

BILL OF QUANTITY (5TPD MRF) RAMGARH

Name of Work -	
Amount of BOQ :-Rs. 13015856.00	Earnest Money :- Rs.
Cost of ESTIMATE	Rs 13127626.00
Bid Processing Fee (to be paid though online mode)	:-Rs
NIT Information Issued	
Last DATE/Time of BOQ Downloading	
Prebid Meeting Time, Place/Date	
	Place : Office of EO
Last Date/Time of Tender Upload By contractor	
Opening Date/Time of Fincial Bid	
Last Date/Time and Place for Submission of Earnest Money With all Original	

BOQ of CIVIL WORKS

SL.No.	Item No.	Description	Nos	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	2.29.1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50	2	0.06	SQM	1355.40	162.65
2	2.2.1	Earthwork in rough excavation , banking excavated earth in layer not exceeding 20 cm in depth, breaking clods watering, rolling each layer with 1/2 tonne roller or wooden or steel rammers and rolling every 3rd and top most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, floodbanks ,marginal banks and guide banks or filling up ground depressions lead upto 50 m and lift upto 1.5 m	2	21.03	CUM	386.60	16256.53
3	2.9	Excavation work in foundation trenches or drains not exceeding 1.5 m in width or 10 sq.m on plan including dressing of sides and ramming of bottoms lift upto 1.5m, including getting cut the excavated soil and disposal	2	0.90	CUM	568.60	1023.48
	2.9.1	Moorum/Hard copra	2	0.90	CUM	568.60	1023.48
4	2.26	Filling available excavated earth(excluding rock) in trenches,plinth,sides of foundations etc. in layers not exceeding 20cm in depth : consolidating each	2	18.96	CUM	123.50	4683.12
5	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	2	1.83	CUM	287.30	1051.95
6	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,	2	0.64	SQM	283.30	362.62
7	4.1	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.	2	0.47	CUM	4420.00	4154.80
	4.1.2	Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate)	2	0.47	CUM	4420.00	4154.80
8	5.33A.2.2	Providing and laying in position machine batched ,machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grde reinforced cement concrete Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate	2	2.08	CUM	5677.20	23617.15
9	5.33A.2.1	Providing and laying in position machine batched,machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grde reinforced cement concrete Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate.	2	1.22	CUM	5293.50	12958.49

10	5.33A.2.2	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grade reinforced cement concrete	2	1.52	CUM	5677.20	17258.69
11	5.33A.2.2	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grade reinforced cement concrete	2	1.26	CUM	5677.20	14306.54
12	5.22.7	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. IS : 13920; IS 456 & SP : 34) etc. complete.	2	0.61	MT	90800.00	110485.44
	5.22.7C	Thermo Mechanically Treated bars					
13	6.1.14B	Brick work with bricks of class designation 100B in foundations and plinth Cement mortar 1:6 (1 cement: 6 coarse sand)	2	0.00	CUM	4540.30	0.00
14	6.1.12C	Brick work with fly ash bricks as per IS 12894(2002) & IS 3495 in foundations and plinth, Cement mortar 1:4 (1 cement: 4 coarse sand)	2	4.20	CUM	5116.30	42946.22
15	6.18.4B+6.18B	Half Brick masonry with open bhatta of class designation 25 in super structure above plinth level upto floor 2 level including the cost of scaffolding	2	6.00	SQM	654.70	7856.40
		Cement Mortar 1 : 4 (1 cement : 4 coarse sand)	2	6.00	SQM	654.70	7856.40
16	9.124	Providing and fixing factory made 30mm thick door shutter made of solid PVC foam profile. The styles & rails shall be of size 75mm x 30mm having wall thickness 5mm. The styles, top & bottom rails shall have one side wall thickness of 15mm integrally extruded on the hinge side of the profile for better screw holding power. The styles and rails shall be reinforced with M.S. tubes of size 33mm x 17mm x 1mm, painted with primer, all four corners of reinforcement to be welded or sealed. Solid PVC extruded bedding (pushfit type) will be set inside the styles and the rails with cavity, to receive single piece extruded 5mm PVC sheet as panel. The styles and rails will be mitred cut and joint with the help of PVC solvent cement & self driven self tapping screws. Single piece extruded solid PVC lock rail of size 100mm x 30mm with wall thickness 5mm & 15mm integrally extruded in the middle of the lock rail & fixed with styles with the help of PVC solvent cement & self driven self tapping screws of size 100mm x 8mm complete as per manufacturer's specifications and direction of Engineer-in-charge.	2	3.78	SQM	2898.90	21915.68
17	10.13+10.13C	Providing and fixing steel beading of approved shape and section with screws instead of glazing clips and metal. Sash putty in steel doors, windows, Ventilators and composite units.	2	0.68	SQM	3444.20	4649.67
18	11.21.1.1	Providing and fixing 10mm thick acid and / or alkali resistant tiles of approved make and colour using acid and / or alkali resisting mortar bedding, and joints filled with acid and / or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in-Charge.	2	25.58	SQM	1295.70	66288.01
19	13.11.2	12 mm cement plaster of mix 1:4 (1 cement: 4 fine sand)	2	43.68	SQM	152.90	13357.34
20	13.19	18mm cement plaster in two coat under layer 12mm thick cement plaster 1:5 (1 cement: 5 coarse sand) and a top layer 6mm thick cement plaster 1:3 (1 cement: 3 coarse sand) finished rough with sponge	2	29.93	SQM	218.20	13059.27
21	13.48.1	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications.					

		Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm.	2	74.81	SQM	117.30	17551.01
22	4.3.1	Centering and shuttering including strutting, propping stretching etc. complete for and removal of form work by sheet plate or ply wood shuttering for :	2	14.16	SQM	211.10	5978.35
	4.3.1	Foundations, footings, bases of columns, etc, for massconcrete.	2	6.36	SQM	437.50	5565.00
	5.9.3	Suspended floors, roofs, landings, balconies and accessplatform.	2	14.40	SQM	437.50	12600.00
	5.9.5	Lintels, Beams, Plinth Beams, bressumers, girders &cantilevers	2	12.00	SQM	494.40	11865.60
	5.9.6	Columns, Pillars, Piers, Abutments, Posts, Struts	2				
23	18.48	Providing and placing on terrace (atall floor levels) polyethylene water storagetank, ISI : 12701 marked,with cover and suitable locking arrangement and making necessary holes for inlet,outlet and over flow pipes but without fittings and the base support for tank.	2	500.00	Liter	9.70	9700.00
24	17.3.1	Providing and fixing white vitreous china pedestal type water closet (European type)with seat and lid, 10 litre low level white vitreous china flushing cistern &C.P. flush bend with fittings &C.I.brackets, 40mm flush bend, over flow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :	2	1	Each	5504.30	11008.60
		W.C. pan with ISI marked white solid plastic seat and lid	2				
25	17.4	Providing and fixing white vitreous china flatback or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :	2	2.00	Each	3723.20	14892.80
	17.4.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	2				
26	17.25.6	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings : fittings :Surgeon type wash basin of size 660x460mm.	2	1.00	Each	1651.30	3302.60
27	2.29.1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50		0.22	SQM	1355.21	294.89
28	2.2.1	Earthwork in rough excavation , banking excavated earth in layer not exceeding 20 cm in depth, breaking clods watering, rolling each layer with 1/2 tonne roller or wooden or steel rammers and rolling every 3rd and top most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, floodbanks ,marginal banks and guide banks or filling up ground depressions. lead upto 50 m and lift upto 1.5 m.		42.42	CUM	386.60	16398.41
29	2.9	Excavation work in foundation trenches or drains not exceeding 1.5 m in width or 10 sq.m on plan including dressing of sides and ramming of bottoms lift upto 1,5m, including getting cut the excavated soil and disposal of surplus excavated soils as directed within a lead of 50 m		9.92	CUM	568.60	5642.22
30	2.26	Filling available excavated earth(excludingrock) intranches,plinth,sidesof foundations etc. in layers not exceeding 20cm in depth : consolidating each		36.87	CUM	123.50	4553.38
31	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.		1.27	0	287.30	365.77

