

Repair and strengthening of Boundary Wall

NIT NO. BHEL/EMRP/HR/13-14/T-06

PRICE SCHEDULE

Sr. No.	Item Brief	Qty	Unit	Unit Rate (In Rs.)	Amount (In Rs.)
1	2	3	4	5	6=(4X5)
1	Dismantling safely existing MS grill fabricated in composite section with angles, tees, flats, Metallic wire mesh and channels etc. with their existing fencing post, struts/supports duly grouted in concrete or masonry etc. including all gusset plates, bolts, nuts, cutting reivets/welding etc. including dismembering as may be directed by BHEL and including stacking within 50 meters lead. Note: 1.The total weight of the grill along with their support is estimated to be 2000 KG. 2. Plane area of the grill shall be measured for payment purpose.	100	Sqm		
2	Demolishing RCC work in Flower bed manually or by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 meters lead as directed by BHEL.	10	Cum		
3	Demolishing cement concrete band laid over existing boundary wall in 1:3:6 or richer mix manually or by mechanical means including disposal of materials with in 50 meters lead as directed by BHEL.	5	Cum		
4	Disposal of building rubbish / malba / similar un-serviceable dismanteled or waste materials by mechanical means including loading, transporting, unloading to approved municipal dumping ground or as approved by Enginner In-charge beyond 50 meters initial lead for all leads and including all lifts.	20	Cum		
5	Providing and laying in position RCC of grade 1:1.5:3 (1 cement:1.5 coarse sand:3 graded stone aggregate 20mm nonimal size) in plinth and string courses and in coloumn for fencing post, struts etc. at all level excluding cost of centering, shuttering, finishing and reinforcement.	12	Cum		
6	Providing and laying steel reinforcement of Grade Fe 500 (HYSD) for RCC work including straightening, cutting, bending, placing in position and binding all complete as directed by BHEL.	1500	KG		
7	200 mm thk. Brick wall : Providing & Constructing brick wall 200 mm thick made out of well burnt bricks confirming to IS 1077 1986 specification in cement mortar 1:6 in any location / floor. All materials such as brick, cement, fine agggregate, water etc should confirm to relevant IS specification . Necessary scaffolding at all levels etc. complete as per directions, including carting away the debris.	18	Cum		
8	15 mm thick cement plaster with cement mortar 1:4 (1 cement: 4 coarse sand) at all height including cost of all material, labour, scaffolding etc. complete as directed by Engineer In-charge.	250	Sqm		

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9	20 mm thick cement plaster with cement mortar 1:4 (1 cement: 4 coarse sand) at all height including cost of all material, labour, scaffolding etc. complete as directed by Engineer In-charge.	180	Sqm		
10	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sqmeter and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface with cement mortar 1:4 (1 cement: 4 fins sand) complete including disposal of rubbish to the dumping ground with in 50 meters lead.	50	Sqm		
11	Labour only for fixing in position MS grill (duly dismantled from existing) with grouting of struts/supports in RCC coloumn in proper alignment and doing welding wherever necessary complete as directed by BHEL. RCC quantity shall be paid seperately under relevant item.	750	KG		
12	Providing and fixing in position MS grill matching with the existing pattern duly fabricated with MS angles, Flats etc. with grouting of their supports in RCC coloumn in proper alignment and doing welding wherever necessary with a coat of approved steel primer including cost of all material, consumables, labour complete as directed by BHEL.	1850	Kg		
13	Providing, applying and finishing walls with Acrylic Smooth Exterior Paint "APEX ULTIMA" of M/S Asian Paints Ltd. or equivalent (two or more coats) in required shade and colour on exterior surface over and including suitable priming coat including preparation of surface as directed by BHEL.	950	Sqm		
14	Providing and applying two or more coats of Aluminium Paint of approved brand and manufacturer to give an even shade complete including surface preparation etc. as directed by BHEL.	200	Sqm		
15	Providing and fixing in position Barbed Wire weighing 9.38 kg per 100 meter (minimum) horizontally over existing angle iron post at all height fitted and fixed with GI staples, turn buckles etc. including removal of existing barbed wire complete as directed by BHEL.	2350	Meter		
16	Re-painting over existing BHEL Logo of aprox. Size 200 mm x 200 mm with approved quality of paint preferably with Aluminium Paint complete as directed by BHEL.	35	Nos		
	Sub Total				
	Add Taxes @				
	Total				