

# PDPM IIITDM JABALPUR

## Schedule of Quantities

Name of work: Making Gas Bank shade for Visitors' Hostel at IIITDM Jabalpur.

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m 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 50m.				
2.8.1	All kinds of soil	Cum.	1		
5.2	Reinforced cement concrete work in walls(any thickness), including attached pilasters, buttresses, plinth and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement:				
5.2.2	1:1.5:3 (1 Cement: 2Course sand: 3graded stone aggregate 20mm nominal size.)	Cum.	1		
5.22	Steel reinforcement for R.C.C. work including straightening, cutting,bending,placing in position and binding all complete upto plinth level.				
5.22.6	Thermo mechanically Treated bars	Kg.	25		
5.9	Centering and shuttering including strutting, propping etc. and removal of form for :				
5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm.	4		
5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm.	2		

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
6.1	Brick work with F.P.S. (non modular) bricks of class designation 3.5 in foundation and plinth in:				
6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum.	3		
8.2	Providing and fixing 18mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters window sill, facias and similar locations of required size, approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement: 4 Coars sand), joints treated with white cement, mixed with machine pigment epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.				
8.2.1	Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble				
8.2.1.1	Area of slab upto 0.50 sqm	Sqm.	2		
8.3	Providing edge moulding to 18mm thick marble stone counters, Vanities etc,including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in Charge.				
8.3.2	Granite work	Met.	4		

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
10.16	Steel work in built up tubular (ropund,square or rectangular hollow tubes) truss etc., including cutting, hosting, fixing in position and applying a 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.	150		
10.25	Steel work welded in built up sections/framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required				
10.25.1	In gratings, frames, guard bar, ladders, railings, brackets, gates and similar works.	Kg.	200		
13.1	12 mm cement plaster of mix				
13.1.2	12 mm cement plaster 1:6 (1 cement : 6 sand)	Sqm.	10		
13.2	15mm cement plaster on the rough side of single or half brick wall of mix:				
13.2.2	1:6( 1 cement:6fine sand)	Sqm.	10		
13.41	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade.				
13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm.	10		
13.46	Finishing walls with Acrylic Smooth exterior paint of required shade:				
13.46.1	New work (Two or more coat applied@ 1.67 Ltr./10sqm over and including priming coat of exterior primer applied @2.2kg/sqm)	Sqm.	10		

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
13.61	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give and even shade:				
13.61.1	Two or more coats on new work	Sqm.	30		
12.5	providing and fixing precoated galvanised iron profile sheets( size, shape and pitch of corrugation as approved by Engineer-in Charge) 0.50mm (+0.05%) total coated thickness with zink coating 120 grams per IS:277, in 240 mpa steel grade, 5-6 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length up to 12 meter or as desired by engineer -in Charge. the sheet shall be fixed using self drilling/self tapping screws of size (5.5X55mm) with EPDM seal, complete up to any purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm.	15		
12.51	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50mm (+0.05%) total coated thickness, Zink coating 120 grams per sqm as per IS:277, in 240 mpa steel grade 5-7 micron epoxy primer on both side of the sheet and polyester top coat 15-18 micron using self drilling/self tapping screws complete:				
12.51.1	Ridges plain (500-600mm)	Rm.	4		
<b>Total</b>					