

**Specification for Installation of Modular Lab Furniture in
Geochemistry and TL/OSL Laboratory**

Sl.No	Description	Area (sq. ft)
1.	Scientist Cabin – 1	15 x 9
2.	Wet Chemistry Lab containing fume hoods	15 x 12
3.	TL/OSL Reader Room	15 x 8
4.	Dose rate Laboratory	15 x 9
5.	Sample Repository Room	14 x 5
6.	IRMS + GCMS Laboratory	25 x 16
7.	Wet chemistry lab	10 x 13
8.	Organic Geochemistry Lab	7 x 9
9.	Data Analysis Room	8 x 9
10	Scientist Cabin – 2	14 x 22
11	ICP-MS Laboratory	16 x 22
12	Geochemistry Dry Lab	14x12

Sl.No.	Description	Running Table	Tables/Drawers	Almirah/Wall Cabinets*	Chairs
1	Scientist Cabin – 1	-----	<p>5x5x2'6" (2 Nos.) L-shape Modular workstation with partition (bracketed partition height should be 1.5 feet from the table top and opaque in nature), Drawers, Cupboard, keyboard, pedestal and space for CPU for each table</p> <p>4x3x2'6" (2 Nos.) Straight Modular workstation with (bracketed partition height should be 1.5 feet from the table top and opaque in nature) Drawers, Cupboard, keyboard, pedestal and space for CPU for each table</p>	<p>Wall Cabinet 48" x 15" x30" Hinged Doors (Nos. 2) (Material should be 1 mm SS 304)</p>	<p>High Back, revolving with arm rest office chair (Nos. 2)</p> <p>Medium Back revolving with arm rest office chair (Nos. 4)</p>
2	Wet Chemistry Lab	4x2'6"x2'10" (2nos.) With mobile Pedestal storing unit (castor wheels)having 2 Drawers and 1 Filing Drawer (1 for each table)		<p>Pigeon Hole Almirah light tight and acid resistant 5x2x7 (Nos. 1) Hinged Door (Material should be 1.2 mm Polypropylene make)</p> <p>Wall Cabinet with accessories 48" x 15" x30"</p>	Medium Back revolving without arm rest lab chair (Nos. 3)

		<p>5x2'6"x2'10" (1nos.) With mobile Pedestal storing unit (castor wheels) having 2 Drawers and 1 Filing Drawer (2 Nos.)</p> <p>(Material: 100 % Polypropylene make, Table top – 20 mm; Frame and legs 40 mm)</p>		<p>Hinged glass Doors (Nos. 2)</p> <p>(Material 100% 1.5 mm Polypropylene make)</p>	
3	TL/OSL Reader Room	<p>15'x2'6"x2'10" table (1nos.)</p> <p>With mobile Pedestal storing unit (castor wheels) having 2 Drawers and 1 Filing Drawer (5 Nos.)</p> <p>Material: Table top should be 20 mm thick granite and table frame should be SS 304 and sheet thickness must be 1.5mm, Frame and legs must be 50 mm</p>		<p>SS standard size Almirah (Nos. 2) 4'x2'x6' (4 shelves) Material: SS 304 and thickness must be 1.2mm</p> <p>Wall Cabinet 48" x 15" x30" Hinged Glass Doors (Nos. 2) (Material should be 1 mm SS 304)</p>	Medium Back revolving without arm rest lab chair (Nos. 2)
4	Dose rate Laboratory	<p>6x3x2'10" (1 nos.) With mobile Pedestal storing unit (castor wheels)having 2 Drawers and 1 Filing</p>		<p>Wall Cabinet 48" x 15" x30" Hinged Glass Doors (Nos. 2)</p>	Medium Back revolving without arm rest lab chair (Nos. 2)

		<p>Drawer</p> <p>6x2'6"x2'10" (2 Nos.) With mobile Pedestal storing unit (castor wheels)having 2 Drawers and 1 Filing Drawer (2 Nos. for each table)</p> <p>Material: Table top should be 20mm thick granite and table frame should be SS 304 and sheet thickness must be 1.5 mm, , Frame and legs must be 50 mm</p>		<p>3x1x5 Book Cabinet (Nos. 2)</p> <p>(Material should be 1 mm SS 304)</p>	
5	Sample Repository Room			<p>Pigeon Hole Almirah light tight and acid resistant 10x2x6 ft (Nos. 1)</p> <p>Hinged Door (Material should be 1.2 mm Polypropylene make)</p> <p>3x1x5ft Book Cabinet (Nos. 1) Hinged Door (Material should be 1.2 mm Polypropylene make)</p>	
6	IRMS + GCMS Laboratory	<p>10x2'6"x2'6" (1nos.) With mobile Pedestal storing unit (castor wheels) having 2</p>	<p>4x5x2'6" (1nos.) 4x3x2'6" (1nos.) 3'6"x3'6"x2'6" (1nos.) 3'6"x5x2'6" (1nos.)</p>	<p>Wall Cabinet 48" x 15" x30" Hinged Glass Doors (Nos. 2)</p>	<p>Medium Back revolving with arm rest lab chair (Nos. 3)</p>

