



ભાવનગર મહાનગર પાલિકા – ભાવનગર

બિલ્ડીંગ વિભાગ

કામનું નામ - ભાવનગર શહેરમાં વડવા વોશિંગઘાટ ખાતે રેઇન બસેરા નાઈટ શેલ્ટરની

બાજુમાં સ્માર્ટ આંગણવાડી બનાવવાનું કામ

ESTIMATE

No	ITEM	QTY	RATE	UNIT	AMOUNT
1	Excavation for foundation upto 1.5 m depth IN ANY TYPE SOIL including sorting out and stacking of useful materials and disposing off the excavated stuff AT Any lift instructed by engineer incharge.	144.00	115.92	Cum	16692.48
	Govt. R&B / SOR - 2023-24 / Ch.no. 4 / Sr.no.1 / item code - 04001 A				
2	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	2.50	253.58	Cum	633.95
	Govt. R&B / SOR - 2023-24 / Ch.no.4 / Sr.no.3 / item code - 04001 C				
3	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete including cost of formwork in (A) Foundation and Plinth (upto 10 ton)	26.00	3893.00	Cum	101218.00
	AS PER R.A.				
4	Providing and laying controlled cement concrete M.250 and curing complete including the cost of form work but excluding the cost of reinforcement reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete. (upto 10 ton)	1.00	4470.00	Cum	4470.00
	AS PER R.A.				
5	Providing laying controlled cement concrete M-250 and curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in GROUND BEAMS / PLINTH BEAMS	20.50	6002.00	Cum	123041.00
	AS PER R.A.				
6	Providing laying controlled cement concrete M-250 and curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in COLUMN UP TO GROUND FLOOR	10.00	8562.00	Cum	85620.00
	AS PER R.A.				
7	Providing laying controlled cement concrete M-250 and curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in COPPING FOR ALL LEVEL	7.50	6180.00	Cum	46350.00
	AS PER R.A.				
8	(i) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:6 (1-cement : 6-coarse sand including levelling up etc. complete (upto 10 ton)	114.00	2475.26	Cum	282179.64
	Govt. R&B / SOR - 2023-24 / Ch.no.7 / Sr.no.1 / item code - 07001A / 7.60				
9	Brick work using common Brunt clay building bricks having crushing strength not less than 35 Kg./Sqcm. In foundation and plinth in cement mortar 1:6 (1cement : 6 fine sand) (B) Conventional (up to 10 ton) UP TO PLINTH LEVEL	50.00	3981.21	Cum	199060.50
	Govt. R&B / SOR - 2023-24 / Ch.no.6 / Sr.no.9 / item code - 06002 B / 6.13				
10	Brick work using common Brunt clay building bricks having crushing strength not less than 35 Kg./Sqcm. In foundation and plinth in cement mortar 1:6 (1cement : 6 fine sand) (B) Conventional (up to 10 ton) FOR GROUND FLOOR	79.00	4247.00	Cum	335513.00
	AS PER R.A.				
11	Half brick masonry in common brunt clay building strength not less than 35 Kg./Sqcm. In cement mortar 1:3 (1cement : 3 coarse sand) with 2 Nos. of 6 mm. Diameter mild steel round bars after every three coarse embedded in cement mortar in foundation and plinth for up to floor two level	16.00	656.64	Sqm	10506.24
	Govt. R&B / SOR - 2023-24 / Ch.no.6 / Sr.no.80 / item code - 06009A / 6.31				

