

BILL OF QUANTITY

FOR GR-

आरा नगर निगम अंतर्गत सम्राट अशोक भवन का निर्माण कार्य।

Estimated Cost :	Rs	16821900.00
Cost of BOQ :	Rs	10000.00
Earnest Money :	Rs	336500.00
Time of Completion :		
Date of Tender :		

BUILDING WORK

Sr.N o.	Ref. No. Of SOR	Item of Work	Quantity	Unit	Rate	Amount
1	2.8.1	Earth work in excavation in foundation trenches or drains(not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m . including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	114.07	cum	360.70	41145.00
2	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	201.94	cum	287.30	58017.00
3	11.72	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I.	625.75	cum	283.30	177275.00
4	4.1.3	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level. 1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)	51.73	cum	3998.10	206822.00
5	20.3	Boring, Providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in M-25 cement concrete, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc. all complete. (Length of pile for payment shall be measured upto to the bottom of pile cap) :				
6	20.3.1	300 mm dia piles	586.26	mtr	2334.40	1368565.00
7	20.3.2	400mm dia piles	14.00	mtr	2691.00	37674.00
8	20.4	Extra over item No. 23.3 for providing additional bulb in under reamed piles, under specified dia meter (Only the quantity of extra bulbs are to be paid).				
9	20.4.1	300 mm dia piles	84.00	each	1621.60	136214.00
10	20.4.2	400 mm dia piles	2.00	each	1784.80	3570.00
11	5.1.1	Providing and laying in position M25 excluding the cost of centring shuttering finishing and reinforcement all works M25 graded stone aggregate 20mm nominal size 1:1:2 (1 cement:1 coarse sand:2 graded stone aggregate 20mm nominal size)	74.57	cum	5961.90	444579.00

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12 8	5.2.1	Providing and laying in position M25 excluding the cost of centring shuttering finishing and reinforcement all words M25 graded stone aggregate 20 mm nominal size 1 : 1 : 2 (1 cement 1 coarse sand : 2 Graded stone aggregate 20 mm nominal size) Plinth above	221.77	cum	6043.50	1639860.00
13 9	11.76	Providing average 150mm thick dry rammed khoa beaten to 112mm(compacted with water) made of well burnt or jhama bricks including ramming properly till compacted thickness is achieved, curing and carriage of water with all leads, making proper slope and blinding the top with cement mortar (1: 10) all complete as per building specification and direction of E/I,	387.03	sqm	388.30	150284.00
14 10	6.1.14A	Brick work with brick of class designation 100 A one in foundation and plinth in cement mortar 1 : 4 (1 cement : 4 coarse sand)	15.72	cum	4819.00	75769.00
15 11	4.11	Providing and laying damp-proof Course 50 mm thick with cement concrete 1:2:4(1cement:2:2 coarse sand :4 graded stone aggregate 20mm nominal size)	66.33	sqm	246.00	16291.00
16 12	4.12	Extra for providing and mixing water proofing material in cement concrete work in the proportion recommended by the manufacturers.	20.31	kg	57.10	1161.00
17 13	6.1.14A + 6.3A	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1:4 (1 cement:4 coarse sand)	58.95	cum	5002.10	333781.00
	(a)	At Ground Floor	33.98	cum	5002.10	192398.00
	(b)	At First Floor				
18 14	6.18.4A+6.19A	Half brick masonry Brick work with fly ash bricks as per IS 12894(2002) & IS 3495 in foundations and plinth in : Cement mortar 1:4 (1 cement:4 coarse sand) Extra for Brick work in superstructure above plinth level upto floor V cum	80.040	sqm	689.00	55148.00
	(a)	At Ground Floor	86.050	sqm	689.00	59288.00
	(b)	At First Floor				
19 15	6.21A	Extra for providing and placing in position 2 nos, 6 mm dia MS bars at every third course of half brick masonry (with F.P.S. Brick)	166.09	sqm	113.60	18868.00
20 16	9.1.2	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrouth framed and fixed in position sal wood.	3.13	cum	95670.70	299449.00
21 17	9.20.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1 st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including stainless steel butt hinges with necessary screws	32.30	sqm	2845.00	91913.00
22 18	9.9.2.1	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. 35 mm thick	51.70	sqm	2455.40	126944.00

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23	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joint with white cement and matching pigments etc., complete. Size of Tile 60x60 cm	410.75	sqm	1638.80	673137.00
24	13.12.4	15 mm cement plaster on rough side of single or half brick wall of mix. 1:6 (1 cement: 6 coarse sand)	555.75	sqm	162.80	90476.00
25	13.11.4	Cement plaster in course sand 12 mm cement plaster of mix: 1:6 (1 cement: 6 coarse sand)	942.58	sqm	141.50	133375.00
26	13.82.2	Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade. New wood work (two or more coats)	234.18	sqm	83.50	19554.00
27	11.37	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness sqm 799.40 to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as white , Ivory , Grey , Fume Red , Brown, laid on 20 mm thick Cement mortar 1:4 (1 cement: 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	36.74	sqm	686.80	25233.00
28	11.38	Providing and laying Ceramic glazed tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such shades except white , Ivory , Grey , Fume Red , Brown , laid on 20 mm thick Cement mortar 1:4 (1 cement: 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	152.87	sqm	862.40	131835.00
29	11.27	Kota stone slabs 20 mm thick in risers of steps skirting Dado & pillars laid on 12 mm (average thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete.	63.61	sqm	1334.90	84913.00
30	9.48.2	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to penings/ wooden frames with rawl plugs screws etc	1638.50	kg	161.10	263962.00
31	10.33.1	Providing and fixing hand rail by welding etc. To steel ladder railings & staircase railing including applying a priming coat of approved steel primer MS tube (medium) 40 mm nominal bore	110.00	kg	121.90	13409.00
32	10.17	Providing and fixing M.S. Fan clamp type 1 of 16 mm dia M.S. Bar bent to shape with hooked ends in R.C.C. Slab during laying including painting the exposed portion of loop all as per standard desing complete.	26.00	each	174.60	4540.00

