Client:	BIO - INCUBATOR, DEPT OF BIO TECH, IIT, Madras.									
Project:	PROPOSED INTERIORS FOR BIO - INCUBATOR @ IITMRP & IIT, Madras.									
Location:	3rd FLOOR @ IITMRP & 2nd FLOOR @ IIT, Madras.									
B.O.Q	B.O.Q FOR INTERIOR & ALLIED WORKS									
Architects:	VARSHA & PRADEEP ARCHITECTS									
		Qty				Rate		Amount	r	
S.No.	Item Description	IITMR	IIT,M	TOTAL	Unit					
		SQM	SQM	SQM		/SQM	IITMRP	IIT,M	TOTAL	
A	Civil and related works									
1	Vitrified tile flooring in flooring & skirting									
	Providing and laying in position, line and level anti-skid vetrified tile flooring (basic rate Rs. 80/sft). Rate to include surface preparation, bedding mortar with all joints complete.	195.7	0.0	195.7	SQM					
2	Granite threshhold(Polished or flammed finish)									
	Providing and laying in floors 20 mm thick granite slabs over a bed of 40mm - 50 mm thick bedding mortar 1:4 (1 cement : 4 coarse sand) jointed with white cement slurry mixed with pigments as per approved color.	0.6	0.0	0.6	SQM					
3	Stainless Sink with Drain board									
	Supply and fixing Stainless Steel Sink with drain board supported by CI/MS Brackets duly painted, CP cast brass bottle trap with extension piece, rubber adaptor, wall flange, union, CP brass chain rubber plug & making good. Parryware Make or equivalent)	1			NOS					
4	Epoxy Paint									
	Providing and applying 500 microns epoxy floor coating. Rate to include surface preperation, apply epoxy primer & epoxy paint in two or more layers not less than 500 microns ,complete thickness.	10.9	0	10.9	SQM					
5	Same as above ,for walls.	7.05	0	7.1	SQM					
6	Provisional Sum for dismantalling & minor construction				PS					
7	Plumbing works				PS					
а	GI Pipes class – C with pipe specials									

		Supplying and fixing approved make GI Pipes – Class – C - heavy grade and pipe special with threaded / flanged joints cutting the pipes, laying to slopes where required fixing to perfect testing for joints and the materials, cutting grooves to conceal the pipes, making holes in all surfaces, restoring the damaged portions with required materials, etc. complete. Quoted rate shall include labour charges and (a) cost of specified material in the item description for the requirement, Cutting the pipes to required length, Fixing pipe with pipe specials as specified by the manufacturer with required fixing materials, Cutting groove on walls / floor to conceal the pipe work, Restoring damaged portion with required materials , Providing and removing necessary scaffolding, Two coats of bitumen painting, Conducting testing, Storing the materials, lead and lifting charges to all locations and at all floors with in the site, Providing MS angle supports for pipes laid in false ceiling using G.Lhangers fixed to R.C.C slab including providing and fixing necessary anchor fastners and clamps providing insulation (Vidoflex) and as directed by the engineer in-charge etc. complete SS - 304 with pipe specials	70		RM		
	,	Supplying and fixing approved make SS – 304 pipe special with					
		welded / flanged joints cutting the pipes, laying to slopes where required fixing to perfect testing for joints and the materials,					
		cutting grooves to conceal the pipes, making holes in all surfaces,					
		restoring the damaged portions with required materials, etc. complete.					
		- Ousted aste shall include takens shown and (a) east of specified					
		Quoted rate shall include labour charges and (a) cost of specified material in the item description for the requirement, Cutting the					
		pipes to required length, Fixing pipe with pipe specials as specified	0.00				
		by the manufacturer with required fixing materials, Cutting groove on walls / floor to conceal the pipe work, Restoring	QRO				
		damaged portion with required materials, Providing and					
		removing necessary scaffolding, Conducting testing, Storing the					
		materials, lead and lifting charges to all locations and at all floors with in the site, Providing MS angle supports for pipes laid in					
		false ceiling using G.I.hangers fixed to R.C.C slab including					
		providing and fixing necessary anchor fastners and clamps,					
		providing insulation (Vidoflex) and as directed by the engineer in- charge etc. complete					
		Total of Part A					
I	3	Partitions					
1	l	Full ht. Gypsum - Gypsumboard Acoustic partition					

	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 manufactutres' 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 ceiing 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.	42.8	38.2	81.0	SQM	
2	Glazed panels in full ht partitions- 6mm TG					
	Fabricating and fixing of glazed partition with proprietary anodized aluminum profile All around with 10mm thick clear toughened glass as per details	5.9	6.2	12.1	QRO	
	Total of Part B					
С	Doors					
1	Frameless Toughened Glass doors - single Leaf					
	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.	2	1	3	NOS	
2	Flush doors with vision panels					
	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.	2	1	3	NOS	
	Total of Part C					
D	Wall finishes					
1	Plastic emulsion					
	a Supply and application of washable Dulux 3-in-1 plastic emulsion paint on walls with 1coat of wall primer and 2 or more coats of plastic emulsion paint as per manufacturers' specifications etc. all complete. All painting final coats to be done after removal of face plates of switch boards in co ordination with the electrical contractor and face plates to be fixed only after satisfactory completion of painting.(Cost includes 2 coats of Birla Putty)	244.4	54.9	299.3	SQM	
	<b>b</b> Same as above , but for ceiling.	195.6	58.3	254.0	SQM	

