

**AMRIT PHARMACY AT LADY HARDRINGE MEDICAL COLLEGE, NEW DELHI - INTERIOR WORKS**

**BILL OF QUANTITIES**

SI.No.	Item	Unit	Qty	Rate	Amount
<b>A</b>	<b>FLOORING / CLADDING</b>				
1	<b>VINYL FLOORING-1:</b> P/F of 100% vinyl floor cover over reinforced fibreglass mat with PVC foam.Hetrogeneous sheet shall be sanitized(anti bacterial) protected with TopcleanXP (dirt resistant treatment for ease of maintenance) formaldehyde free. Roll shall be installed with glue.  Texture-Sorrent, Dimension/Length-2M,Thickness not less than3.45mm Make:Polyflor,LGHausys/Equivalent (Basic Rate-1600Rs/SqM)	SqM	5.00		-
2	<b>CARPET FLOORING:-</b> P&F of modular carpet tile, made of 100% Polyamide (also called Nylon) yarn, manufactured in Europe (no Asian manufacturing acceptable), primary backing of 100% recycled material Col-back®, secondary backing of Back2Back: Modified bitumen enhanced with a thermoplastic elastomer, reinforced with a glass fibre fleece covered with 100% PES fleece, with 10% recycled content included. Design intent to be of Modulyss range, as finalized by the consultants and the minimum pile weight of 540g/m <sup>2</sup> (16Oz/yd <sup>2</sup> ). It should have minimum total height of 6mm, minimum tuft density of Ca. 186.000 /m <sup>2</sup> . The said carpet should be classified for continuous use under chair castors and achieve class: A as per EN985, it should be classified for use under heavy traffic usage and achieve class 33-LC1 as per EN1307, it should dimensionally stable to a max limit of 0.2% as per EN986, it should have fire resistance rating of Bfl-S1 as per EN 13501-1, it should achieve permanent anti-static reading of ≤2kV as per ISO 6356, it should achieve a reading of ≥7 for colour fastness to light as per ISO 105-B02, it should achieve a reading of ≥4 for rubbing fastness as per ISO 105-X12, it should achieve a reading of ≥4 for colour fastness to water as per ISO 105-E01. The said selected modular carpet tile manufacturer should be in a position to furnish valid CRI-IAQ-GLP, ISO9001 (quality), ISO14001 (environment), CRI IAQ GLP (indoor air quality), ISO26000 (CSR) certificates. The said modular tile should carry a warranty for 15 years. All this is to be installed on a smooth and dry sub floor, complete as per drawings and instructions of the consultants. Make:Shaw / Interface / CCIL / Miliken (Basic Rate-2100Rs/SqM)	SqM	30.00		-
	<b>TOTAL: FLOORING / CLADDING</b>				-
<b>B</b>	<b>DRY WORKS</b>				
<b>B1</b>	<b>PARTITIONS &amp; PANELLING</b>				
1	<b>WOODEN FRAME WORK:</b> P/F 50mmx50mm <b>Kail wood frame</b> (Seasoned, anti termite proofed) wood frame for paneling / partition in reception and other areas as per detailed drawing.	SqM	5.00		-
	<b>ADDITIONAL LAYERS ON FRAME/WALL</b>				
2	<b>GYPSUM BOARD PARTITION:</b> Providing and fixing of 75mm Thk Gypsum Board Partition comprising of 12.5mm thick Gypboard (conforming to IS: 2095 - 1982 and 2542 - 1981) screw fixed with 25 mm drywall screw at 300 mm centres to GI Frame Work with square and tapered edges of the boards jointed and finished so as to have a flush look, which includes filling and finishing with jointing compound, joint paper tape and two coats of Drywall Top Coat suitable for Gypboard. Single panel of Gypsum to be taken till bottom of slab. (Rate of frame work to be included Rate will be for single layer gypsum board).	SqM	10.00		-

