

Name of Work: Setting Up of Laboratory Facility For Dr. Dimple Lab in Ground Floor of Eastern Laboratory**Schedule of Quantity**

Sl. No.	Description	Unit	Qty	Rate (in words and figures)	Amount
1	Dismantling the existing Aluminium partitions,glass, boards in doors, windows, panels etc., upto an height of 3 mtr and shifting and stacking the material with in lead of 50mtr including cleaning the section glass,board etc., complete all as per specications and as directed by E-in.C	Sqm	122.00		
	Rate in words				
2	Dismantling Gypsum board false ceiling including disposal of unservicable surplus material and stacking of servicable material with in 50 m lead as directed by Engineer - In - Charge.	Sqm	75.50		
	Rate in words				
3	Demolishing brick work/Solid block masonry in cement mortar including stacking of serviceable material and disposal of unserviceable material with in 50m lead	Cum	2.00		
	Rate in words				
4	Providing and fixing at all heights / in all floors with all leads of approved Colour powder coated Aluminium doors / windows / partitions manufactured from best extruded Aluminium sections conforming to ISI, cut to length, joints mitred and corners grinded with joints water proof the outer frame and shutter frame stiffened with corner angle strips or provided for in the frame for fixing the frame to RCC Columns / masonry on sides, RCC lintels on top and PCC cills or floor at bottom, the frame work fixed with standard approved fastenings all generally as per details shown in drawings and specification with all the sections pre-treated for removal of any rust and prevention of further rust formation and coated with greasy materials for non-adherence of mortar or any other sticky materials and this coat to be removed after installations of the sub-dividing frames by tenoned and riveted into frames all aluminium surface be thoroughly cleaned free or rust scale or dirt and mill scale by pickling surfaces finished with colour powder coated dull matt finishing 50 MICRON thick including cost of pull and push plates and fixtures for hinged openings (arrangement with steel bearings wherever necessary),				
4a	Providing and fixing of Colour Powder coated Aluminium (Matt finish) frame work (horizontal and verticals) for partitions Doors / Windows with required sections of JINDAL / INDAL make or equivalent including all items and contingencies described above complete (Aluminium beadings and glazing clips measured under this item only).	Kgs	160.00		

Sl. No.	Description	Unit	Qty	Rate (in words and figures)	Amount
	Rate in words				
4b	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	Kgs	25.00		
	Rate in words				
5	Providing Core Cutting for walls/ for slabs of 100-150mm dia including neat finishing and cleaning as directed by Engineer In-Charge	Nos	2.00		
	Rate in words				
6	Providing and fixing glass panes of selected glazing quality and thickness as specified below including providing and fixing Nylon / Rubber / PVC lining of approved quality and fixing with Aluminium glazing clips / Aluminium beadings (Supply cost of Aluminium clips / Aluminium beadings are measured in items T065A and T065B above for DOORS / WINDOWS / PARTITIONS etc., using 4.5mm to 5.0mm thick plain glass	Sqm	17.50		
	Rate in words				
7	Providing and constructing HALF BRICK MASONRY walls/partitions in following mixes using approved well burnt bricks of class designation (Classification as per IS 1077-1986) as specified below, including scaffolding, raking out joints, curing, etc; all as directed by the engineer-in-charge in SUPERSTRUCTURE UPTO FLOOR FIVE LEVEL. (The mix ratio specified is for cement : coarse river sand)				
7a	Using bricks of class designation '5.0' (minimum average compressive Strength not less than 5.0N/sqmm) in cement mortar 1:4	Sqm	4.00		
	Rate in words				
8	Plastering 20mm thick with cement mortar specified below finished smooth with lime neeru, including scaffolding, curing, etc; complete for INTERNAL SURFACES of stone masonry/brick masonry walls, sills, jambs, etc; complete all as per specifications at all heights Mix specified is for cement : fine sand. NOTE: CM 1:3 OR CM 1:4 is generally applicable for ceilings and RCC surfaces unless otherwise specified: with CM 1:6. INCLUDING LIME NEERU	Sqm	7.00		
	Rate in words				

