

Partition work at terrace floor (3rd floor) at College of Engineering, Aranmula

TENDER SCHEDULE

Sl.No.	Quantity	Description	Unit	Rate	Amount
1	1710 kg	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete (SH: 10.1)	kg	Rs.74.40 (Rs.Seventy four and paise forty)	1,27,224
2	150 m2	Providing and fixing factory made ISI marked steel galazed windows, ventilatorswith beading and all members using F4B for outer frame,joints mitred and flash butt welded and slash bars tonned and riveted, including providing and fixing of hinges,pivots, fixing 12mm square rod for guard bars, including priming coat of approved steel primer, but excluding the cost of other fittings etc, complete -as per the direction of Engineer-in-charge	m2	Rs.1478.40 (Rs.One thousand four hundred and seventy eight and paise forty)	2,21,760
3	150 m2	Providing and fixing steel shutters of doors, windows with frames using F7D sections/ appropriate Z sectrions and other sections of approved make fixed with rawl plugs and screws or welding with fixing clips or with expansion hold fasteners inlcuding necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. sections shall be smooth, rust free straight and mitred and jointed by proper welding wherever required including cleats angle aluminium snap beeding for glazing/panelling, C.P.Brass/stainless steel screws etc complete as per drawings and directions of Engineer-in-charge (Glazing and panelling shall be paid separately)	m2	Rs.1486.00 (Rs.One thousand four hundred and eighty six only)	2,22,900
4	130 m2	Providing and fixing glazing aluminium/steel doors, windows, ventilator, shutters& partitions etc.with EPDM rubber/neoprene gasket etc complete as per architectural drawings and directions of Engineer-in-charge (Cost of aluminium snap beeding shall be paid in basic item): with float glass panes of 4.0 mm thickness (SH: 211.3.1)	m2	Rs.891.10 (Rs.eight hundred and ninetyone and paise ten)	1,15,843

Contractor:

5	1260m m2	<p>Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, powder 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 25mm wide x 2.6 mm thick with flanges of 27mm and 37mm, at 120 mm centre to centre one flange fixed to the ceiling with dash fastener 12.5mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50mm of required length with nuts and bolts of required size and other end of angle hanger fixed with intermediate G.I.channels 45x15x0.9mm running at the spacing of 1200mm centre to centre, to which the ceiling section 0.5mm thick bottom wedge of 80mm with tapered flange of 26mm each having lips of 10.5mm, at 450mm 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 230mm long G.I. wire at every junction, including fixing perimeter channels 0.5mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to wall/partition with the help of plug at 450mm centre, 25mm long dry wall screws @ 230mm intervals, including fixing of Thermocol slab of 20mm thick to ceiling section and perimeter</p>	m2	684.1	8,61,966
6	860 m2	<p>Providing and fixing partition upto ceiling height consisting of G.I.frame and required board, including providing and fixing of frame work of special section powder pressed/roll form G.I. sheet with zinc coating and providing 66mm overall thickness partition with 8mm thick double skin Calcium Silicate Board made with calcareous and Siliceous materials reinforced with cellulose fiber manufactured with compressive strength 225 kg/sq.cm, Bending strength 100kg/sq.cm (Based on SH:9.105.3)</p>	m2	<p>Rs.1571.35 (Rs.One thousand five hundred and seventy one and paise thirty five)</p>	13,51,361

Contractor:

7	25 m3	Providing and laying in position cement concrete of specified grade excluding the cot of centering and shuttering - for slope correction of floor slab CC 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size)	m3	Rs.6,493.40 (Rs. Six thousand four hundred and ninety three and paise forty)	1,62,335
8	1380 m2	Providing and laying Ceramic glazed floor tiles of size 300 x 300mm (thickness to be specified by the manufacturer), of 1st quality confirming to IS :15622, of approved make, in colours such as White,Ivory,Grey,Fume Red Brown,laid on 20mm thick cement mortar 1:4 (1 cement:4 coarse sand),including pointing the joints with white cement and matching pigment ,etc complete (SH:11.37)	m2	Rs.890.75 (Rs. Eight hundred and ninety and paise seventyfive)	12,29,235
9	150 m2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work (SH: 13.61.1)	m2	Rs.74.05 (Rs. Seventy four and paise five)	11,108
10	60 m	Providing and fixing factory made door frame (single rebate) made out of single piece extruded solid PVC foam profile with homogenous fine cellular structure having smooth outer integral skin having 62 mm width & 32 mm thickness, frame will be mitred & Jointed with self driven self tapping screws of size 38 mm x 4 mm & PVC solvent cement , including fixing the frame to wall with suitable dia & length anchor fastener as per manufacturer's specification and direction of Engineer-in-charge (SH: 9.123)	m	Rs.429.70 (Rs. Four hundred and twenty nine and paise seventy)	25,782

Contractor:

11	30 m2	Providing and fixing factory made 30 mm thick door shutter made of solid PVC foam profile. The styles & rails shall be of size 75 mm x 30 mm having wall thickness 5 mm. The styles, top & bottom rails shall have one side wall thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power. The styles and rails shall be reinforced with M.S. tubes of size 33 mm x 17 mm x 1mm, painted with primer, all four corners of reinforcement to be welded or sealed. Solid PVC extruded bidding (push fit type) will be set inside the styles and the rails with a cavity, to receive single piece extruded 5 mm PVC sheet as panel. The styles and rails will be mitred cut and joint with the help of PVC solvent cement & self driven self tapping screws. Single piece extruded solid PVC lock rail of size 100mm x 30 mm with wall thickness 5 mm & 15 mm integrally extruded in the middle of the lock rail & fixed with styles with the help of PVC solvent cement & self driven self tapping screws of size 100 mm x 8 mm complete as per manufacturer's specifications and direction of Engineer-in-charge. (SH:9.124)	m2	Rs.2,691.40 (Rs. Two thousand six hundred and ninety one and paise forty)	80,742
12	1720 m2	Finishing walls with Acrylic Smooth exterior paint of required shade: New work (two or more coat applied @ 1.67ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20kg/10sqm) (SH: 13.46.1)	m2	Rs.86.10 (Rs. Eighty six and paise ten)	1,48,092
Estimate P.A.C					45,58,348

(Rs. Forty five lakh fifty eight thousand three hundred and forty eight only)

Contractor: