

PROPOSED INTERIORS FOR BIO - INCUBATOR PHASE 2 - TENDER # 2					
S.No.	Item Description	QTY	Unit	Rate	Total
<b>A</b>	<b>Partitions</b>				
<b>1</b>	<b>Full ht. Gypsum - Gypsumboard Acoustic partition</b>				
	Providing and fixing in position double skin partition above finished on both sides with two layers of 12mm thk. gypsum board. Partition to be sound proof. Framework and board fixing strictly as per manufactures' specifications. All verticals frames are to be taken up to the ceiling level with concealed cleats and anchor fasteners. Rate to include providing Thermorex strip below bottom member to seal any gap along the floor. Rate also to include any making provisions in panels and framework, amking grooves and finishing the same to fix softboard (0.45x1.8m) and whiteboard (1.2mx3.2m) fixed on the partition flushed with the partition. Note softboard and whiteboard panels will be paid for separately. Rate also to include making openings for glass panels and doors by providing concealed frames on all sides, framework above false ceiling and any other provisions reqd. to facilitate the same, all hardware etc. all complete. Rate to include making cut outs etc. to facilitate a/c ducts laying etc. Rate to include finishing the gypsumboard with 2 or more coats of Dulux 3-in-1 plastic emulsion paint as per manufacturer's specifications all complete.	<b>48.4</b>	<b>SQM</b>		
1a	Partition above glass and de- mountable partitions till bottom of true ceiling - Same as item 2 with double board on both sides but with 50 x 50 mm aluminium sections. The partition is to be sturdy enough to take the load and support glass and de mountable aluminium framed glass partitions till 2400mm height.	<b>28.6</b>	<b>SQM</b>		
<b>2</b>	<b>Glazed panels in full ht partitions- 12mm TG</b>				
	Toughened glass partitions till 2400mm ht. - Providing and fixing of 12mm thick toughened glass full height glazed partitions fixed on top with beech wood beading of partition width and 18mm thickness and bottom with embedding in floor. Rate to include template for glass if required, Providing sealant in the joints, levelling and maintaining uniform grooves and levels. Note partition above the glass level would be measured and paid as per the finish in the respective items. Rate to include Al. skirting ,if reqd. at junction of floor and glass.	<b>58.0</b>	<b>SQM</b>		
<b>3</b>	<b>SINGLE GLAZED TOUGHENED GLASS PARTITIONS - WITH ALEXA SYSTEM-45 FRAME PROFILES-DE MOUNTABLE PARTITIONS</b>				