No	ITEM	QTY	RATE	UNIT	AMOUNT
12	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.	146.00	129.10	Cum	18848.60
	Govt. R&B / SOR - 2023-24 / Ch.no.4 / Sr.no.26 / item code - 4006 / 4.12				
13	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete. (upto 10 ton)	123.00	286.20	Cum	35202.60
	Govt. R&B / SOR - 2021-22/ Ch.no.4 / Sr.no.29 / item code - 4008A				
14	Providing and laying controlled cement concrete M-250 and curing etc. complete including the cost of form work but excluding the cost of reinforcement For reinforced concrete work in R.C.C. Lintel For Ground floor.	3.00	7470.00	Cum	22410.00
	AS PER R.A.				
15	Providing and laying controlled cement concrete M-250 for reinforced concrete chajjas not exceeding 23 cm. thickness up to floor two level including finishing the exposed surfaces with cement mortar 1:3 (1cement :3 fine sand) to give a smooth surface centring and form work and curing complete excluding cost of reinforcement for Ground Floor	2.00	7074.00	Cum	14148.00
	AS PER R.A.				
16	Providing and laying controlled cement concrete M-250 and curing etc. complete including the cost of form work but excluding the cost of reinforcement For reinforced concrete work in R.C.C. Beams for Ground Floor.	4.00	7177.00	Cum	28708.00
	AS PER R.A.				
17	Providing and laying controlled cement concrete M-250 and curing etc. complete including the cost of form work but excluding the cost of reinforcement For reinforced concrete work in R.C.C. slabs having any thickness for Ground floor.	10.00	5787.00	Cum	57870.00
	AS PER R.A.				
18	Providing TMT Bar FE 500D/500 reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	5420.00	75.46	Kg	408993.20
	Govt. R&B / SOR - 2023-24 / Ch.no.5 / Sr.no.39 / item code - 05014C/ 5.4.11				
19	providing and fixing M.S door and window prepared with ms equal angle for frame and shutter with 18 BSG sheet including fixture and fastening including red lead paint with two coat oil paint etc including fixing in position				
	(A) Door	9.50	2817.00	Sqm	26761.50
	(B) window with grill	6.50	4582.00	Sqm	29783.00
	AS PER R.A.				
20	Providing,supplying, making, erecting and Fixing M.S.safety grill of required pattern for windows/Door using M.S. polished bars, M.S.Flats and rectangular CRC pipes of required size at required spacing as per design and hold fast with coach bolts including cutting, hoisting, fixing in position with one coat of primer and two coats of matt finished oil painting etc. complete.	1600.00	107.00	kg	171200.00
	AS PER R.A.				
21	Providing 15 mm. Thick cement plaster in two coats on fair side brick / concrete wall for interior plastering consisting of 12 mm. Thick backing coat of cement mortar 1:4 (1-Cement : 4-sand) and 3 mm. Thick finishing coat of C.M. 1:1 (1-cement : 1-fine sand) etc. complete for Ground floor.	206.00	210.00	Sqm	43260.00
	AS PER R.A.				
22	Providing 10 mm. thick cement plaster in single coat on fair side concrete for plastering on ceiling and soffits of stairs up to floor two level and finished even and smooth in :(I) Cement mortar 1:3 (1 cement : 3 sand) for finishing with a floating coat of neat cement slurry. Ground floor.	54.00	186.00	Sqm	10044.00
	AS PER R.A.				

