

Dated: 13 July, 2009

(184)SE(B)Circulars/D-144

CIRCULAR

Subject: - Economy in Building Construction.

Construction of buildings should be ensured for its functional use with simple and economic construction practices. The following guidelines are given to achieve the economy in the constructions of all Government buildings including those constructed for Boards, Corporations and other bodies

1. Selection of site should not be, in the filled up areas, in sloping ground with poor soil bearing capacity. Places close to water pond, pools etc. should be avoided.
2. Land for the proposed building should be checked to ensure that there are no overhead electric lines, underground major pipelines, or sewer lines.
3. Foundation sections should be designed economically with optimum use of soil bearing capacity. The R.C.C. frame should be conceived in such a manner that foundation section could be fully used.
4. Plinth height of building shall be fixed in such a manner that it should be functional. Unwanted raising of plinth should be avoided.
5. For Flooring in building, locally available materials, like Kota stone, should preferably be used. Expensive materials like marble, granite, wooden flooring, vitrified tiles etc. should be avoided.
6. Windows should preferably be strong for their functional requirements. Steel prefab windows should be used. Aluminum or high cost designer windows should be avoided.
7. Door frames in the building should have minimum wood use. Steel frames and flush doors should be maximally used.
8. Wooden wall paneling should not be used.
9. Interior and exterior fixtures and finish should be simple and durable with a better serviceability. High cost painting should be avoided.
10. False ceiling work should be avoided.
11. Number of electrical points should be kept minimum as per requirement.
12. Precast and costly ornamental electrical poles should not be used for campus lighting. In general, conventional type tubular poles should be used.
13. Any construction in deviation of the above guidelines will be permitted only with the prior approval of the Public Works Department.
14. This bears approval of F. D. vide I.D. No.100903051/PSF dated 9.7.2009

Principal Secretary, P.W.D.

Copy to :-

1. P.S. to Principal Secretary-I/II to Hon'ble C.M.
2. P.S. to Hon'ble Minister, PWD
3. P.S. to Chief Secretary, Rajasthan, Jaipur
4. All Principal Secretaries/Secretaries
5. All Boards/Corporations in Rajasthan.
6. All Chief Engineers, PWD
7. All Additional Chief Engineer, PWD
8. All Supdt. Engineers.

M.D. RSRDC HD.

Jaipur I, II / Ajmer / Bharatpur /  
Bikaner / Jodhpur / Kota / Udaipur  
for Forward to Concern

Principal Secretary, P.W.D.

Fax Sent