

ESTIMATE FOR BOUNDARY WALL, DRAIN & GATE AT DHEMECHI ORGANIC GREEN TEA

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Estimate as per Drawing No. SVAC/19-20/109 for Boundary Wall, Drain and Gate:

Total Length of the Boundary Wall ----- 208.18 m
Height of the Boundary Wall ----- 1.80 m
Spacing of the Main Columns ----- 2.44 m c/c
Total length of drain--- 266.10 m
Avg Depth of drain--- 0.30 m

Sl. No	Description	Unit	Qty	Rate	Amount(Rs)
1	Supplying, fitting and fixing chain link fencing of 10 S.W.G, G.I Wire 50mmx50mm mesh fitted to M.S angle iron post at 2000mm apart of specification detailed below including supplying, fitting and fixing hooks, eye bolts with nuts, staples and bolts including three horizontal lines of G.I wire 10 S.W.G at top, middle and bottom and with one vertical line to each fencing post for keeping the fencing tight and erect complete, including one coat of primer painting to M.S angle iron post in P.C.C base etc. with following.	sq m	374.72		
2	Earthwork in excavation for foundation of footing & wall including the refilling of the quantity as necessary after completion of work, breaking clods in return filling, dressing watering and ramming etc. and removal of surplus earth with all lead and lifts etc.	cum	5.19		
3	Providing brick soling under the footing of the columns with jhama bricks sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and dewatering if necessary complete.	sq m	2.88		
4	Plain Cement Concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed of footing as directed and specified including dewatering if necessary and curing complete in prop. 1: 4 : 8	cu m	3.24		
5	Providing and laying reinforced cement concrete works in prop. 1:2:4 including dewatering if necessary & curing complete but excluding cost of form work and reinforcement in the foundation of the footing and column upto plinth level.	cu m	1.09		
6	Providing and laying reinforced cement concrete works in prop. 1:2:4 including dewatering if necessary & curing complete but excluding cost of form work and reinforcement in columns	cu m	0.73		

7	Providing and laying reinforced cement concrete works in prop. 1:2:4 including dewatering if necessary & curing complete but excluding cost of form work and reinforcement in the Tie Beam.	cu m	8.90		
8	Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc. height of propping & centering below supporting floor to ceiling not exceeding 4.0m and removal of the same for column & tie beam.	sq m	7.07		
9	Supplying, fitting & fixing in position reinforcement bars conforming to relevant I.S. Code for RCC work including straightening, cleaning, cutting & bending in proper shapes & length as per details, supplying & binding with 20G annealed black wire & placing in position with proper support etc.	Qntl	12.60		
10	Supplying, fitting & fixing M.S Angles including painting with red lead paint one coat complete as directed.	Qntl	20.60		
11	Brick work in cement mortar with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed in sub-structure upto P.L. in proportion 1:5	su m	14.36		
12	15 mm thick cement plaster on the Plinth Wall around the building as per direction with cement mortar 1:6 from G.L. up to P.L. in single coat for exterior plastering.	sq m	156.14		
13	Providing, fitting and fixing M.S Grill of required pattern for windows/ clerestory window/ opening with M.S flats at required spacing in frame all round, square or round M.S bars with round headed bolts and nuts or screws fixed to brickwork/ & placing in position with proper support etc.	Qntl	3.24		
14	Earthwork in excavation for foundation of footing & wall including the refilling of the quantity as necessary after completion of work, breaking clods in return filling, dressing watering and ramming etc. and removal of surplus earth with all lead and lifts etc.	cu m	91.00		
15	Providing brick soling under the footing of the columns with jhama bricks sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and dewatering if necessary complete.	sq m	202.24		
16	Plain Cement Concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed of footing as directed and specified including dewatering if necessary and curing complete in prop. 1: 4 : 8	cu m	15.16		
17	Brick work in cement mortar with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed in sub-structure upto P.L. in proportion 1:5	cu m	20.38		

18	15 mm thick cement plaster on the Plinth Wall around the building as per direction with cement mortar 1:6 from G.L. up to P.L.in single coat for exterior plastering.	sq m	135.87		
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