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32	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/A,	16.98	SQM	283.30	4809.02
33	4.1.2	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work upto plinth level.				
		Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate)	0.94	CUM	4420.00	4143.75
34	5.33A.2.2	Providing and laying in position machine batched ,machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grde reinforced cement concrete Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate	3.06	CUM	5677.20	17355.20
35	5.33A.2.1	Providing and laying in position machine batched,machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grde reinforced cement concrete Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate	1.94	CUM	5293.50	10290.56
36	5.33A.2.2	Providing and laying in position machine batched,machine mixed and machine vibrated design mix cement concreteof specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grde reinforced cement concrete	3.03	CUM	5677.20	17184.88
37	5.33A.2.2	Providing and laying in position machine batched,machine mixed and machine vibrated design mix cement concreteof specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grde reinforced cement concrete	7.19	CUM	5677.20	40790.68
38	5.22.7C	Reinforcement for R.C.C.work including straightening, cutting, bending, placing in position and binding all complete. IS : 13920; IS 456 & SP : 34) etc. complete. 12mm horizontal/ inclined position of reinforcement bars in slab and beams, plinth, chajjas, lintels, upto 4.5m vertical length of reinforcement in wall columns (over laps shall be provided as per requirement of IS : 13920; IS 456 & SP : 34) etc. complete.				
		Thermo-Mechanically Treated bars. (Fe 500 D or more)	1681.86	KG	90.80	152712.89
39	6.1.14B	Brick work with bricks of class designation 100B in foundations and plinth Cement mortar 1:6 (1 cement: 6 coarse sand)	0.00	CUM	4540.30	0.00
40	6.1.12	Brick work with fly ash bricks as per IS12894(2002)&IS3495in foundations and plinth , Cement mortar 1.:4 (1 cement: 4 coarse sand)				
		Cement mortar 1:4 (1 cement : 4 coarse sand)	9.20	CUM	5116.30	47064.84
41	6.18.4B+6.18B	Half Brick masonry with open bhatta of class designation 25 in super structure above plinth level upto floor 2 level including the cost of scaffolding				
		Cement Mortar 1 : 4 (1 cement : 4 coarse sand)	4.83	SQM	654.70	3158.93
42	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
		sal wood	0.16	CUM	95670.70	14982.03



43	9.7.1	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick:					
			7.20	SQM	2569.60	18501.12	
		Second class teak wood					
44	10.13	providing and fixing steel beading of approved shape and section with screws instead of glazing clips and metal sash putty in steel doors, windows, Ventilators and composite units.	2.48	SQM	3038.90	7521.28	
45	11.21	Providing and fixing 10 mm thick acid and / or alkali resistant tiles of approved make and colour using acid and / or alkali resisting mortar bedding, and joints filled with acid and / or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in-Charge.					
		In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand).	50.56	M	1295.70	65510.59	
46	12.79.2.2	Providing and fixing on wall face unplasticised -PVC molded fittings/accessories for unplasticised-PVC rain water pipes conforming to (S:4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.					
			6.60	M	374.60	2472.36	
		110 mm pipe Rain Water Pipe Roof To Ground Level					
47	13.11.2	12 mm cement plaster of mix 1:4 (1 cement: 4 fine sand)	96.06	SQM	152.90	14687.70	
48	13.12.2	15 mm cement plaster on rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand)	62.27	SQM	176.40	10983.55	
49	13.79.1	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade	62.27	SQM	81.20	5056.32	
50	13.80A.2	Finishing wall with deluxe multi surface paint system for interiors and exteriors using primer as per manufacturers specifications	158.33	SQM	105.40	16687.98	
51	13.48	Providing and applying white cement based putty of average thickness 2 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.					
	13.48.1	Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm.	158.33	SQM	117.30	18572.11	
52	4.3	Centering and shuttering including strutting, propping stretching etc. complete for and removal of form work by sheet plate or ply wood shuttering for :					
	4.3.1	Foundations, footings, bases of columns, etc, for mass concrete.	27.60	SQM	211.10	5826.36	
53	5.9.3	Suspended floors, roofs, landings, balconies and access platform.	26.19	SQM	437.50	11458.13	
	5.9.5	Lintels, Beams, Plinth Beams, bressumers, girders & cantilevers	30.92	SQM	437.50	13527.50	
	5.9.6	Columns, Pillars, Piers, Abutments, Posts, Struts	18.00	SQM	494.40	8899.20	
54	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 over flow pipes but without fittings and the base support for tank.	1000.00	Liter	9.70	9700.00	

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55	17.3	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40mm flush bend, over flow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :					
			1.00	Each	5504.30	5504.30	
	17.3.1	W.C. pan with ISI marked white solid plastic seat and lid					
56	17.4	Providing and fixing white vitreous china flatback or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :					
	17.4.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	1.00	Each	3723.20	3723.20	
57	17.25	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings : fittings : Surgeon type wash basin of size 660x460mm.					
			1.00	Each	1651.30	1651.30	
	17.25.6	Surgeon type wash basin of size 660x460mm.					
58	2.29.1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m	3.80	sqm	1355.40	5150.52	
59	2.2.1	Earthwork in rough excavation , banking excavated earth in layer not exceeding 20 cm in depth, breaking clods watering, rolling each layer with 1/2 tonne roller or wooden or steel rammers and rolling every 3rd and top most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, floodbanks ,marginal banks and guide banks or filling up ground depressions. lead upto 50 m and lift upto 1.5 m.					
		All kinds of soil	136.08	CUM	386.60	52608.53	
60	2.26	Filling available excavated earth(excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth : consolidating each deposited layer by ramming and watering lead	110.49	CUM	123.50	13645.27	
61	2.9	Excavation work in foundation trenches or drains not exceeding 1.5 m in width or 10 sq.m on plan including dressing of sides and ramming of bottoms lift upto 1.5m, including getting cut the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m .					
		Moorum/Hard copra	76.00	CUM	568.60	43213.60	
62	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	3.06	0	287.30	880.43	
63	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,	86.22	SQM	283.30	24426.13	
64	4.1.5	Providing and laying in position Cement Concrete of specific grade, excluding the cost of shuttering & centering. All works up to plinth level.					
		Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate)	4.54	CUM	4420.00	20049.12	