a	<p>Supply and Fixing of Slim Glass partition of 10mm Toughened Glass using DORMA Alexa System-45 Frames to a height of maximum 3m or as per drawing. The Fixed glass to be fixed using DORMA Alexa BP45 Profiles at Top &amp; Bottom &amp; Alexa SP45 at sides. The profile size to be 45x25MM to be fixed on to the floor/wall/ ceiling as per the architect design. DORMA Alexa H Junction profile to be used at all Glass to Glass vertical joints, 90 Deg L Junction Profiles and T Junction profiles necessary as per design. In case of Glass overall panel Alexa MP45 &amp; BP45 Overpanel Profile to be used. In case of Open glass edges EP45 End Profile to be used.</p> <p>The Alexa profiles shall be suitable for Glass thickness of 10/12/13.52mm. The Profile shall be matt natural anodized, the Profile Manufacturer to supply all the necessary clips, seals and fixing accessories for the system.</p> <p>All Profiles to be with 2 mm Gauge thickness Excluding 20 Micron of Anodizing.</p> <p>Approved Manufacturer: Profiles/Frames: DORMA, Glass : Saint Giobain/Asahi</p>	120.0	SQM		
	<b>SINGLE GLAZED TOUGHENED GLASS PARTITIONS - WITH ALEXA SYSTEM-100 FRAME PROFILES</b>				
b	<p>Supply and Fixing of Single Glazed Glass partition of 10mm Toughened Glass using DORMA Alexa System-100 Frames to a height of maximum 4m or as per drawing. The Fixed glass to be fixed using DORMA Alexa BP100 Profiles at Top &amp; Bottom &amp; Alexa SP100 at sides. The profile size to be 100x25MM to be fixed on to the floor/wall/ ceiling as per the architect design. DORMA Alexa H Junction profile to be used at all Glass to Glass vertical joints, 90 Deg L Junction Profiles and T Junction profiles necessary as per design. In case of Glass overall panel Alexa OHP100 Overpanel Profile to be used. In case of Open glass edges EP100 End Profile to be used.</p> <p>The Alexa profiles shall be suitable for Glass thickness of 10/12/13.52mm. The Profile shall be matt natural anodized, the Profile Manufacturer to supply all the necessary clips, seals and fixing accessories for the system.</p> <p>All Profiles to be with 2 mm Gauge thickness Excluding 20 Micron of Anodizing.</p> <p>Approved Manufacturer: Profiles/Frames: DORMA, Glass : Saint Giobain/Asahi</p>	40.0	SQM		
	<b>Total of Part A</b>				
<b>B</b>	<b>Doors</b>				
<b>1</b>	<b>Frameless Toughened Glass doors - single Leaf</b>				
	Size 1000 x 2400 - Providing and fixing glazed door single panel. Rate to include fixing of glass panel, hardwares of approved make; brushed stainless steel door handles <b>300mm high D type</b> (Kich or equivalent), locks, Dorma floor spring (Dorma or equivalent) etc. all complete.	4	NOS		
	Same as above but double leaf with 1 leaf 1000 wide and the other 500 mm.	1	NOS		
2	Sliding glass doors (Lockable) suitable for de-mountable partitions. Glass to be fixed with approved hardware Dorma or equivalent. Rate to include locks, handles etc as per approved sample (Kich or equivalent)	9	NOS		
3	<b>Flush doors with vision panels</b>				