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29	22.1.2	Providing and laying integral cement based treatment for water proofing on horizontal surfaces at all levels as directed by Engineer-in-charge and consisting of: 1) 1st layer of 20 mm thick approved and specified rough stone slab over a 25 mm thick base of cement mortar 1:3 (1 cement:3 coarse sand) mixed with water proofing compound conforming to IS: 12645 in the recommended proportion. Joints sealed and grouted with cement slurry mixed with water proofing compound conforming to IS: 12645 in proportions recommended by the manufacturer. II) 2nd class layer of 25 mm thick cement mortar 1:3 (1 cement:3 coarse sand) mixed with water proofing compound in recommended proportions. III) Finishing top with stone aggregate of 10 mm to 12 mm nominal size spreading @ 8 cum/sqm thoroughly embedded in the 2nd layer. Using rough red sand stone.	336.37	sqm	1352.40	454907.00
30	12.78.2	Providing and fixing on wall face unplasticised-PVC (working pressure 4 kgf per sqm) rain water pipes conforming to IS: 4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion 110 mm diameter	26.00	M	257.50	6695.00
31	12.80.2	Providing and fixing unplasticised -PVC pipe clip of approved design to unplasticised PVC rain water pipe by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing on cement mortar (1:4) 1 cement: 4 coarse sand and making good the wall etc complete 110 mm	26.00	each	182.72	4751.00
32	12.81	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	4.00	each	47.90	192.00
33	13.24.2	Providing 6 mm cement plaster to ceiling of mix 1 : 4 (1 cement 4 coarse sand)	665.90	sqm	125.60	83637.00
34	13.40A	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	1569.77	sqm	127.90	200774.00
35	13.46.1	Finishing walls with Acrylic Smooth exterior paint of Required Shade New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10sqm	1569.77	sqm	137.00	215058.00
36	13.79.1	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade. New Work (three or more coat)	594.47	sqm	81.20	48271.00
37	13.82.1	Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade: New steel work (two or more coats)	62.09	sqm	83.50	5185.00
38	13.81.3	Applying priming coat: With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanized iron/steel works	8.17	sqm	34.60	283.00

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43	5.22	Reinforcement for R.C.C. Work including straightening cutting, bending placing in posting and binding all complete.				
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44	5.22.1 B	6mm dia round Mild steel bar	1870.00	KG	96.70	180829.00
45	5.22.7 A	8 mm T.M.T. Bar	7510.00	KG	94.50	709695.00
46	5.22.7B	10 mm T.M.T. Bar	5630.00	KG	92.60	521338.00
47	5.22.7 C	12 mm T.M.T. Bar	7510.00	KG	90.80	681908.00
48	5.22.7 D	16 mm T.M.T. Bar	5630.00	KG	91.70	516271.00
49	5.22.7 E	20 mm T.M.T. Bar	5630.00	KG	91.70	516271.00
50	5.22.7 F	25 mm T.M.T. Bar	3760.00	KG	91.70	344792.00
51	5.9.1	Centring and shuttering including strutting,propping etc. and removal of form for. Foundations, footings, bases of columns etc. for mass concrete Pipe cap 1:2 : 4)	179.94	sqm	211.60	38075.00
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52	5.9.3	Suspended floors, roots, landings, balconies and access platform.	686.88	sqm	437.50	300510.00
53	5.9.5	Lintels beams blinth beam grinders bressumers and cantilevers	752.99	sqm	404.70	306759.00
54	5.9.6	Columns pillars piprs abutments posts and sturs shuttering for column	410.22	sqm	494.40	202813.00
55	5.9.7	Stairs,(excluding landings) except spiral-staircases.	60.20	sqm	439.90	26482.00
56	9.96.1	Providing and fixing aluminium sliding door bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete: 360 x 16 mm	46.00	Each	235.50	10833.00
57	9.100.1	Providing and fixing aluminium handles, ISI marked, anodised (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete: 125 mm	65.00	Each	57.10	3712.00
58	9.99	Providing and fixing 50 cm long aluminium kicking plate of size 100x3.15 mm, anodised (anodic coating not less than grade AC 10 as per IS :1868), transparent or dyed to required colour or shade, with necessary screws etc. complete.	19.00	Each	207.10	3935.00
59	9.101.1	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Single rubber stopper	19.00	Each	34.00	646.00
60	9.103	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles of approved quality with necessary screws etc. complete .	8.00	Each	655.40	5243.00
61	9.83	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	19.00	Each	979.50	18611.00

