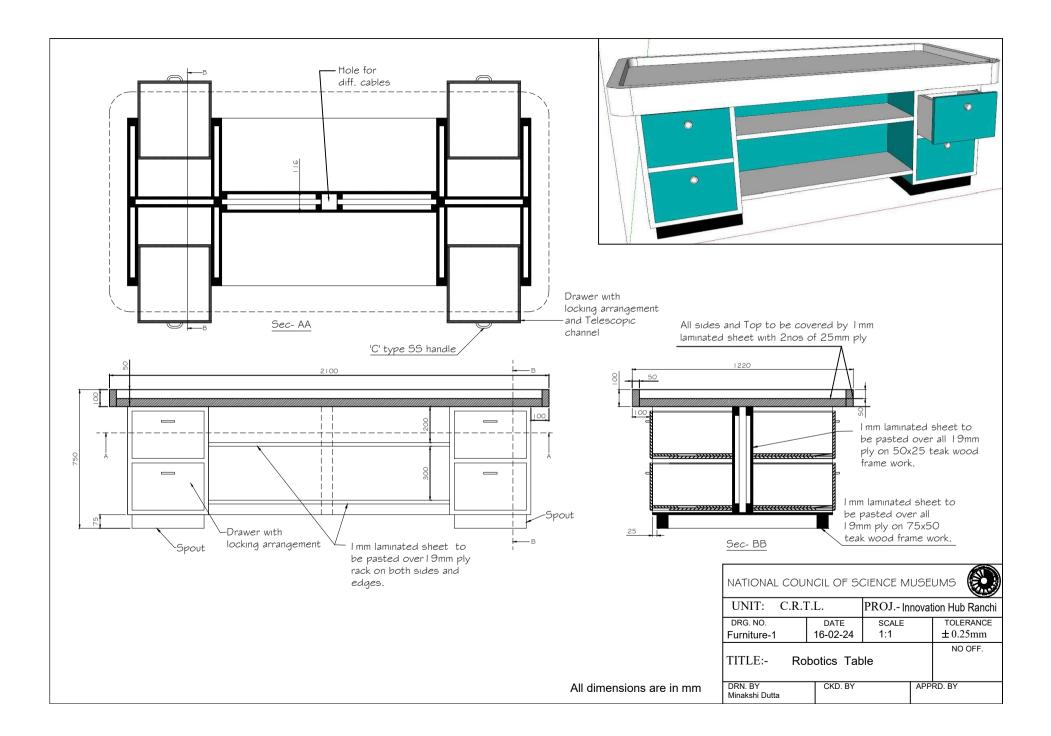
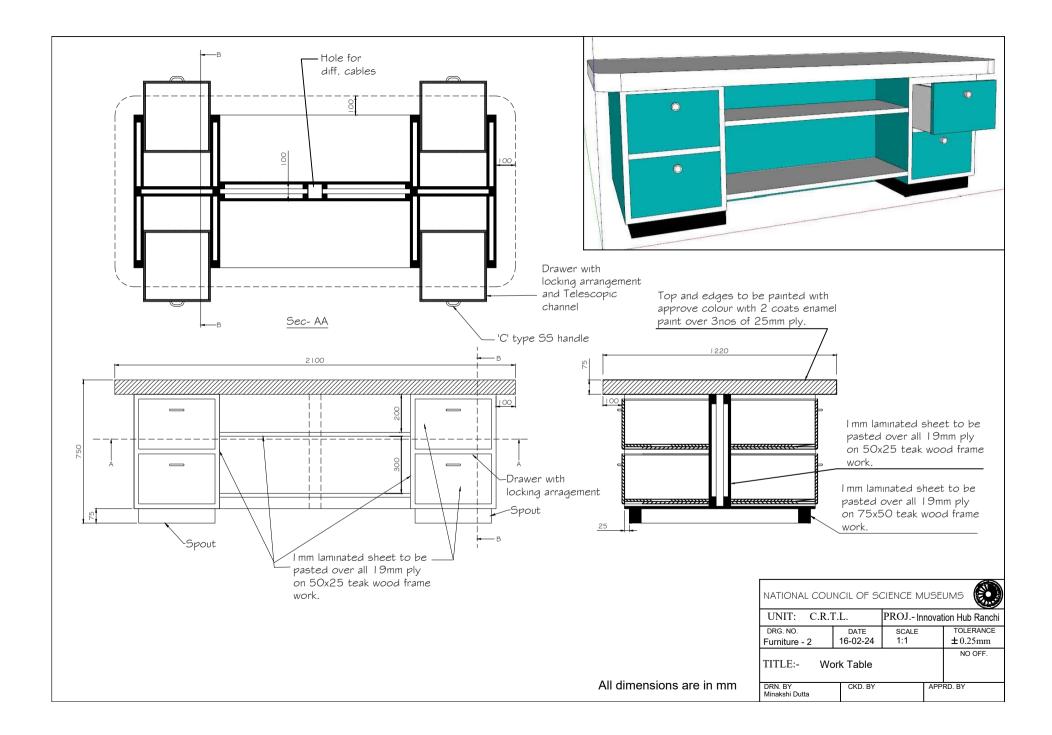
General Note:-

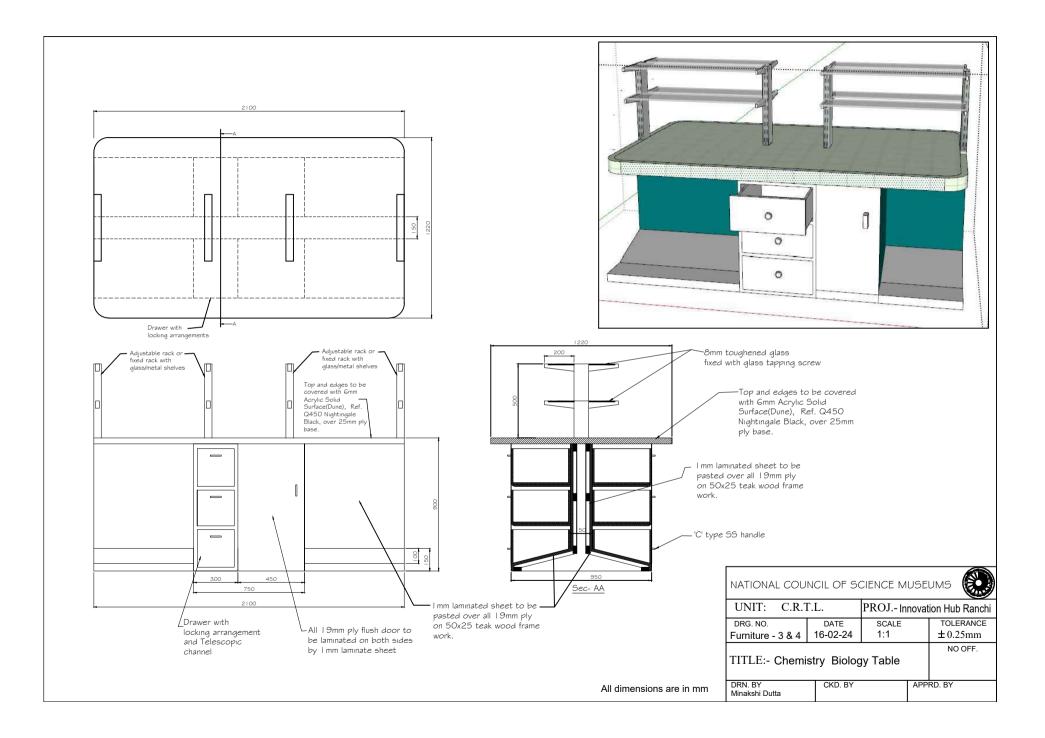
- 1. The entire structure should be finished in all respect using appropriate Ply, lamination sheets, colour and shade etc. approved by engg. in charge.
- 2. All ply should be BWP (IS 710) and termite free phenol bonded type of Century/Green or equivalent make.
- 3. Laminated sheets should be 1mm thick in the flat surface and 0.5 to 1mm in curved area of Century/Green or equivalent make.
- 4. Woodworks should be painted with synthetic enamel paint using approved colour and shade of Berger/Asian/ICI over two or more coats on wood primer of similar make.
- 5. All welded joints of pipe structure should be highly finished with NC paint of approved colour.
- 6. All glasses are toughened glass or as prescribed in the respective drawing.
- 7. All curved surface to be covered with two layers of 6mm flexi-ply of Century/Green or equivalent make.
- 8. Good quality SS hinge with double key multipurpose lock.
- 9. Good quality SS C-type Handle.
- 10. Exact colour scheme of laminates and fixing pattern will be made available at the time of fabrication.
- 11. Framework for full/half height partition: 50X40mm vertical (@max 600mm C/C) and 50X40mm Horizontal (@max 600mm C/C) with teak wood or equivalent wood (approved by engg. In charge)
- 12. Mode of measurement for Low height/Full height partition: One side of the partition wall on finished work to be measured and no extra measurement shall be taken for opening area.
- 13. Backside frame work & ply wood surface including ceiling top should be painted with two coat enamel paint over two coats of wood primer of Asian/Berger/ICI or equivalent.
- 14. Rate should be inclusive of framework, door, French polishing, painting, bending, 8mm frosted with protective lamination glass panes, including necessary stainless steel screws/nuts/bolts/nails/ cleat, joining tape etc. as necessary to complete the work as directed by the department.
- 15. Dimensions may vary marginally as per site condition.

