

# PRESIDENCY UNIVERSITY

OFFICE OF THE PLANNING AND DEVELOPMENT

**Name of the Work:- Repairing & painting of Microbiology Lab at DBS's Botany section in Baker building at Presidency University, 86/1, College Street, Kolkata- 700 073.**

(This estimate has been prepared on the basis of current PWD Schedule of Rates ( Kolkata), 2014 (Effective from 1st July,,2014 )

**Estimate No:- C-21/2015-16**

Sl No	Items of work	Qty.	Unit	Rate	Amount
1	Lifting up wooden work bench table with drawers or reagent racks along with sink and waste pipe and removing the same outside the room carefully without disturbing or damaging other working table, almirah, fridge etc. and resetting again after completion of renovation work in same position. By Mazdoor PWD-sch./Civil [Page no- 267, Item no-3]	8	Each	245.00	1,960.00
2	Stripping off worn out plaster and raking out joints of walls, celings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed. PWD-sch./Civil [Page no- 8, Item no-10]	65	Sqm	19.00	1,235.00
3	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. a) In ground floor including roof. PWD-sch./Civil [Page no- 7, Item no-1]	1	Cum	451.00	451.00
4	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 PWD-sch./Civil [Page no- 14, Item no-7]	0.5	Cum	5,389.00	2,694.50
5	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] PWD-sch./Civil [Page no- 151, Item no-2]				
	(i) With 1:6 cement mortar (b) 20 mm thick plaster	65	Sqm	181.00	11,765.00

Sl No	Items of work	Qty.	Unit	Rate	Amount
6	(a)Cleaning the walls and ceiling by scraping, sand papering and smoothening down the surface including putting. PWD-sch./Civil [Page no- 162, Item no-6]	100	Sqm	18.00	1,800.00
7	(e) Spot application for insecticides using Aqua base spray for pest (for bugs, cockroaches, silverfish, spider, termites, mosquitoes) to walls and ceiling etc. with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight including spraying the emulsified chemical @ 0.5 litres per sq.m. by a hand operated pressure pump on wall surfaces, ceiling, electrical fixture,electrical lines including drilling holes in-places where source of termite is detected squirting chemical solution into the holes and sealing the holes with cement grout. (Rate is per sq.m. of the floor area while actual work will be all walls ceiling, rack, partition and furniture). PWD-sch./Civil [Page no- 6, Item no-8,e]	160	Sqm	49.00	7,840.00
8	(b) Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick) PWD-sch./Civil [Page no- 161, Item no-5,b]	65	Sqm	122.00	7,930.00
9	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor) (a) One Coat i) Water based interior grade Acrylic Primer PWD-sch./Civil [Page no- 157, Item no-14]	160	Sqm	33.33	5,332.80
10	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) : (Two coats) ii) Luxury Quality PWD-sch./Civil [Page no- 163, Item no-9]	160	Sqm	76.00	12,160.00

Sl No	Items of work	Qty.	Unit	Rate	Amount
11	(a) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. PWD-sch./Civil [Page no- 162, Item no-7,a]	60	Sqm	41.00	2,460.00
12	(A) 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 super gloss (hi-gloss) - (iv) Two coats (with any shade except white) PWD-sch./Civil [Page no- 162, Item no-8,a]	60	Sqm	89.00	5,340.00
13	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge.(White cement, synthetic adhesive and grout material to be supplied by the contra conc (II) With Polymerised Adhesive [6 mm thick] & epoxy grouting materials for filling joints including spacer-2 mm	52	Sqm	2,079.00	1,08,108.00

Sl No	Items of work	Qty.	Unit	Rate	Amount
14	Taking out shutter of door and window, dismantling by parts (for repair or replacement of damaged parts), reassembling and refitting and rehangng same with old fittings but with new screws as necessary. (Where different parts of same shutter are renewed under different item, PWD-sch./Civil [Page no- 102, Item no-73]	12	Sqm	128.00	1,536.00

Total Cost= ₹1,70,612.30

Say, ₹1,70,613.00

Rupees One Lac Seventy Thousand Six Hundred and Thirteen Only.

I/We agree to carry out the work mentioned in the General Summary at par\*/.....%

( ..... percent) above \*/ ..... % ( ..... percent) below\*  
the rates shown in the specified estimate.

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Signature of the Tenderer

\*Please cross whichever is not applicable