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62	9.104	Providing and fixing aluminium tee channels (heavy duty) with rollers & top end in pelmets as curtain rod.	37.00	Each	139.70	5169.00
63	9.85	Providing and fixing bright finished brass casement window fastener with necessary screws etc. complete.	54.00	Each	71.30	3850.00
64		Carriage of Materials				
(i)		Local sand	211.33	cum	310.47	65612.00
(ii)		Bricks 100 A	83243.88	per th	919.21	76519.00
(iii)		Stone Chips	368.82	cum	2407.82	888062.00
(iv)		Coarse Sand	267.53	cum	655.07	175251.00
65		Diffrence Cost of Materials				
(i)		Bricks 100 A	83243.88	Per th	270.58	22524.00
		Cement (PSG)	260.31	MT	355.44	92785.00
		TOTAL				13613687.00
		ADD 5.36% GST				729693.62
66		SEIGNIORAGE FEE(10%)				
		Bricks	83243.88	per th	506.00	42121.40
		Local sand	211.33	cum	14.18	2996.66
		Coarse Sand	267.53	cum	17.58	4703.23
		Stone Chips	368.82	cum	59.54	21959.83
					Total Rs	14415161.75

ELECTRIFICATION WORK

67	1.1.3	Point wiring in PVC conduit, with piano type switch wiring for light point for point, exhaust fan point call be point with 1.5 sqm mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit with piano type switch phenolic laminated shee, suitable size PVC/G.I. box etc. as required all complete as per secification and direction of E/I Group - c	128.00	each	1120.00	143360.00
68	1.7.9	Circuit/ submain wiring in PVC conduit wiring for circuit/ submajn wiring along with earth wire with following sizes PVC. Insulated aluminium conductor, single core cable in surface/ recessed PVC conduit as required all complete as per specification and direction of E/I 4 x 2.5 sqm + 1 x 2.5 sqm earth wire.	205.00	M	348.00	71340.00
69	1.7.11	Circuit/ submain wiring in PVC conduit wiring for circuit/ submajn wiring along with earth wire with following sizes PVC. Insulated aluminium conductor, single core cable in surface/ recessed PVC conduit as required all complete as per specification and direction of E/I 4 x 6.0 sqm + 1 x 6.0 sqm earth wire.	32.00	M	660.00	21120.00
70	1.7.12	Circuit/ submain wiring in PVC conduit wiring for circuit/ submajn wiring along with earth wire with the following sizes PVC. Insulated copper conductor, single core cable in surface/ recessed PVC conduit as required as per specification and and direction of E/I. 4 x 10.0 sq.mm + 1 x 6.0 sq.mm earth wire.	64.00	M	925.00	59200.00

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72 60	1.7.3	Circuit / Submain wiring in PVC conduit Wiring for circuit / submain wiring along with earth wire with the following sizes PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required as per specification and direction of E/I. 2 x 40 sq.mm + 1 x 4.0 sq.mm earth wire.	305.00	M	309.00	94245.00
72 61	1.33	S/F Ceiling rose : Supply and fitting 2 pin 5 amp Ceiling rose on the existing junction box / PVC box including connection etc. As required all complete as per specification and direction of E/I.	16.00	Each	64.00	1024.00
73 62	1.33	S/F Ceiling rose : Supply and fitting 2 pin 5 amp Ceiling rose on the existing junction box / PVC box including connection etc. As required all complete as per specification and direction of E/I.	84.00	Each	64.00	5376.00
74 63	1.34	S/F Batten holder : Supplying and fixing batten/ angle holder including connection etc. As required all complete as per specification and direction of E/I.	23.00	Each	80.00	1840.00
75 64	1.30	Supplying and fixing metal/ PVC box of 180 mm x 100 mm x 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin, 5/6 amps socket outlet and 15/16 amps piano type switch, connections painting etc. all required all complete as per specification and direction of E/I.	15.00	Each	424.00	6360.00
76 65	1.32	S/F power plug pint with piano type accessories : Supplying and fixing suitable size G.I box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin, 15/16 amps socket outlet and 15/16 amps piano type switch connection painting etc. all required all complete as per specification all direction of E/I.	2.00	Each	531.00	1062.00
77 66	1.25	S/F Modular type electronic fan regulator : Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connection but excluding modular plate etc as required as per specification and direction of E/I.	37.00	Each	358.00	13246.00
78 67	1.44	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required	18.00	Each	135.00	2430.00
79 68	2.10.1	S/F Vertical type TP MCB DB : Supplying and fixing following way three pole and neutral, sheet steel, MCB distribution board 415 volts, on surface/ recess complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, interconnection phosphatized and power painted including earthing etc. as required (BUt without MCB/ RCCB/ Isolator) all complete as per specification and direction of E.I. 4 way (4 + 12) double door, vertical type,	3.00	Each	7857.00	23571.00

