiring for circuit wiring with PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) of ISI marked suitable size including painting etc. as required as per specification				
			a) 2x2.5 Sq.mm.	Metre	40	71	2840.00
			b) 4x2.5 Sq.mm.	Metre	30	109	3270.00
			c) 6x2.5 Sq.mm.	Metre	20	141	2820.00
			d) 8x2.5 Sq.mm.	Metre	20	172	3440.00

3	7	9.1	Point wiring (excluding metallic switch box & sheet ) for 3 Pin 16 Amp. Socket Outlet Point With 4 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in Concealed rigid P.V.C.Conduit (HMS) ISI Marked of suitable size includi				
			On Separate Board				
			B. Medium Point	Each	10	767	7670.00
			C. Long Point	Each	8	1146	9168.00
			D. Extra Long -I	Each	8	1626	13008.00
			E. Extra Long -II	Each	8	2130	17040.00
			F. Extra Long -III	Each	8	2646	21168.00
		9.2	Same board socket 16 Amp	Each	8	299	2392.00
4	11	17.2	Supplying and fixing of approved make modular type metal box with modular frame/ base plate and cover plate including fixing in concealed / surface excluding switch,socket etc. as required for:-				
		17.2.1	1 Or 2 Module	Each	20	53	1060.00
		17.2.2	3 Module	Each	10	65	650.00
		17.2.3	4 Module	Each	10	74	740.00
		17.2.4	6 Module	Each	10	112	1120.00
		17.2.5	8 Module	Each	10	149	1490.00
		17.2.6	12 Module	Each	10	180	1800.00
5	10	16	Supplying and fixing PVC conduit ISI marked alongwith the accessories in concealed system including painting etc. as required				
		16.1	PVC . Conduit 20 mm (HMS)	Metre	30	29	870.00
		16.2	PVC . Conduit 25 mm (HMS)	Metre	30	35	1050.00
6	12	18	Supplying and drawing single core PVC insulated cable FR with copper multi strand conductor ISI marked in existing rigid conduit in surface or concealed as per specification.				
		18.1	1.5 Sq mm cable				
		18.1.1	1 X 1.5 sq mm	Metre	18	14	252.00

		18.1.2	2 X 1.5 sq mm	Metre	15	24	360.00
		18.1.3	3 X 1.5 sq mm	Metre	12	34	408.00
		18.2	2.5 Sq mm cable				
		18.2.1	1 X 2.5 sq mm	Metre	12	20	240.00
		18.2.2	2 X 2.5 sq mm	Metre	12	35	420.00
		18.2.3	3 X 2.5 sq mm	Metre	12	51	612.00
		18.3	4.00 Sq mm cable				
		18.3.1	1 X 4.00 sq mm	Metre	8	28	224.00
		18.3.2	2 X 4.00 sq mm	Metre	10	52	520.00
		18.3.3	3 X 4.00 sq mm	Metre	10	75	750.00
7	23	24.5	Supply of approved make powder coated sheet steel encloser SPN MCB DB inclusive of Busbar, Neutral bar, Earth bar & two earth terminals etc. complete as per IS:13032( exclusive of MCB & isolator )-				
		24.5.2	4 way single door	Each	4	364	1456.00
		24.5.5	8 way double door	Each	4	847	3388.00
		24.5.6	12 way double door	Each	4	1091	4364.00
8	24	24.8	Supplying of approved make, powder coated Vertical TPN MCB DB Metal Double Door with MCCB 100A TP 10kA as incomer and space for SP/TP MCBs as outgoing (without MCBs) inclusive of busbar &connections etc without MCB:				
		24.8.1	4 way with MCCB	Each	4	6499	25996.00
		24.8.2	8 way with MCCB	Each	4	7212	28848.00
9	26	25.7	Labour charges for fixing sheet steel enclosures, MCB DB flush mounting type, as per accepted practice, duly embedded and end plate completely flushed in wall, cable connection etc.complete :-				
			FOR S.No :-				
		25.7.1	24.5.1 to 24.5.5;24.6.1 to24.6.5 & 24.7.1,	Each	8	49	392.00
		25.7.2	24.5.6 & 24.5.7;24.6.6 to 24.6.7;24.7.2 to 24.7.3 & 24.8.1 to 24.8.3	Each	8	65	520.00

