

PDPM IIITDM JABALPUR

Schedule of Quantities

Name of work: Making shade with percolated G.I. sheet for dispose of garbage near BSNL Tower at IIITDM Jabalpur.

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
2.80	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
2.8.1	All kind of soil	Cum.	17		
4.10	Providing and laying in position cement concrete of specified grade excluding the cost of cantering and shuttering - All work up to plinth level :				
4.1.1	1:5:10 (1 cement : 5 coarse sand (zone-III): 10 graded stone aggregate 40 mm nominal size)	Cum.	6.3		
5.10	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of cantering, shuttering, finishing and reinforcement - All work up to plinth level :				
5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size).	Cum.	11		
5.22	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.				
5.22.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	KG	125		
5.90	Centering and shuttering including strutting, propping etc. and removal of form for all heights				

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm.	34.56		
6.10	Brick work with common burnt clay F.P .S. (non modular) bricks of class Designation 35 in foundation and plinth in:				
6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum.	15.56		
6.40	Brick work with common burnt clay F.P .S. (non modular) bricks of class designation 35 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum.	11		
10.16	Steel work in built up tubular (round,square,or rectangular hollow tubes etc.) Trusses etc. including cutting, hoisting, fixing in position and applying priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
10.16.1	Hot finished welded type tubes	kg	842		
10.25	Steel work welded in built up sections/framed work including making spikes,rings, and cutting, hoisting, fixing in position as required				
10.25.2	In gratings, frames, guard bar, ladders, railings, brackets, gates and similar works.	kg	306		
11.40	52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix: 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	Sqm.	40		

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
11.13	Providing and fixing glass strips in joints of terrazo/ cement concrete floors.	Meter			
11.13.1	40 mm wide and 4 mm thick	Meter	60		
12.40	Providing ridges or hips of width 60 cm overall width plain G .S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G .I. limpet and bitumen washers complete.				
12.4.2	0.63 mm thick with zinc coating not less than 275 gm/m ²	Meter	7		
12.50	Supply and installation percolated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) .50mm +/- 5% total coated thickness (TCT) thick zink coating 120gsm as per IS : 277 in 240mpa steel grade , 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 mtr. Or as desired by Engineer-in-charge.The sheet shall be fixed using self drilling /self taping screws of size (5.5x55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm dia with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/vertical or curved surface excluding cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm.	42		
13.40	12 mm cement plaster of mix :				
13.4.2	1:6 (1 cement: 6 coarse sand)	Sqm.	115		
13.50	15 mm cement plaster of mix :				
13.5.2	1:6 (1 cement: 6 coarse sand)	Sqm.	115		
13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
13.61.1	Two or more coats on new work.	Sqm.	111		

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
13.42	Distempering with 1st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.				
13.42.1	Two or more coats on new work sqm.	Sqm	95		
19.60	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement: 2 fine sand) including testing of joints etc. complete:				
19.6.5	450 mm dia. R.C.C. pipe metre 720.95	Meter	7		
NS-1	P/F hard had drawn steel wire fabric 25x25mm mess of 11 gauge wire complete as per direction of E-In-C.	sqm	69		
Ns-2	Supplying and filling in plinth with good earth under floors, including watering ramming, consolidating and dressing complete as per direction of E-In C	Cum.	45		
Total Amount					