

at the lower tendered rates including the provision for contingencies at the rate of 5 per cent of the amount of that abstract estimate, should be prepared and sanctioned by the Executive Engineer even though the amount of such "reduced" estimate may exceed that up to which he is ordinarily empowered to accord sanction. The original estimate should then be cancelled and the reduced estimate substituted for it.

The above orders apply also to portions of a work if carried out in Parts provided that the cost of each such part exceeds Rs. 20,000. They, however will not apply to minor works or repair works.

151. If the construction of a proposed work is likely to affect adversely the interests of any other State, the fact should invariably be brought to notice prominently while submitting the estimate for it.

152. In the case of projects for roads, canals, river embankments and drainage and water-supply works, which are likely to affect railway lines in the vicinity, the Executive Engineer should supply to the railway administration concerned under intimation to the Superintending Engineer, a copy of the plan together with an index plan on a scale of one inch to a mile on which should be shown the size and position of all waterways to be provided and the railway administration should be asked to express its views as regards such waterways. While submitting the projects to higher authorities, copies of the replies from the railway administration should be attached thereto.

153. The Executive Engineers should survey the alternative alignments and sites for roads and bridges and submit the proposals with all their aspects and rough costs to Government, for approval before preparing detailed plans and estimates.

After the alignments is approved, the project should be split up into suitable and convenient sections and plans and estimates prepared accordingly.

(b) Original works :

(i) Civil buildings ||

154. The site of every building should be definitely settled before the detailed designs and estimates are prepared. While selecting the site, detailed instructions given on pages 929 to 932 of the P. W. D. Hand Book Vol. II in this regard shall be followed and the officer shall certify that he has taken into consideration these instructions while finalising his proposal for the site.

155. In all cases local authorities must be consulted as to the suitability of the site. Before undertaking a new project or extension of an existing project within or adjoining a cantonment or in the neighbourhood of a fort or other defence installation, the proposal shall be referred to the local military authorities for their opinion from military point of view. On receipt of their