

UNIVERSITY OF KERALA

ENGINEERING UNIT, KARIAVATTOM

TENDER SCHEDULE FOR THE URGENT WORK OF RELAYING WITH GI SHEET TO THE ROOF AND NEW FALSE CEILING WORK IN THE LIFT SIDE PASSAGE LEADING TO SENATE CHAMBER AND RE PAINTING OF THE ROOF TRUSS WORK AT SH BUILDING AT SH CAMPUS.						
SI No	Qty	Specification	Unit	Rate	Rate in words	Amount
1	115	od133071/2020_2021 Dismantling false ceiling and stacking the material within 50 metres lead of : ceiling materials	m2	15.83	Rs. Fifteen Ps. Eighty three only	1820.45
2	120	od133072/2020_2021 Dismantling roofing sheet stacking the material within 50 metres lead of :	m2	37.76	Rs. Thirty seven Ps. Seventy six only	4531.20
3	325	50.10.1 Steel work in built up G I tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting,fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	kg	138.13	Rs. One hundred and thirty eight Ps. Thirteen only	44892.25
4	120	12.50 Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches duringtransportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	m2	759.17	Rs. Seven hundred and fifty nine Ps. Seventeen only	91100.40
5	33.5	12.51 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15- 18 microns using self drilling/ self tapping screws complete : 12.51.1 Ridges plain (500 - 600mm)	m	497.17	Rs. Four hundred and ninety three Ps. Seventeen only	16655.20

6	117.25	<p>12.45 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 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 :</p> <p>12.45.2 12.5 mm thick tapered edge gypsum fire resistant board conforming to IS: 2095-Part I</p>	m2	1271.78	Rs.One thousand two hundred and seventy one Ps. Seventy eight only	149116.21
7	118.8	<p>13.60 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :</p> <p>13.60.1 Two or more coats on new work</p>	m2	116.48	Rs. One hundred and sixteen Ps. Forty eight only	13837.82
8	180	<p>14.67 Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade</p> <p>14.67.2 Old work (one or more coats applied @ 0.83 ltr/10 sqm).</p>	m2	65.17	Rs. Sixty five Ps. Seventeen only	11730.60
9	30	<p>13.61 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :</p> <p>13.61.1 Two or more coats on new work</p>	m2	108.14	Rs. One hundred and eight Ps. Forteen only	3244.20

10	374	13.84 Painting with synthetic enamel paint, having VOC (Volatile Organic Compound) content less than 150 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. 13.84.1 One coat	m2	68.69	Rs. Sixty eight Ps. Sixty nine only	25717.60
TOTAL						362646

PAC :- Rs.3,62,646 /- (Rupees Three lakhs sixty two thousand six hundred and forty six only)

I/We have undertake to execute the work at

- a).....% below estimate rate. b) At estimate rate
c).....% above estimate rate.

CONTRACTOR

sd/-
UNIVERSITY ENGINEER