65	5.33A.2.2	Providing and laying in position machine batched ,machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grde reinforced cement concrete Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate.	12.66	CUM	5677.20	71850.64
66	5.33A.2.1	Providing and laying in position machine batched,machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grde reinforced cement concrete Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate	11.76	CUM	5293.50	62251.56
67	5.33.A.2.2	Providing and laying in position machine batched,machine mixed and machine vibrated design mix cement concreteof specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grde reinforced cement concrete	18.72	CUM	5677.20	106277.18
68	5.33A.2.2	Providing and laying in position machine batched ,machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grde reinforced cement concrete Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate	38.00	CUM	5677.20	215733.60
69	5.11	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding upto floor level including cost of binding wire, wastage and over laps upto 12mm horizontal/ inclined position of reinforcement bars in slab and beams, plinth, chajjas, lintels, upto 4.5m vertical length of reinforcement in wall columns (over laps shall be provided as per requirement of IS : 13920; IS 456 & SP : 34) etc. complete.				
	5.11.7C	Thermo-Mechanically Treated bars. (Fe 500 D or more)	8671.52	KG	90.80	787374.02
70	6.1.14B	Brick work with bricks of class designation 100B in foundations and plinth ,Cement mortar 1:6 (1 cement: 6 coarse sand)	0.00	CUM	4540.30	0.00
71	6.1.12	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, class designation 75 Kg/CM2 (average compressive strength) in superstructure above plinth level up to floor 2 level including the cost of scaffolding :				
	6.1.12C	Cement mortar 1:4 (1 cement : 4 coarse sand)	16.72	CUM	5116.30	85544.54
72	10.2	Structural steel work riveted or bolted in built up sections, trusses and framed work, including cutting,hoisting,fixing in position and applying a priming coat of approved atef primer all complete.				
		A Type Main Column (I section 300x140x7.7)@ 46.1kg/m	9371.21	KG	95.40	894013.24
73	10.6.2	Supplying and fixing-rolling shuters of approved make.made of required size of M.S.laths interlocked together through their intire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. for guides of required thickness for rolling shutters				
		80x1.20mm thick M.S. laths with 1.20 mm thick top cover	12.00	SQM	2533.20	30398.40

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74	10.16.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete					
		Hot finished welded type tubes					
		Side of shed (Rectangal Section 100x50x5)@ 6.75 kg/m	4603.50	KG	123.90	570373.65	
75	12.5	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and	1007.00	SQM	625.10	629475.70	
76	12.6	Providing ridges or hips of width 60cm over all width plain GS sheet fixed with polymer coated J or L hooks bolts and nuts 8mm dia GI limpet and					
	12.6.1	0.80 mm thick with zinc coating not less than 275 grams per square meter	39.00	M	599.00	23361.00	
77	12	Providing and fixing plain GS sheet gutter with iron brackets 40x3 mm size, bolts nuts and washers etc. including making necessary connections with rain					
	12.9	providing and fixing 16cm wide 45 cm overall semi circular plain GS sheet gutter with iron brackets 40x3mm size bolts nuts and washers etc. including making necessary connections with rain water pipes complete.					
		0.80 mm thick with zinc coating not less than 275 grams per square meter	78.00	M	577.40	45037.20	
78	12.51	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 expansion. (i) Single socketed pipes..	58.1	M	201.00	11678.10	
79	13.19	18mm cement plaster in two coat under layer 12mm thick cement plaster 1:5 (1 cement: 5 coarse sand) and a top layer 6mm thick cement plaster 1:3(1 cement: 3 coarse sand finished rough with sponge	192.00	SQM	218.20	41894.40	
80	13.48	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications.					
	13.48.1	Two or more coats applied @ 1.25 ltr/ 10 sq.m. over and including one coat of special primer applied @ 0.75 ltr / 10 sq.m.	192.00	SQM	117.30	22521.60	
81	4.3	Centering and shuttering including strutting, propping stretching etc. complete for and removal of form work by sheet plate or ply wood shuttering for :					
	4.3.1	Foundations, footings, bases of columns, etc, for mass concrete.	33.60	SQM	211.10	7092.96	
82	5.9.5	Lintels, Beams, Plinth Beams, bressumers, girders & cantilevers	233.60	SQM	437.50	102200.00	
	5.9.6	Columns, Pillars, Piers, Abutments, Posts, Struts	98.00	SQM	494.40	48451.20	
83	2.29.1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50	25.12	CUM	1355.40	34047.65	

