

**PRICE BID****Bill of Quantities****NAME OF WORK: CONSTRUCTION OF VSM LAB BUILDING FOR BALANCE CIVIL WORKS AT SNBNCBS**

Sl. No.	Description of Work	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Cum	1.00		
2	Demolishing brick work (in cement mortar) manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	Cum	4.00		
3	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below	each	2.00		
4	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm	5.00		
5	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing :				
	i) 1:1½:3 (1 cement : 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	Cum	3.00		
	ii) 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	Cum	2.00		
6	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary groove cutting on wall, excavation, levelling & dressing & finishing the top smooth.	Sqm	30.00		
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or rougening of concrete surface, including throating, nosing and drip course where necessary. 15 mm. thick plaster (6:1) with coarse sand	Sqm	180.00		
8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	10.00		
9	Steel work in built up tubular ( round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer including welding and bolted with special shaped washers etc. complete.	Kg.	1000.00		
10	Providing and fixing 15 cm wide, 45 cm overall semi-circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete 0.80 mm thick with zinc coating not less than 275 gm/m <sup>2</sup>	M	25.00		

Sl. No.	Description of Work	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
11	Supplying of pre-fabricated polyurethane sandwich panel of 60mm thickness of suitable length and width including appropriate overlapping, with 0.5mm thick hot dipped high tensile galvanum, one side trapzoidal with colour coated polyester and the other side plain with similar colour coating, polyols and Isocyanates injected between two colour coated metallic sheets and fitting and fixing of the panels with necessary fittings and fixtures, staging and scaffolding all complete as per relevant IS code, technical specification and direction of EIC (payment will be made as per top surface area and rate to be quoted including overlapping and wastage).	Sqm	95.00		
12	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :				
	Ridges plain (500 - 600mm)	Mtr.	12.00		
13	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc. complete.				
	Size of Tile 600x600 mm for floor	Sqm	65.00		
	Skirting minimum 100mm	Sqm	10.00		
14	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
	25 mm thick	Sqm	25.00		
15	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	Sqm	4.00		
16	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	120.00		
17	Cement primer approved make on plastered surface to receive flat wall paint or plastic emulsion paint including preparation of surface by sand papering, putty etc.	Sqm	120.00		
18	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One or more coats on new work	Sqm	120.00		
19	Finishing walls with acrylic exterior paint of required shade & approved make and brand new work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied 2.20kg/10 sqm.	Sqm	140.00		
20	Providing and fixing aluminium work for for doors, windows, ventilators partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / architectural paneling, C.P. brass / stainless steel screws, all complete as per drawings and the directions of Engineer-in-charge. (Glazing with 4mm thick float/frosted glass, paneling and dash fasteners all inclusive & complete in all aspect)				

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	i) For fixed portion (polyester powder coating 50 micron)	Sqm.	70.00		
	ii) 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 EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) including locking arrangement as per direction of EIC.	Sqm.	20.00		
21	Providing fitting and fixing of 12.5mm thick Gypsum board false ceiling of approved quality (plain and full perforated in combination, 60:40) using 19mmX19mm, 28 gauge GI frame work (600mm x 600mm grid) including provision for fixing of lights, speakers, AC as necessary and hanging from steel truss etc. with two coats of acrylic emulsion paint (Asian Paints/ICI/Berger) on single priming coat all complete.	Sqm	65.00		
22	Neat cement punning.	Sqm	20.00		
23	Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 300 mm long with SS screws etc. complete as per direction of Engineer-in-Charge.				
	Anodized (AC 15 ) aluminium tubular handle bar	each	20.00		
24	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary:				
	a) On steel or other metal surface with super gloss (hi-gloss) - Two coats (with any shade except white)	Sqm	50.00		
25	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	each	10.00		
26	Providing and fixing Brass/SS 150 mm floor door stopper weighing not less than 0.357kg, with necessary screws etc. complete.	each	10.00		
27	Providing and fixing 100mm brass/SS locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete. Each	each	8.00		
28	Supplying of PVC rain water pipe 110mm dia approved make including necessary fittings and fixing with G.S. sheet gutter.	M	10.00		
	<b>Total</b>				

In Words:

Name of the Agency

Address of the Agency

Signature with Seal of the Agency

Date