No	ITEM	QTY	RATE	UNIT	AMOUNT
23	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	771.00	322.88	Sqm	248940.48
	Govt. R&B /SOR - 2023-24 / Ch.no.17 / Sr.no.18 / item code - 17009/17.95				
24	Finishing wall with whether exterior emulsion paint on wall surface on wall surface (two coats) to give required shape even shade after thoroughly brushing the surface to remove all dirt, dust, and remains of loose powdered materials. Etc complete.	638.00	113.40	Sqm	72349.20
	Govt. R&B /SOR - 2023-24 / Ch.no.19 / Sr.no.34 / item code - 19031				
25	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on wall surfaces to give an even brushing the surface free from mortar droppings and other foreign matter and sand papered smooth..	260.00	78.12	Sqm	20311.20
	Govt. R&B /SOR - 2023-24 / Ch.no. 18 / Sr.no.31 / item code - 18031 / 23.80				
26	Applying two coats of putty and two coats of primer approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign mater and sand papered smooth.	260.00	40.19	Sqm	10449.40
	Govt. R&B /SOR - 2023-24 / Ch.no. 18 / Sr.no.31 / item code - 19032				
27	TEXTURE PAINT:- Providing & applying texture paint on exterior as well as interior wall				
	AS PER R.A.	15.00	900.00	Sqm	13500.00
28	Providing and laying 24" x 24" /24"*48" or selected by engineer incharge Vitrified tiles 8mm thick flooring over 20 mm. (average thick base of cement mortar 1:3 (1 cement : 3 coarse sand) and laid over and jointed with white cement slurry with pigment match to shade of tiles etc. complete.	45.00	1062.50	Sqm	47812.50
	Govt. R&B /SOR - 2023-24 / Ch.no. 14 / Sr.no.55 / item code - 14008CA / 14.29 C1				
29	Providing and laying Vitrified tiles 8mm. thick 24" x 24" / 24"*48" or selected by engineer incharge in skirting risers of steps and dado on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with white cement slurry.	5.00	1130.15	Sqm	5650.75
	Govt. R&B /SOR - 2023-24 / Ch.no. 14 / Sr.no.63 / item code - 14009CA / 14.32 C1				
30	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (upto 10 ton)	10.00	1045.80	Sqm	10458.00
	Govt. R&B /SOR - 2023-24 / Ch.no. 14 / Sr.no.75 / item code - 14013 / 14.44				
31	Providing and laying Ceramic Flooring tiles 8mm thick 24" x 24" / 24"*48" or selected by engineer incharge in flooring treads of steps and landings laid on a bed of 12mm thick Cement Mortar 1:3 (1-Cement : 3-Coarse Sand) Finished with flush Pointing in white cement.	1.50	935.55	Sqm	1403.33
	Govt. R&B /SOR - 2023-24 / Ch.no. 14 / Sr.no.53 / item code - 14008B / 14.29 B				
32	Providing and laying white glazed tiles 6 mm. Thick 24" x 24" / 24"*48" or selected by engineer incharge in skirting risers of steps and dado on 10 mm. Thick cement plaster 1:3 (1 cement : 3 coarse sand) Finished with flush pointing in white cement	28.00	848.93	Sqm	23770.04
	Govt. R&B /SOR - 2023-24 / Ch.no. 14 / Sr.no.59 / item code - 14009AA / 14.32				
33	providing and fixing water closet squatting pan (indian type w.c pan) size 580 mm (Earth work, bed concret foot rests and trap to be measured and paid for separately) (A) vitreous china (i) long pattern white colour with 100 mm size "p" or "s" trap for water closet squatting pan including joining the trap with the pan and soil in cement mortared 1:1 including pulffin cement mortar 1:3 (1 cement :3 coarse sand) A pair of white vitreous china 250 mm x 130mm x 30mm foot rest for long pettern squatting pan water closet inclu.providing fixing G.I inlet connection for flush pipe with w.c pan	1.00	1382.00	NO	1382.00
	AS PER R.A.				

