

**AMRIT PHARMACY - AIIMS, BHUBANESWAR**

**BILL OF QUANTITIES - CIVIL AND STRUCTURE WORKS**

Sl. No.	DSR Code	Item	Unit	Qty	Rate	Amount
1		FOUNDATION				
i	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	4.1.3	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	CuM	8.00		
ii	NSR	Providing and laying GI channel of size 25mmx75mmx50mm,1mm thick on the floor with <b>75mm L 12mm</b> thick metal anchor fastener pin type .	Kg	270.00		
2		WALL PANELS				
i	NSR	External : P/F 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, having overall thickness not less than 75mm having density not less than 650Kg/m <sup>3</sup> , Fire Propagation Index (I) 3.7 as per BS 476 Part-6 - 1981, confirming weather resistivity, fire resistivity as per relevant IS Codes/ equivalent BS codes as per drawing.	SqM	125.00		
		Make:Everest/Hil/Equivalent				
3		STEEL STRUCTURE				
i	NSR	Providing and fixing 72X72mmx 2mm M.S. Tubular structure, joints mitred, welded and grinded finish, with profiles of required sizes, including all hardwares, anchor bolts, nuts, studs and self driven screws etc complete after applying a priming coat of approved metal primer as per drawing.	Kg	400.00		
ii	NSR	Trusses as per design, One Side Slope with 60mm X 40mm X 2mm Thick M.S. Tubular Frame with 40mm X 40mm X 1.5mm Thick Tubular Cross Bracing between Truss Frame.	Kg	425.00		
iii	NSR	Providing and fixing MS Tubular section of 60mmx40mmx2mm Purlin including all hardwares, anchor bolts, nuts, studs and self driven screws etc complete after applying a priming coat of approved metal primer as per design and drawing.	Kg	360.00		
4		ROOFING				
i	NSR	Sheets- Providing and fixing roofing sheets of Hot Dip Galvanized, Color coated corrugated sheets <b>0.5TCT</b> , confirming to IS:513 with self driven screw, epdm washers and sealed with silicon rubber to ensure double protection against roof leakages as per design and drawing <b>having thickness not less than 0.5mm.</b>	SqM	100.00		
		Color : Blue, Make : Jsw, Uttam or equivalent....				
ii	NSR	Providing and fixing 50mm thick Glass Wool of density not less than 16Kg/cum with one side Aluminium foil, confirming to IS:8183as per drawing.	SqM	85.00		
		Make : <b>Twiga/ Aerowheel/Equivalent</b>				
iii	NSR	Providing and fixing, uPVC pipes 6 Kg/Cm <sup>2</sup> (IS: 4985) of approved brand & manufacture including all fittings (plain or door) e.g. bends, junction, offsets, access pieces, jointing with rubber ring/solvent cement joints including required supports, cutting chase or holes in walls and floors and making good where required of approved brand & manufacture complete as per direction of Engineer in Charge.				
		160 mm OD.	Rm	10.00		
		110 mm OD.	Rm	10.00		
		<b>Make : Prince /Ashirwad/Astral/Equivalent</b>				
5		DOORS AND PARTITIONS				
	NSR	<b>GLAZED PARTITION:</b> Providing and fixing 12mm toughened glass fixed to floor, partition and in ceiling and in floor with U-shaped aluminium channels embedded in floor sealed with silicon of approved quality and make complete as directed and as per drawings.	SqM	17.00		
		<b>Make : Saint Gobain/ AIS/Equivalent</b>				

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	NSR	<b>GLASS DOOR:</b> Providing and fixing 12 mm thick frameless toughened glass openable doors of any sizes, single leaf and of approved brand and manufacturer, including providing and fixing top & bottom patch fitting, patch lock,striking plate & EP Cylinder, floor spring FS 8400 and door handle OGH55(25x300)/PSS/SSS-H shape and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge & TS. Designer frosted film shall be provided as per drawing or direction of Engineer-in-charge.	SqM	6.00		
		Make: Glass: Fixtures:Ozone/ Dorma/equivalent.				
6		<b>ROLLING SHUTTER</b>				
	10.6	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 part 1 and M.S. top cover of required thickness for rolling shutters.				
		80x1.20 mm M.S. laths with 1.20 mm thick top cover.	SqM	14.00		
	10.7	Providing and fixing ball bearing for rolling shutters	Each	4.00		
	10.8	Extra for providing mechanical device chain and crank operation for operating rolling shutters.				
	10.8.1	Exceeding 10.00 sqm and upto 16.80 sqm in the area	SqM	20.00		
		<b>SUB TOTAL</b>				
		<b>Taxes:-</b>				
		<b>Octroi Extra if applicable</b>				