

SCHEDULE OF QUANTITIES					
INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, Sheikhpura, Patna					
OUTER STRUCTURE, INTERIOR AND ELECTRICAL WORKS					
SIZE 25'.0" X 25'.0" = 625'.0"SFT. (10'.0"height)					
Sl. No.	Item	Unit	Qty	Unit Rate (in Rs.)	Amount (in Rs.)
PHASE 1					
A.	OUTER STRUCTURE AND RELATED WORKS				
1	FOUNDATION				
i	Civil foundation with excavation, bottom pcc, 230mm brick work outer wall 300mm under FFL and 300mm above FFL, earth filling under pariferi wall, compaction, 50mm top pcc. All complete with material and labour.				
2	WALL PANNELS				
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 silicaceous and micacious 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				
3	STRUCTURE				
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.				
4	HARDWARE				
i	Roofing screws 65mm long				
ii	Hex head screws 25mm long				
iii	Wafer head screws 25mm long				
iv	Anchor bolt M16x150 long				

5	ROOFING				
i	The Roofing shall be Roof Sheets of Hot Dip Galvanized, Color coated corrugated 0.5TCT, confirming to IS:513 and color : Blue, Make : Jsw, Uttam or equivalent				
6	ROOF INSULATION				
i	50mm thik. Glass Wool packed in polythin bag up				
8	FLOORING				
i	600mm x 600mm Vetrified Flooring Tiles (Dry area), Make - Somany, Naveen, Spartek, Bell, Regency or equivalent				
10	DOORS & WINDOWS :				
iii	FG1 : 12mm toughned glass for fix partition with "D" bracket in front entry area only.				
vii	D1: 12mm toughned glass doors with floor spring, "H" type handle, patch fitting all complete for main entrance doors only. Size 8'.0" x 3'.0". 2nos.				
12	PAINTING				
i	Internal paint : 1 Coat primer, 2 coats Satin Finish Acrylic Emulsion washable paint , Acrylic				
ii	External paint : 1 Coat Acrylic Exterior primer,and 3 coats Dulux Weathershield Max by roller application, Make : Asian Paint, Burger paint or equivalent	SQ. FT	625'.0"		
TOTAL FOR PHASE 1					
B.	INTERIOR WORKS				
PHASE 2					
SUB-HEAD - I : INTERNAL WIRING					
1	Providing and fixing with 1.5sqmm and 2.5sqmm FRLS Copper wire,20/25mmPVC conduit,Concealed M.S.Switch box,ModularPlates,Switches,fanRegulator,Socket s,Switches,For Lightpoints,fan.AC,fridge,Camera Power,Computer Power,Sign board,with material and Labour.	Point	36		
5	Lan/ Networking wiring only with data socket, plate, box, labour all complete as per drawing.	Each	40		

6	Providing and fixing pre wired led light fittings 600mm X 600mm as per detail with labour testing and commissioning etc as required.	Each	8		
7	providing and fixing led tubelight 1200mm long open type slim fitting. For store room only.	Each	6		
8	providing and fixing ceiling fan 1200mm white in colour with clamp, labour all complete.	Each	4		
SUBHEAD- III: M.V. PANELS/ DISTRIBUTION BOARD					
	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	8		
2	ELCB 32amps	Each	1		
3	Powder coated Metal Distribution Box 6way	Each	1		
4	Providing and fixing with connection electric meter three phase electronic meter.	Nos.	1		
SUB-HEAD -IV : EARTHING					
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	15		
SUB-HEAD - V : L.T. CABLES					
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	15		

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		
	SUB-HEAD -VII : CCTV SYSTEM				
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	7		
2	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, aalong with 15" monitor 2nos., TCPIP network feature for remote monitoring & 500GB HDD Make: honeywell, bosch, Hikvision, samsung or equilant.	Each	1		
	SUB-HEAD -VIII : UPS SYSTEM				
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 bypass, Sealed Maintenance free batteries. Battery Racks MS Powder Coated etc complete as required. Make: Eaton, APC, Emerson. Make Eaton Model No 9145.Battery back will be 30-40 mins.	Set	1		

	Make Eaton Model No 9145 Battery back up 30-40 min Exide SMF Batteries				
	SUB-HEAD -IX : AC UNITS				
1	Supply, installation , testing & commissioning 2trn 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. Make: Voltas, Bluestar, Daikin	Set	2		
	SUB HEAD - X INTERIOR WORKS				
1	GRID CEILING :P/F Gypsum tile 600mm x 600mm 10mm thick. The tile shall be laid on 15mm tegular profile grid system as/manufactures standards. INSTALLATION: To comprise main runner spaced at 1200mm centres securely fixed to the structural soffit using same make suspension system at 1200mm maximum centre & 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.	Sft	725'.0"		
2	Rolling Shutter in Front and Side Front.	Sft	187'.0"		
3	providing and fixing ball bearing for rolling shutter	nos.	2		
4	extra for providing manual operating gear with handle for rolling shutter operate.	nos.	1		

5	<p>MEDIUM SIZE MEDICAL STORAGE RACKS TYPE A: 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. size 7'.6" x 9'.6"ht.</p> <p>Note: Storage unite to include: Shutters of 18mm thick prelaminated,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	66'.6"		
---	---	--------	--------	--	--

6	<p>ITEM D.</p> <p>Open Wooden display laminated cabinets in plywood at the free floor area with proper provision of racks and shelves.</p> <p>Maximum height of the cabinet is depending upon the available height at the location. 300mm 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 300mm deep storage shall be 750mm from the ground . Rest of the height - 300mm 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. size 22'.0" x 9'.6"ht.</p> <p>Note: Storage unite to include: Shutters of 18mm thick prelaminated, 18mm thick, back ply, hinges, individual locks, 150mm lonk 10mm dia 'H' handle, edge polish/painted match with outer laminate colour.</p> <p>Make laminate :Greenlam - 283 Sky blue / Merino / Century.</p>	sft	209'.0"		
---	---	-----	----------------	--	--

7	<p>COUNTER FOR MEDICAL: 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. 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. Cash drawer of suitable design is to be installed. size 25'.0" x 3'.6"ht.</p> <p>Make PLYWOOD: GREENLAM, MARINO OR EQALIAN T</p>	Sq. ft	87'.6"		
8	Executive chair with arm rest	nos.	10.00		
9	Working table in store room for seating of two person. Size 3'.0" x 2'.0"	nos.	1.00		
10	SLOTTED ANGLE RACK:- Fabricating, supplying and placing slotted angle rack of size 900wx2400hx300mmdeep made as per manufacturers specification.	sft	672'.0"		
TOTAL FOR PHASE 2					
Total Amount for Phase I & 2					
Taxes & Other Statutory payments (Pl.specify)					
GRAND TOTAL (FINAL BID AMOUNT)					