2	Providing art work on wall.						
	Supply & fixing of laminates, MDF/gyp boards on wall as per						
I	architect's design.				PS		
	Total of Part D						
Е	False ceiling						
1	Special ceiling						
	Supply & fixing of special ceiling as false ceiling as per architects						
I	design				PS		
2	Supply & fixing of grid false ceiling.						
	Supply and installation of modular Grid ceiling as per manufacturers						
I	specifications and as per details mentioned below						
	12mm microlook grid						
	Tile thickness - 15mm						
	Edge detail - Straight edge						
	Humidity resistance - 95%						
	NRC - 0.5						
	Light reflectance - 90%						
	Fire performance - Class 0/Class 1 (BS 476)						 
<u> </u>	Sound Attenuation - 30 DB	22.3	0.0	22.3	SQM		
3	Removal and reinstalation of existing tiles						
	Removal, Cleaning, stacking and reinstalation of existing false ceiling tiles @ IIT,madras.				LS		
	Total of Part E						
F							
r	Miscellaneous						
F 1	Miscellaneous Paneling on walls						
		4.645	0	4.64	SQM		
	Paneling on walls           Paneling on walls - Laminated finish - 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 onall exposed edges.	4.645	0	4.64	SQM		
1	Paneling on walls           Paneling on walls - Laminated finish - 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.		0	4.64	SQM SQM		
1	Paneling on walls           Paneling on walls - Laminated finish - 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 onall exposed edges.           White Boards - Ceramic           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 gysum						
2	Paneling on walls           Paneling on walls - Laminated finish - 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 onall exposed edges.           White Boards - Ceramic           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 gysum board.						

	P&F in position 50mm deep pen & duster in the double skin gysum 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.	1	1	2	NOS		
5	Pelmets						
	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.	2.787	5.0166	7.8	RM		
	Total of Part F						
G	Storage and display						
1	900mm high low ht laminated storage						
	900mm high, 400 deep Storage - Providing and fixing Low Ht. Storage made with 18 mm MDF, including shutters. The external surfaces of MDF to have 1 mm laminate finish and inside with enamel paint. Rate to include 4" high laminated skirting and all hardware, good quality SS handles, multipurpose lock etc. all complete.	4.1	3.4	7.6	SQM		
2	Overhead Storage						
	Over head storage - Waterproof plywood as it for pantry. Same as above but with laminated finish on the shutters also.	2.8	6.0	8.8	SQM		
3	Pantry counter and storage						
	Storage in pantry - 600mm depth, 820mm high with granite top - Providing and fixing in position storage made of waterproof ply with 20mm thk. polished granite top with edge as per profile in drawing. storage box construction . Unit to have shutter storage below. Rate to include making skirting, groves, all hardware etc. all complete. Shutters to have laminated finish with pattern as per drg. Elevation area considered for quantity measurement.	4.2	0.0	4.2	SQM		
	Total of Part G						
	GRAND TOTAL						
	TAX						
	<b>GRAND TOTAL (INCLUSIVE OF TAX)</b>						

Client: BIO - INCUBATOR ,DEPT OF BIO TECH ,IIT, Madras.											
Project:	PROPOSED INTERIORS FOR BIO - INCUBATOR @ IITMRP & IIT ,Madras.										
Location:	3rd FLOOR @ IITM	3rd FLOOR @ IITMRP & 2nd FLOOR @ IIT ,Madras.									
Title:	LIST OF MAKE OF	MATERIALS									
Architects: VARSHA & PRADEEP ARCHITECTS											
Sl.No.	Material Details	Brands	Remarks								
	Laminates	Greenlam, Formica, Merino or equivalent	All verical and horizontal surfaces are fixed with 1.0 mm laminate.								
	Gyp Board False Ceiling	Gyp Board Or Equivalent									
4	5 Grid Ceiling	Armstrong Or Equivalent									
(	5 Vertical Blinds	Vista Or Equivalent									
	Vitrified, Cermaic tiles	Asian, Nitco, Kajaria or equivalent									
(	9 Granite	Quality as approved	18 mm thick								
1	l Pin up Boards	Approved Brands									
12	2 Internal Emulsion	Asian Paints Or Equivalent									
13	3 Epoxy	Fosroc or equivalent									
14	4 Glass	St. Gobain, Asahi or equivalent									
15	5 Plywoods	Centrury, Green. Merino or equivalent									
10	5 Aluminum	Hindalco, Jindal, Bhoruka									