

**ESTIMATE FOR PROPOSED SEMINAR HALL AT ROOM NO 50 & NEW ZOOLOGY LAB NEAR ROOM NO 57,58 AT SHIBPUR DINOBUNDHOO INSTITUTION (COLLEGE) SHIBPUR-711102**

**[Ref: PWD/Building, Sanitary & Plumbing [w.e.f 01/11/2017], Road & Bridge [w.e.f 01.12.2015] AND FOLLOWING SUBSEQUENT CORRIGENDA AND ADDENDA**

SI No.	Description Of Item	Total Quantity	Unit.	Rate.	Amount
1	Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed. Page 11 Item No 10	181.39	M <sup>2</sup>	19	3446.41
2	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m.b) Extra rate for each addl. Floor over the rate of ground floor Page 10 Item No 1 b	1.11	M <sup>3</sup>	547	607.17
3	Brick work with 1st class bricks in cement mortar (1:6)(b) In superstructure, ground floor Page 15 8 b At 2nd Floor	9.5	M <sup>3</sup>	5736	54492
4	125 th. Brickwork with 1st. Class bricks in cement mortar (1:4). . At Ground Floor Page-16 , Item-16	60.98	M <sup>2</sup>	746	45491.08
5	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.(i) Pakur Variety Page 26 Item No 10 i	1.5	M <sup>3</sup>	5707.97	8561.96
6	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. a) For works in foundation, basement and upto roof of ground floor/upto 4 ml. SAIL/ TATA/RINL Ref P.W.D. Bldg Page 28 Item No 15 I	0.125	M.T.	58103	7262.88
7	Hire & labour charge for shuttering with centering and necessary staging up to 4m. Using approved stout props & thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (Up to roof of Ground floor) 25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-Charge. Page No.42 , Item No 36.b .	18.81	M <sup>2</sup>	347	6527.07
8	Plaster (to wall, floor, ceiling etc.) with sand & cement mortar including rounding off or chamfering corners as directed & raking out joints including throating, nosing & drip course , scaffolding /staging where necessary. (Ground floor).[Excluding cost of chipping over concrete surface]. with 1:4 cement mortar, 20 mm. thick plaster. In-side & ceiling Page-189, Item No-1.(ii).(a)	275	M <sup>2</sup>	180	49500.00

SI No.	Description Of Item	Total Quantity	Unit.	Rate.	Amount
9	<p>Providing and fixing of false ceiling with powder coated exposed G.I. gridsuspension system (E-Grid T 2430/1510 or equivalent load carrying capacity withmid span deflection not exceeding 1/360 span with hanger spacing of 1200mm c/c ) consisting of Main Runner 3600 mm long, Cross Tee 1200 mm / 600 mm longand Wall Angle. The Wall Angle shall be fixed on PVC Dash Fasteners on theperimeter of the wall by steel screws with distance 300mm c/c. The Main Runners to be placed @ 1200 mm. The Cross Tee 1200mm will be inserted in the pre-cutslots of Main Runner at a regular interval of 600 mm to form a modular grid of1200mm X 600mm. Additional Cross Tees of 600 mm shall be placed perpendicular to the Cross Tee 1200 mm long to finally form a grid of 600 mm X600 mm. Grid of module size 600 mm X 600 mm shall be supported by 6 mm diaG.I. wire from purlins / soffit. 4 mm thick High Pressure Steam Cured Non Asbestos pearl designer Fibre Cement Standard Ceiling Board (Density &gt; 1500Kg/m3) of size 595 mm X 595 mm, conforming IS 14862 &amp; Type A Category IV of 8336, tested as per AS-1530 part 3 &amp; BS-476 Part 4,5,6,7 &amp; 8, should be placed in the Grid module to form a False Ceiling. All complete as per the drawing &amp; directions of Engineer-in-charge. In ground floor.Page 160 Item No 4 a</p>	318.27	M <sup>2</sup>	705	224380.35
10	<p>Applying interior grade Aryclic Primer of approved quality and brand on plastered o concrete surface old or new surface to recive distamper / Aryclic emulsion paint including scaping and preparing the surface throughly ,complete as per manufactures specification i) Water based interior grade Acrylic Primerr Page no 196 item 8 bi</p>	275	%M <sup>2</sup>	4420	12155.00
11	<p>Acrylic Distemper to interior wall, ceiling with a coat of solvent basedinterior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothning of surface. Two Coats Page 196 item no 10</p>	275	M <sup>2</sup>	70	19250.00
12	<p>Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. Page - 200, Item -1, a</p>	60	M <sup>2</sup>	29	1740.00
13	<p>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, : (b) On steel or other metal surface : With other than hi-gloss of approved quality. i) One coats ( with white) Page - 200, Item – (B i),</p>	60	M <sup>2</sup>	49	2940.00
14	<p>Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. Page - 200, Item -1, b</p>	49.56	M <sup>2</sup>	41	2031.96
15	<p>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 timber or plastered surface With other than hi-gloss of approved quality. i) One coats ( white ) Page - 200. Item – 2(a) i</p>	49.56	M <sup>2</sup>	52	2577.12

SI No.	Description Of Item	Total Quantity	Unit.	Rate.	Amount
		<b>Total</b>			<b>Rs. 4,40,962.99</b>
		<b>Add GST 12%</b>			<b>Rs. 52,915.56</b>
		<b>Cost Include GST</b>			<b>Rs. 4,93,878.55</b>
		<b>Add Cess 1%</b>			<b>Rs. 4,938.79</b>
		<b>Total</b>			<b>Rs. 4,98,817.33</b>
		<b>Grand Total</b>			<b>Rs. 4,98,817.33</b>
		<b>Say</b>			<b>4,98,817.00</b>