

Bill of Quantity for the work Provision of safety railing and allied civil works for visit of dignitaries near CHP of North Urimari Project, Barka-Sayal Area.

Sl. No.	Description of work	Qty.	Unit	Updated rate	Updated Amount
1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish lead up to 50 m and lift up to 1.5 m. (All kinds of soil).	800.00	sqm	19.77	15816.00
2	Providing, hoisting and fixing up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but excluding cost of reinforcement, with 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size).	1.32	cum	8467.60	11177.23
3	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Thermo-Mechanically treated bars of grade Fe-500D or moe.	106.00	kg	90.29	9570.74
4	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 sqm in width as well as 10 sqm on plan) including disposal of excavated earth lead up to 50 m and lift up to 1.5 m disposed earth to be leveled and neatly dressed. (All kinds of soils).	28.80	cum	158.30	4559.04
5	Supplying and filling in plinth with Jamuna sand under floors including watering, ramming, consolidation and dressing complete.	60.00	cum	1247.06	74823.60
6	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:3:6 (1 cement : 3coarse sand : 6graded stone aggregates 20 mm nominal size).	5.60	cum	4565.19	25565.06
7	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20 mm nominal size).	2.40	cum	6650.67	15961.61
8	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	13.70	cum	6101.36	83588.63
9	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	66.40	sqm	210.33	13965.91

10	Providing and fixing hand rail of approved size by welding etc. to steel ladders, railings, balcony railings, and stair case railings including applying a priming coat of approved steel primer: M.S. tubes.	387.00	kg	130.08	50340.96
11	Welding by gas or electric plant including transportation of plant at site etc. complete.	1200.00	cm	3.54	4248.00
12	Painting steel work with Deluxe Multi Surface paint to give an even shade: Two or more coats applied @ 0.90 litres / 10 sqm over an under coat of primer applied @ 0.80 ltr / 10 sqm of approved brand and manufacture.	40.85	sqm	104.86	4283.53
13	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc complete: On concrete work.	66.40	sqm	153.37	10183.77
14	Structural Steel work in single section fixed with or without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	73.64	kg	90.58	6670.31
15	Lettering with black Japan paint of approved brand and manufacture	750.00	per letter per cm height	3.72	2790.00
16	Providing and stacking of Bougainvillea (variety Butiana, Lady Mary Baring, Mahara, Mohan, Scarlet Queen, Vaiegated, Glabra, Formosa, Peruviana, Odissi, Paratha, Subhra, Thimma, Spectabilis L N Birla, Refulgens) of height 30cm to 45cm with 2-3 branches in 20cm size of Earthen pos / Plastic pots & as per direction of the Officer-in-charge.	200.00	nos	40.00	8000.00
17	Edging with bricks laid dry length wise including required excavation, refilling, consolidating with handpacking and spreading surplus earth neatly within a lead of 50m : common burnt clay E.P.S. (non-modular) bricks of Class designation 5.0	157.00	sqm	397.05	62336.85
18	Colour washing such as green, blue or buff to give an even shade: New work (two or more coats) with a base coat of white washing with lime.	157.00	sqm	33.38	5240.66
		Total Rs.			409121.91
		GST @18%			73641.94
		Total cost Rs.			482763.85