10	21	24.1	Supplying of ISI Marked and approved make of Moulded Case Circuit Breaker (MCCB) suitable for 3 phase,3 pole, 50 Hz, 415 Volts, AC supply with respective interrupting capacity (KA) at 415 Volts cited against their range standard conforming to IS - 8828				
		24.1.1	MCCB with Breaking Capacity 25 KA at 415 V				
		24.1.1.1	Current Rating -25 to100 Amps & 70% -100% adjustable	Each	2	4082	8164.00
11	22	24.3	Supplying of ISI Marked and accepted standard of Miniature Circuit Breaker (MCB) of 'C' series suitable for 240/415 Volts, 50 Cycle , 10 kA Value AC supply confirming to IS : 8828 : 1996, IEC : 60898 :2002 but without enclosures :-				
		24.3.1	SINGLE POLE (SP)				
		24.3.1.2	6 Amp to 32 Amp Rating	Each	8	126	1008.00
		24.3.2	SINGLE POLE & NEUTRAL (SPN)				
		24.3.2.2	6 Amp to 32 Amp Rating	Each	16	379	6064.00
12	25	25.4	Fixing of MCB /MCCB/ Isolator				
		25.4.1	Fixing of MCB / Isolator SP/DP in sheet steel enclosure as required as per accepted practice, including mounting on busbar and cable connection etc. complete (Labour only )	Each	4	2	8.00
		25.4.2	Fixing of MCB /MCCB Isolator TP /TPN/FP in sheet steel enclosure as required as per accepted practice, including mounting on busbar and cable connection etc. complete.	Each	4	5	20.00
13	27	26.4	Supplying and fixing as per specification Call bell / buzzer of approved make with necessary materials complete.				
		26.4.2	Ding Dong bell	Each	4	90	360.00
14	30	26.26	Suppling and drawing following pair,0.5 Sq mm PVC Insulated copper conductor unarmoured telephone cable in existing surface / concealed ,steel / PVC Conduit as required.				
		26.26.2	(ii) 2 Pair	Metre	30	19	570.00

15	30	26.27	Suppling and drawing Co-axial T.V. Cable RG-6 Grade , 0.7 mm Solid Copper conductor PE Insulated , Shielded with fine tined copper braid and protected with PVC Sheath in the existing surface / concealed ,steel / PVC. Conduit as required.	Metre	10	23	230.00
16	30	26.31	Suppling and fixing of approved make step type Modular electronic, Fan regulator including connection etc. as required on existing board				
		26.31.1	450 Watt	Each	14	249	3486.00
17	31	26.32	Supplying, erection and testing of approved make electric Ceiling fan of double ball bearing complete with standard down rod, canopy, hanging shackle, Aluminium blades, without regulator, A.C. 230-250 volts including connections with all necessary materi				
		26.32.1	Ceiling Fan (Energy Saver 50 W)-1200 mm Sweep	Each	14	1440	20160.00
19	31	26.36	Supplying, erecting and testing of approved make Exhaust Fan heavy duty with mounting frame, blades AC 230-250 complete connection and including, frame bolt/ Anchor hole fastners etc. complete finished and as required.				
		26.36.1	300mm sweep 900 RPM	Each	4	2481	9924.00
20	32	26.41	Supplying, fixing and testing of approved make surface mounting mirror optics luminaires for single/twin 36/40 watt fluorescent lamp comprising of white powder coated CRCA sheet steel housing raw silk / navy brown / white colour M.S. low profile flat housing complete with all accessories i.e. electronic ballast (HF) duly wired (without tube rod) and high purity anodised aluminium reflector assmebly along with cross louvers as per specification and fixing as below.				
		26.41.1	Fixing on wall/Ceiling on wooden round block with 'J' hook/Anchor hole fastener fixed in Ceiling and other necessary materials including connectons etc. and as required.				
		26.41.1.2	2x40w	Each	4	2850	11400.00