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	<p><b>GI FRAME WORK:</b>P/F G.I Frame from floor till bottom of slab for Drywall construction with 48mm studs(0.55 mm thick, having one flange of 34 mm and another flange of 36 mm, made of GI steel) placed at 610 mm center to center or as/groove pattern whichever is less in 50 mm floor and ceiling channel (0.55 mm thick having equal flanges of 32 mm made of I steel) .Hardwood to be used at every skirting level.Hardwood support for Electrical Switch boxes,Ac Grill,or any other accessories,(All wooden frame work to be treated for anti termite and painted with fire retardant.).</p> <p>Make:India Gypsum/Lafarge/Equivalent</p>				
3	<p><b>PLYWOOD LAYER:</b> P/F of 12mm thk BWP Ply fixed on relevant Frame Work (GI/Merandi Wood frame work).</p> <p>Make:Archidply,Green ply,Truwood</p>	SqM	22.00		-
4	<p><b>MDF LAYER:</b>P/F of 12 mm thk. MDF complete with grooves as per detail finished with grooves.in columns. Edges of MDF to be finshed in the same finish match to main panel.</p>	SqM	14.00		-
5	<p><b>LAMINATED SKIRTING:</b>P/F of 100mm x 12mm High <b>Laminated skirting</b> of approved colour/shade/design on 12mm thk comm.Ply with ABS edge band. The band to be fixed to surface with dry wall screws .</p> <p>Make:Greenlam-701Rising beech/Merino/Century</p>	Rm	25.00		-
	<b>Total-Partition &amp; Panelling</b>				-
<b>B2</b>	<b>DOORS &amp; HARDWARES</b>				
	<p>Note:Unless specified the door frame rates not be included. Rates to include door shutter, Hardwares, and fitting charges.</p> <p>Frame Work: Alloy / Jeb / Infra</p> <p>Hardware: Ozone/ Kitch / Equivalent</p> <p>Shutter: GreenPly / Archidply / Truwood</p>				
1	<p><b>DOOR:</b>P/F of Single leaf Flush door shutter fixed on beech wood frame. Frame 50 x 75 mm section (seasoned ,anti termite proof,treated with fire retardant,duco painted as/app). Door Shutter- 38 mm thick solid core Block board (Knot free wooden member,aniti termite proof,teated with fire retardant) with approved laminated all both sides .Edges finished with wooden lipping match to laminate. Size:750x2100mm</p> <p>Make:Greenlam-701Rising beech / Merino/Century</p>	No	1.00		-
	<b>Total-Door</b>				-
<b>B3</b>	<b>CEILING</b>				
1	<p><b>GRID CEILING :</b>P/F of Mineral Fibre Acoustical Suspended Ceiling System with (MICRO LOOK) EDGE TILES :The tiles-Humidity Resistance (RH) of 99%, NRC 0.7, Light Reflectance &gt;88%, Thermal Conductivity k = 0.052- 0.057 w/m K, Colour White, Fire Performance A2-s1.d0 in module size as/dsgn /19 mm thk with Bio Block coating on the face of the tile, suitable for Green Building application, with Recycled content of 81-84%. The tile shall be laid on 15mm tegular profile grid system as/manufactures standards.</p> <p>INSTALLATION: To comprise main runner spaced at 1200mm centres securely fixed to the structural soffit using same make suspension system at 1200mm maximum centre &amp; not more than 150mm from spliced joints. The First/Last suspension system at the end of each main runner should not be greater than 600mm from the adjacent wall. 1200mm long cross tees to be interlocked between main runners at 600mm centre to form 1200 x 600 mm module. All Perimeter trim to be of wall angles, secured to walls at 450 mm maximum centres.</p>				

