

Name of the work: InStem Lab- Proposed conversion of technical office space in to BSL-II at 2nd floor lab kitchen

Bill of Quantities

SL. No.	Description	Unit	Qty	Rate in figures	Rate in Words	Amount
	Dismantling works					
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 specifications and as directed by E-in.C	Sqm	100.00			
2	Refixing/re erecting the aluminium partition sections as a door, window, panels etc., with available aluminium sections and fixing the available boards and glasses including necessary rubber gaskets, hardware, tools, labour etc., complete	Sqm	60.00			
3	Disposing the building debris to out side the campus in an unobjectionable way from municipal Authorities by using mechanical transport including cost of labour for loading and unloading etc., complete and as directed by EIC.	Cum	5.00			
4	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	140.00			
5	Painting internal plastered surfaces with two or more coats of Premium super acrylic emulsion paint of approved brand and colour (Asian or Berger 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, applying a coat of approved putty on whole surface and rubbing the surface to acheive desired smooth surface, scaffolding, etc., complete all as per specifications.	Sqm	150.00			
6	Providing and applying PLASTER OF PARIS PUTTY (BIRLA PUTTY or equivalent) of 2mm thickness over plastered surface to prepare the surface even and smooth complete. Cost to include scaffolding charges also.	sqm	150.00			
7	Supplying, fabricating and erecting in position steel works in single sections including cutting, hoisting, fixing in position, applying a priming coat of red oxide zinc chromate primer and painting with two coats synthetic enamel paint, using bolts, nuts as necessary all as per drawings and specifications at all heights.					
7a	In Angles, Tees, and other Sections.	MT	0.30			

8	<p>Providing and fixing of Gerflor or equivalent range of approved colour and shade of Static homogeneous vinyl floors(Lab Grade) of size 200 cmx20m x 2.00 mm with:Static electrical propensity < 2.0, wear resistance < 2.0 mm³, 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 grade vinyl floor should be installed on a smooth , hard and absolutely leveled sub floor. Copper griddling may be used at the seams and then connected to the earthing as per the customer's requirement. 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 ., including skirting.</p>	sqm	10.00			
Modular partition and walkable ceiling						
1	<p>Supply Installation Testing & Commissioning of Modular partition Sandwiched wall panels of non progressive type of 50 mm overall thickness with powder coated sheets on both sides of 0.5mm thick (hot dip galvanising with zinc coating of 120 GSM). PUF(POLYURETHANE FOAM) as an infill material of density not less than that of 40+/- 2kg/m³. Periphery is attached with aluminium groove section(M-section) by using riveting operation to suitably fit wall panel to bottom track and to adjacent panels with o-section(AL). Powder coating shall be 60-80 microns & The panel will come with cutouts for switch sockets with proper flashing & sealing of cutouts as well as inclusive of PVC conduit of 3 metre length having outer dia. of 27mm. Panel to install with O Type profiles in between two panels and to be erected on GI bottom track grouted with concrete floor.</p>	sqm	35.00			
	<p>This item includes bottom runner, interconnecting profiles, fixing arrangements, silicon sealant application, pvc coving/ aluminum coving b/w false ceiling to wall panel and floor to wall panel, hardware, fitting & fixtures and all other accessories required to complete the work as per site requirement, technical specifications, drawings and instructions of the Engineer-Incharge. . Colour: Powder coated, as approved by inStem,</p>					

2	Supply & Installation of Door of 44-46mm thickness suitable to fix in 50mm thick wall panel made with PU painted / Powder coated 0.8mm thk GPSP sheets on both sides with honeycomb craft paper/PUF of density not less than 40 +/- 2 kg/cum as infill, 1.2mm thk GPSP powder coated door frames totally flush with the wall panels, including hardware like SS push plates, SS D Handle 304 grade(254 mm high), double glazed view glass (each 5 mm thick float glass) of size 350 x 450mm or as required, Stainless steel double bearing butt hinges as per BS 7352 CLASS 9, door closer (TS-68), concealed automatic door bottom drop seal, kick plate (300 mm height), panic bar (only in case of emergency door), tower bolt, locking arrangement (both side cylinder) , silicon sealant & all other necessary accessories etc. complete as per manufacturer specification or as per instruction of Engineer-in-Charge.	sqm	3.20			
3	Supply Installation Testing & Commissioning of Modular ceiling panels for walkable false ceiling of non progressive type of 50 mm overall thickness with powder coated sheets on both sides of 0.8mm thick (Hot dip galvanising with zinc coating of 120 GSM). PUF(POLYURETHANE FOAM) as an infill material of density not less than that of 40+/- 2kg/m3. Powder coating shall be 60-80 microns and panel will come with cut outs for light fixtures and terminal filters of required size. Panel to be hanged with suspension rod of 8mm dia and turn buckle and to be hanged with true ceiling. The Ceiling system shall also include Ceiling grid system consisting of T-grid , wall angle, suspender rod, turn buckle, nuts, bolts, anchor fasteners etc., as required for fixing the panels, & Hepa filter flashing, Ceiling grid configuration length and width shall be suitable for fixing ceiling blanks , HEPA module, Light fixtures etc. complete with all necessary hardware, accessories, fittings and fixtures, as per description in individual items, technical specifications, drawings and instructions of the Engineer-Incharge. All the suspended material shall be galvanized finish. Fire Rating - Class O and Colored as approved by Dept.	sqm	10.00			
4	Providing & fixing Aluminium Powder Coated coving / PVC covings of R70 to fill the gap between wall panel to false ceiling, Floor to wall panel and also between wall panel to wall panel & at corners. The covings are clip on type with extruded aluminium bottom track at the back to fix and finally all the joints sealed with silicon sealant etc complete as per manufacturer specification or as per instruction of Engineer-in-Charge.	Rmt	26.00			
				Total Amount		
Total Amount in words :						

Contractor Signature