

**Name of work :-Design, fabrication, assembling and fixing of powder coated Aluminium partitions in Annex building ( First floor ) at IIT Tirupati Temporary Campus.**

Tender Document

It. No	Qty	Description of Work	Rate	Unit	Amount	Amount in words
1		Providing, fabricated, assembling and fixing in position anodized aluminium partitions using sections in combination of plain, single grove and double grove as per requirements for the frames of overall size 101.6 mm x 44.45mm, 3.18 thick having section weight, plain sections 2.40 kg/m single grove section 2.541 kg/m and double grove section 2.683 kg/m and bottom 77.66mm x 27.6mm x 1.70mm thick section weight 0.483kg/m, bottom portions provided with 12mm, thick pre-laminated sheet both side of approved colour lamination exterior grade aluminium sections of matt finish or glossy finish using section, spacing of vertical member shall not exceed 0.6m c to c sections are cut to the required lengths, joints and corners grinded subdividing frames tanned and riveted to the frames, the assembled frame should be stiffened with the corner angles stripped and fixed with screws, rawl plugs and teak wood gutties to R.C.C columns or masonry on sides, R.C.C lintels or beams at top and floor at bottom, including cutting chiselling and making good with cement mortar to match the surface, providing and fixing bottom panel filled with the materials to the a height of 0.9m from floor level and 5mm thick plain glass for middle portion viz., 0.9m to 2.13m and top panel with lower sections, the glass and panels fitted with glazing clips of 19mm x 17.3mm.With thickness of 0.9mm, weight 0.124kg/m aluminium sections pre-treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non- adherence of mortars of any other sticky materials, vertical members embedded in the flooring by making suitable size holes and fixing with cement mortar, with necessary opening for fixing of doors of standard size (excluding cost of door opening).All the frame should be thoroughly cleaned free from rust, scale or dirt including cost of materials, fixtures, labour and HOM of machinery complete as per specifications.				
(i)	183	Using Aluminium section powder coated to a minimum 60 -70 microns with exterior durable pure polyester grade powder of approved quality		Sqm		
<b>Sub Total Rs</b>						
Taxes if any						
<b>Total Rs</b>						

**Signature of Contractor with Seal**