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	SUSPENSION SYSTEM accessories consisting of M6 Anchor Fasteners with Vertical Hangers made of Galvanised steel of size 26 x 26 x 25 x 1.2mm .Straightened Hanger wire of dia – 2.68 mm of 1.83 m length., thickness with Adjustable hook clips of 0.8mm thick.The adjustable clip also consists of a 3.5 mm aquiline wire to be used with the main runner.(Service Areas) Make: Amf/Armstrong/Equivalent				
a	Tile: 1200x600x19	SqM	35.00		-
b	Tile: 600x600x19	SqM	-		-
	<b>TOTAL:CEILING</b>				-
<b>C</b>	<b>FIXED STORAGES</b>				
1	<b>MEDICINE STORAGE:</b> P/F of 2400mm high storage unit.600mm deep prelaminate storage unit with 18mm thk prelaminate shelves and shutters fixed with auto hinges to be provided.The height of 600mm deep storage shall be 750mm. 350mm deep storage unit to be fixed between two 150mm wide laminated facia. 300mm wide 10mm thk toughned glass shelves to be fixed with aluminium channel and adjustable holders till 2100mm. In built over head storage unit of 350mm depth 300mm height to be fixed above 2100mm height. Note: Storage unite to include: Shutters of 18mm thk prelaminate,18mm thick, back ply, auto closing hinges, individual locks, 150mm lonk 10mm dia 'H" handle, adjustable screws.adjustable levers.  Make:Greenlam - 283 Sky blue / Merino / Century	SqM	24.00		-
2	<b>MEDIUM STORAGE:</b> P/F of prelaminate storage unit of 25mm thk prelam board top with ABS edge banding as sides of the storage as/dsgn.18mm thick prelam board hinged shutter with laminate and handle with individual locks. 6mm thk laminated ply as backing of the unit along with 18mm thk prelam board as adjustable shelves. Size:1200x1800x600. Storage unit to fit in refrigerator and water dispenser  Make:Unicos/Ebco,Greenlam-701 Rising beech / Merino / Century	SqM	3.00		-
3	<b>COUNTER:</b> P/P of Double level Counter of 750mm depth and Counter top at 1050mm level. 12mm thk acrylic sheet to be used for counter top on 25mm thk commercial ply. 12mm thk "L" shaped laminated strip of 150x200 to be fixed with 12mm thk ply at 850mm. Display unit with 8mm thick toughened glass facia and 18mm thick prelaminate shelves to be inbuilt in counter. UPS and inverter shutters to be fixed with aluminium louvers as per dwg. Under counter storage unit to be fixed with individual locks and handles as per app. 150mm high SS glossy skirting. 600mm wide laminated door and openable counter top to be part of the counter as per design..  Make: Greenlam-173 Barbie Pink, 283 Sky Blue / Merino / Century, LG Hausys-G019 Natuaraal Quartzs/ Equivalent	SqM	5.00		-
4	<b>HIGH STOOLS :</b> P/P fabric seat /back , 5 pronged chrome plated finish base on twin wheel casters with 3600 Swivel gas lift height adjustment, Color of upholstery as per app. Make: Multi Seats/ Geeken/ Featherlite	Nos	5.00		-
5	<b>SLOTTED ANGLE RACK:-</b> Fabricating, supplying and placing slotted angle rack of size 900wx2400hx600deep made as per manufacturers specification.	SqM	3.00		-
	<b>TOTAL- FIXED STORAGE</b>				-
<b>D</b>	<b>PAINTING &amp; FINISHING</b>				
1	<b>ACRYLIC EMULSION PAINT</b> - Apply 3 coats in roller mode-paint wioth oxy rich 100% acrylic water base coating. Paint shall emit 90% less VOC, Soft sheen, High Scrub resistant, free from lead, Mercury, Chromium. Rate include base preparation as per site conditions.paint, Colour : Blue  Make:Berger / Nerolac / Asian	SqM	76.00		-

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2	<b>DUCO PAINT:</b> P/A Duco Lacquer finish including all subsurface preparation. Basic Rate including application: Basic Rate:650/SqM	SqM	5.00		-
	Make: ICI, Nerolac, Asian, Berger				
	<b>TOTAL-PAINTING &amp; FINISHING</b>				-
<b>E</b>	<b>MISCELLANEOUS</b>				
1	<b>FROSTED FILM :</b> P/A of Anti glare - Dusted and frosted FILM to look like sandblasted or etched glass, Permanent, pressure-sensitive films to have transparent synthetic liner for easy cutting of logos or designs. Basic Rate-1240 Rs/SqM, Rates to include all delivery at site, installation & relevant taxes Make:3M™ Crystal™ Glass Finishes 7725SE-314 Dusted Crystal/ Garvare / Equivalent	SqM	4.00		-
2	<b>WALL GRAPHICS :</b> Providing and fixing 3M controltech 180-C comply with 3M Code 1220 over Laminate digitally printed with 5 yrs MCS warranty. Rates to include all delivery at site, installation. Basic Rate Rs.3230/SqM. Make:3M / Garvare / Equivalent	SqM	14.00		-
	<b>TOTAL-MISCELLANEOUS</b>				-
<b>F</b>	<b>STEEL WORKS</b>				
1	<b>CORPORATE SIGNAGE :</b> LED display board multicolor outdoor signage, LED-P-10 tile, size 5mm oval, box-MS power coated, power suply-220V-AC. Size:2400x450	Nos	1.00		-
2	<b>SIGNAGES:</b> Photo luminiscent All signs can be provided on Acrylic, Rigid PVC with reflective Vinyl of different colours, Powder coated or Anodized, Aluminium sheets, Back-lit-vinyl-polycarbonate sheets and also on autoglo Photoluminescent sheets which glow-in-the-dark.size:150x300	Nos	1.00		-
	<b>TOTAL-STEEL WORKS</b>				-
	<b>TOTAL</b>				