

PDPM IITDM JABALPUR

Schedule of Quantities

Name of work: Miscellaneous works at old canteen (near Allahabad Bank) to accommodate lab.

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
2.80	Earth work in excavation 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 kinds of soil.	Cum	12		
2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	12		
4.10	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level :				
4.1.10	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 50mm nominal size).	Cum	2.5		
5.90	Centring and shuttering including strutting, propping etc. and removal of form for :				
5.9.1	Foundations, footings, bases of columns, etc. for mass concrete.	Sqm	13		
5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
5.22.6	TMT /Cold twisted bars.	Kg	250		

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
5.10	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring,shuttering,finishing and reinforcement - All work upto plinth				
5.1.2	1:1.5:3 (1 cement:1.5 coarse sand:3 graded stone aggregate 20mm nominal size)	Cum	2		
6.10	Brick work with common burnt clay FPS (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	3		
9.97	Providing and fixing aluminium tower bolts ISI marked anodised transparent or dyed to required colour or shade with necessary screws etc. complete:				
9.97.3	200x10mm	Each	2		
9.10	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete.				
9.101.2	Twin rubber stopper.	Each	1		
10.16	Structural steel work welded in built up sections, pipes tubes, trusses and framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.				
10.16.1	Hot finished welded type tubes	Kg	250		
	SH: Roofing				

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
12.50	Supply and installation precoated 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 tapping 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 purlis ,rafters and trusses and including cutting to size and shape wherever required.	Sqm	26		
13.40	12mm cement plaster of mix:				
13.4.2	1:6 (1 cement : 6 coarse sand)	Sqm	40		
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	50		

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
21.10	Providing and fixing anodised aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS: 733 and IS: 1285, anodised transparent or dyed to required shade according to IS: 1868. (Minimum anodic coating of grade AC 15), fixed with rawl plugs and screws or with fixing clips, or with expansion hold fastners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/ neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle. Aluminium snap beading for glazing/ panelling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of the Engineer-in-Charge. (Glazing and panelling to be paid for separately).				
21.1.1	For fixed portion.	Kg	10		
21.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).	Kg	55		
21.30	Providing and fixing glazing in aluminium door, windows, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of the Engineer-in-Charge. (Cost of aluminium snap beading shall be paid in basic item).				
21.3.2	With float glass panes of 5.0mm thickness .	Sqm	9		

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
NS-1	Providing and fixing of metal stud making out from GI Frame structure of size 50mm x 30mm for top & floor channel & 50mm x 28mm as a vertically stud channel place on 600mm centre to centre outer periphery fixed on MS Tubular pipe of size 50 x 25mm for giving extra strength & glazing of the partition . 10mm thick non asbestos cement particle board fixed on both sides of GI frame structure with dry wheel metal screws. All joints to be filled by jointing compound. & Fiber tape. Two coats of Birla Putty & Acrylic Emulsion of desired shade on both faces of partition.	Sqm	110		
NS-2	P/F polished katani stone (20 to 25mm thick) over 20mm cement mortar of mix 1:4 (1 cement :4 sand) and finishinf of joints with white cement complete as per direction of Engineer-In- Charge.	Sqm	20		
NS-3	Providing & fixing in position suspended false ceiling with snap grid system of size 600mmx600mm comprising of main runner as GI powder coated (bottom) of size 38mmx24mm and cross T of size 24mmx24mm suspended from Roof or purloins with 3mm G I suspension hangers of spacing not more then 600x1200mm center to center. 4mm thick HPSC non asbestos cement fiber self texture ceiling board	Sqm	85		
NS-4	P/F 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 (interior) in panelling fixed in aluminium doors ,windows shutter and partition frames with C.P. brass /stainless steel screws etc. complete as per architectural drawing and directions of Engineer -in-charge.				
a	Prelaminated particle board with decorative lamination on one side and balancing on other side.	Sqm	1		
NS-5	Providing and fixing aluminium handles anodised transparent or dyed to required colour and shade with necessary screws etc. complete.				

Sl. No.	Description	Unit	Qty.	Rate (In figure & words)	Amount (In figure & words)
a	200mmx10mm	Each	2		
NS-6	P/F door closer of approved make complete with all necessary screws.	Each	1		
NS-7	P/F door lock of approved make complete with all necessary screws.	Each	1		
NS-8	P/F maruti lock in sliding windows complete as per direction of E-In-C.	Each	8		
NS-9	Dismantling of existing shed (truss, precoated GI sheet) and refixing the same with increasing the pipe height complete as per direction of Engineer -In- charge. (additional pipes,sheets shall be paid seperately). Area 91.0 sqm (aprox)	One Job	1		
Total Amount					