		26.41.2	Fixing by stiff pendant arrangement with two pieces of steel conduit 19/20mm dia 16 SWG and other necessary materials such as ball socket, T.W. block with 'J' hook/ Anchor hole fastner fixed in Ceiling including connections and as required for length upt				
		26.41.2.2	2x36/40w	Each	4	2935	11740.00
21	36	26.58	Supplying, fixing & testing of approved make of T- 5 lamp channel luminaire with epoxy white powder coated CRCA sheet steel housing with reflector cover with necessary materials connection etc. complete as required (with lamp)				
		26.58.1	T - 5 Lamp 1 X 28 watt	Each	14	1000	14000.00
22	36	26.55	Supplying, fixing & testing of approved make of low watt surface / recessed mounting CFL down lighter luminaire with white powder coated aluminium cover with anodised aluminium reflector with necessary materials connection etc. complete as required (wit				
		26.55.1	CFL 1 X 10 / 13 / 18 watt	Each	20	570	11400.00
24		26.21	Supplying,Fixing and Testing of MH lamp Single ended type ISI marked of approved make as required as per specification				
		26.21.3	250 Watt	Each	4	1250	5000.00
27	48	33.1	Supply of XLPE Insulated power cable (conforming IS-7098 ) 1100 Volt grade/Heavy duty power cable conforming to IS 1554-1100 Volts grade , 2 core /3½ core/4 coreISI MARKED with Alu. Stranded /solid conductor				
		33.1.2	ARMOURED 2 Core				
		33.1.2.3	6 Sq.mm.(XLPE)	Metre	4	95	380.00
		33.1.8	ARMOURED 4 CORE				
		33.1.8.2	10 Sq.mm.(XLPE)	Metre	4	146	584.00
	49	33.1.6	ARMOURED 3½ CORE				
		33.1.6.3	50 Sq.mm(XLPE)	Metre	4	360	1440.00



		33.1.6.7	150 Sq.mm.(XLPE)	Metre	2	886	1772.00
28	54	33.10	Supplying & installing G.I. Pipe for protection of underground cable fixed on wall/support/in trench/fixed between two rigid existing support of wall/beam for erection of ceiling Fan/down rod for stiff pendent for light luminaries /fan/protective for earthing, lightening conductor down strip/everhead service line/for submer cable or centrifugal pump for water supply with necessary iron clamp coupler, bend, te, elbow, nuts and bolts etc. complete in an approved manner as required to complete the job excluding cost of excavation/dismantalling & other finished masonary Item complete.				
		33.10.2	A' Class G.I.Pipe ISI Marked (IS-1161-69)				
		33.10.2.6	100.00mm	Metre	1	629	629.00
29	55	33.13	CABLE LAYING				
		33.13.3	Laying of one number PVC Insulated and PVC sheathed power cable of 1.1.kV grade of size exceeding 120 Sq mm but not exceeding 400 Sq.mm direct in ground including excavation and cushioning protective covering and refilling the pit etc. as required.	Metre	1	109	109.00
		33.13.6	Laying of one number additional PVC insulated and PVC sheathed power cable of 1.1kV grade of size exceeding 120 Sq mm but not exceeding 400 Sq mm direct in ground in the same trench in one tier horizontal formation including excavation, send cushioning, pro	Metre	2	68	136.00
		33.13.8	Laying of one number PVC insulated and PVC sheathed power cable of 1.1 kV grade of size exceeding 25 Sq.mm but not exceeding 400 Sq mm in the existing RCC/Hume Stoneware/G.I. Pipe as required.	Metre	2	13	26.00
		33.13.17	Laying and fixing of one number PVC insulated and PVC sheathed aluminium conductor cable of 1.1kV grade of size not exceeding 25 Sq.mm on surface etc. as required.	Metre	2	38	76.00

		33.13.19	Laying and fixing of one number PVC insulated and PVC sheathed aluminium conductor cable of 1.1kV grade of size exceeding 120 Sq.mm but not exceeding 300 Sq.mm on surface etc. as required.	Metre	2	80	160.00
30		32.3	Earthing with G.I. Earth plate 600mm X 600mm X 6mm thick including accessories and providing masonry encloser in cement mortor, cover plate having locking arrangment on the top and G.I. watering pipe 20mm dia 2.7 Metre long etc. (compelete with charcoal	Each	1	2200	2200.00
31		32.15	Providing and fixing 25mm X 4mm G.I. strip on surface or in recessed/concealed for connection etc. as required.	Metre	1	77	77.00
32		27.14	Providing and fixing wooden board of suitable size (maxinum 12" X 18" ) for fixing of house service Metre with necessary materials and connection testing etc. complete as per specification :	Each	1	101	101.00
33		32.5	Add Extra for using salt and charcoal / coke for G.I. Plate or Copper plate earth electrode as required including excavation & refilling.	Each	1	472	472.00
						<b>TOTAL</b>	<b>330936.00</b>
						<b>Say</b>	<b>330936.00</b>