

GENERIC PHARMACY AT M.P SHAH HOSPITAL, JAMNAGAR - INTERIOR					
SCHEDULE OF QUANTITIES					
Sl. N	Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
A	<b>ADDITIONAL LAYERS ON</b>				
A.	<b>WOODEN FRAME WORK: P/F</b>				
1	50mmx50mm <b>Kail wood frame</b> (Seasoned, anti termite proofed) wood frame for paneling / partition in <u>reception and other areas if required.</u>	SqM	45.00		
A.	<b>PLYWOOD LAYER: P/F</b> of 12mm thk Ply fixed on relevant Frame Work (GI/Merandi Wood frame work)	SqM	55.00		
A.	<b>LAMINATION: P/L</b> 1mm thick lamination as per approved colour and texture on ply/board where ever necessary including glue and required hardware. Make: Marino / Virgo/	SqM	55.00		
B	<b>DOORS &amp; HARDWARES</b>				
B.	Entrance door in aluminium frame work with 5 mm float glass (3'0"X7'0")	No.	2.00		
B.	Ozone hardware fitting for Aluminium door (Ozone make handle -H Shape, Ozone make floor spring , floor lock strike plate & EP cylinder complete	Set	2.00		
B.	Rolling shutter: S/F rolling shutter of approved make, made of required size M.S laths, interlocked together through their entire length and jointed together at the end locks, mounted on specially designed pipe shaft and brackets, side guides and arrangements for inside and outside locking with push and pull operation complete.	No.	1.00		
C	<b>CEILING</b>				
	<b>GRID CEILING</b> :P/F of Mineral Fibre Acoustical Suspended Ceiling System with (MICRO LOOK) EDGE TILES				
	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)				
C.	Tile: 600x600x15	SqM	45.00		
1					
C.	Gypsum ceiling	Sqm.	20.00		
2					
D	<b>FIXED STORAGES</b>				

D. 1	<b>MEDICINE STORAGE:</b> P/F of 2400mm high storage unit.600mm deep laminated storage unit with 18mm thk laminated 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 glass shelves to be fixed with aluminium channel 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 laminate,6 mm thick back ply, auto closing hinges, individual locks, 100mm long handle, adjustable	SqM	36.00		
D. 2	<b>Slotted angle racks:-</b> Fabricating and supplying and placing slotted angle racks of size 900 WX 2100HX400D made as per manufacturers specification.	Nos.	16.00		
D. 3	<b>COUNTER:</b> P/P of Double level Counter of 750mm depth and Counter top at 1050mm level. 12mm thk PVC acrylic (Corian) top to be used for counter top on 18 mm thk commercial ply front edge to be made 25 mm thk. 1mm thk laminated strip of 150mm high to be fixed on ply at 9000mm. 18mm thick prelaminated shelves to be inbuilt in counter. Under counter storage unit to be fixed with indivual locks and handles as per app. 150mm high SS glossy skirting. Make: Greenlam-173 Barbie Pink, virgo 1018 blue / Merino /	SqM	5.00		
D. 4	<b>COUNTER:</b> P/P of Double level Counter of 450mm depth and Counter top at 1050mm level. 12mm thk PVC acrylic (Corian) top to be used for counter top on 18 mm thk commercial ply front edge to be made25 mm thk. 1mm thk laminated strip of 150mm high to be fixed on ply at 9000mm. 18mm thick prelaminated shelves to be inbuilt in counter. Under counter storage unit to be fixed with indivual locks and handles as per app. 150mm high SS glossy skirting. Make: Greenlam-173 Barbie Pink, virgo 1018 blue / Merino /	SqM	4.00		
D. 5	<b>HIGH STOOLS :</b> P/P fabric seat /back , 5 pronged chrome plated finish base on twin wheel casters with Swivel gas lift height adjustment. Color of upholstery as	Nos	6.00		
D. 6	<b>OVER HEAD STORAGE RACKS :</b> Wooden display laminated cabinets in 18 mm ply with 6 mm back- on the walls with proper provision of racks-shelving upto 9'6" height and 300 mm in depth. Make: Virgo - 1018 blue / Merino /	Sqm.	9.00		