No	ITEM	QTY	RATE	UNIT	AMOUNT
34	Providing and fixing Pre cast concrete Kerb stone of grey cement based concrete block 30 cm length,30 cm height and 15 cm thick of M250 grade concrete as per approved design and including excavation for fixing in proper line and level, filling the joint with C:M 1:3 (1:cement 3: fine sand) & joint finish with cement slurry to match the surface of kerb stone with necessary excavation etc Complete.shade and pattern as Approved & directed by Architects/engineer in charge. With oil paint	80.00	358.06		28644.80
	Govt. R&B / SOR - 2023-24/ / item code - 14032/ page no.169				
35	Providing,supplying ,laying and planting different kinds of plants/shrubsH/Mahendi/ ground cover (9 nos per sq.mt) as directed by engineer in charge , garden soil required for plants,curing.required FYM (good quality farm yard manure), for flower bed etc.complete at all level,heights as per design and directed by engineer in charge	24.00	475.00	Sqm	11400.00
	AS PER R.A.				
36	Providing and fixing S.W.R. pvc pipe for soil and waste water including necessary fittings like band, door bend, Y, Tee, Cowel, in floor and wall of approved make like ASTRAL, Finolex or Supreme complete. (A) 110 mm.	30.00	384.00	Rmt	11520.00
	AS PER R.A.				
37	Providing and fixing S.W.R. pvc pipe for soil and waste water including necessary fittings like band, door bend, Y, Tee, Cowel, in floor and wall of approved make like ASTRAL, Finolex or Supreme complete. (A) 75 mm.	10.00	281.00	Rmt	2810.00
	AS PER R.A.				
38	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	15.00	71.93	Rmt	1078.95
	Govt. R&B /SOR - 2023-24 / Ch.no. 23 / Sr.no.96 / item code - 23061				
39	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	45.00	90.93	Rmt	4091.85
	Govt. R&B /SOR - 2023-24 / Ch.no. 23 / Sr.no.97 / item code - 23062				
40	Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	24.00	146.65	Rmt	3519.60
	Govt. R&B /SOR - 2023-24 / Ch.no. 23 / Sr.no.99 / item code - 23064				
41	Providing, laying and jointing in true line and level 110 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diameter x 149 mm length x 145 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	29.00	826.88	Rmt	23979.52
	Govt. R&B /SOR - 2023-24 / ch.23/sr.no.102 / item code 23067				

No	ITEM	QTY	RATE	UNIT	AMOUNT
42	Providing and fixing screwdown bib taps of following size (A)Brass screw down bib tap polished bright (A) 15 mm dia.	3.00	184.98	Nos	554.94
	Govt. R&B /SOR 2015-16 / ch.23/Sr.no.61/ item code 23028A1 / 23.92				
43	Providing and fixing gun metal check or non return l valve.@25 mm dia for flushing system	3.00	416.47	Nos	1249.41
	Govt. R&B /SOR - 2023-24 / ch.23/Sr.no.74/ item code 23031C / 23.99				
44	Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same but excluding fittings.(C) Vitreous China Sink. (i) 600mm x 450mm x 150mm size R & B sor p.67 item no 18.23.127) +Providing and fixing C.P. brass waste for washbasin or sink 32mmdia.R & B sor p.68 item no 20.23.135) +Providing and fixing M.I. fisher union for washbasin or sink.R & B sor p.68 item no 21.23.136) with Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap(R & B sor p.67 item no 19.23.130) (A) 32mm dia.	1.00	2945.00	Nos	2945.00
	AS PER R.A.				
45	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including sutting holes and making good the same but excluding fittings (A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour (R & B sor p.67 item no 18.23.127) +Providing and fixing C.P. brass waste for washbasin or sink.(A) 32mmdia.(R & B sor p.68 item no 20.23.135) +Providing and fixing M.I. fisher union for washbasin or sink.R & B sor p.68 item no 21.23.136) with Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap R & B sor p.68 item no 21.23.136) (A) 32mm dia.	1.00	2088.00	Nos	2088.00
	AS PER R.A.				
46	Providing and fixing marble name plate of approved size as directed	1.00	505.00	Nos	505.00
	AS PER MARKET RATE				
47	Supplying,and fixing double cotted PVC water tank of ISI make including delivery at site ,suply and fixing inlet, outlet ,overfloww, ballcock, drainage sleeves of specific size ,with necessary neoprena gasket/packing /washer, G.I washer,and checknut etc.complet as directed on terrace,loft,bath room etc in any height .the rate shall be include for fixing additional accessories supplied by supplier accessories etc completed.	500.00	3.91	Ltr	1955.00
	Govt. R&B /SOR - 2023-24 / ch.22/Sr.no.14/ item code 22014				
48	Providing cement vata (10cm. x 10 cm. size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	51.00	23.45	Rmt	1195.95
	Govt. R&B /SOR - 2023-24 / ch.17/Sr.no.00/ item code 17015				
49	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type. (upto 10 ton)	2.00	1279.40	Nos	2558.80
	Govt. R&B /SOR - 2023-24 / ch.24/Sr.no.21/ item code 24006A / 24.19				
50	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with briocks having croshing strength not less than 35Kg. Cm2 in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line. (upto 10 ton)	1.00	2903.89	Nos	2903.89
	Govt. R&B /SOR - 2023-24 / ch.24/Sr.no.60/ item code 24016AA / 24.44				
51	Water conection with necessary fitting	1.00	1100.00	Job	1100.00
	BMC/ANNUAL RATE / 2022-23 / SCH - B / ITEM NO. 114				