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84	2.9	Excavation work in foundation trenches or drains not exceeding 1.5 m in width or 10 sq.m on plan including dressing of sides and ramming of bottoms lift upto 1.5m, including getting cut the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.					
	2.9.1	Moorum/Hard copra	2.36	CUM	568.60	1339.62	
85	4.1.2	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work upto plinth level					
	0	Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate)	0.79	CUM	4420.00	3497.10	
86	5.33A.2.2	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grade reinforced cement concrete Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate	3.74	CUM	5677.20	21232.73	
87	5.22.7C	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. IS : 13920; IS 456 & SP : 34) etc. complete.					
		Thermo-Mechanically Treated bars. (Fe 500 D or more)	224.40	kg	90.80	20375.52	
88	6.1.12C	Brick work with fly ash bricks as per IS12894(2002)&IS3495 in foundations and plinth, Cement mortar 1:4 (1 cement: 4 coarse sand)					
		Cement mortar 1:4 (1 cement: 4 coarse sand)	5.69	CUM	5116.30	29111.75	
89	6.18.4B+6.19B	Half Brick masonry with open bhatta of class designation 25 in super structure above plinth level upto floor 2 level including the cost of scaffolding					
		Cement Mortar 1 : 4 (1 cement : 4 coarse sand)	1.40	SQM	654.70	916.58	
90	13.11	12 mm cement plaster of mix	18.40	SQM	152.90	2813.36	
	13.11.2	1:4 (1 cement: 4 fine sand)					
91	5.9.3	Suspended floors, roofs, landings, balconies and access platform.	8.64	SQM	437.50	3780	
92	20.1(MP SOR)	Excavation for 110mm	6.00	RM	129.00	774.00	
93	2.29.1	Surface Dressing of the ground including removing vegetation and in equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50m and lift upto 1.5m	0.80	SQM	1355.40	1084.32	
94	2.2.1	Earthwork in rough excavation, banking excavated earth in layer not exceeding 20 cm in depth, breaking clods watering, rolling each layer with 1/2 tonne roller or wooden or steel rammers and rolling every 3rd and top most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, floodbanks, marginal banks and guide banks or filling up ground depressions. lead upto 50 m and lift upto 1.5 m.					
		All kinds of soil	32.00	CUM	386.60	12371.2	
95	2.9	Excavation work in foundation trenches or drains not exceeding 1.5 m in width or 10 sq.m on plan including dressing of sides and ramming of bottoms lift upto 1.5m, including getting cut the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.					
	2.9.1	Moorum/Hard copra	24.00	CUM	568.60	13646.4	
96	4.1.2	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work upto plinth level.					
	0	Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate)	8.00	CUM	4420.00	35360	

97	5.33A.2.2	Providing and laying in position machine batched ,machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grde reinforced cement concrete Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate.		9.60	CUM	5677.20	54501.12
98	5.22.7C	Reinforcement for R.C.C.work including straightening, cutting, bending, placing in position and binding all complete. IS : 13920; IS 456 & SP : 34) etc. complete.					
		Thermo-Mechanically Treated bars. (Fe 500 D or more)		768.00	KG	90.80	69734.4
99	4.3.1	Centering and shuttering including strutting, propping stretching etc. complete for and removal of form work by sheet plate or ply wood shuttering for :		5.60	SQM	211.10	1182.16
100	As per GEM Portal (lumpsum)	Weigh Controller, Load Cells, Platform, Large Size LED Display, PC, Printer, UPS, , Model approval , Verification Stamping from legal metrology Dept , Ramp. Capacity of Load Cell in Tonnes-30Ton, No of Load Cell in the weigh bridge system-4, Type of Load Cell-Double ended Shear Beam Load Cell, Accuracy Class of weigh bridge-Class III.					
		Weigh bridge				LS	850000
101	As per GEM Portal (lumpsum)	Shredder Machine(5 TPH Capacity) 1 Nos.		Shredder		LS	700000
		3 Nos waste sorting Machine with platform, complete.		Waste Sorting		LS	375000
		1 Nos. for screening of 5 TPD waste with capacity 1 TPH of diameter 1.5 m and length 6m. With conveyor for feeder and reject.		Trommel (35 mm)		LS	1100000
102	As per GEM Portal (lumpsum)	1 nos. for screening with capacity 2 TPH. of with manual loading and with Bagging System with Hopper, Conveyor, screening including related civil works, electrification complete.		Trommel (6mm) Vibro Screen		LS	600000
103	As Per CPHEEO	Single Cylinder Double Chamber		Baler Machine		LS	450000.00
104	As per GEM Portal (lumpsum)	Double Wheel Barrow		4 nos		LS	15000.00
105	24.1	Boring/drilling bore well of required dia for casing/ strainer pipe, 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.					
	24.1.1.1	All types of soil - 300 mm dia.		90	Meter	486.80	43,812.00
106	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.					
	24.3.1	100 mm nominal size dia		78	Meter	546.10	42,595.80