D.	<b>OPEN MEDICINE STORAGE RACKS:</b> 7 Open Wooden display laminated cabinets in 18mm ply with 6 mm back at the free floor area with proper provision of racks and shelves. Maximum height of the cabinet is 2100 mm depending upon the available height at the location. 230mm deep prelaminated storage unit with 18mm thk prelaminated shelves Make: Virgo - 1018 blue / Merino / Century	Sqm	14.00		
E	<b>PAINTING &amp; FINISHING</b>				
E.	<b>ACRYLIC EMULSION PAINT</b> - Apply 3 coats in roller mode-paint with 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	SqM	195.00		
E.	<b>Enamel paint:-</b> Applying 3 coats of enamel. Rate include base preparation with red oxide as per site condition Make: ICI, Nerolac, Asian, Berger	SqM	10.00		
F	<b>MISCELLANEOUS</b>				
F.	Dismantling/removing of existing furniture	L.S.	1.00		
F.	Removing of door and walls	Nos	1.00		
F.	Plastering work in 1:4 cement mortar	L.S.	1.00		
F.	<b>SIGNAGES:</b> Box type sign board with	Nos	1.00		
F.	Providing and fixing aluminium work for partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS:733 and IS:1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPD Mrubber/ neoprene gasket etc. Aluminium sections shall be smooth, rustfree, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing/ paneling, C.P.brass/ stainless steel screws, 12mm Thk Ply with Laminate in the bottom and 8mm Thk Float glass in Top all complete as per architectural drawings and the directions of Engineer-	Sqm.	16.50		
F.	Aluminium composite panel cladding work with M.S.frame of approved colour around the shutter and signage space.	Sqm.	25.00		
<b>TOTAL</b>					
<b>ELECTRICAL &amp; OTHER SERVICES WORKS</b>					
<b>SL</b>	<b>DESCRIPTION OF ITEM</b>	<b>UNIT</b>	<b>QTY.</b>	<b>RATE (RS.)</b>	<b>Amount (Rs.)</b>
<b>N</b>					
<b>O</b>					
<b>SUB-HEAD - I : INTERNAL WIRING</b>					

1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit with modular switch modular plate suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc as required				
	Group C	Point	28.00		
2	Wiring for circuit/ submain wiring alongwith earth wire with the following size of FRLS PVC Insulated copper conductor, single core cable in surface/ recess medium class PVC conduit as				
i)	2x 2.5 sqmm+ 1x 2.5 sqmm earth wire	Meter	125.00		
3	Wiring for air conditioning plug points with 2 x 4 sq.mm. FRLS PVC insulated, Cu. Conductor, single core cable in surface/ recessed medium class PVC conduit along with 1 No. 4 sq.mm. FRLS PVC insulated copper conductor single core cable for loop earthing as required	Metre	90.00		
4	Supplying and fixing of Stepped type electronic fan regulator on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	Each	5.00		
5	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	0.00		
6	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 3 pin 5/6 Amp modular socket outlet and 5/6 A modular type switch, connections painting etc. as reqd, for Light plug point	Each	21.00		
7	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin 5/6 & 15/16 Amp modular socket outlet and 15/16 A modular type switch, connections painting etc as required	Each	13.00		
8	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent /LED fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc as	Each	20.00		
9	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq.mm FRLS PVC insulated, copper conductor, single core cable,including providing and fixing phenolic laminated sheet cover on the	Each	6.00		

10	Supplying and fixing 20A 240Volts SPN industrial type socket outlet with 2 pole and earthed in metal enclosed plug top along with 20A c curve SP,MCB ,in sheet steel enclosure on surface or in recessed with channed metal cover for the socket outlet and complete with connection testing and	Each	4.00		
11	Supplying and fixing of following sizes of PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required as per specification.				
i)	25mm dia PVC conduit	Metre	110.00		
ii)	32mm dia PVC conduit	Metre	75.00		
12	Supplying and fixing of carbon dioxide fire extinguisher type 4 kgs. Capacity of approved make with wall mounting bracket as required conforming to IS: 2878/1976 (Push type).	Each	2.00		
<b>SUB-HEAD II - FANS &amp; LIGHT</b>					
1	Supplying of minimum 36 watt LED recessed type (600 mm X 600 mm) extruded aluminium luminaire with heat sink installed back side, high quality diffuser fix in front frame max depth of 10mm total system wattage less than 45W with LED make of Cree/ Nichea( 36X1W LED) operating at 350 mA. lamp color 4000k, complete with electronic driver, CRI 80, lamp life 50,000 hrs, warranty 1 year , lockable holders and including connection etc as required.	Each	12.00		
2	Supplying of minimum 18 watt LED concealed type (150 mm dia.) lamp color 4000k, complete with electronic driver. CRI 80, lamp life 50,000 hrs.	Each	8.00		
3	Supplying of 1200mm sweep ceiling fan complete with blades, down rod, shackle insulator, canopy etc.	Each	6.00		
<b>SUBHEAD- III: M.V. PANELS/ DISTRIBUTION BOARD</b>					
1	Supplying and fixing following way,prewired SP&N,MCB distribution board of sheet steel 240 volts on on surface/ recess, complete with loose wire box ,terminal connectors for all incoming and outgoing circuits ,duly prewired with suitable size FRLS PVC insulated copper conductor up to terminal blocks, tinned copper busbars, neutral link, earth bar, dinbar, detachable gland plate , interconnections powder painted including earthing etc as required (But				
	2 + 4 way/6 way, double door	Each	1.00		