No	ITEM	QTY	RATE	UNIT	AMOUNT
52	Drainage conection with necessary fitting	1.00	1320.00	Job	1320.00
	BMC/ANNUAL RATE / 2022-23 / SCH - B / ITEM NO. 115				
53	Sand filling in sand pit				
	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete (upto 10 ton)	9.00	455.63	Cum	4100.67
	Govt. R&B / SOR - 2021-22/ Ch.no.4 / Sr.no.27/ item code - 4007/ 4.24				
54	salt glazed stonewarepipes				
	Providing and laying (two level or slope and jointing with stiff mixture of cement mortar in propotion 1:1 salt glazed stonewarepipes follwing nominal internal diameter including testing of pipes and joints etc. completed (A) 100 mm. Ø	20.00	209.48	Rmt	4189.60
	Govt. R&B /SOR - 2021-22 / ch.24/Sr.no.1/ item code 24001A / 24.10				
55	PVC 75MM DIA.NANHI TRAP				
	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.	3.00	541.80	Nos	1625.40
	Govt. R&B /SOR - 2021-22 / ch.23/Sr.no.104/ item code 23069				
	<u>ELECTRICAL ITEM</u>				
56	Light / Fan / Bell / Primary Point with 2-1.0 sq.mm. copper wires, in existing pipe with required size metal box with required size metal box	15.00	450.00	Point	6750.00
57	independent PLUG point with 2-1.0 sq.mm.copper wires, in existing pipe	10.00	120.00	Point	1200.00

No	ITEM	QTY	RATE	UNIT	AMOUNT
58	Mains Copper wire in existing pipe erected with 1.50 sq.mm. 2copper earth continuity				
	(b) 2 wire 1.5 sq.mm.	20.00	100.00	Rmt	2000.00
59	MCB signal pole 6A to32 A. Category iii	5.00	150.00	Nos	750.00
60	CFL 15 WATT Light	4.00	200.00	Nos	800.00
61	TUBE LIGHT 40 WATT	2.00	600.00	Nos	1200.00
62	CEILING FAN	2.00	2000.00	Nos	4000.00
63	CEILING FAN REGULATORS	2.00	500.00	Nos	1000.00
64	submersible water pump 1.00 h.p	1.00	10000.00	Nos	10000.00
65	ELECTRIC CONECTION Charges	1.00	5000.00	Job	5000.00
67	Point wiring in Copper (MODULAR TYPE)				
68	Point wiring for Light / Bell with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length , in below type of pipe erected with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed.(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat. III	4.00	449.45	point	1797.80
69	Point wiring for Tissino / Modular secondary light point with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires, in below type of pipe to be erected complete with earth continuity and necessary connection with primary light with accessories erected on Metal / PVC / wooden box covered with 3 mm thick PC(Polycarbonate) / Acrylic sheet for open / concealed wiring. with necessary Lamp holder / ceiling rose / H.D.Connector as directed.(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete	5.00	151.50	point	757.50
70	Point wiring for FAN with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of .ISI marked 1.1 KV Grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected with 6A Modular type switch and hum free EME step type electronic fan regulator mounted and accessories with earth continuity of following type erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected. with necessary ceiling rose / H.D.Connector as directed.(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete CAT-III	2.00	629.23	point	1258.46
71	Point wiring for on board Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate modules erected on / in wall / ceiling with following type accessories CAT-III	1.00	241.39	point	241.39

