

<b>SCHEDULE OF QUANTITIES</b>					
<b>CIVIL STRUCTURE, INTERIOR AND ELECTRICAL WORKS</b>					
<b>AMRIT PHARMACY, ADVANCED EYE CENTRE, PGIMER, CHANDIGARH</b>					
<b>Sl. No.</b>	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Unit Rate (in Rs.)</b>	<b>Amount (in Rs.)</b>
	<b>PHASE 1</b>				
<b>A.</b>	<b>OUTER STRUCTURE AND RELATED WORKS</b>				
<b>1</b>	<b>FOUNDATION</b>				
i	Excavation for outer wall up to 600mm below ground level, pcc for under brick wall height below ground 300 mm and 450mm to 1250mm up on ground level, earth filling inner side of plinth wall, compaction, 50mm top PCC of grade M15.				
<b>2</b>	<b>WALL PANNELS</b>				
i	50mm Thk. External Aerocan Panel.				
	Aerated panel is a sandwich panel of 4mm thick fiber reinforced cement bonded plain sheets on either side enclosing a light weight core composed of portland cement, binders and a mix of siliceous and micaceous material aggregate with tongue and groove arrangement. The tongue and groove interlocking joints allow for speedy construction and are dimensionally accurate enabling a faster and stronger construction. These panels possess excellent thermal insulation properties thus saving in recurring energy costs of air-conditioning. Also, aerated panels have excellent acoustic properties and is fire rated for two hours (2 inch thick panels).				
ii	50mm Thk. Internal Aerated Panel, Make : Everest, Hil or equivalent				
iii	Pharmacy Front Wall and Optical front wall cover with everest asbestos plank with painting.				
<b>3</b>	<b>STRUCTURE</b>				
i	Providing & Fabricating Hot Rolled Steel sections as structure Members like Columns etc. i.e. Hollow Pipe preferable Rectangular section as per Design & detailing. wherever necessary shall be provided as per design including Hardwares, Anchors bolts etc. complete. M.S. pipe stand for overhead water tank with platform and ladder and painting.				
<b>4</b>	<b>HARDWARE</b>				
i	Roofing screws 65mm long				
ii	Hex head screws 25mm long				
iii	Wafer head screws 25mm long				

iv	Anchor bolt M16x150 long				
<b>5</b>	<b>ROOFING</b>				
	The Roofing shall be Roof Sheets of Hot Dip Galvanized, Color coated corrugated 0.5TCT, confirming to IS:513 and				
i	<b>color : Blue, Make : Jsw, Uttam or equivalent</b>				
<b>6</b>	<b>ROOF INSULATION</b>				
i	50mm thik. Glass Wool packed in polythin bag up on false ce				
<b>7</b>	<b>FLOORING</b>				
	600mm x 600mm Vetrified Flooring Tiles (Dry area) for				
i	internal and external passage area. Make - Somany, Naveen, Spartek, Bell, Regency or equivalent				
<b>8</b>	<b>DOORS &amp; WINDOWS :</b>				
	<b>FG1 :</b> 12mm toughned glass for fix partition with "D"				
iii	bracket in front entry area only maximum 8'.0"height.				
	D1: 12mm toughned glass doors with floor spring, "H" type				
vii	handle, patch fitting all complete for main entrance doors only. Size 8'.0" x 3'.0". 4nos.				
<b>9</b>	<b>PAINTING</b>				
i	<b>Internal paint :</b> 1 Coat primer, 2 coats Satin Finish Acrylic Emulsion washable paint , Acrylic	PLIN TH AREA IN SQ. FT			
ii	<b>External paint :</b> 1 Coat Acrylic Exterior primer,and 3 coats Dulux Weathershield Max by roller application, Make : Asian Paint, Burger paint or equivalent		<b>1400</b>		
<b>B. INTERIOR WORKS</b>					
<b>PHASE 2</b>					
<b>SUB-HEAD - I : INTERNAL WIRING</b>					
1	Providing and fixing with 1.5sqmm and 2.5sqmm FRLS Copper wire,20/25mmPVC coduit,Concealed M.S.Switch box,ModularPlates,Switches,fanRegulator,Sockets,Switches, For Lightpoints,fan.AC,fridge,Camera Power,Computer Power,Sign board,with material and Labour.	Point	<b>120</b>		
2	Lan/ Networking wiring only with data socket, plate, box, labour all complete as per drawing.	Mtr	<b>90</b>		
3	Providing and fixing pre wired led light fittings 600mm X 600mm as per detail with labour testing and commissing etc for internal and extarnal passage area as per required.Make:Philips,Bajaj,Crompton,or Equivalent.	Each	<b>36</b>		
4	providing and fixing wall fan 600mm white in colour with clamp on wall with safety grill. Make bajaj, orient or equalant.	Each	<b>5</b>		

5	providing and fixing ceiling fan 1200mm white in colour with clamp, labour all complete.	Each	10		
6	providing and fixing pre wired led tube light 1200mm long open fitting for store room, dining room, wash area, fitting room and office room.	Each	9		
	<b>SUBHEAD- II: M.V. PANELS/ DISTRIBUTION BOARD</b>				
	Supplying & fixing 5 amps to 32 amps rating 240/415 volts C curve Miniature Circuit Breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
1	Single Pole	Each	16		
2	ELCB 32amps	Each	2		
3	Powder coated Metal Distribution Box 6way	Each	2		
	<b>SUB-HEAD -III : EARTHING</b>				
1	supplying, laying testing commissioning of 1x4 sq.mm. CU flexible cable for earthing on surface or in recess in existing conduit complete as required.	Mtr	50		
	<b>SUB-HEAD - IV : L.T. CABLES</b>				
1	Supply, laying and testing of under noted sizes of Aluminium conductor XLPE insulated PVC sheathed & sleeved armoured and overall PVC sleeved 1.1 KV grade power distribution cables conforming to relevant IS code and as per specification in ground (in existing trenches) through pipe or on wall / racks cable trays including dressing and clamping the cable with MS zinc passivated clamps etc. as required.				
i)	4 x 16 sq.mm	Mtr	50		
2	Supplying & making of end terminations with brass compression gland and Al. lugs for following sizes of PVC insulated and PVC sheathed/ XLPE Al. conductor cable of 1.1 KV grade as required.				
i)	4 x 16 sq.mm	Set	2		
	<b>SUB-HEAD -V : CCTV SYSTEM</b>				

1	Supply,installation,testing and commissioning of Digital camera, 0.5 lux with 3/ 4 mm fixed lens with IR Leds for Day and night vision or equivalent complete as required in mini dome shape fixed type, including all wiring from the control module in existing PVC conduits complete as required. Make: honeywell, bosch, Hikvision, samsung	Set	13		
	Supply,installation,testing and commissioning of 16 – channel colour HD Video Mgmt system with 16 cameras inputs Built in multiplexer, Digital Video recorder, Video motion Detection system, along with 19" monitor 1nos., TCPIP network feature for remote monitoring & 500GB HDD Make: honeywell, bosch, Hikvision, samsung or equilant.	Each	1		
	<b>SUB-HEAD -VI : UPS SYSTEM</b>				
1	Supply, Installation, testing & commissioning of 1x 3 KVA UPS system configuration with 1Phase Input and 1 Phase Output True On Line Double Conversion UPS including Battery Circuit Breaker for Each Module CRCA housing with all required fixing accessories and hardware, Inbuilt Static switch bypass and inverter in each UPS module, In-Built Manual Maintenance by-pass, Sealed Maintenance free batteries, Battery Racks MS Powder Coated etc complete as required. Make: Eaton, APC, Emerson. <b>Make Eaton Model No 9145.Battery back will be 30-40 mins.</b>	Set	1		
	<b>SUB-HEAD -VII : AC UNITS</b>				
1	Supply, installation , testing & commissioning 2 Ton split aircondition , including indoor and outdoor units , copper piping, drain piping, insulation, control and power cables between outdoor and indoor units, complete as required by Engineer-in Charge only for patient waiting area, pharmacy, optical room only. Make: Voltas, Bluestar, Daikin	Set	6		
2	providing and fixing extra refrigeration copper pipe with labour after 3mtr.	rmt	10		
	<b>SUB HEAD - VIII INTERIOR WORKS</b>				

1	<p><b>GRID CEILING</b> :P/F mineral fibre tile 600mm x 600mm 10mm thick. 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>	Sft	<b>1110</b>		
2	<p><b>GRID CEILING</b> :P/F PVC tile 2100mm x 150mm 6mm thick. 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>	Sft	<b>400</b>		
3	Rolling Shutter in Front and Side Front.	Sft	<b>425</b>		
4	providing and fixing ball bearing for rolling shutter	nos.	<b>4</b>		
5	extra for providing manual operating gear with handle for rolling shutter operate.	nos.	<b>1</b>		

6	<p><b>MEDIUM SIZE MEDICAL STORAGE RACKS TYPE A:</b>  Open Wooden display laminated cabinets in plywood at the free floor area with proper provision of racks and shelves. Maximum height of the cabinet is depending upon the available height at the location. 450mm deep prelaminated storage unit with 18mm commercial ply shelves laminated bothside with front edge polish/painted and shutters fixed with hinges to be provided.The height of 450mm deep storage shall be 750mm from the ground. Rest of the height - 450mm wide 10mm thk clear float glass shelves to be fixed between laminated vertical 30mm ply without back. shelves to be fix with proper bracket holders.</p> <p>Note: Storage unite to include: Shutters of 18mm thick prelamine,18mm thick, back ply, hinges, individual locks, 150mm lonk 10mm dia 'H" handle, edge polish/painted match with outer laminate colour.  Make laminate :Greenlam - 283 Sky blue / Merino / Century.</p>	Sq. ft	338		
7	<p><b>MEDIUM SIZE OPTICAL STORAGE RACKS:</b>  Open Wooden display laminated cabinets in plywood at the free floor area with proper provision of racks and shelves. Maximum height of the cabinet is 1800 mm depending upon the available height at the location. 600mm deep prelaminated storage unit with 18mm thk prelaminated shelves or glass shelves and shutters fixed with auto hinges to be provided.The height of 600mm deep storage shall be 750mm from the ground. Rest of the height - 300mm wide 10mm thk clear float glass shelves to be fixed with holders till ceiling height.</p> <p>Note: Storage unite to include: Shutters of 18mm thick prelamine,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</p>	Sq. ft	####		

8	<b>COUNTER FOR OPTICAL: SINGLE</b> level Counter of 2'.0" ft. depth, first step at 900 mm from ground . counter top on 19mm thick waterproof ply and glass as per designed. Under counter storage unit to be fixed with individual locks and handles as per app. 600mm wide laminated door and openable counter top to be part of the counter as per design. The counter ends at both sides shall be in such a way that, it effectively separates the customers from the storage area. ALL AS PER DESIGNED . Cash drawers of suitable design is to be installed.	Sq. ft	<b>48.00</b>		
9	<b>COUNTER FOR MEDICAL:</b> Double level Counter of 1 ft. depth, first step at 900 mm from ground and Counter top at 1050 mm level. 12mm thk acrylic sheet (pure white in color) to be used for counter top on 25mm thick waterproof ply. Under counter storage unit (below 900 mm) to be fixed with individual locks and handles as per app. The counter ends at both sides shall be in such a way that, it effectively separates the customers from the storage area. Cash drawer of suitable design is to be installed.  Make PLYWOOD: GREENLAM, MARINO OR EQALIAN	Sq. ft	<b>63.00</b>		
10	Providing and fixing 35mm Water proof flush door with both the side Lamination, along with hinges, tower bolt from inside, mortgage lock, door closer, with labour. 7'.0 X 3'.0. 4 No.	sft	<b>84.00</b>		
11	Executive chair with arm rest	nos.	<b>15.00</b>		
12	Supplying and fixing of carbon dioxide fire extinguisher type 2 kgs. Capacity of approved make with wall mounting bracket as required conforming to IS: 2878/1976 (Push type).	nos.	<b>5</b>		
13	<b>SLOTTED ANGLE RACK:-</b> Fabricating, supplying and placing slotted angle rack of size 900wx2400hx300mm deep made as per manufacturers specification.	sft	<b>480</b>		
14	MS Powder Coated Perforated Comby Chair with handrest - 3 seater type	nos.	<b>4</b>		
	<b>TOTAL FOR PHASE 2</b>				
	<b>TOTAL FOR PHASE 1</b>				
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	<b>Taxes and Other Statutory Payments</b>				
	<b>GRAND TOTAL (Final Bid Amount)</b>				