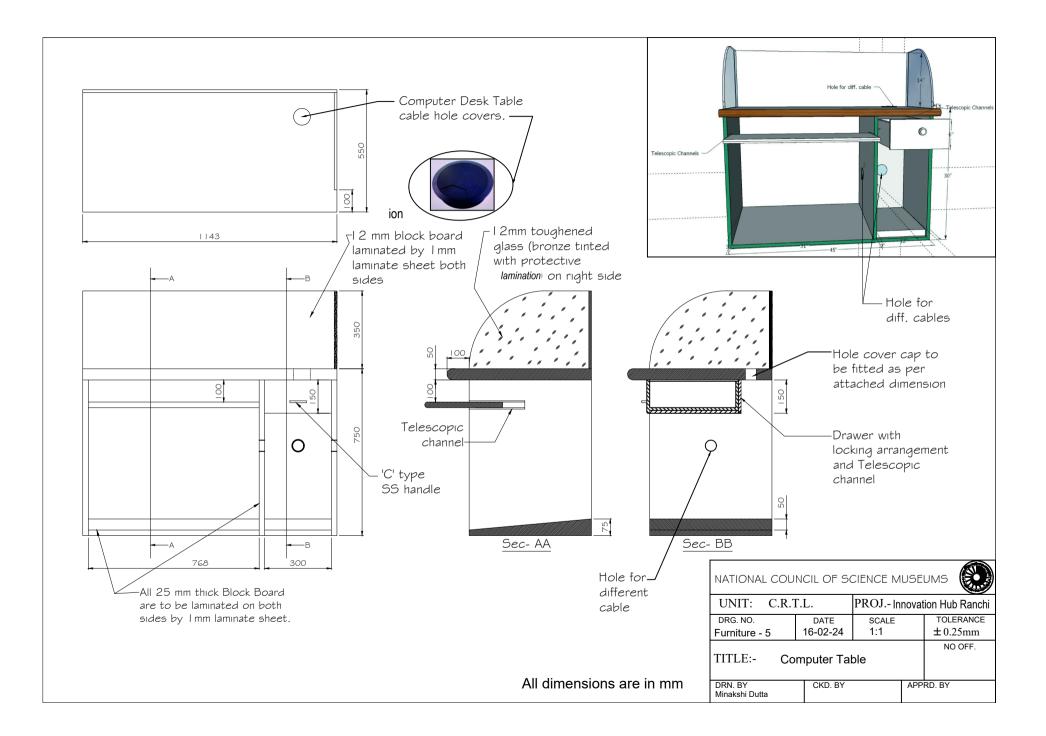
Specif	fication of Acry	lic UV Solid S	Surface sheet, Joint A	dhesive, Adhesive Gun and Epoxy paint		
A.	Acrylic UV Solid Surface sheet: 2440 (L)x760(W)x6(Thickness) in mm Qty As per drawing details of the table.					
B.	B. Joint Adhesive: As per requirement considering the fabrication work					
C.	C. Epoxy Paint for Composite Development on Colour Sheet : Qty As per requirement considering the fabrication work					
D. E.	 Adhesive Gun: Qty As per requirement considering the fabrication work 					
Technical Parameters of Item A						
S. No.	Properties		Test Procedure	Requisites		
1.	Tensile Strengt	h	ASTM D638	6500 - 7000 psi min		
2.	Tensile Elongation		ASTM D638	<0.30%		
3.	Flexural Strength		ASTM D790	+/- 10000 psi min		
4.	Flexural Modulus		ASTM D790	1.8 x 10 ⁶ psi min		
5.	Density		ASTM D638-2014	1.6-1.8 gm/cc		
6.	Hardness		ASTM D785	≥ 85 -Rockwell "M" scale min,		
7.	Thermal Expansion		ASTM E228	≤ 3.4 x 10 ⁻⁵ in./in./°C		
8.	Fungi and Bacteria		ASTM G21 & G22	No Growth		
9.	Microbial Resistance		UL 2824	Should have highly resistant to mold growth		
10.	Ball Impact		NEMA LD 3,	No fracture - 1/2 lb. Ball		
			Method 3.8	6 mm slab - 36" drop		
11.	Weatherability		ASTM G155	No Change		
12.	Flammability		ASTM E84, NFPA 255 & UL 723	CLASS A / Grade I		
13.	Flame Spread		Class	FSI < 25		
14.	Smoke Developed		-	SDI < 25		
15.	Class		NFPA 101®, Life Safety	CLASS A		
16.	Water Absorptions Weight		MAX%	< 0.05		
17.	Toxicity		-	Non-toxic		
18.	Testing and compliance Certifications1. All the requisites must be supported by certified test results. 2. Unistar anti-bacterial certificate, TUV fire certificate, TUV acid alkaline certificate. 3. ISO 9001:2015, ISO 14001:2015. 4. Make in India. 5. More than 7 years manufacturer's warranty on material.					