No	ITEM	QTY	RATE	UNIT	AMOUNT
72	Point wiring for Individual Plug with & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected complete with Modular type switch & 5 pin Plug erected on PVC / Metallic/Wooden box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories.[I] For 6A Plug and 6 a switch with 2-1.5 sq.mm Cu. Wire from nearby switchboard/mcbdb board (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete CAT-III	1.00	473.69	point	473.69
73	Point wiring for Individual Plug with & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected complete with Modular type switch & 5 pin Plug erected on PVC / Metallic/Wooden box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories.[II] For 16A Plug and 16 amp switch with 2-2.5 sq.mm Cu. Wire from mcbdb board. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete CAT-III	5.00	697.91	point	3489.55
74	Supplying under floor pregalvanised corrosion proof rectangular sheet steel cable trunking of 1.6 mm thick having with stand point load up to 1.33 Ton & free from seepage of concrete of screed water with all accessories,JunctionBox,Joints as required and demanded by engineer-incharge and laying/erecting as per OEM guidelines and as per instruction of engineer incharge having following size of dimensions and No of compartments (W x D x T) Cat-III [1] 50mm x 25mm x 1.6 mm with One Compartment	5.00	284.86	point	1424.30
75	Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia of pipes, in approved manner as directed (a)20 mm	25.00	23.23	Rmt	580.75
76	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size ((A) With medium class Rigid PVC pipe and accessories (b) 2 wire 2.5 sq. mm	25.00	78.78	Rmt	1969.50
77	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrandCopper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (B) 2 core 4 Sq. mm.	15.00	207.05	Rmt	3105.75
78	providing and erecting Miniature circuit breaker single pole 6A to 25A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark Cat.III	5.00	112.11	Each	560.55

No	ITEM	QTY	RATE	UNIT	AMOUNT
79	Providing & erecting 240 V MCB double pole switch for lighting Load (B Curve) having 10 KA breaking capacity & conforms to IS : 8828 in existing box having following capacity CAT-III	1.00	278.76	Each	278.76
80	providing and erecting Approved make RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on single phase 240 V,50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (i) 25 Amps.DP CAT-III	1.00	1525.10	Each	1525.10
81	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) suitable for (A) single phase incoming and horizontal single phase outgoing (b) sheet steel double door (IP-43) (iii)8 way	1.00	1152.41	Each	1152.41
82	Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/ aluminium die cast powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 160V to 270V, Power Factor more than 0.95, THD < 15%,CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt ,LED LED driver efficiency > 85 %(fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (A) Tube Light with integral driver (iv) 22-24 Watts, Surge - 2KV,IP-20, conventional 4 feet CAT-III	3.00	373.70	Each	1121.10
83	Supplying and erecting led lamps with following wattage capacity of 220 to 240 voltage, minimum 15000 burning hours life, 500 V in built-surge protection,Polycarbonate diffuser, mounting suitable for E14 / E27 / B22 lamp holders, pf >= 0.5 (A) LED Lamps integral type, with PC diffuser suitable LAMP holder (iii) 10 to 15 watts CAT-III	3.00	188.87	Each	566.61
84	Providing & erecting Approved make Power Saving 50 Watt Ceiling Fan with double ball bearing ISI mark with Condenser 230 volt A.C. 50 Hz 1200 mm sweep complete having 3blades with aluminium blades with , canopy & 30 cm. down rod erected with earthing.(Make shall be approved by Engineer in charge))	2.00	1948.29	Each	3896.58
85	Supplying & erecting fan hook box of 10 mm M.S. round bar bounded to the RCC bars up to 50mm length each side and pierced through a 16 Gauge M.S. box / Heavy Duty PVC box complete erected concealed in Ceiling with necessary finishing.	2.00	108.07	Each	216.14
86	Supplying & erecting approved make low noise decorative exhaust fan having square frame ABS body with inbuilt lowers & square frame.	2.00	1366.53	Each	2733.06

