

## JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST LAND

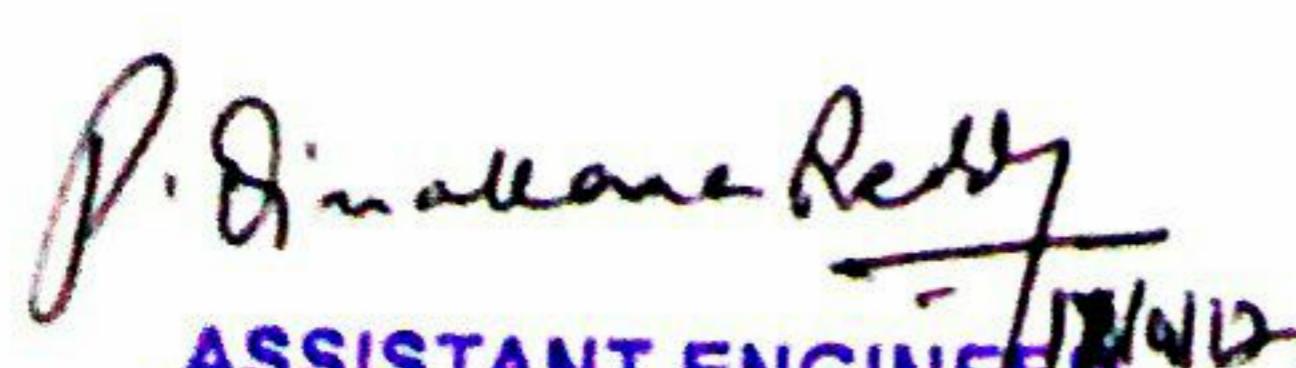
Administrative approval was accorded for Rs.2,189.26 crores by Government of Andhra Pradesh for Phase II works of GNSS vide G.O.Ms.No.185 I&CAD (Maj.Irr.VI)Dept.,dt.15-10-2005. Revised administrative approval was accorded by the Government for Rs.2525.91 crores vide G.o. Ms No.50, Dated:25.03.2008.

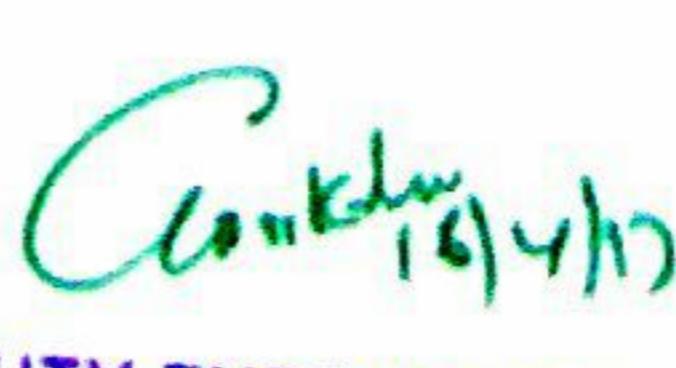
The GNSS Main canal takes off from foreshore of Gandikota Reservoir with starting Bed level of 202.90 m and bed fall of 1 in 9400 and after traversing a length of 334 Km terminates in to Nagari River in Chittoor District with an end bed level of +170.002.m. The canal in its traverse feeds the off line reservoirs and no direct ayacut is proposed under GNSS main canal. Thus the starting and end points of the canal are confined and, any attempt to change the bed fall and contour canal direction will affect the feeding of off line reservoirs and thus contemplated ayacut under them.

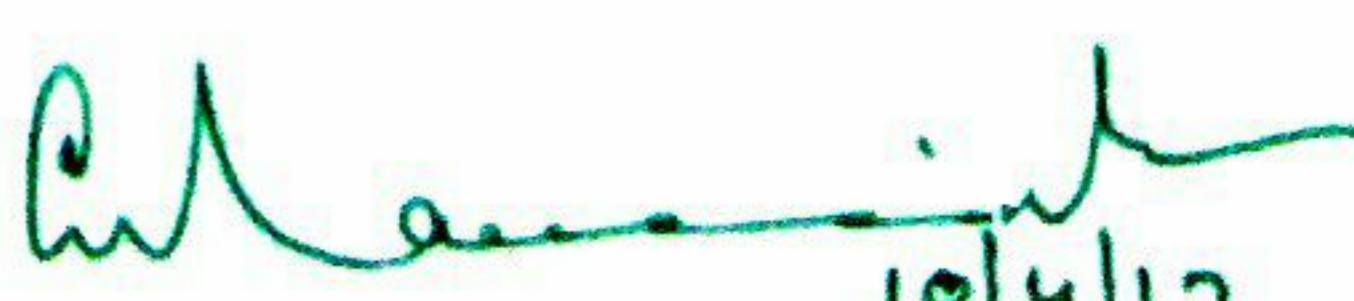
The alignment of Main canal partially extended in Mamandoor and Karakambadi Reserved Forests in Chittoor district. As there is no option to take the alignment of GNSS canal in Non-Forest area, two alternatives have been studied in the Forest area only and economically and technically feasible alternative is approved by the Expert Committee.

The present demand of water has to be met from underground well, rivers, and stream or a lake. But due to the seasonal variations, the rainfall is not up to the marks and there is no perennial river in Chittoor District. Also, Chittoor District is a religious and historical place, therefore lakhs of pilgrims may be visited from the various parts of the country and world and it is an additional burden to the District. After bifurcation of the AP state, many Industries, Universities etc are going to be established in and around Tirupati town. It shows the necessity of other alternate arrangements has to be made for the feature requirements or even for present situations to supply the water to Tirumal and Tirupati town.

Sri Balaji Reservoir is a newly constructed reservoir with capacity 3.00 TMC. 1.00 TMC for drinking water for Tirupati, Tirumala and 2.00 TMC for Irrigation purpose to feed Mallimadugu Reservoir. The Mallimadugu Reservoirs is an existing one with Capacity 0.176 TMC is enhanced its capacity to 2.65 TMC by raising the bund. Thereby increases the ayacut of 51050 Acres in drought prone area of Chittoor District. Sri Balaji Reservoir and Mallimadugu Reservoirs are proposed to serve the needs for both drinking and as well as irrigation purpose. As no other alternative suitable non-forest area is available except the present location in forest area is inevitable for Canals and Reservoirs.

  
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