Course Title : Measurement and Valuation

Course Code : BST10754

Assignment (Estimating and Measurement)

1. Measure the glass panel door as shown on the attached drawing HC1/DS. The opening adjustment should also be included. Therefore your measurement should be including all trades, like joiner, painter, ironmonger, glazier, concretor, plasterer, etc.

   Make reasonable assumptions as is required.

   (40%)

2. Profits in a project can vary from one to another. Discuss the factors that should be considered when assessing it.

3. Demolition and construction wastes are going to be charged for dumping. Explain the six categories for waste on site and suggest ways of reducing them.

4. Using the previous example given in the tutorial, the bill item is $487.65 for Reinforced concrete (1:2:4) in 225 mm thick suspended slab, per m$^3$. Calculate a pro rata rate of Reinforced concrete (1:2:4) in 150 mm thick suspended slab, per m$^3$.
ELEVATION

SPECIFICATION NOTES

Quantity: 6 Nos.
Location: Bed Room
Door size: 810 x 1975 mm
Structural opening: 900 x 2000 mm
Thickness: 50 th. teak stiles
Glazed panel: 6 th. translucent obscured glass
Ironmongery: 3 pairs of 100 butt hinges (stainless steel)
1 pair of stainless steel door knobs with lock & key
1 cabin door hook with bumper

Door frame: 45 x 100 mm teak frame

Remarks:
(10 mm R.C. wall with 19 mm internal plaster on both sides, emulsion paint finish, teak skirting on both sides.)