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80 69	2.9.1	S/F TP MCB DB : Supplying and fixing following way, three pole and neutral, sheet steel, MCB distribution board 415 volts on surface/ recess complete with tinned copper busbar, neutral busbar, earth bar din bar detachable gland plats interconnection phosphatized & power painted including earthing etc. as required (But without MCB RCCB / Isolator) all complete as per specification and direction of E/I 4 way (4 + 12) double doore, horzonatal type.	4.00 ✓	Each	4184.00 ✓	16736.00 ✓
81 70	2.12.8	S/F 'C' series SP MCB : Supplying and fixing following ratin 240 volts, 'C' series, miniature circuit breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections testing and commissioning etc. As required all complete as per specification and direction of E/I 50/63 amps TPN. 40 A to 63 A	4.00 ✓	Each	2329.00 ✓	9316.00 ✓
82 71	2.15.1	S/F DP MCB isolator : Supplying and fixing following rating double pole. 240 volts isolator in the existing MCB DB complete with connection testing and commissioning etc. As required as per specification and direction of E/I. 40 amps.	10.00 ✓	Each	429.00 ✓	4290.00 ✓
83 72	2.35.2	S/F porcelain fuse unit : Providing and fixing flollowing capacity porcelain fuse link complete. Rewireable type 240/415 volts including drilling holes in board making connection as required ad per specification and direction of E/I. 32 amps 240 volt.	34.00 ✓	Each	316.00 ✓	10744.00 ✓
84 73	2.5.5	S/F Busbar chamber : Providing and fixing following capacity busbar chamber with 4 stricps of suitalbe size made of copper, heavy duty, complete with all accessories including connection earthing the body etc. As required all complete as per specification and direction of E/I. 400 amps.	1.00 ✓	Each	19048.00 ✓	19048.00 ✓
85 74	2.5.3	S/F Busbar chamber : Providing and fixing following capacity busbar chamber with 4 stricps of suitalbe size made of copper, heavy duty, complete with all accessories including connection earthing the body etc. As required all complete as per specification and direction of E/I. 200 amps.	3.00 ✓	Each	10550.00 ✓	31650.00 ✓
86 75	2.4.4	S/F MCCB in cubicle panel board : Providing and fixing follwoing reating and copacity four pole MCCB in existing panel board. Including drilling holes in cubicla panel maleinrg connection etc. As required all complete as per specification and direction of E/I. 200 amps 36 KA	3.00 ✓	Each	16190.00 ✓	48570.00 ✓
87 76	2.7.1	S/F ON - load / panel mounted changeover : Providing and fixing following capacity 4 pole ON - load/ panel mounted change voer switches in existing cubicle panel board, making connection earthing the body etc. As required all complete as per specification and direction of E/I 40 amps 4 pole.	1.00 ✓	Each	7135.00 ✓	7135.00 ✓

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88	2.2.3	S/F Panel mounted TP & N in cubicle panel board : Providing and fixing following capacity TP & N disconnector fuse switch unit inside the existing cubicle panel board, with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, etc, as required all complete as per specification and direction of E/I. 200 amps TP & N	3.00	Each	10246.00	30738.00
89	2.20	P/F M.V. Danger notice plate : Providing and fixing M.V. Danger notice plate of 200 mm x 150 mm made of mild steel at least 2 mm thick and vitreous enamelled white on both sides, and with inscription in single red colour of front side etc. As required all complete as per specification and direction of E/I.	1.00	Each	214.00	214.00
90	8.11	Supplying and fixing wall / floor mounted cubical panel board fabricated with 16 guage iron sheet, suitable for panel mounted switch disconnector, including bus- bar chamber insulator and painting etc. Required (but without busbar copper strip) as per specification and direction of E/I.	34.00	sq. ft.	1809.00	61506.00
91	2.1.1	S/F rewirable double pole / TP & N switch disconnector : Providing and fixing following capacity double pole / TP & N sheet metal switch disconnector fuse unit in existing metal board with rewirable type fuses, including drilling holes in metal board, making connections etc. as required all complete as per specification and direction of E/I. 16 amps double pole.	1.00	Each	978.00	978.00
92	2.1.2	S/F rewirable double pole / TP & N switch disconnector : Providing and fixing following capacity double pole / TP & N sheet metal switch disconnector fuse unit in existing metal board with rewirable type fuses, including drilling holes in metal board, making connections etc. as required all complete as per specification and direction of E/I. 32 amps. double pole.	1.00	Each	1946.00	1946.00
93	7.7.13	Supply of following sizes and core PVC/XLPE insulated, PVC sheathed (heavy duty) armoured electrical power cable with aluminium conductor for working voltage upto 1.1 KV as required. 150 sq.mm 3.5 core	32.00	M	1373.00	43936.00
94	7.7.14	Supply of following sizes and core PVC/XLPE insulated, PVC sheathed (heavy duty) armoured electrical power cable with aluminium conductor for working voltage upto 1.1 KV as required. 185 sq.mm 3.5 core	42.00	M	1763.00	74046.00
95	3.1	G.I. Earth pipe electrode with salt/ charcoal : Earthing with G.I. Earth pipe 4.5 mtr long. 40 mm dia including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. With charcoal and salt etc. as required all complete as per specification and direction of E/I.	1.00	Each	5033.00	5033.00

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96	3.3	G.I. Earth plate electrode : Earthing with G.I. Earth plate 600 mm x 600 mm x 6 mm thick including accessories and providing masonry enclosure with over plate having locking arrangement and watering pipe etc. as required (But without charcoal or cole and salt) all complete as per specification and direction of E/I.	1.00	Each	5578.00	5578.00
97	3.10	P/F 25 mm x 5 mm copper strip in pipe : Providing and fixing 25 mm x 5 mm copper stric in 40 mm dia G.I. Pipe from earth electrode as required all complete as per specification and direction of E/I.	2.00	Each	1628.00	3256.00
98	2.17.1	S/F SPN RCCB : Supplying and fixing following rating double pole, (single phase and neutral) 240 volts, residual current circut breaker (RCCB) having a sensitivity current upto 30 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required all complete as per specification and direction of E/I. 25 amps.	1.00	Each	2131.00	2131.00
99	3.19	P/F 4 mm copper loop earthing wire in surface/ recess : Providing and fixtting 4.00 mm dia copper wire on surface or in recess for loop earthing as required all complete as per specification and direction of E/I.	5.00	M	122.00	610.00
100	4.4	Jointing copper / G/I. Type (with another coper / Gl. Tape. Base of the finial or any other metallic object) by reverting / nut bolting sweating and soldering etc. As required all complete as per specification and direction of E/I.	16.00	M	81.00	1296.00
101	1911 Basic code elect.	Supplying G.I pipe (32 mm dia) medium class G.I. Pipe for ranging lighting luminaire and ceiling fand etc. As required as per specification and direction of E/I. Rate with GST &CPOH	45.00	M	334.80	15066.00
102	1.44	ITC Ceiling fan : Installation testing and commissioning of ceiling fan, includind wiring the down rods of standard length (upto 30cm) with 1.5 sq. Mm FR PVC insulated copper conductor single cable etc. As reqed all complete as per specification and direction of E/I.	34.00	Each	135.00	4590.00
103	1.50.1	ITC exhaust fan upto 450 mm sweep : Installation of exhaust fan upto 450 mm sweep in the existing opening including including making the hole to suit the size of the above fan making good the damage connection testing commissioning etc. As required as per specification and direction E/I.	6.00	Each	296.00	1776.00
104	1.49	Numbering of fan/ fittings Numbering of ceiling fan/ exhaust / fan / fluorecent fittings as required as per specification and direction of E/I.	56.00	Each	38.00	2128.00
105	8.17.1	300 mm sweep A.C. Exhaust fan / freashair fan of Model Ventil ir DS Havels make Equivalent etc. All complete as per specification and direction of E/I.	6.00	Each	2572.00	15432.00
106	8.15	Supply and installation of regular/standard model A.C ceiling fan of 1200mm sweep including wiring the down rod of standard length (upto 30 cm) with 1.5 sq mm FR PVC insulated copper conductor etc as required	27.00	Each	2482.00	67014.00

