

SPECIFICATION FOR CONSTRUCTING RCC STRONG ROOM ("B" CLASS)

The specifications for strong room for branches are detailed hereunder:

I. The specifications for the strong room are as follows:

WALLS : R C C 1:2:4 30 cm (12") thick

FLOOR : R C C 1:2:4 15 cm (6") thick

15 cm (6" thick) heavily reinforced over the existing plain cement concrete flooring for vaults in Ground floors and over existing RCC slabs in vaults in upper floor (the strength of the slab in such case will have to be checked to allow for the additional dead and super imposed load).

CEILING - R C C 1:2:4

30 cm (12" thick). Where it is not feasible to provide a RCC slab as specified, the ceiling may be fortified with MS grills consisting of 20 mm rods spaced 75 mm c/c in angle iron frame work.

Reserve Bank of India has specified ceilings fortification only in cases where it is not feasible to provide RCC slab of specified thickness. If it is not possible to provide the strong room with the ceiling of prescribed thickness of 30 cms (12") or provide fabrication with MS grills, RBI would be prepared to consider relaxation of the existing specification on merits of individual cases, provided the floor space directly above the strong room is also in the possession and occupation of the Bank.

II. THE MINIMUM REINFORCEMENTS AS ADVISED BY RBI ARE GIVEN BELOW:

WALLS:

12 mm dia mild Steel/tor steel @ 6"c/c both ways and on both faces of the wall (a formation of reinforcement matt of about 6"x 6") on either face of the wall to be obtained.

FLOOR : Same as in the case of walls but only on one face.

CEILINGS : Same as in the case of walls.

Further where reinforcement is proposed on two faces of a RCC member, it shall be staggered in such a manner that any view taken at right angles to the matt formation would show reinforcement at every (3") c/c in elevation (in respect of walls) and in plan (in respect of ceiling slab). The above reinforcements are only the minimum and depending on the structural requirements, the structural consultants for the work, should design and detail out actual reinforcements required but these shall not be less than what are specified above.

III. COLUMN SIZES:

Two columns of 10"x10" size with 6 nos of 12 mm dia TOR Steel main rods and 6 mm dia binder rods are to be done only after fixing the door and ascertaining the plumb line.

Signature of the offeror