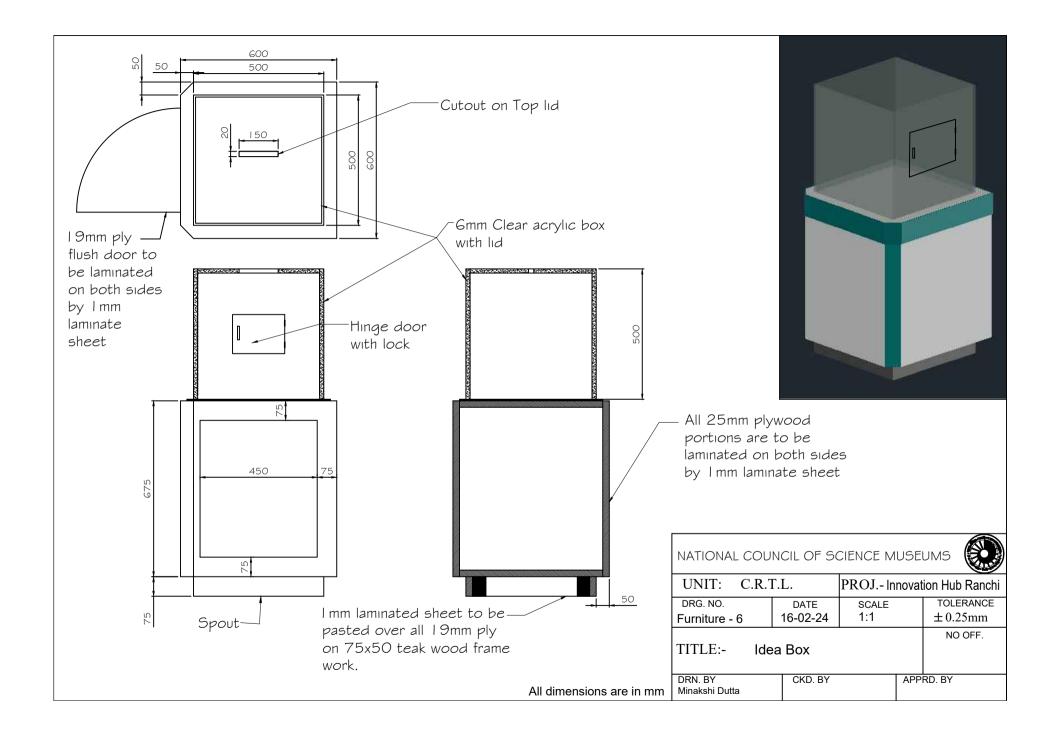
19.	Essential features to be ensured:		
	1. Colours should be homogenous throughout the entire thickness of material.		
	2. Should be solid, non-porous, and homogeneous throughout the span.		
	3. Should be worked like hardwood using similar tools.		