Raj



107	8.15	Supply and installation of regular/standard model A.C ceiling fan of 1200mm sweep including wiring the down rod of standard length (upto 30 cm) with 1.5 sq mm FR PVC insulated copper conductor etc as required	15.00	Each	2482.00	37230.00
108	6.1.7	S/F Following type lamp : Supplying and fixing following type lamp in existing electrical fitting / fixtures etc. As required as per specification and direction of E/I 20 watt LED lamp.	7.00	Each	267.00	1869.00
109	6.4.1	S/F following way rewirable type D.B. : Providing and fixing following way sigle pole porcelain rewirable type 16 amps per way 240 volts. On surface/ recessed, on suitable size PVC / G.I box with phenolic laminated sheet complete with porcelain fuse link nterconnection and earthing the body etc. as required as per specification and direction of E/I. 2 way.	13.00	Each	344.00	4472.00
110	5.2	Supplying and fixing 2'X9 watt LED batten with minimum efficacy 100 lm/w in polycarbonate housing and complete with integrated electronic driver etc directly on wall/ ceiling including connections with 1.5 sq.mm FRLS PVC insulatedcopper conductor etc. as required.	39.00	Each	492.00	19188.00
111	5.9	Supplying and fixing recess mounted 36 watt LED flatpanel (2' X 2') with minimum efficacy 100 lm/w which provides soft light and glare free symmetrical illuminationsuitable for armstrong/grid ceiling and integrated electronic driver etc directly on false ceiling including connectionswith 1.5 sq.mm FRLS PVC insulated copper conductor cable etc as required..	8.00	Each	2663.00	21304.00
112	6.1.7	S/F flollowing type lamp : Supplying and fixing following type lamp in existing electrical fitting / fixtures etc. As required as per specification and direction of E/I. 20 watt LED lamp	15.00	Each	267.00	4005.00
113	6.1.7	S/F flollowing type lamp : Supplying and fixing following type lamp in existing electrical fitting / fixtures etc. As required as per specification and direction of E/I. 20 watt LED lamp	20.00	Each	267.00	5340.00
114	5.14.2	Supplying and fixing 40/45 watt LED street light due cast aluminium housing for ingress protection of IP66 and complete with all asscessories etc. On pole/ building including connection with FR insulated copper conductor cable and earthing the body etc. as per required as per specification and direction of E/I.	4.00	Each	3382.00	13528.00
					Total Rs	1035873
WATER SUPPLY WORK						

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115	17.1.1	Providing and fixing water closet squatting pan (Indian type W.C. Pan) with 100 mm sand cast iron P or S trap, 10 litre low level white PVC flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231 with all fitting and fixtures complete including cutting and making good the walls and floors wherever required white vitreous china orissa pattern W.C. pan of size 580 x 440 mm with integral type foot rests etc. complete job as per building specifications and direction of E/I.	10.00	Each	4470.90	44709.00
116	17.1.2	Providing and fixing water closet squatting pan (Indian type W.C. Pan) with 100 mm sand cast iron P or S trap, 10 litre low level white PVC flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231 with all fitting 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 582 x 480 mm with flush pipe and intergrated pype foot rests etc. complete job as per building specification and direction of E/I.	51.00	Each	8765.60	447046.00
117	17.4.2	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430 x 240 x 350 mm and 340 x 410 x 265 mm sizes respectively with automatic flushing cistern with standrad flush pipe and C.P. Brass spreaders with brass union and G.I clamps complete. including painting of fittings and brackets, cutting and making good the walls and floors wherever required : Range of Two urinal basins with 5 litre white PVC automatic flushing cistern etc. all complete as per specification and direction of E/I.	10.00	Each	5733.30	57333.00
118	17.6.1	Providing and fixing one piece constrution white vitreous china squatting plate with an integral longitudinal fiushing pipe white PVC automatic flushing cistern, with fittings standard size G.I. / PVC flush pipe for back and front flush with standrd spreader pipes with fittings G.I. clamps and C.P. brass coupling complete including painting of fittings and cutting and making good the walls and floors etc. wherever required : Single squatting plate with 5 liter PVC automatic flushing cistern etc. all complete job as per specification and direction of E/I.	9.00	Each	5167.30	46506.00
119	17.7.3	Providing and fixing wsh basin with C.I. Brackets 15 mm C.P. Brass pillar taps 32 mm C.P. Brass waste of standard pattern, including painting of fittings and brackets cutting and making good the walls wherever require : White Vitreous China Wash basin size 550 x 400 mm with a pair of 15 mm C.P. brass paillar taps etc. all complets as per specifications and direction of E/I.	6.00	Each	2530.30	15182.00

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120 ✓ 100	17.22	Providing and fixing G.I. Intel connection for flush pipe connecting with W.C. Pan etc. All complete as per specification and direction of E/I.	10.00	Each	131.60	1316.00
121 ✓ 110	17.33	Providing and fixing 600 x 120 x 5 mm glass shelf with edges round off supported on anodised aluminium angle frame with C.P. Brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc. All complete job as per specification and direction of E/I.	3.00	Each	713.30	2140.00
122 ✓ 111	17.32.3 ✓ 450	Providing and fixing mirror of required shape and size with plastic molded frame of approved make and shade with 6 mm thick hard board backing Oval shape 45 x 350 mm (iouter dimensions) etc. All complete job as per specification and direction of E/I.	2.00	Each	855.40	1711.00
123 ✓ 112	17.32.4	Providing and fixing mirror of required shape and size with plastic molded frame of approved make and shade with 6 mm thick hard board backing Rectangular shape 1500 x 450 mm etc. all complete job as per specification and direction of E/I.	2.00	Each	1515.20	3030.00
124 ✓ 113	17.28.1.2	Providing and fixing PVC waste pipe for sink or wash basin including PVC waste fittings semi rigid pipe 40 mm dia etc. Complete job as per building specification and direction of E/I.	6.00	Each	101.70	610.00
125 ✓ 114	17.61.1	Cutting chases in brick masonry walls for following diameter sand cast iron / centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 12.5 mm nominal size) including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand) : 100 mm dia.	7.00	M	329.60	2307.00
126 ✓ 115	17.69.2	Providing and fixing PTMT waste coupling for wash basin and sink of approved quality and colour Waste coupling 38mm dia of 83 mm length and 77 mm breadth, weighing not less than 60 gms etc. All complete as per specification and direction of E/I.	6.00	Each	109.70	658.00
127 ✓ 116	17.71	Providing and fixing PTMT liquid soap container 109 mm wide 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour weighing not less than 105 gms etc. All complete job as per specification and direction of E/I.	10.00	Each	146.30	1463.00
128 ✓ 117	17.72	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long 200 mm wide with a minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality, colour and make weighting not less than 88 gms etc. All complete job as per specification and direction fo E/I.	10.00	Each	204.70	2047.00

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Raj



129	17.73.2	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass cerews with concealed fitting arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88mm weighing not less than 190 gms.	3.00	M	424.00	1272.00
130	17.75	Providing and fixing PTMT 15 mm Urinal spreader size 95 x 69 x 100 mm with 1/2" BSP thread and shapes as per BIS specification weighting not less than 60 gms etc. All complete job as per specification and direction of E/I.	10.00	M	92.80	928.00
131	12.78.1	Providing and fixing on wall face unplasticised PVC (working pressure 4 kg per sqcm) rain water pipes conforming IS 4985 including jointing with seal ring conforming to IS : 5352 leaving 10 mm gap for thermal expansion. 75 mm diameter all complete as per building specifications and direction of E/I.	100.00	M	162.70	16270.00
132	12.79.1.2	Providing and fixing on wall face unplasticised PVC moulded fittings / accessories for unplasticised PVC rain water pipes conforming to IS 4952 including jointing with seal ring conforming to IS : 5352 leaving 10 mm gap for thermal expansion Couplet 110 mm all complete as per building specifications and direction of E/I.	17.00	Each	120.00	2040.00
133	12.79.2.2	Providing and fixing on wall face unplasticised PVC moulded fittings / accessories for unplasticised PVC rain water pipes conforming to IS 4952 including jointing with seal ring conforming to IS : 5352 leaving 10 mm gap for thermal expansion Single pushfit couplet 110 mm all complete as per building specifications and direction of E/I.	7.00	Each	374.60	2622.00
134	12.79.3.2	Providing and fixing on wall face unplasticised PVC moulded fittings/ accessories for unplasticised PVC rain water pipes conforming to IS : 4985 including jointing with seal ring conforming to IS 5382 leaving 10 mm gap for thermal expansion Single tee with door 110 x 110 x 110 mm all complete as per building specification and direction of E/I.	10.00	Each	193.40	1934.00
135	12.79.4.2	Providing and fixing on wall face unplasticised PVC moulded fittings/ accessories for unplasticised PVC rain water pipes conforming to IS : 4985 including jointing with seal ring conforming to IS 5382 leaving 10 mm gap for thermal expansion Single tee with door 110 x 110 x 110 mm all complete as per building specification and direction of E/I.	7.00	Each	190.70	1335.00

