

## Corrigendum – 4 dated 08/10/2018

Tender Ref No: IIT/OTG/CoE AMT/2018/AGP dated  
20/09/2018

### *For supply and fabrication of Aluminium-Glass Partition*

*The detailed technical specification mentioned in the tender has been replaced by the table given below*

#### DETAILED TECHNICAL SPECIFICATIONS

Scope of the work	Approximate area (in sq. ft.)
<b>A. Toughened Glass partitioning</b>	
<ul style="list-style-type: none"><li>Supply and fixing of branded 10 mm toughened plain glass with all sides polish grinding with necessary fittings as per IS standards for side-wall partitioning</li></ul>	~ 1940
<b>B. Toughened Glass door</b>	
<ul style="list-style-type: none"><li>Supply and fixing of branded 12 mm toughened glass door; and fixing with handle, biometric lock, high quality door closure, and other necessary fittings as per IS standards. Biometric locks will be provided by the institute, however will be fixed by the supplier.</li><li>(No of doors: 8)</li></ul>	224
<b>C. Aluminium-glass partitioning</b>	
<ul style="list-style-type: none"><li>Profiles of required section made of aluminium alloy extrusion conforming to IS: 732-1983 and IS: 1285-1975; Anodized (with required film thickness and brown colour) matt finished conforming to IS: 1868-1983 for fabrication, formed of basic sections of any ISI embossed/certified make and brand as per the direction of engineer-in-charge. In 10-12 microns thickness anodizing film.</li><li>Supply, fabrication, assembling, and fixing of 2.5 inch x 1.5 inch aluminum structural bar with power coating (brown colour) of 1.5 mm thickness for partitioning.</li><li>Plain glass of good make of 5.5 mm thick</li><li>The aluminum bar must be ISO certified.</li></ul>	~ 2160
<b>D. Aluminium-glass door</b>	
<ul style="list-style-type: none"><li>Partly glazed partly panelled or fully glazed single leaf aluminium sliding door, fabrication including cutting to proper shape and size, drilling and aligning, fitted with in built locking arrangement, flush bolt, glazing clips and all the necessary fittings, fixtures, adhesives and joineries, cutting glass of approved make to requisite shape and size fitting with dry set neoprene or EPDM gasketing (of approved make and brand), specification and direction of engineer in charge.</li><li>Supply, fabrication, assembly, and fixing of aluminum door (powder coated, brown colour) (sliding type) to the aluminum partition with necessary fittings. The aluminum bar frame will be fixed with 5.5 mm thick transparent glass fixing</li></ul>	392

<p>to taper clip with necessary fittings. The door's top, middle, and bottom section will have 1 mm thick aluminum of 4.5 inch x 1.5 inch.</p> <ul style="list-style-type: none"> <li>• The size of each door will be 7 ft. x 4 ft.</li> <li>• These doors will have biometric locks, handle, and high quality door-closure. The locks will be provided by the institute; however, the supplier will have to fix them.</li> <li>• No of doors: 14</li> <li>• Iron butt hingers of approved quality fitted and fixed with steel screws, with ISI mark. 100 mm x 50 mm x 1.25 mm.</li> <li>• With 12.5 mm dia acrylic handle for aluminium door as per approved make and brand. Brown colour.</li> <li>• Anodized aluminium barrel/tower/socket-bolt (full covered of approved manufactured from extruded section conforming to IS: 204/74 fitted and fixed with cadmium plated screws. 150mm long x 10mm dia bolt.</li> <li>• Aluminium casted body hydraulic door closer as per ISI.</li> <li>• Anodized aluminium Aldrop/Sliding boots of approved quality manufactured from extruded section conforming to IS specification (IS: 204/66) fitted and fixed complete. 250 mm long x 16 mm dia bolt.</li> </ul>	
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**E. False ceiling**

<ul style="list-style-type: none"> <li>• Supply, assembly, and fixing of false ceiling with gypsum board of size 2 ft. x 2 ft by using galvanized iron (GI) channel with necessary fittings.</li> <li>• Providing and fixing tiled false ceiling of specified materials of size 595x595mm 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 24x38mm made of 0.30mm thick (minimum) sheet, spaced at 1200mm centre to centre and cross "T" of size 24x25mm made of 0.30mm thick (minimum) sheet, 1200mm long spaced between main "T" at 600mm centre to centre to form a grid of 1200x600mm and secondary cross "T" of length 600mm and size 24x25mm made of 0.30mm thick (minimum) sheet to be interlocked at middle of the 1200x600mm panel to form grids of 6+00x600mm and wall angle of size 24x24x0.3mm 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 25x 1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm length dash fasteners, 4 mm GI adjustable rods with galvanized butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm centre to centre along main T, bottom exposed width of 24 mm of all T-section shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by the Engineer in charge.</li> <li>• GI. metal ceiling lay perforated Tegular edge Global white colour tiles of size 595 X 595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100gms/sqm (both side inclusive) and 20 % perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electrostatically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black glass fibre acoustical fleece.</li> </ul>	<p style="text-align: center;">~ 800</p>
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