	4. Should be thermoformed in wooden or metal moulds at controlled temperatures.		
	5. Should be glued or joined together inconspicuously for a seamless joint.		

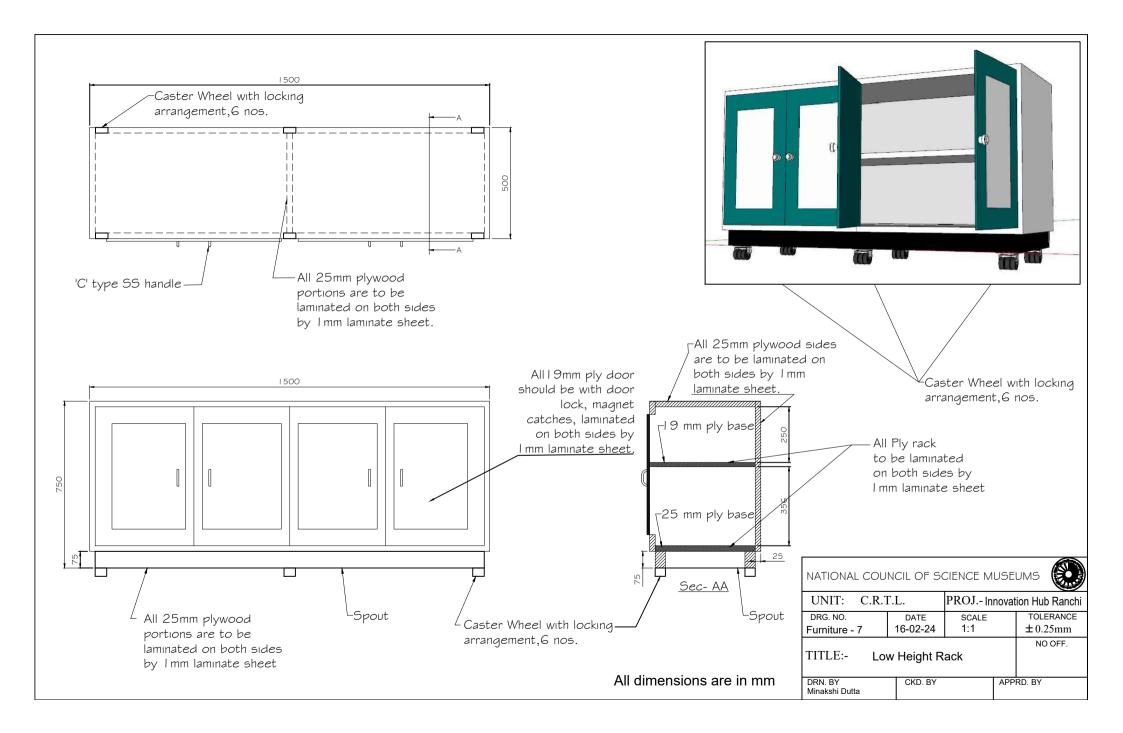


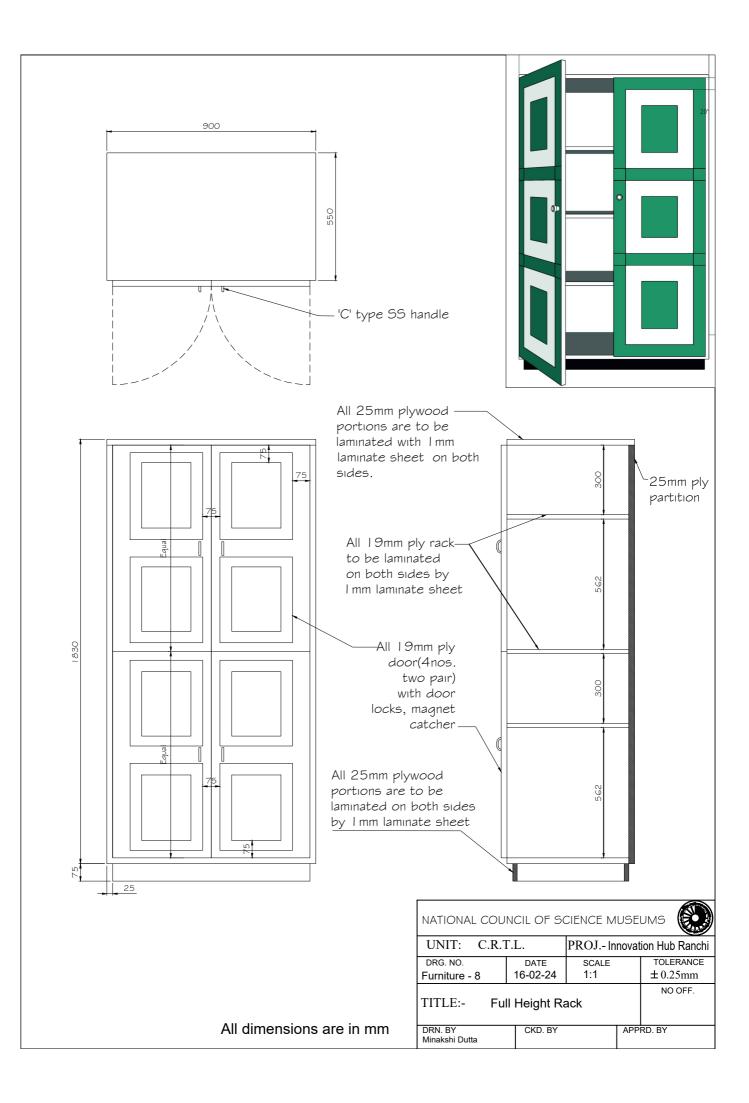