107	24.4	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.					
	24.4.1	100 mm nominal size dia	12	Meter	573.10	6,877.20	
108	24.8	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	3.0	CUM	1,343.20	4,029.60	
109	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.	3	hour	916.80	2,750.40	
110	24.13.2	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 : 150 mm dia	1	each	210.70	210.70	
111	24.14.1	Providing and fixing 100 mm dia 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.	1	each	1,448.40	1,448.40	
112	24.15.1	Providing and fixing 100 mm dia Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I).	1	each	228.30	228.30	
113		Supplying all equipments, tools and installation of 1 HP single phase submersible motor pump set of KSB/ ISI make 2900 rpm capable of discharge 5000 LPH at 45 Mtr head with all necessary riser pipe, starter control panel, 1.25" Full way valve, 1.25" M.S clamp, 1.25" G.I Elbow, 1.25" check valve, 1.25" x 9" long G.I Nipple etc. all complete as per direction of E/I	1	Each	0.00		
114	1.3.3	Wiring for light point/ fan point/ exhaust fan point/ Call bell Point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, with modular switch, modular plate, suitable size G.I box etc. as required. Group - 'C'					
		Light Point - 39	88				
		Fan/Wall Fan Point - 13					
		Exhaust Fan Point - 02					
		Call Bell Point - 02					
		WEIGH BRIDGE-01					
		TROMMEL-01					
		CONVEYOR BELT-13					
		BALER-01					

		MAGNETIC SEPERATOR-01					
		MISCELLANEOUS-15					
		Total: = 88			Point	1146.00	100,848.00
115	1.3.1	Wiring for light point/ fan point/ exhaust fan point/ Call bell Point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, with modular switch, modular plate, suitable size G.I box etc. as required. Group - 'A'	19	Point	782.00	14,858.00	
116	1.5	Wiring for light/ power plug with 2 X 4 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed PVC conduit along with 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	380	Metre	309.00	117,420.00	
117	1.7	Wiring for circuit/ submain wiring along with earth wire with the following sizes FRLS PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required.					
	1.7.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	540	Metre	201.00	108,540.00	
	1.7.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire (for 3X5A socket Point)	350	Metre	246.00	86,100.00	
	1.7.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	75	Metre	309.00	23,175.00	
	1.7.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	175	Metre	422.00	73,850.00	
	1.7.11	4 X 6 sq. mm + 1 X 6 sq. mm earth wire	185	Metre	660.00	122,100.00	
118	1.24	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. (for On switch board)					
	1.24.1	5/6 amps switch	31	Each	82.00	2,542.00	
	1.24.4	3 pin, 5/6 amps socket outlet	31	Each	112.00	3,472.00	
119	1.25	Supplying and fixing two module stepped type electronic fan regulator on the existing modular switch box including connection but excluding modular plate etc. as required.	39	Each	358.00	13,962.00	
120	1.32	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, 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch connection, painting etc. as required.	31	Each	531.00	16,461.00	
121	1.33	Supplying and fixing 2 pin, 5 amp. ceiling rose on the existing junction box/PVC box including connection etc as required.	112	Each	64.00	7,168.00	
122	1.34	Supplying and fixing batten/angle holder including connection etc. as required.	72	Each	80.00	5,760.00	
123	1.37	Supplying and fixing Ding-Dong call bell suitable for single phase, 230 volts complete as required.	3	Each	240.00	720.00	
124	1.27	Supplying and fixing following modules G.I. box along with modular base and cover plate for modular switches in recess etc as required.					
	1.27.1	1 or 2 module (75mm X 75mm)	69	Each	234.00	16,146.00	
125	1.53	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 amps modular socket outlet and 25 amp modular SP MCB 'C' curve, including connections, painting etc. as required.	5	Each	683.00	3,415.00	
126	1.56	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 nos. 5 pin 5/6 amps modular socket outlet and 2 nos. 5/6 amps modular switch, connection etc. as required.	27	Each	778.00	21,006.00	