Raj

137	12.79.5.2	Providing and fixing on wall face unplasticised PVC moulded fittings/ accessories for unplasticised PVC rain water pipes conforming to IS : 4985 including jointing with seal ring conforming to IS 5382 leaving 10 mm gap for thermal expansion Band 87.5 110 mm all complete as per building specification and direction of E/I.	30.00	Each	132.00	3960.00
138	12.79.6.2	Providing and fixing on wall face unplasticised PVC moulded fittings/ accessories for unplasticised PVC rain water pipes conforming to IS : 4985 including jointing with seal ring conforming to IS 5382 leaving 10 mm gap for thermal expansion Shoe Plain 110 mm all complete as per building specification and direction of E/I.	14.00	Each	115.95	1623.00
139	12.80.2	Providing and fixing unplasticised PVC pipe clip of approved design to unplasticised PVC pipe clip of approved design to unplasticised PVC rain water pipe by means of 50 x 50 mm hard wood plugs screwed with M.S. Screws of required length including sutting brick work and fixing on cement mortar (1:4) 1 cement : 4 coarse sand and making good the wall etc. 110 mm all complete as per building specifications and direction of E/I.	25.00	Each	182.72	4568.00
140	19.6.3	Providing and laying non-pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1 : 2 (1 cement : 2 fine sand) including testing of joints etc. Complete 250 mm dia RCC pipe etc. All complete as per building specification and direction of E/I.	50.00	M	677.40	33870.00
141	18.12.3	Providing and fixing G.I. Pipes complete with G.I. Fittings including trenching and refilling etc. Complete job as per building specification and direction of E/I. External work 25 mm dia nominal bore.	58.00	M	342.00	19836.00
142	18.12.4	Providing and fixing G.I. Pipes complete with G.I. Fittings including trenching and refilling etc. Complete job as per building specification and direction of E/I. External work 32 mm dia nominal bore.	17.00	M	381.70	6489.00
143	18.2.1	Providing and fixing polyethelene Aluminium polythelene (PE-AL-PE) Composite Pressure Pipes Conforming to IS - 15450 U.V. Stabilized with carbon black thermal stability for hot & cold water supply, capable to withstand temperature up to 800 c including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc. with clamps. at 1.00 metre spacing This includes the costs of cutting chases and including testing of joints complete as per direction of the engineer in charge. Concealed work including cutting chases and making goo the wall etc. 1216 (16mm OD) pipe.	69.45	M	350.80	24363.00

Raj

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132	18.13.1	Making connection of G.I. Distribution branch with G.I. Main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. Complete job as per building specification and direction of E/I. 25 to 40 mm nominal bore.	17.00	Each	446.70	7594.00
133	18.21.2.1	Providing and fixing uplasticised PVC connection pipe with brass unions 45 cm length 15 mm nominal bore 20 mm nominal bore etc. All complete as per building specification and direction E/I.	12.00	Each	85.20	1022.00
134	18.50.1	Providing and fixing C.P. Brass long nose bib cock of approved quality conforming to IS standars and weighing not less than 810 gms. 15 mm nominal bore etc. All complete as per building specification and direction of E/I.	10.00	Each	715.10	7151.00
135	18.52.1	Providing and fixing C.P. Brass Stop cock of (concealed) of standard design and of approved make conforming to IS 8931 . 15 mm nominal bore etc. all complete as per building specification and direction of E/I.	12.00	Each	594.20 594.80	7130.00 7138.00
136	18.56.2	Providing and fixing PTMT pillar cock of approved quality and colour. 15 mm nominal bore 125 mm long foam flow weighing not less than 120 gms etc. All complete as per building specification and direction of E/I.	10.00	Each	194.20	1942.00
137	18.58.1.2	Providing and fixing PTMT grating of approved quality and colour. Circular type 125 mm nominal dia with 25 mm waste hole. Etc. All complete as per building specifications and direction of E/I.	10.00	Each	45.20	452.00
138	18.18.2	Providing and fixing ball valve (brass) of approved quality high or low pressor, with plastic float : 20 mm nominal bore etc. All comoplete job as per technical specifications and direction of E/I.	6.00	Each	397.40	2384.00
139	18.48.	Providing and placing on terrace (at all floor levels polyethylene water storage tank ISI : 12701" marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fitngs and the base support for thnk etc. all complete as per building specifications and direction of E/I.	3000.00	Litre	9.70	29100.00
140	18.38.3	Painting G.I. Pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat both of approved quality for new work 25 mm diameter pipe etc. All complete as per building specifications and direction of E/I.	60.00	m	18.40	1104.00
141	18.38.4	Painting G.I. Pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat both of approved quality for new work 32 mm diameter pipe etc. All complete as per building specifications and direction of E/I.	16.00	M	21.60	346.00

Raj

152	12.15.6	Providing and fixing asbestos cement roofing accessories with galvanicse iron J or L hooks, bolts and nuts and G.L. Seam bolts and nuts, G.I. Plain and bitumen washer Ridge finials etc. All complete as per building specification and direction of E/I.	35.00	Pair	155.20	5432.00
154	9.104	Providing and fixing aluminium tee channels (heavy duty) with rollers & stop end in pelmets as curtain rod as per building specification and direction of E/I.	250.00	M	139.70	34925.00
155	10.1	Structural steel work in singla section fixed without connecting plate including cutting, hoisting fixing in position and applying a priming coat aproved steel primer all complete as per building specifications and direction of E/I.	1011.00	Kg.	88.30	89271.00
156	9.125	Providing and fixing PVC rigid foam sheet 1 mm thick on existing door shoutters (bathroom and W.C. Doors.) using synthetic rubber based adhesive as per building specifications and direction of E/I.	8.00	sqm	856.70	6854.00
157	8745	Supplying of 65 mm x 55 mm x 2 mm thick Factory made door frame of PVC extruded section in white grey or wooden finish all complete as per approved specification and direction of E/I. (Rate with GST & CPOH)	74.25	M	364.00	27027.00
158	17.10.1.1	Providing and fixing stainless steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. Brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required Kitchen sink with drain board : 510 x1040 mm bowl depth 250 mm etc. all complete as per specifications and direction of E/I.	1.00	Each	5231.50	5232.00
					Total Rs	974142.00
					add gst 5.36%	52214.01
					Total Rs	1026356.01

