

Name of Work: Renovation and upgradation of Medical council room/meeting room at ground floor, HIMSR Building.

Bill of Quantities of Civil Work

S No	Description	UOM	Qty	Rate	Amount
(A)	Schedule items based on DSR-2016				
1	15.57 Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material within 50 meters lead as directed by Engineer-in-charge.	sqm	110.00		
2	15.12 Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : 15.12.2 Of area beyond 3 sq. metres	each	2.00		
3	14.1 Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. 14.1.1 With cement mortar 1:4 (1 cement : 4 fine sand)	sqm	10.00		
4	12.52 Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.				

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	12.52.2 GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece.				
		sqm	78.00		
5	11.41 Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. 11.41.2 Size of Tile 600x600 mm	sqm	10.00		
6	14.43 Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	sqm	135.00		
7	13.80 Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	135.00		
8	13.85 Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. 13.85.3 With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	sqm	135.00		
9	13.82 Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. 13.82.2 Two coats	sqm	135.00		
10	14.54 Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : 14.54.1 One or more coats on old work	sqm	10.00		
	Total of Schedule Items				

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(B)	Non-Schedule Items (Aluminium work)				
1	<p>Providing and fixing aluminium partition work with doors, windows, ventilators and 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 EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete with polyester powder coating 50 microns and partial particle board 12 mm and 6 mm thick float glass panels including necessary fitting & fixtures like handle, lock, hinges, lower bolts etc. as per drawings and the directions of Engineer-in-charge.</p> <p>For partition section: Vertical section: 62.5X37.5mm. Middle section: 62.5X37.5mm.</p> <p>For door section: Vertical section: 81.25X43.70mm. Horizontal Section: 81.25X43.70mm. Middle section: 81.25X43.70mm.</p> <p>Window Sections: Z-section as per the specification of the window work of openable and fixed glazing.</p>	sqft	94.00		
2	<p>Fabrication of wooden board conference table of U shape of size 22'-0" from center of the table to the end on each side, width 2'-6" and height 2'-9" with 19mm plyboard on top, sides and vertical legs, 12mm ply on front side. 9" wide strip of 19mm plyboard on all around the table at edges with teak wood moulding on edges and front of vertical legs, wooden footrest of 9" wide with 1.0 mm Lamination on the top and sides of the legs on all expose surface and malamine polish on the teak wood moulding etc. complete with all necessary materials like favicol, nails etc. as per drawing and design and direction of Engineer In-charge.</p>	Job	1.00		
Total Non-Schedule Items					

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Bill of Quantities of Electrical work

S No	Description	UOM	Qty	Rate	Amount
(C)	Schedule items based on DSR-2016				
1	1.10 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. 1.10.2 Group B	Point	18.00		
2	1.12 Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper 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.	meter	90.00		
3	1.24 Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required 1.24.1 5/6 A switch Each 84	each	10.00		
	1.24.3 15/16 A switch Each 114	each	12.00		
	1.24.4 3 pin 5/6 A socket outlet Each	each	10.00		
	1.24.5 6 pin 15/16 A socket outlet Each 153	each	12.00		
	1.24.6 Telephone socket outlet	each	2.00		
4	1.27 Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc. as required. 1.27.2 3 Module (100 mmX75 mm)	each	6.00		
	1.27.3 4 Module (125 mmX75 mm)	each	8.00		
	1.27.4 6 Module (200 mmX75 mm)	each	6.00		
	1.27.5 8 Module (125 mmX125 mm)	each	2.00		
5	1.17 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required. 1.17.1 1 x 1.5 sq. mm	meter	50.00		
	1.17.2 2 x 1.5 sq. mm	meter	70.00		
	1.17.20 2 x 4 sq. mm	meter	90.00		
6	1.18 Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. 1.18.2 2 Pair	meter	15.00		
7	2.10 Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. 2.10.1 Single pole Each	each	4.00		
	2.10.3 Double pole	each	4.00		
Total of Schedule Items					

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(D)	Non Schedule Items Electrical work				
8	Supply and fixing of 2x2 square 36 watt LED panel light complete with connection etc. as required of make Philips & Syska.	each	12.00		
	Total of Non Schedule items				