127	2.8	Supplying and fixing following way single pole & neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus-bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)					
			5	Each	2314.00	11,570.00	
	2.8.7	12 way, Double door					
128	2.9	Supplying and fixing following way three pole & 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, interconnections, phosphatized and powder painted including earthing etc. as required. (But without MCB / RCCB / Isolator)					
			5	Each	4184.00	20,920.00	
	2.9.1	4 way (4 + 12), double door, horizontal type					
129	2.12	Supplying and fixing following rating, 240 volts, 'C' series, miniature circuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
			110	Each	237.00	26,070.00	
	2.12.1	6A to 32A amps, single pole	10	Each	1233.00	12,330.00	
	2.12.6	40A to 63A amps, SPN	10	Each	2329.00	23,290.00	
	2.12.8	40A to 63A amps, TPN					
130	2.4	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections etc. as required.					
			1	Each	8676.00	8,676.00	
	2.4.2	125 A, 36 KA, FPMCCB					
131	2.7	Providing and fixing following capacity 4 pole On-load mounted changeover switches in existing cubicle panel board, making connection, earthing the body etc. as required.					
			1	Each	9334.00	9,334.00	
	2.7.3	100 A					
132	2.34.1	Supplying and fixing following ways, surface/recess mounting / vertical three phase distribution board (VTPN DB'S) of CRCA SHEET STEEL, dust protection, duly powder painted suitable for upto 250 amp , four pole MCCB'S etc. as per required. Four way, Double door, I/C 250 A MCCB	1	EACH	19610.00	19,610.00	
133	8.11	Supply and fixing of fabricated Electrical control panel of cubical construction, floor/wall mounted type, fabricated out of 16 SWG CRCA sheet, compartmentalised with hinged doors, dust and vermin proof, powder coated painting of approved shade after 7 tank treatment process, cable alley, internal wiring, earth terminals, Bus bar Chamber, insulator and complete in all respect etc and panel manufactures must be approved by CPRI. (But without RYB indicator, ammeter, voltmeter, inter-connection copper conductor cable/solid copper strip, switchgears etc.)	8	sq.ft.	1809.00	14,472.00	
134	8.13	Supply and fixing panel mounted digital multimeter (Voltmeter & ammeter) including CT coil and RYB pilot indicator in the existing cubical panel board including drilling holes in the panel board making connections etc as required.	1	Each	6536.00	6,536.00	
135	5.1	Supplying and fixing 4'X18 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 insulated copper conductor etc. as required.	66	Each	521.00	34,386.00	

136	5.8	Supplying and fixing surface mounted following types LED downlighter with minimum efficacy 100 lm/w in pressure die-cast aluminium housing and integrated electronic driver etc directly on ceiling including connections with 1.5 sq.mm FRLS PVC insulated copper conductor cable etc as required.					
	5.8.2	15 watt		27	Each	1608.00	43,416.00
137	5.10	Supplying and fixing 10/12 watt LED type Bulk-head luminaire with minimum efficacy 100 lm/w in comprising of pressure die cast housing, acrylic diffuser, IP 65 protection and complete with integrated electronic driver etc directly on wall/ceiling including connections with 1.5 sq. mm FRLS PVC insulated copper conductor cable etc as required.		9	Each	1275.00	11,475.00
138	5.14	Supplying and fixing following types LED street light with minimum efficacy 100 lm/w in die cast aluminium housing, toughened glass, IP 66 protection and complete with electronic driver etc on pole/building including connection earthing the body etc as required.					
	5.14.7	200 watt		3	Each	10495.00	31,485.00
	5.14.4	100 watt		9	Each	6085.00	54,765.00
139	6.1	Supplying and fixing of following types lamp in the existing electrical fitting/ fixtures etc. as required.					
	6.1.4	9/10 watt LED lamp		72	Each	161.00	11,592.00
140	8.15	Supply and installation of regular/standard model A.C. ceiling fan of 1200 mm sweep with service value (CM/MM) minimum 4.00, Air delivery minimum 210 cum/min including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated copper conductor etc as required.		39	Each	2482.00	96,798.00
141	8.17	Supply and installation of following sweep/ sizes metallic blade, heavy duty, single phase, 230 V A.C. Exhaust Fan in existing opening including making good the damage, connection, testing and commissioning etc as required.					
	8.17.1	300 mm sweep		4	Each	2572.00	10,288.00
142	8.18	Supply and fixing of following sweep/ sizes PVC/ABS square body Exhaust Fan with automatic openable louvre shutter in existing opening including making connection, testing etc as required.					
	8.18.2	200 mm sweep (1300/1400 RPM)		3	Each	2074.00	6,222.00
143	8.5	Supplying and fixing of 32 mm dia X 1.00 metres long G.I. pipe (medium class) bracket for mounting of fluorescent / HPMV/ HPSV/ LED street light fitting on pole including bending the pipe to the required shape, 2 nos 40 mm X 3 mm flat iron clamps with nuts, bolts and washer, painting the flat iron with primer and finish paint etc. as required.		15	Each	1038.00	15,570.00
144	7.7	Supply of following sizes and core XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor for working voltage upto 1.1 KV as required.					
	7.7.10	50 sq.mm, 3.5 core		100	Metre	561.00	56,100.00
145	7.1	Laying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required.					
	7.1.2	Above 35 sq. mm and upto 95 sq. mm		90	Metre	326.00	29,340.00

