

### **Justification for location of the project in forest area**

The Govt. of Telangana has taken up prestigious programme namely Mission Kakatiya to restore all the tanks to its original standards and to see the water in Full Tank Level condition to facilitate assured irrigation to the localized ayacut under the tank there by improve the socio economical status of the farmers. Accordingly, the Singabhupalem project is sanctioned under Mission Kakatiya Phase – I and work is in progress. The Singabhupalem project is not filled up upto Full Tank level last few years during heavy floods.

The Govt. of Telangana has sanctioned amount Rs. 926.00 Lakhs for Restoration of Singabhupalem Project. The project work is in progress. The ayacut under this tank is 2250 and irrigation water could not be given up to crop harvesting stage. The main another activity is growing of fish in the tank by the fisheries co-operative society which is also a Government prestigious program. The species of fishes are also not growing up to required weight due to lack of water in the tank during December to March month. Hence, fishermen families are getting lost of their economy.

Thoguvagu is a small scheme with flowing water upto end of January and is having good catchment. There is sufficient yield available in the stream to divert Singabhupalem project for filling in draught spell also. The URR & LRR are not affecting. Hence, there is a need to divert the water by constructing check dam(Water harvesting structure) across Thoguvagu and feeding to Singabhupalem project through feeder channel(Minor Irrigation canal) is essential.

The work "Construction of check dam(Water harvesting structure) across Thoguvagu near Singabhupalam village for feeding to Singabhupalam Project , Sujathanagar (V&M), Bhadradri Kothagudem Dist". All possible alternate locations for construction of check dam(Water harvesting structure) and for excavation of feeder channel(Minor Irrigation canal) have been examined and when it is inevitable and no other alternative location except in the forest land and feeder channel in the Forest Area is essential to supply water to the singabhupalem project to give assured ayacut for 7 villages under the singabhupalem project in the Kothagudem Constituency in Bhadradri

Kothagudem dist. As per the Hydraulic Designs and Topography of the Area the proposed location is very much essential for construction of check dam and excavation of feeder channel and there is no other possible alternative location and alignment.

Cost of the Project: 213.00 Lakhs.

**Break up of forest land required:**

Division	Block Name	Component	Area in Ha.
Kothagudem	Cheemalapadu	Feeder	1.8878
		Checkdam	0.9834
		Total	2.8712

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