Sl. No.	Description	Unit	Qty	Rate (in words and figures)	Amount
9	Removing white or colour wash by scrapping,sand papering the surface smooth including necessary repairs etc complete for walls only.	Sqm	150.00		
	Rate in words				
10	Providing and fixing at all height in all floor with all lead seamless type M/F suspended False ceiling of India Gypsum or equivalent using GI perimeter channel of size 0.55mm thick (having one flange of 20mm and another flange of 30mm and a web of 27mm) along with perimeter of ceiling, screws fixed to brick wall / partition with the help of nylon sleeves and screws at 610mm centres. Then suspending GI intermediate channels of size 45mm (0.9mm thick with two flanges of 15mm each) from the soffit at 1220mm centres with ceiling angle of width 25mmx10mmx0.5mm thick fixed to soffit with GI cleat and steel expansion fasteners. Ceiling section of 0.55mm thickness having knurled web of 51.5mm and two flanges of 26mm each with lips of 10.5mm are then fixed to the intermediate channel with the help of connecting clip and in direction of perpendicular to the intermediate channel at 5\457mm centres. 12.5mm tapered edge gypboard (conforming to IS 2095-1982) is then screw fixed to ceiling section with 25mm dry wall screws with colour powder				
	Screws fixing is done mechanically either with screw driver or drilling machine with suitable attachment. Finally the boards of 12.5mm thick gyp board are to be jointed and finished so as to have a flush look which includes filling and finishing the tapered and square edges of the boards with jointing compound, joint paper tape and two coats of drywall topcoat suitable for gypboard including providing scaffolding and executing the work at all heights. (Please refer drawing for details and recommended practices of India Gypsum or equivalent). NOTE: For lighting fittings, grills diffuses and cut-outs etc., have to be made with the frame of perimeter channels of size 20mm x 27mm x 30mm x 0.55mm thick supported suitable and should be considered as per drawing.	Sqm	50.00		
	Rate in words				

Sl. No.	Description	Unit	Qty	Rate (in words and figures)	Amount
11	Providing and fixing of ' Classic lite ' Microlook Edge (Armstrong) Mineral Ceiling Tile in true horizontal level, false ceiling grid manufactured by M/s. Armstrong World Industries or equivalent using hot dipped galvanized steel sections, exposed surface chemically cleaned capping prefinished in baked polyester paint, Armstrong main tee size 30 x 15mm every 1200mm c/c maximum and rotary stitched 1200mm, Armstrong cross tee at every 600mm c/c and 600mm Armstrong cross tee at every 1200mm c/c maximum and Armstrong wall angle all-round the wall to form grid size of 600x600mm and suspending the grid using 2mm pre straightened GI rod / wire and 8mm dia anchor fasteners at every 1200mm intervals at the main tee and laying ' Classic lite ' Microlook Edge (Armstrong) Mineral Fibre Ceiling Tiles of size 600mm x 600mm x 15mm over the formed grid, including providing necessary openings and additional framework required for light fittings, etc., manufactured by M/s Armstrong World Industries, having fire rating of 60 minutes as per BS 476 / 23 of 1987, light reflection of >85%, Noise Reduction Co-efficient (NRC) of 0.50, Sound attenuation of 32db, k-0.052 - 0.067 W / m K, weight of 4.0kg/sqm and Humidity Resistance of 95%. The work shall be executed as per the manufacturer's specifications and direction of engineer-in-charge.	Sqm	30.00		
	Rate in words				
12	Providing and applying Plaster Of Paris Putty (Birla Putty) of 2mm thickness over plastered surface to prepare the surface even and smooth complete for walls only.	Sqm	150.00		
	Rate in words				
13	Painting internal plastered surfaces with two or more coats of super acrylic emulsion paint of approved brand and colour (Berger or Asian or equivalent) to give an even shade with required finish over a coat of water thinnable cement primer including cleaning the surfaces, filling the crevices with approved filler, scaffolding, etc., complete all as per specifications.	Sqm	150.00		
	Rate in words				
14	Repolishing the existing terrazzo tile / cast-in-situ flooring / dado including finishing with oxalic acid, cleaning, etc; complete. 1 / 90	Sqm	107.00		
	Rate in words				

Sl. No.	Description	Unit	Qty	Rate (in words and figures)	Amount
15	Providing and fixing of Gerflor or equivalent range of approved colour and shade of homogeneous vinyl floors of size 200 cmx20m x 2.00 mm with:Static electrical propensity < 2.0, wear resistance < 2.0 mm ³ , Residual indentation of ~0.02mm, colour fastness of stage < 6 mm,thermal conductivity 0.25W/(m.K) and Anti-bacterial activity < 99% inhibits growth.. Gerflor Lab grede vinyl floor should be installed on a smooth , hard and absolutely leveled sub floor. . Clean the floor with a liquid detergent diluted with warm water stubborn marks can be removed with a fine abrasive powder and scouring pad. Rinse properly with clean water to remove all traces of detergent. Polishing or surfaces coatings on conductive Antistatic floors must not be used as these will leave a film over the floor surface which will alter the conductivity of the installation., including skirting.	Sqm	18.00		
	Rate in words				
				Total in Rs.	

Note: The contractor shall quote his rates in this schedule of quantities. Submission of tender in any other format is liable for rejection.

Total amount in words:-

Signature of the contractor:-

Date:

Address: