

Bill of quantity for the work Provision of protection wall for Patratu main pipeine for CT road along 100T weighbridge under Sayal-D project , Barkasayal Area.

S. N.	Description	Qty	Unit	Rate	Amount
1	<b>(PROTECTION Wall 15.00 metre)</b> - Earth work in excavation by mechanical means (Hydraulic excavator) / manual means foundation trenches, drain not exceeding 1.5 m in width as well as 10 sqm on plan including dressing of sides and ramming of bottom, lift up to 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 m. (All kinds of soils).	124.30	cum	188.45	23424.34
2	Supplying and filling in plinth with Jamuna sand under floors including watering, ramming, consolidation and dressing complete.	1.13	cum	1844.00	2083.72
3	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:4:8 (1cement : 4 fine sand : 8graded stone aggregates 40 mm nominal size).	2.25	cum	5167.75	11627.44
4	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	24.85	cum	5322.15	132255.43
5	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)	72.00	sqm	284.75	20502
6	Providing, hoisting and fixing above plinth level 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 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	11.48	cum	8356.10	95928.03
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	1377.60	kg	75.85	104490.96
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	0.90	cum	6490.90	5841.81
9	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete.	10.53	sqm	262.55	2764.65
		Total			398918.38
		Add GST @18%			71805.31
		Total Amount			470723.69