		<p>Drawers and 1 Filing Drawer (3 Nos.)</p> <p>Material: Table top should be 20mm thick granite and table frame should be SS 304 and sheet thickness must be 1.5 mm, , Frame and legs must be 50 mm</p>	<p>6x5x2'6" (1nos.) 2'6"x4"x2'6" (1nos.)</p> <p>Material: Table top should be 20mm thick granite and table frame should be SS 304 and thickness must be 1.5mm</p>	(Material should be 1 mm SS 304)	
7	Geochemistry Wet lab	<p>6x2'6"x2'6" (1nos.) With mobile Pedestal storing unit (castor wheels) having 2 Drawers and 1 Filing Drawer (2 Nos.)</p> <p>5x2'6"x2'6" (1nos.) With mobile Pedestal storing unit (castor wheels) having 2 Drawers and 1 Filing Drawer (1 Nos.)</p> <p>(Material: 100 % Polypropylene, table top must be 20 mm , Frame and leg must be 40 mm)</p>		<p>Wall Cabinet 48" x 15" x30" Hinged Glass Doors (Nos. 2) (Material: 100 % Polypropylene make, sheet thickness must be 1.2 mm)</p>	Medium Back revolving without arm rest lab chair (Nos. 2)
8	Organic Geochemistry Lab	<p>5x2x2'6" (1nos.) With mobile Pedestal storing unit (castor wheels) having 2 Drawers and 1 Filing</p>		<p>Wall Cabinet 48" x 15" x30" Hinged Glass Doors (Nos. 1) Material should be SS 304 and</p>	Medium Back revolving without arm rest lab chair (Nos. 2)

		<p>Drawer (1 Nos.)</p> <p>3x2'6"x2'6" (1nos.) With mobile Pedestal storing unit (castor wheels)having 2 Drawers and 1 Filing Drawer (1 Nos)</p> <p>Material: Table top and table frame should be SS 304 and sheet thickness must be 1.5mm, , Frame and legs must be 50 mm</p>		<p>sheet thickness must be 1 mm</p>	
9	Data Analysis Room	<p>9x2'6"x2'6" (1nos.) With mobile Pedestal storing unit (castor wheels) having 2 Drawers and 1 Filing Drawer (3 Nos.)</p> <p>Material: Table top should be 20 mm thick granite and table frame should be SS 304 and sheet thickness must be 1.2mm, , Frame and legs must be 40 mm</p>		<p>Wall Cabinet 48" x 15" x30" Hinged Glass Doors (Nos. 2) Material should be SS 304 and sheet thickness must be 1 mm</p>	<p>Medium Back revolving without arm rest lab chair (Nos. 3)</p>
10	Scientist Cabin – 2		<p>5x5x2'6" (5 Nos.) L-shape Modular workstation with partition (bracketed</p>	<p>Wall Cabinet 48" x 15" x30" Hinged Glass Doors (Nos. 5)</p>	<p>High Back, revolving with arm rest office chair (Nos. 5)</p> <p>Medium Back revolving with arm</p>

			partition height should be 1.5 feet from the table top and opaque in nature), Drawers, Cupboard, keyboard, pedestal and space for CPU for each table	3x1x5 Book Cabinet (Nos. 3) Material should be SS 304 and sheet thickness must be 1 mm	rest office chair (Nos. 5)
11	ICP-MS Laboratory	<p>16x2'6"x2'6" (1nos.) With mobile Pedestal storing unit (castor wheels) having 2 Drawers and 1 Filing Drawer (4 Nos.)</p> <p>12x2'6"x2'6" (1nos.) With mobile Pedestal storing unit (castor wheels) having 2 Drawers and 1 Filing Drawer (4 Nos.)</p> <p>7x5x2'6" table (1nos)</p> <p>Material: Table top should be 20 mm thick granite and table frame should be SS 304 and sheet thickness must be 1.5mm, , Frame and legs must be 50 mm</p>		<p>Wall Cabinet 48" x 15" x30" Hinged Glass Doors (Nos. 2) Material should be SS 304 and sheet thickness must be 1 mm</p>	Medium Back revolving without arm rest lab chair (Nos. 3)
12	Geochemistry Dry Lab	4x2'6"x2'10" (4 Nos.) With mobile Pedestal storing unit (castor wheels)having 2		<p>Wall Cabinet 48" x 15" x30" Hinged Glass Doors (Nos. 3)</p>	Medium Back revolving without arm rest lab chair (Nos. 6)

		<p>Drawers and 1 Filing Drawer (1 Nos. for each table)</p> <p>Material should be SS 304 and sheet thickness must be 1.2 mm, , Frame and legs must be 40 mm</p>		<p>Material should be SS 304 and sheet thickness must be 1 mm</p>	
	Sink in labs.	<p>4 Polypropylene based Sink in three laboratories (2 wet chemistry and 1 organic geochemistry lab)</p> <p>Width 2 feet and depth 1.5 feet with drainage piping (see the design)</p>			

Specification of material (Acid and corrosion resistant)

- All parts should be corrosion resistant and chemical resistant with long lasting construction.
- *Wall cabinets should be supplied, installed and tested with all the accessories **i.e. external support to bear the load of cabinet** as a requirement to mounted on **the 0.6mm GI sheets (both side) with total thickness 50mm PUF insulated partition.***
- Cabinets and drawers with locking system.
- Should have ISO Certification and of International standards. All the parts should show the make, model, company and the test certificate.
- Warranty should be mentioned.
- The supply and installation of the entire system should be completed on a turnkey basis and any site preparation requirements would be completed by the supplier without any additional cost.

