

M/s HLL Infra Tech Services Ltd. (HITES)

(Subsidiary of HLL Lifecare Ltd., A Government of India Enterprise)

TENDER

for

CIVIL FINISHES WORKS AFTER FPS WORKS IN GROUND AND FIRST FLOOR OF SOPD BLOCK IN JIPMER, PUDUCHERRY

Volume- IV

BILL OF QUANTITIES

Tender No: HITES/CHN/18-19/004

Dated: 20th June 2018



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Tender no: HITES/CHN/18-19/004 dt. 20.06.2018

BILL OF QUANTITIES

**CIVIL FINISHES WORKS AFTER FPS WORKS IN GROUND AND FIRST FLOOR OF SOPD BLOCK
IN JIPMER, PUDUCHERRY**

Sl. No.	DSR(2016)/L MR	Description of Work	Unit	Qty	Rate in Figures	Rate in words	Amount in figures
1		PAINTING					
a	13.46.1	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	Sqm	100.00			
b	14.42.1	White washing with lime to give an even shade : Old work (two or more coats) - For wall	Sqm	250.00			
c	14.42.1	White washing with lime to give an even shade : Old work (two or more coats) - For ceiling	Sqm	550.00			
d	14.45.1	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : Old work (one or more coats)	Sqm	6,912.15			
e	14.46	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sqm	6,912.15			
f	13.41.1	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm	1,810.80			
2		RE-LAYING OF FALSE CEILING WORKS					
		MOISTURE RESISTANT GYPSUM BOARD					
a	12.45.3	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate					
		channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square					

Sl. No.	DSR(2016)/L MR	Description of Work	Unit	Qty	Rate in Figures	Rate in words	Amount in figures
		SUB HEAD : 12- ROOFING 742 edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum moisture resistant board	Sqm	1,050.00			
3		ii MINERAL FIBRE BOARD FALSE CEILING					
a	26.27.1	Providing and fixing mineral fibre false ceiling tiles at all heights of size 595X595mm of approved texture, design and pattern. The tiles should have Humidity Resistance (RH) of 99%, Light Reflectance ?85%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Fire Performance as per (BS 476 pt - 6 & 7) in true horizontal level suspended on interlocking T-Grid of hot dipped all round galvanized iron section of 0.33 mm thick (galvanized @120 gsm)					
		comprising of main T runners of 15x32 mm of length 3000 mm, cross T of size 15x32mm of length 1200 mm and secondary intermediate cross T of size 15x32 mm of length 600 mm to form grid module of size 600x600 mm suspended from ceiling using galvanized mild steel item (galvanised@80gsm) 50 mm long 8mm outer diameter M-6 dash fasteners, 6 mm diameter fully threaded hanger rod up to 1000 mm length and L-shape level adjuster of size 85x25x2 mm, spaced at 1200 mm centre to centre along main 'T'.					
		The system should rest on periphery walls /partitions with the help of GI perimeter wall angle of size 24x24X3000 mm made of 0.40 mm thick sheet, to be fixed to the wall with help of plastic rawl plug at 450 mm centre to centre & 40 mm long dry wall S.S.screws. The exposed bottom portion of all T-sections used in false ceiling support system shall be pre-painted with polyester baked paint, for all heights. The work shall be carried out as per specifications, drawings and as per directions of the engineer-in-charge. With 16 mm thick beveled tegular mineral fibre false ceiling tile (NRC 0.55 to 0.6)	Sqm	550.00			
Total						-	
Deduct correction factor @ 10.49%						-	
Sub total (A)						-	
2		RE-LAYING OF FALSE CEILING WORKS					
		MOISTURE RESISTANT GYPSUM BOARD					
b	LMR	b) Labour charges for fixing of gypboard false ceiling with 12.5mm thick fixed using the G.I suspended grid formed of GI perimeter channel 0.5mm thick of size 25mm x 25mm fixed along the wall with rawl plugs. I fasteners at 600mm c/c, GI intermediate channel of size 45mm x15mm flange x0.60mm fixed to a G.I soffit cleat of size 37x25x 0.9mm with a suspended GI ceiling angle at 1200mm c/c with suspended strap and GI ceiling section of size 60x20x0.4mm provided across the intermediate channel at intervals not more than 600mm centres. The same fixed by GI connection clips 1.50mm dia at the intersection points. The labour charges shall include making cut outs for tube lights, spot lights, duct doors, for specified size, grills, providing additional trimming around cut outs for light fittings, grills, etc., providing additional supports from ceiling where main/cross members are cut for light fittings etc.	Sqm	950.00			

Sl. No.	DSR(2016)/L MR	Description of Work	Unit	Qty	Rate in Figures	Rate in words	Amount in figures
3		ii MINERAL FIBRE BOARD FALSE CEILING					
b	LMR	b) Labour Charges for fixing of 600mm x 600mm size and thickness 15mm mineral fiber board false ceiling of false ceiling with square I shadow line tapered /fine line edged I pedestal I beveled edges produced on ad advanced equipment, which includes several leveling stages in the manufacturing process. Suspension system consisting of rows of 0.4mm thick 30x15mm G.I profiles at 600mm c/suspended from roof structure by 20x15x0.4mm					
		G.I. Suspension angles connected to a GI ceiling brackets of 0.7mm thick mounted on the slab with the help of suitable Fastner and hold on clamps. The spacing between the hold on clamps and the suspension system point is not less than 1500mm on both directions with 'L' profile/wall angle of 25x25x0.4mm thick coil in coated steel complete all as per manufacturer's specification and as directed. Rate shall include making suitable provision for providing openings for light fixtures, AC diffusers, cutouts, etc. and cost of all materials, labourers, wastage, scaffolding, tools and plants, work at all levels and heights, all complete.	Sqm	1,350.00			
4		FLOORING (For damage due to re-work of FPS)					
		VITRIFIED FLOOR TILES					
		Providing and laying with premium quality homogeneous Vitrified floor tiles of approved colour and size, thickness as per manufacturer specification set in CM 1:4, 20 mm thick to matching shade as per manufacturers specification and as directed by Engineer-in-charge. Rate shall include for preparation of base surface, cleaning, acid wash etc. Rate includes removing of old damaged tiles including bed mortar and fixing of new tiles to match the level of adjacent tile.					
a	LMR	Size 600X600mm - All areas	Sqm	198.00			
		TOTAL					

**END OF VOLUME -
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