No	ITEM	QTY	RATE	UNIT	AMOUNT
87	Supplying & erecting 5 stage single reverse osmosis water purification system with M.S. powder coated frame, prefilter housing with 'O' ring presediment filter GAC filter, carbon filter suitable buster DC pump capacity 80 psi, mention with 40 psi inline type post carbon filter auto low & high pressure switches with following size of storage tank & LPH capacity & erected as directed [B] 25 Ltr / Hr with 30 Ltr. Storage Tank	1.00	13053.24	Each	13053.24
88	Providing and erecting Annealed bare Copper wire 8 to 16 SWG.	2.00	794.87	Each	1589.74
89	Supplying & erecting earth pit of minimum bore dia.150mm size approved make Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 50mm having 80-200 Micron galvanising, Inner pipe dia of 25 mm having 200- 250 Micron galvanising, connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover.(approved make OEM has to submit test certificate) & having back filling compound of (B) Inner chemical (CCM Compound)- Resistivity:- 0.2 • / meter testing as per IEC 62561-2017, Voltage drop:- < 1 volt at no load & dry form, Sulphar content:- <2%(C) Back fill Compound :- Earthing compound should be capable to retainmoisture for long time Necessary test report must be submitted.(c) For Electrical Installation covering Transformer Neutrals, Lightning arrester Earthing, A.C.Plant& Sensitive Computer System(like Automation, SCADA) i.e independent (b)For Electrical installation up to 11 KV in normal soil. Length of Pipe : 2.00 mtrsBack filling Compound :1 no. Bag of 25 Kg	1.00	5760.03	Each	5760.03
	<u>SMART ELECTRONICS</u>				
90	GTPL Fiber broadband internet connection 80 Mbps 5G connection with 12 months plan	1.00	5445.92	Job	5445.92
91	Interactive Flat Panel Display (Model : IFX654 - IN) with i3 OPS system complete.	1.00	105040.00	Each	105040.00
92	Wireless keyobard and mouse set (HP KM250)	1.00	1008.99	Each	1008.99
	<u>FIRE</u>				
93	Supplying & erecting carbon dioxide (CO2) fire extinguisher user of following capacity with necessary clamps made from 50 x 6 mm M.S. Flat with nut & bolts grouted in wall complete. [A] For 4.5 Kg Capacity	2.00	6591.26	Each	13182.52
94	6 KG ABC FIRE EXTINGUISHER (MAP 50 BASED PORTABLE STORED PRESSURE)	2.00	4397.54	Each	8795.08
	<u>INTERIOR WORK:</u>				
95	WALL PANNELING AND FINISH WORK				
	RUBBER MATE CARPET	25.00	2020.00	Sqm	50500.00

No	ITEM	QTY	RATE	UNIT	AMOUNT
96	Providing and fixing of approved quality RUBBER MATE FLOORING OF 15 MM including all accessories, material, labour etc. complete. (Basic rate of Carpet- 130 rs/sq.ft.)Surface should be Recycled Crumb SBR and the Size of tile should be 500mm x 500 mm x 15mm. Area of use shall be heavy commercial.Durable crumb rubber construction,Excellent shock absorption properties. Reduces wear and tear of your strength equipment and protects floors. Reduces noise and vibrations of drops. Custom colour and thickness will be as per selection with installation , adhesives,Anti-slip performance ≥ 0.30 DS (EN13893) Fire-proof Bfl-S1 (EN13501-1) etc, as per instruction of Architect or Engineer-in charge. BRAND (TOLI,VITOFLOOR,UNITEX,MILLIKEN)				
97	ARTIFICIAL LAWN CARPET Providing & Supplying of 40 mm artificial grass of brand seasonal dekor or as per selection of PE polyethelene material including cantex net below of approved quality including installation and complete as per selection & directed by the Architect and approved by the Engineer in Charge.	5.00	2222.00	Sqm	11110.00