Tube Well/Boring

159	24.1.1.1	Boring/drilling bore well of required dia for casing/strainerpipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, upto 90 metre depth below ground level. 300 mm dia	65	M	486.80	31642.00
160	24.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.				
161	24.3.1	100 mm nominal size dia	20	M	546.10	10922.00
162	24.3.5	75 mm nominal size dia	30	M	414.40	12432.00

Raj



151	24.4.5	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. 75 mm nominal size dia	10	M	482.10	4821.00
164	24.8	Gravel packing in tubewell construction in accordance	4.26	cum	1343.20	5722.00
165	24.13.1	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of: 100 mm dia	1	Each	189.7	189.00
166	24.14.1	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete. 100 mm clamp	1	Each	1448.4	1448.00
167	24.15.1	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I). 100 mm dia	1	Each	228.3	228.00
168	24.12	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	6	Hours	916.80	5501.00
TOTAL						72905.00
add gst 5.36%						3907.71
TOTAL						76812.71
SEPTIC TANK						
169	2.8.1	Earthwork in excavation in areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom, lift upto 1.5 including getting out the excavated soil and disposal of surplus soil as directed within a lead of 50m. All Kind of soil.				
170	2.28	(i) Septic tank	31.89	cum	360.70	11,502.72
170	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	1.02	cum	287.30	293.05

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11.72		Providing designation 100A one brick flat soling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/I.	13.57	sq m	283.30	3,844.38
172 159	4.1.5	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work upto plinth level 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	2.71	cum	3,434.00	9,306.14
173 160	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work upto plinth level 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	0.27	cum	3,998.10	1,079.49
174 161	6.1A + 6.1.12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 : 4 (1 cement : 4 coarse sand)	6.06	cum	5,017.90	30,408.47
		(i) Long wall	2.06	cum	5,017.90	10,336.87
		(ii) Short Wall	0.26	cum	5,017.90	1,304.65
		(iv) Partition wall	0.37	cum	5,017.90	1,856.62
175 162	13.17.1 + 13.26 + 13.36.1	12 mm cement Plaster 1:3 (1 cement : 3 coarse sand) with a floating coat of neat cement & Extra for providing and mixing water proofing material in proportion recommended by the manufacturers: 12 mm cement plaster 1:3 (1 cement : 3 sand)	23.14	sq m	253.10	5,856.73
			21.36	sq m	253.10	5,406.22
			8.32	sq m	253.10	2,105.79
				sq m	253.10	
			4.68	sq m	268.10	1,254.71
176 163	13.13.1 + 13.26 + 13.36.5	20 mm cement Plaster 1:3 (1 cement : 3 coarse sand) with a floating coat of neat cement & neat cement punning	11.97	sq m	268.10	3,209.16
177 164	5.1.3	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-All work upto plinth level 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)				
		(i) Roof cover slab of septic tank	0.90	cum	4,232.40	3,809.16
		(ii) Rcc Beam in septic tank	0.03	cum	4,232.40	126.97
178 165	5.22.7A	(i) Steel 8mm in R.C.C.	93.00	Kg	94.50	8,788.50
	A	BRICKS	4760	P/TH	270.58	1287.988172
	B	CEMENT	2.45	MT	356.44	873.278
179 166		CARRIAGE OF MATERIAL	4760	P/TH	919.21	4375.532587
	A	BRICKS	1.22	CUM	310.47	378.77
	B	local sand				

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		5.54	CUM	655.07	3629.08
	coarse sand	3.56	CUM	2407.82	8571.935513
	stone chips			TOTAL	119,606.00
			ADD GST	5.36%	6,410.88
	SEIGNIORAGE FEE	4760	P/TH	506.00	2408.611187
A	BRICKS	1.22	CUM	14.18	17.34881179
B	LOCAL SAND	5.54	CUM	17.58	97.34533845
C	COARSE SAND	3.56	CUM	59.54	211.9647816
D	STONE CHIPS		TOTAL		128,752.15
					5,530.00
		1	each	5530	
168	sign board				

1	BUILDING WORK	14415161.75
2	ELECTRIFICATION	1035873
3	WATER SUPPLY	1026356.01
4	BORING	76812.71
5	SEPTIC TANK	128,752.15
6	SIGN BOARD	5,530.00

	SUB TOTAL	16688485.62
	TOTAL	1334424281
	CONTINGENCY 1% (upto 1 cr) + 0.5% (above 1 cr)	
	TOTAL	16821928.05
	SAY	16821928.00
		1,66,88,486.00

Rajnish Kumar
20/06/2025
J.E.

Chaudhary
20.6.25
सहायक अभियंता (असावेक)
नगर विकास प्रमण्डल
भोजपुर, आरा

21/6/2025
Executive Engineer
Urban Development Division
Bhojpur, Ara

BOQ approved from serial no 01 to 168 for Rs. 16821928.00
(one crore sixty-eight thousand eight hundred twenty one thousand
nine hundred twenty eight only).

BOQ approved from serial no. 01 to 168 for -
Rs. 16688486.00 (one crore sixty-sin lakh eighty-
eight thousand four hundred and eighty-sin only).

Ans
05/07/25

~~Dr~~
05/07/25
अधीक्षण अभियंता
नगर विकास अंचल-2, पटना