	Extra over for dorma make glass hinges with door mounted glass door closer and other hardwares for the same, with vision panels of size 200x600 mm of 6 mm clear <b>toughened</b> glass fixed with TW beadings melamine polished to desired shade.	<b>QRO</b>	<b>NOS</b>		
	<b>Total of Part B</b>				
<b>C</b>	<b>Miscellaneous</b>				
<b>1</b>	<b>Paneling on walls &amp; Columns</b>				
	Paneling on walls - <b>Laminated finish</b> - Providing and fixing with 12mm MDF over framework of hard wood or 20mm MDF directly on wall finished with 1m laminate as per design / drawing all complete. Rate to include Aluminum "F" channel to be fixed on all exposed edges.	<b>17.01</b>	<b>SQM</b>		
<b>2</b>	<b>Writing Boards - Planilaque glass</b>				
	Providing and fixing with 3.5mm ceramic white board mounted over 8 mm commercial plywood. Edges of the board to be finished using aluminium "F" channel on all 4 sides. The white board is to be fixed on 100mm double skin gypsum partition flush with the second gypsum board.	<b>28</b>	<b>SQM</b>		
<b>3</b>	<b>Soft boards</b>				
	Soft boards - Providing and fixing pin up boards with 12mm thick soft board panels with 6mm MDF backing and covered with approved fabric (cost not less than Rs 300/=per mt) Edges of the board to be finished using aluminum "F" channel on all 4 sides. The soft board is to be fixed on 100mm double skin gypsum partition flush with the second gypsum board	<b>34</b>	<b>SQM</b>		
<b>4</b>	<b>Pen and duster holders</b>				
	P&F in position 50mm deep pen & duster in the double skin gypsum partitions. Size of holder to be 450mm x 100 mm made by making a "slot" in the partition and inserting the box. The box to be made with 8mm ply allround but the rear to be 18mm plywood. Insides to be duco painted to desired shade all complete.	<b>14</b>	<b>NOS</b>		
<b>5</b>	<b>Pelmets</b>				
	Pelmets - Providing and fixing 6"x12" pelmet made of 18mm commercial plywood firmly fixed on the walls .The external surfaces have laminate and the internal surfaces to be painted /polished . The edges shall be fixed with 6mm thick melamine polished TW lippings.	<b>9</b>	<b>RM</b>		
<b>6</b>	Blinds - Providing and fixing Black-out Roller blinds as per approved make. (basic rate 110/sft)	<b>12.0</b>	<b>SQM</b>		
<b>7</b>	Same as above but for perforated blinds (Translucent).	<b>11</b>	<b>SQM</b>		
<b>8</b>	<b>Architectural films - Providing and fixing of 3M dusted crystal</b>	<b>25</b>	<b>SQM</b>		
<b>9</b>	Boxing - Providing and fixing Plywood boxing in locations as per drg. With 6mm plywood over necessary framework of hard wood with 1mm laminate finish. Rate to include providing grooves, shapes all as per drg., hardware all complete. Surface area of panelling around the boxing will be measured for payment.	<b>12</b>	<b>SQM</b>		
<b>10</b>	Wall paper - Application of wall paper as per approved sample. Rate to include surface preparation.( <b>Basic Rate Rs.150/- sqft</b> )	<b>QRO</b>	<b>SQM</b>		
<b>11</b>	Mirrors 6mm - For toilets as per drg. Rate to include 12mm backing ply, fixing with 3m double side tape, laminated or polished wooden frames as reqd.	<b>QRO</b>	<b>SQM</b>		
<b>12</b>	Boxing - Providing and fixing 350 mm deep boxing in locations as per drg. With 12mm mdf over necessary framework of Aluminium sections of 50x25mm with 1mm laminate finish. Rate to include providing grooves, shapes all as per drg., hardware all complete. Surface area of panelling around the boxing will be measured for payment.	<b>QRO</b>	<b>SQM</b>		
<b>13</b>	Same as above but with paint finish instead of laminate- For stretch ceiling.	<b>26</b>	<b>SQM</b>		

14	Same as above but with 12mm com ply and aluminium frame and gyp board on top on both sides	5	SQM		
15	Same as above but with 12 water proof ply.	2	SQM		
16	Providing and fixing wooden platform with steps of 300 mm tread and 150 risers till 1000mm level from floor finish, The platform is to be made of ply wood over a frame of block wood as per standard spacing in order to achieve a sturdy and rigid platform. The top is ot be finished with vinyl tiles to match with the flooring material. Plan area to be measured and paid for.	4	SQM		
	<b>Total of Part C</b>				
	<b>GRAND TOTAL</b>				
	<b>TAXES</b>				
	<b>OVERALL TOTAL</b>				

<b>Client:</b>	<b>BIO - INCUBATOR ,DEPT OF BIO TECH ,IIT, Madras.</b>		
<b>Project:</b>	<b>PROPOSED INTERIORS FOR BIO - INCUBATOR Phase 2</b>		
<b>Location:</b>	<b>5rd FLOOR, C block @ IITMRP Madras.</b>		
<b>Title:</b>	<b>LIST OF MAKE OF MATERIALS</b>		
<b>Architects:</b>	<b>VARSHA &amp; PRADEEP ARCHITECTS</b>		
<b>Sl.No.</b>	<b>Material Details</b>	<b>Brands</b>	<b>Remarks</b>
1	Laminates	Greenlam, Formica, Merino or equivalent	All verical and horizontal surfaces are fixed with 1.0 mm laminate.
2	Gyp Board False Ceiling	Gyp Board Or Equivalent with gypsteel sections	
3	Grid Ceiling	Armstrong Or Equivalent	
4	Vertical Blinds	Vista Or Equivalent	
5	Pin up Boards	Approved Brands	
6	Glass	St. Gobain, Asahi or equivalent	
7	Plywoods	Centrury, Green. Merino or equivalent	
8	Aluminum	Hindalco, Jindal, Bhoruka	