2	Supplying and fixing following way,prewired TP&N,MCB distribution board of sheet steel 415 volts on on surface/ recess, complete with loose wire box ,terminal connectors for all incoming and outgoing circuits ,duly prewired with suitable size FRLS PVC insulated copper conductor up to terminal blocks, tinned copper busbars, neutral link, earth bar, dinbar, detachable gland plate , interconnections powder painted including earthing etc. as required (But				
	8 way (4+24),Double door	Each	1.00		
3	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				
	Single Pole	Each	16.00		
4	Supplying and Fixing of following rating double pole 240 Volts isolator in the existing MCB DB complete with connections ,testing and commissioning etc as required.				
	40 amps	Each	2.00		
5	Supplying and Fixing of following rating four pole 415 Volts isolator in the existing MCB DB complete with connections ,testing and commissioning				
	63 amps	Each	1.00		
6	Supplying & Fixing of following rating double pole (single phase and neutral) 240 volts, Residual Current Circuit Breaker (RCCB), having a sensitivity current upto 300 milli-amperes in the existing MCB DB complete with connections ,testing and commissioning				
	40 Amps	Each	3.00		
<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	Metre	5.00		
2	supply and fixing of single/three phase electric meter	No.	1.00		
3	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	4.00		
<b>SUB-HEAD -V : EARTHING</b>					

1	Earthing with GI earth plate 600 x 600 x 6mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement with watering pipe complete with coke and salt etc. as required.	Each	0.00		
2	supplying, laying testing commissioning of 1x4 sq.mm. CU flexible cable for earthing on surface or in recess in existing conduit complete as required.	Metre	0.00		
<b>SUB HEAD-VI : TV, TELEPHONE SYSTEM &amp; LAN SYSTEM</b>					
1	Supplying, drawing, connecting and testing of 0.5 mm dia annealed copper conductor PVC insulated PVC sheathed telephone wire in existing conduit/wire way duct etc. as required of following				
b)	2 Pair (4 core)	Metre	0.00		
2	Providing, laying, connecting and testing of multi-core telephone armoured cable of conductor size 0.63mm dia annealed copper conductor PVC insulated PVC sheathed jelly filled (as per DOT specification) cable along wall or ceiling or through existing pipe				
a)	5 Pair telephone cable	Metre	5.00		
3	Providing, fixing connecting and testing of under noted size of solderless telephone tag block Krone make in surface/recess in wall required size of M.S. box with hinged lockable cover duly				
a)	5 pair tag block	Each	0.00		
4	Supplying and fixing M.S. box with modular type telephone (RJ-11) outlet complete as required. Make: Panduit.	Each	1.00		
5	Supplying and fixing M.S. box with modular type data/ computer (RJ-45) outlet complete as required. Make: Panduit, Systimax, Belden	Each	10.00		
6	Providing, laying, connecting and testing of data/ computer Cat-6 cable along wall or ceiling or through existing pipe, including penta scanning documentation etc as required. Make: Panduit, Systimax.	Metre	125.00		
7	Supply, installation, testing and commissioning of cat-6 patch cord 1 metre complete as per specifications as	Nos.	10.00		
8	Supply installation testing and commissioning of 16-port switch with SFP uplink as per specifications complete as required.	Nos.	1.00		
9	Supply installation testing and commissioning of fully closed 6U rack cabinet with dual source power supply, all accessories as per specifications complete as required.	Nos.	1.00		
<b>SUB-HEAD -VII : CCTV SYSTEM</b>					

1	Supply,installation,testing and commissioning of HD 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, CP plus	Set	8.00		
2	Supply,installation,testing and commissioning of 8 - channel colour Digital Video Mgmt system with 8 cameras inputs Built in multiplexer, Digital Video recorder, Video motion Detection system, along with 15" monitor, with external alarm inputs & outputs TCPIP network feature for remote monitoring & 1TB HDD Make: CP	Each	1.00		
3	Supply,installation,testing and commissioning of power supply unit complete as required.	Each	1.00		
<b>SUB-HEAD -VIII : 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 for back up, Battery Racks MS Powder Coated etc complete as required. Make: Eaton, APC, Emergency	Set	1.00		
<b>SUB-HEAD -IX : AC UNITS</b>					
1	Supply, installation , testing & commissioning of 1.5 TR wall mounted split conditioning units, BEE 3 star rating including indoor and outdoor units complete as required by Engineer-in Charge. Make: Voltas, Bluestar.	Set	4.00		
2	Copper piping with insulation	Rm	1.00		
3	25 mm Drain pipe	Rm	1.00		
4	Power cable	Rm	1.00		
<b>SUB HEAD - MISCELLANEOUS ITEM</b>					
F. 4	Supply, installation , testing & commissioning of water dispenser, suitable for 20 litre water cans, with 5 litre storage capacity with outlets for normal, cold and hot water, single door, with separate compartment for refrigerator zone along with voltage stabilizer complete as required Make:	Set	1.00		
<b>Total Electrical</b>					
<b>TOTAL (Furnishing &amp; Electrical)</b>					
VAT @12.5% ON 70%					
Service tax @15% ON 30%					
<b>GRAND TOTAL</b>					