146	3.21	Providing chemical/mineral maintenance free earthing system comprising of copper coated earth electrode 3 metre length and 17.2 mm outer dia along with 25 kg earth conductivity enhancing back fill mineral compound for earth electrode to fill up the excavated earth and earth inspection pit etc. as required.	2	Set	16675.00	33,350.00
147	3.17	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing etc as required.	25	Metre	144.00	3,600.00
148	7.9	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed PVC conduit as required.				
	7.9.2	4 X 16 sq. mm	4	Metre	1018.00	4,072.00
	7.9.3	4 X 25 sq. mm	3	Metre	1881.00	5,643.00
149	AR	Supplying of copper strip of all sizes for bus bar strip/interconnection including drilling holes etc as reqd.	6	Kg	871.00	5,226.00
		FOR LIGHTNING ARRESTER				
150	4.2	Providing and fixing lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. complete as required.	4	Each	416.00	1,664.00
151	4.4	Jointing copper/ G.I. tape (with another copper/ G I tape, base of the finial or any other metallic object) by riveting/ nut bolting sweating and soldering etc. as required.	20	Each	81.00	1,620.00
152	4.7	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For horizontal run)	80	Metre	102.00	8,160.00
153	4.8	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For vertical run)	30	Metre	145.00	4,350.00
154	3.2	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc with charcoal/coke and salt as required.	2	Set	6323.00	12,646.00
155	3.9	Supplying and laying 25 mm X 6 mm G.I. strip at 0.50 metre below ground as strip earth electrode, including connection/ termination with GI nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping with 2 sets of G.I. nut bolt & spring washer spaced at 50 mm)	20	Metre	133.00	2,660.00
156	8.18.3	Supply and fixing of following sweep/ size pvc/ abs square body exhaust fan with automatic etc as per required 250 mm sweep (1300/1400 RPM)	2	each	2288.00	4,576.00
157	8.2	Supply and installation of 600 mm , 230V A.C wall mounted, heavy duty fan including fixing the brackets etc. as per required.	5	each	9941.00	49,705.00
158	8.16	Supply and installation of regular/standard model A.C ceiling fan of 1400 mm sweep with service etc. as per required	8	each	2838.00	22,704.00
159	5.5	Supply and fixing replacable compact commercial batton suitable for double T8 LED tube complete with 24 W LED etc. as per required	15	each	1232.00	18,480.00
160		CARRIAGE COST OF MATERIAL				
		Bricks	21379	Nos	934.9	19987.23
		Coarse Sand	119.25	cum	2191.54	261335.63
		Local Sand	34.10	cum	315.77	10768.66
		Stone Chips	116.50	cum	3479	405312.01
161		Solar Lighting(Lumpsum)		LS	2990.26	42000.00
162		Grand Total				51000.00
163		Seigniorage Fee (10% of Basic Rate)				20360.05
164		Rooftop Solar Power Plant (8 kW)				630000.00
		Total				12353118.96

Amir J. E
12/05/2024

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11624171.95
1,15,73,71.93

		ADD EXTRA GST 5.36%						662127.18
						TOTAL	12,19,34,94.00	13015856.14
						GROSS TOTAL		13015856.14

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सहायक अभियन्ता
नगर निगम सासाराम

King
12/5/26
कार्यपालक अभियन्ता
नगर विकास प्रमंडल
रोहतास+कैमूर-सासाराम

BOG approved for Rs 1,21,93,494.00 (i.e., one crore twenty one lakhs ninety three thousand four hundred and ninety four only.)

Water Fee Non Scheme

N. King
25.05.26
(A.C.)

PKC
25/05/26

अधीक्षक अभियन्ता
नगर विकास अंचल-02, पटना