

BILL OF QUANTITY

Name of Work: Providing of Acoustic door and window in the existing Video conference room and room no 102 at 1st floor of CET in Academic Complex.

Item No.	Description of item	Unit	Quantity	Rate in figure (₹)	Rate in words	Amount (₹)
1	AF-40-55 mm thick WOODEN ACOUSTIC Doors for sound insulation. Providing of 1st class hard wood frame of section 120 mm x 60 mm. shutter: Providing of 50 mm thick smoke check shutter comprising of Calcium silicate board 9 mm and 12 mm thick boards, treated hard wood internal timber frame work of 100 x 30 mm with 30 mm infill of ceramic fibre (density 96 kg/Cum) faced with 2 mm teak veneer and lipped with hardwood beading. Sealant should be used to seal the gap between board and shutter beading properly. All exposed surface to be finished with vernish complete with installation and to the satisfaction of the Engineer in Charge. Door of size 1115 mm x 2095 mm. Fixture to be used: Door Mortise lock- 1 no., Door closer TS 68- 1 no., Hinge Dorma Make- 4 nos. tower bolts- 2 nos. L-drop- 1 no. Door stopper- 1 no.	Each	2.00			
2	Providing and fixing UPVC windows of approved make with fixed and openable & sliding shutters The shutter shall be lockable with key and shall have two '3D' type hinges in addition to the stay being provided at bottom of the windows. All sections of the frame and sash shall be reinforced in accordance with the system supplier's recommendations using galvanized mild steel in a single continuous length. The profile material must be pristine white high impact modified window grade UPVC and must be colorfast and conform to EN 12608:2003 code. The profile shall be a hollow 3-chamber (across depth) profile with a outer wall thickness of 2.4mm only. The outerprofile shall have a front to back depth of 60mm platform. The profile shall be uniform and free from foreign bodies, cracks or marks. The window units shall be designed with all corner joints, transom joints and mullion joints being mitered and fusion welded. All excess material is to be neatly trimmed and neatly feature grooved/raised nib finish at corners, tr commissioning of the building making it air/water tight complete in all respects.s, burrs and the like that may be hazardous to the user. Fenesta or equivalent					

Reinforcement shall be made from mild steel of minimum 1.5 mm thickness as per strength requirement. Reinforcement is to be fixed at a maximum of 100 mm from the ends and then at a maximum of 300 mm centers. All Double glazing is to be packed in accordance with system supplier's recommendations. All beads will be cut at the correct degree recommended by the manufacturer. Glass retention clips must be fitted in accordance with the System supplier's recommendations. The weather seals are to be fitted in continuous lengths and grooves. The joints in the vent weather seal are to be positioned at the bottom and in the outer frames at the top. All work shall be carried out as per drawing & direction of Engineers- in-charge. the rates quoted shall include the cost fixing with fasteners, filling the gaps with silicon sealant of 795 grade, all the above mentioned works, any scaffolding, frame work, civil work required will be provided by civil contractor.& any other items if required for sealing, structural stability & commissioning of the building making it air/water tight complete in all respects.					
Two track two paneled sliding windows with Double Glass Unit consisting of 5 mm thk clear glass of approved make + 10 MM air cavity + 5 mm thk clear glass	Sqm	8.40			
Total Amount ` =					
Rebate if Any =					
Total amount after rebate =					
Rounded off ` =					

(Rupees Only)