

BOQ OF MATERIAL RECOVERY FACILITY

This estimate has been prepared on the basis of CPWD schedule of 2023 published under the authority of
Director General, CPWD, New Delhi

DSR NO.	DESCRIPTION	UNIT	QUANTITY	AMOUNT(Rs)
1	EARTH FILLING			
2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	196.17	0
2	FENCING WORK			
16.17	Fencing with R.C.C. post placed at required distance, embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with horizontal lines and two diagonals of barbed wire weighing 9.38 kg per 100 metres (minimum), between the two posts fitted and fixed with G.I. staples on wooden plugs or G.I. binding wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and concrete to be paid for separately): -			
16.17.1	With G.I barbed wire	metre	370.00	0.00
3	PAVER BLOCKS			
16.91	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50 mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and			
16.91.1	60 mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern	sqm	291.10	0.00
4	PCC WORK			
4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :			
4.1.2	1:1½:3 (1 Cement : 1½ coarse sand (zone-III) derived from natural sources : 3 grade stone aggregate 20 mm nominal size derived from natural sources)	cum	3.9	0.00
4.3	Centering and shuttering including strutting, propping etc. and removal of			
4.3.1	Foundations, footings, bases for	sqm	39	0

4.10	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 12.5 mm nominal size derived from natural sources)	sqm		30.27	0.00
5	RCC WORK				
5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth				
5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural	cum		30	0
5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :				
5.2.2	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural	cum		2.14	0.00
5.30	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20	cum		3.54	0.00
5.90	Centering and shuttering including strutting, propping etc. and removal of form for				
5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	sqm		1	0.00
5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	sqm		16.59	0.00
5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	sqm		0.732	0.00
6	MASONRY WORK				
6.40	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum		24.93	0.00
7	PLASTERING WORK				
13.1	12 mm cement plaster of mix :				
13.1.1	1:4 (1 cement: 4 fine sand)	sqm		236.58	0.00
8	STEEL WORK				

10.25	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
10.25.2	In gratings, frames, guard bar, ladder, rallings, brackets, gates and similar work	kg		192	0
					0.00