No	ITEM	QTY	RATE	UNIT	AMOUNT
	MDF WALL ART CNC CUTTING				
98	Providing and fixing of 12 mm waterproof mdf of brand century, green panel with material, machine cutting, cnc detail design, labour, and hardware, waste of materials etc and complete the work with color putty finished and if the thickness is required more than 12 +12 sandwich mdf to be used satisfactorily as per instruction of architect or Engineer-in charge.	10.00	2525.00	Sqm	25250.00
	STICKERS FOR WALL				
99	Providing and fixing of 2-D cut vinyl work of brand 3M including all material, machine cutting, labour, and hardware, waste of materials etc and complete the work satisfactorily as per instruction of architect or Engineer-in charge.	20.00	2020.00	Sqm	40400.00
	<u>MODULAR FURNITURE</u>				
	FURNITURE SET OF KIDS CHAIR				
100	Providing and supplying the furniture set with 1 plastic table and 4 plastic chairs with color full color, installation, labour and hardware, polish work as per instructions, waste of materials etc and complete the work satisfactorily as per instruction of architect or Engineer-in charge.	6.00	7070.00	No.	42420.00
	MULTIPLE TOYS AND PUZZLES				
101	Providing and supplying the 4 to 5 numbers of kids games, board games as per requirement per games 850 rs as per selection installation, labour and hardware, as per instructions, waste of materials etc and complete the work satisfactorily as per instruction of architect or Engineer-in charge	6.00	5050.00	No.	30300.00
	STORAGE UNIT WITH LAMINATE FINISH				
102	Providing and Making of Storages (AS PER DRAWINGS) using ply of brand of brand green ply ecotech mr, century sainik mr, archi ply etc, (thickness as specified) / sag wood and finished by 1 mm Laminate outside as per selection of brand green lam, merinolam, formica or 6mm HDF as per drawing, 1mm tk laminate (inside), water pu polish (as shown), drawers, shelves, with profile shutter with glass etc. with all hardware, nylon leveler foot rubber, handles, hinges, locks, magnet and other accessories with all material, installation, labour, lead and wastage, polish work as per instructions etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge. (Basic rate of Inside Laminate : 18 rs./sq.ft. & Outside Laminate : 53 rs./sq.ft.)	4.00	11731.36	Sqm	46925.44
103	Nand Ghar Logo	1.00	3000.00	Job	3000.00
104	painting undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth. on walls shade and pattern as directed by Architect and Authority.	87.00	200.00	Sqm	17400.00
	AS PER R.A.				
105	Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 6 KA and suitable for operation on single phase 240 V. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (ii) 40Amps. DP Cat. III	1.00	2200.00	Ea.	2200.00
	R&B SOR item no. 14019A				
106	Providing and laying brick on edge flooring laid dry grouted with c.m. 1:6 (1 - Cement : 6 - coarse sand) including finishing the joints flush curing etc. complete.	28.00	551.86	sqm.	15452.08

No	ITEM	QTY	RATE	UNIT	AMOUNT
107	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC : SP 63-2018 etc.Complete.	346.00	680.10	sqm.	235314.60
	Govt. R&B / SOR - 2024-25/ ch-14-14033 p-134				
108	Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.	60.00	739.89	sqm.	44393.40
	Govt. R&B / SOR - 2024-25/ ch-14-14035 p-134				
109	Brick bat flooring on Terrace	60.00	670.00	sqm.	40200.00
	Annual Rate Building SOR SCH-A,Item no.35				
110	Granite Slab (18 mm thick) 1 side Polished	46.80	1347.46	sqm.	63061.13
	Govt. R&B / SOR - 2023-24/ SI NO.311,Code no. M253 p-15				
111	JCB SUPPLY ON SITE AS PER REQUIREMENT	43.00	950.00	HRS	40850.00
				Total Rs.	3566378.15
				say Rs.	3566378.00