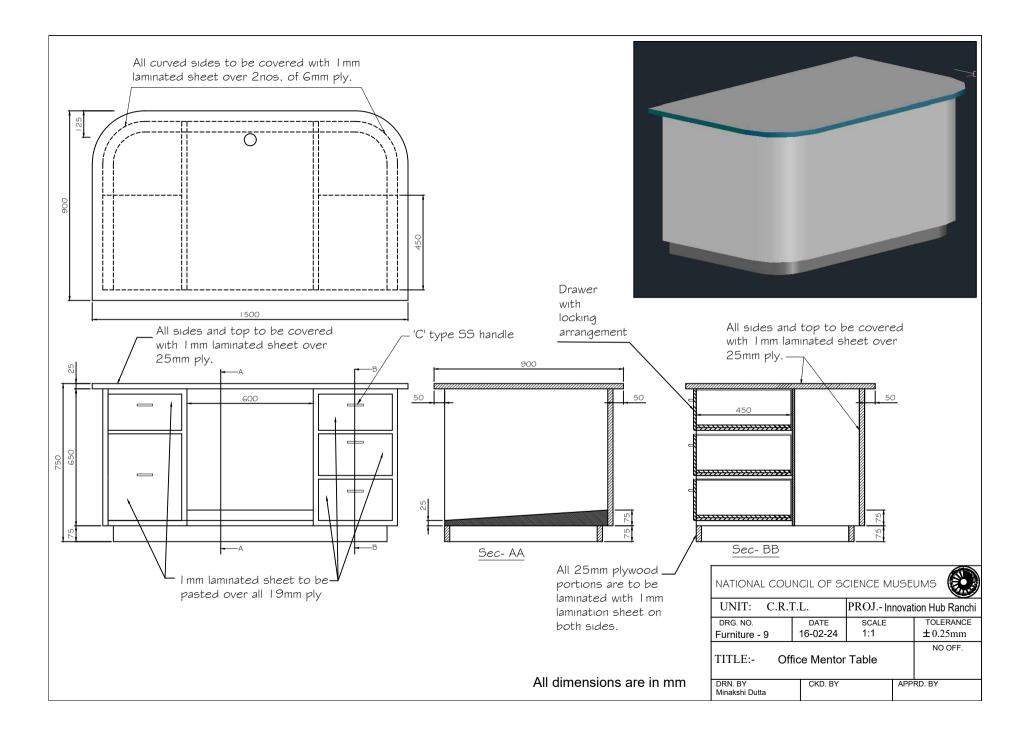


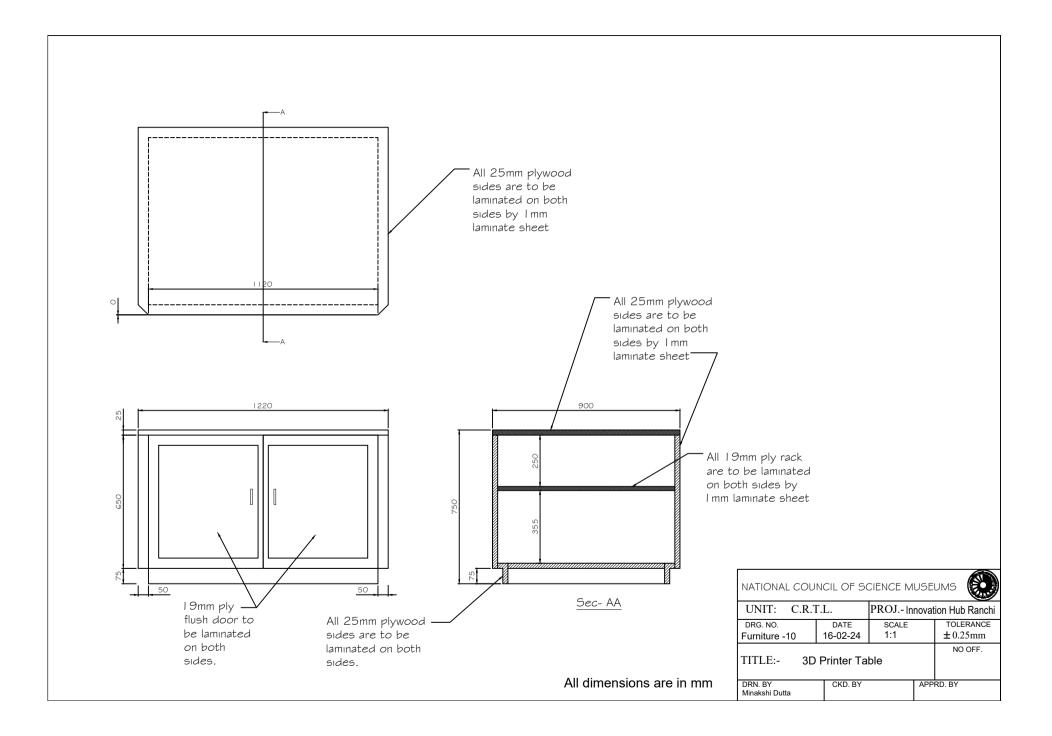


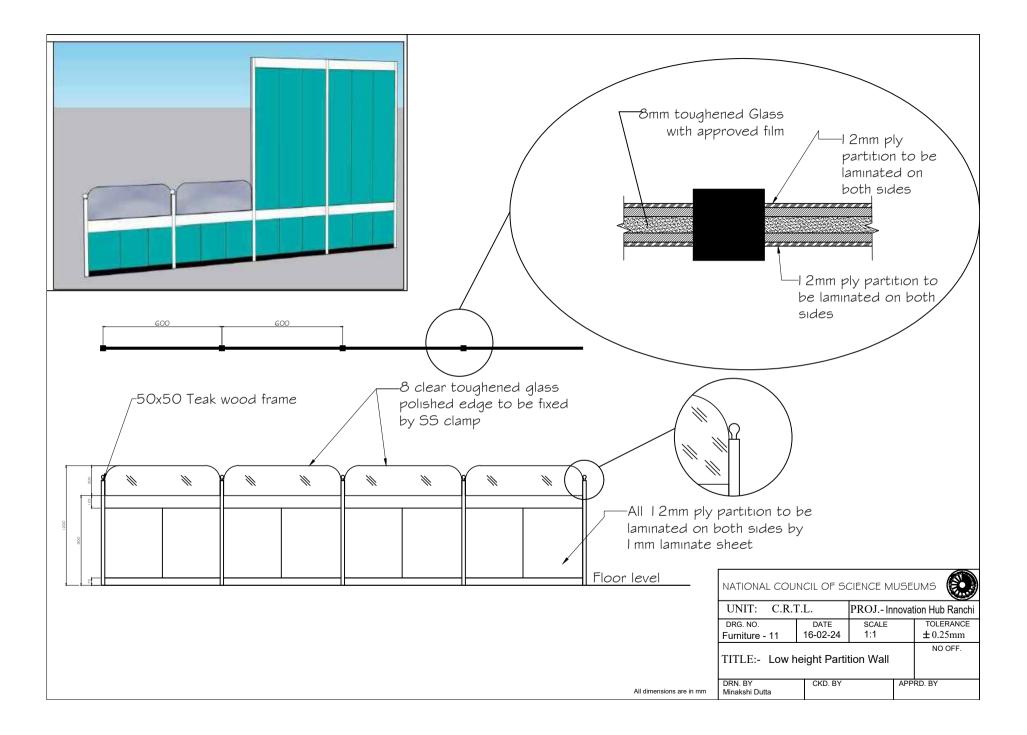


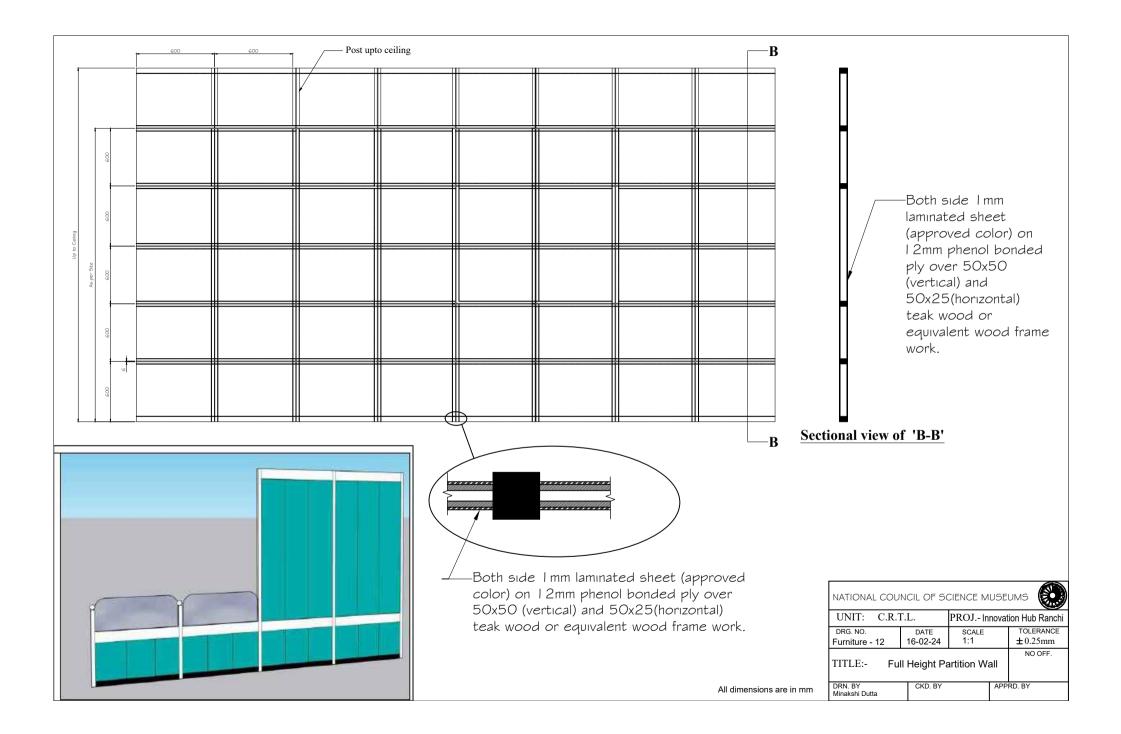


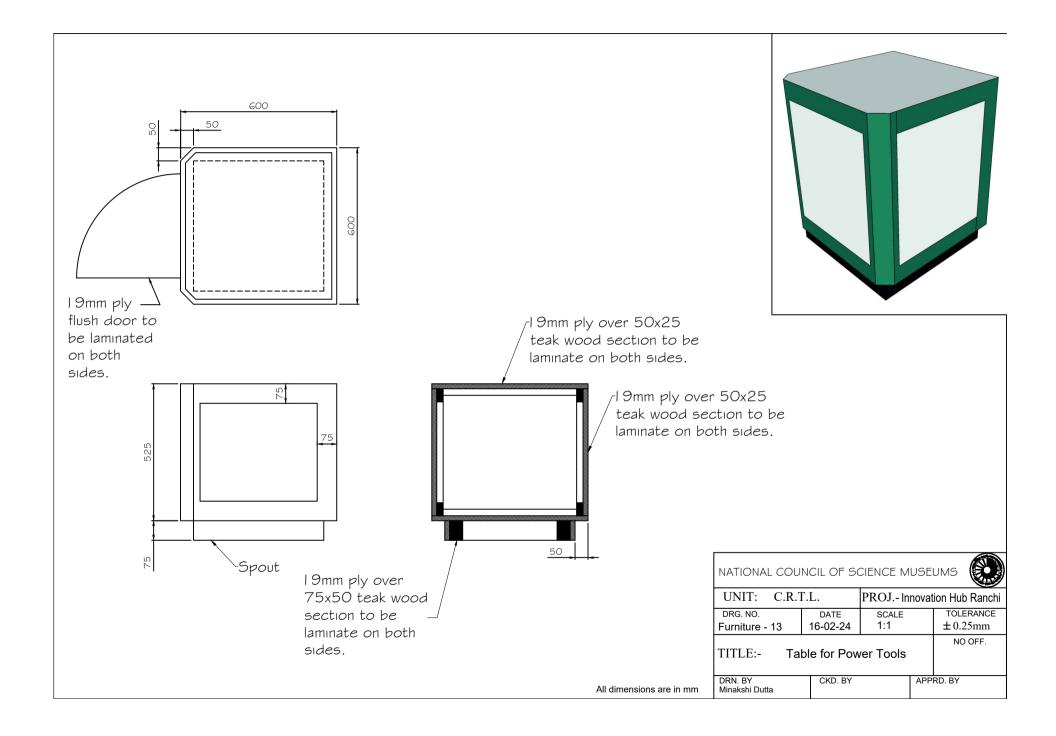


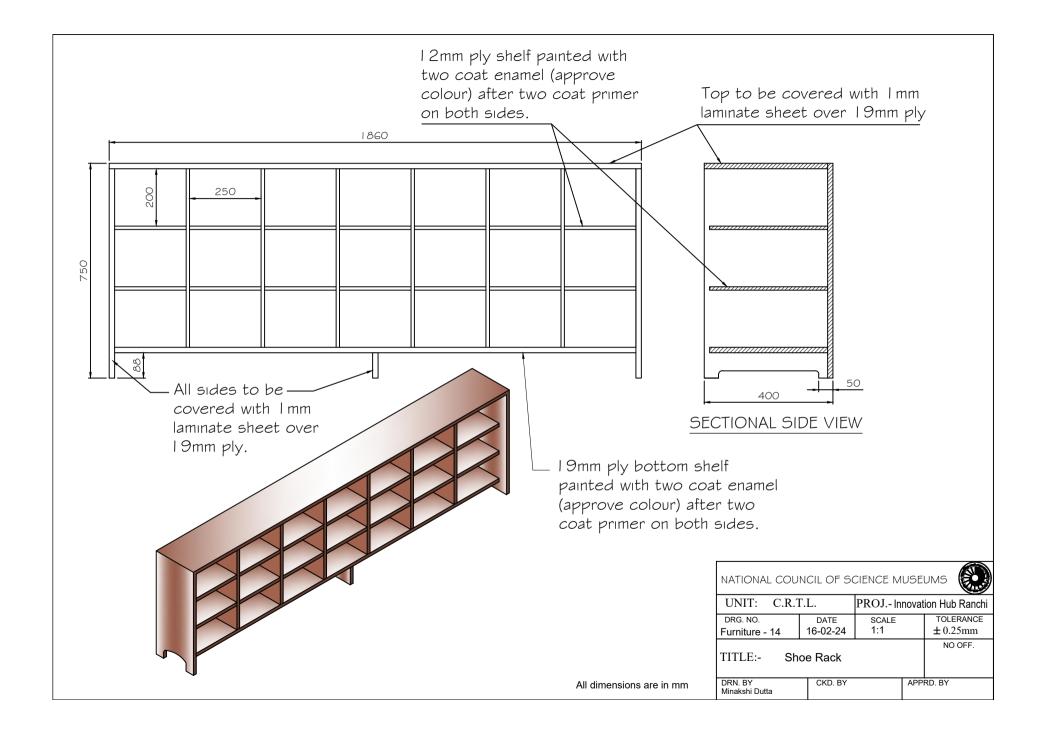












(2) Shoe rack Almirah Low height partition Robotics Design Studio printer 3D Signature sculpture Multimedia kiosk Resource Centre Full height partition 3/ 2 **"**48 Electronics 5 Book self Low height rack Full height partition Low hěight rack ž Way to toilet Low height Table for Mech.Machine partition z4850 Nmirah Kabar se jugar 5 Lecture Hall Tor fod jor Almirah 3" Base Low height rack 15320 Almirah Wash basin Chemistry Biology 5

Layout of Innovation Hub at Ranchi Science Centre, Jharkhand

Annexure F