

BOQ of Modern Town Hall under nagar parishad khagaria in dist. Khagaria.

(Civil Works)

Items Covered Under BCD-SOR-2022, effective from 01.01.2022

Code. SOR-22	Description of Work	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
2.6	Earth work in excavation over areas (exceeding 30 cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50 m and lift upto 1.5 m; disposed earth to be levelled and neatly dressed.				
2.6.1	All kinds of soil	cum	995.56	314.90	313,500.84
	Filling available excavated earth	cum	707.01	123.90	87,598.54
	Supplying and filling in plinth with local	cum	4707.17	287.30	1,352,369.94
2.0	Concrete Work				
	Providing and laying in position 1:2:4(1 Cement: 2 coarse sand:4	cum	919.53	3998.10	3,676,372.89
3.0	Reinforced Cement Concrete Works				
5.9	Centring and shuttering including				
5.9.1	Foundations, footings, bases of	sqm	82.63	211.60	17,484.51
3.1.3/ 5.9.2	Walls (any thickness) including attached pilasters. Butteresses, plinth and string courses etc.	sqm	0.00	375.10	-
5.9.3	Suspended floors, roofs, landings, balconies and access platform	sqm	76.82	437.50	33,608.75
5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	sqm	1165.39	404.70	471,633.33
5.9.6	Columns, Pillars, Piers, Abutments, Post and struts	sqm	563.02	494.40	278,357.09
5.9.7	Stairs, (excluding landings) except spiral staircases.	sqm	88.92	439.90	39,115.91
5.9.19	Wheather shade, Chajja, corbels etc., including edges.	sqm	18.45	550.90	10,164.11
5.9.16.1	Edges of slabs and breaks in floors and walls :				
	Under 20 cm wide	Metre	375.06	130.20	48,832.81
5.22	Reinforcement for RCC work including straightening. Cutting, bending,				
	Thermo-Mechanically Treated bars				

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5.22.7A	TMTC-500- 8mm dia .	kg	6071.68	94.50	573,773.76
5.22.7B	TMTC-500-10 mm dia.	kg	3417.63	92.60	316,472.54
5.22.7C	TMTC-500-12 mm dia.	kg	11705.11	90.80	1,062,823.99
5.22.7 D	TMT FE-500-16 mm dia.	kg	7826.43	91.70	717,683.63
5.22.7 E	TMT FE-500-20 mm dia.	kg	8386.82	91.70	769,071.39
5.33.	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement				
5.33.1	All work upto plinth level	cum	185.39	5063.40	938,703.73
5.33.2	All work from plinth level upto floor V level.	cum	264.92	5863.20	1,553,278.94
4.0	Masonry Work				
6.1C	Brick work with fly ash bricks as per IS 12894(2002) & IS 3495 in foundations and plinth in :				
6.1.14C	Cement mortar 1:6 (1 cement: 6 coarse sand) - 250 mm th Brick work	cum	546.11	4923.00	2,688,499.53
6.1C	Brick work with fly ash bricks as per IS 12894(2002) & IS 3495 in foundations and plinth in :				
6.1.12C	Cement mortar 1 : 4 (1 cement : 4	cum	4.89	5116.30	25,018.71
	Extra for Brick work in superstructure				
	250 mm th Brick work in C.M (1:6)	cum	546.11	842.20	459,933.84
	125 mm th Brick work in C.M (1:4)	cum	4.89	842.20	4,118.36
5.0	Wood Work				
9.21	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type core of 35 mm thick including ISI marked				
9.21.1	Stainless Steel butt hinges with necessary screws	sqm	42.66	1775.30	75,734.30
9.96	Providing and fixing aluminium sliding door bolts, ISI marked, anodised (anodic coating not less than grade AC				

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	300 x 16 mm	each	32.00	235.50	7,536.00
9.96.2	250 x 16 mm	each	82.00	210.10	17,228.20
9.98	Providing and fixing aluminium pull bolt lock, ISI marked, anodised (anodic coating not less than grade AC	each	49.00	78.40	3,841.60
9.100	Providing and fixing aluminium handles, ISI marked, 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:				
	125 mm	each	154.00	57.10	8,793.40
5.6/ 9.101	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS :				
	Twin rubber stopper	each	57.00	60.80	3,465.60
6.0	Steel Work				
9.147B	Providing and fixing factory made uPVC white colour fixed glazed windows/ ventilators comprising of uPVC multi-chambered frame				
9.147B.1	Fixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area upto 0.75 sqm.)	sqm	83.52	6690.70	558,807.26
10.15	Providing and fixing pressed steel door frame conforming IS code 4351 manufactured from commercial mild steel sheet of 1.25 mm thickness including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50 x 25 mm or base ties of 1.25mm pressed mild steel welded or rigidly fixed together by mechanical means, adjustable lugs with split end tail to each jamb including steel butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge:				
10.15.2.1	Fixing with adjustable lugs with split end tail to each jamb	Metre	280.33	432.60	121,270.76

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10.36	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever				
		kg.	117.61	546.80	64,309.15
9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round				
	Fixed to steel windows by welding.	kg.	1953.84	144.50	282,329.88
6.4/	Steel work welded in built up section/				
5.1/10.32.2	In gratings, frames, guard bar,	kg.	0.00	121.90	-
7.0	Flooring work				
11.72	Providing designation 100 A one brick	sqm	5201.12	283.30	1,473,477.30
7.2/11.41	Providing and laying vitrified floor tiles				
11.41.2	Size of Tile 600x600 mm	metre	0.00	1638.80	-
11.41.A	Providing and laying Vitrified tiles in				
	Glazed vitrified floor tiles polished				
	Size of Tile 600 x 600 mm	sqm	1442.64	1081.70	1,560,503.69
11.37	Providing and laying Ceramic glazed	sqm	55.15	686.80	37,877.02
11.36	Providing and fixing 1st quality	sqm	250.31	795.00	198,996.45
8.9/11.32	Extra for Kota stone / sand stone in	Sqm	0.00	15.00	-
8.10/11.31	Extra for pre finished nosing in treads	Metre	0.00	68.60	-
11.55	Providing and laying flamed finish				
11.55.1	Flamed finish granite stone slab Jet	sqm	35.00	2147.70	75,169.50
8.0	Plaster & Finishing Works				
13.11	12 mm cement plaster of mix				
13.11.4	1:6 (1 cement : 6 coarse sand)	sqm	1285.73	141.50	181,930.80
13.24	6 mm cement plaster to ceiling of mix.				
13.24.2	1:4 (1 cement : 4 coarse sand)	sqm	2336.52	125.60	293,466.91
3.80A.2	Providing and applying white cement	sqm	3622.25	105.40	381,785.15
13.77	Distempering with oil bound washable				
13.77.2	New work (two or more coats) over	sqm	3622.25	102.30	370,556.18
13.81	Applying priming coat:				
13.81.1	With ready mixed pink or grey primer	sqm	42.66	39.70	1,693.60
13.93	Painting with synthetic enamel paint of				
13.93.	Two or more coats on new work	sqm	115.39	84.50	9,750.46
13.46	Finishing walls with Acrylic Smooth				
13	New work (Two or more coat applied	Sqm	1205.97	137.00	165,217.89

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9.0	Water Proofing Treatment Works :				
22.3	Providing and laying water proofing				
i)	1st course of applying cement slurry				
ii)	IInd course of 20 mm cement plaster				
iii)	IIIrd course of applying blown or				
iv)	IVth course of 400 micron thick PVC sh	Sqm	988.49	480.60	475,068.29
10.00	False Ceiling Work				
12.45	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120gms/sqm (both side in				
12.45.3	12.5 mm thick tapered edge gypsum	Sqm	696.03	993.00	691,157.79
4.17	Making plinth protection 50 mm thick				
		Sqm	106.84	436.60	46,646.34
12.0	Carriage of Materials				
(I)	Bricks	per 1K	503744.87	1331.45	670,711.11
(ii)	Coarse Sand	cum	972.09	2179.87	2,119,029.83
(iii)	Stone Chips	cum	1175.78	1787.5	2,101,706.75
(iv)	Local sand	cum	5107.94	336.17	1,717,136.19
(v)	Cement	mt	529.83	0	-
13.0	Price Difference				
(I)	Bricks	per 1K	503744.87	362.63	182,673.00
ii)	Cement	cum	10596.60	10.57	112,006.06
14.00	Seigniorage fee				
(I)	Bricks	per 1K	503744.87	512.8	258,320.37
(ii)	Coarse Sand	cum	972.09	17.58	17,089.34
(iii)	Stone Chips	cum	1175.78	59.54	70,005.94
(iv)	Local sand	cum	5107.94	14.19	72,481.67
	CEILING TILES				
26.27	Providing and fixing mineral fibre false				
26.27.2	With 20 mm thick beveled tegular mineral fibre false ceiling tile (NRC 0.7)				
		SQM	703.45	2120.7	1491806.42
	WALL PANEL				
26.24	Providing and fixing in position wall				
26.2	15 mm thick fully With perforated	sqm	698.94	2359.60	1649218.82
12.1.1	Providing corrugated G.S Sheet				
	1 mm thick with zinck	sqm	808.96	1792.30	1449899.01
10.32.2	Structural steel work riveted or bolted				
			26491.78	114.60	3035957.99
	TOTAL ACOUSTICS				

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			Total	37493073.14
				2009628.72
		Add Gst 5.36%		39502701.86
			Total	763959.00
		Add water supply sanitary work		2065907.00
		Add Electrical works		42332567.86
			Total	42332600.00
			Say Rs	

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4,23,32,568.00