Justification Report accompanying the forest proposals of 4.2980 Ha Forest Land required for CONSTRUCTION OF SHANKARAMPET CANAL SYSTEM INCLUDING DISTRIBUTARY NETWORK.

Introduction: The Government has accorded Administrative Approval for the work of Construction of Shankarampet canal system (on Ramayanpet canal) including distributory network for irrigating an ayacut of 19452 Acs. for an amount of Rs. 185.75 crores vide G.O.RT.No.529 (I& CAD Projects-IV) Dept. Dt:03-04-2018.

The work was awarded to M/s KAVERI-GVRIPL (JV) for an amount of Rs 185.75 Crores vide SE/KPCC1/SDPT Agreement No: 10/2018-19 Dated: 10.8.2018 with a tender less of (-2.52% for a contract value of Rs. 154.86 Crores/- with a stipulated time to complete the work in 12 months i.e. by 26-06-2019.

Why Shankarampet Canal:

It is proposed to irrigate 19452 Acs in Siddipet and Medak Districts from river Godavari and supply the same to crop season of about 4 months. Hence a water conveyor system with canals and Distributory system is necessitated so proposed Shankarampet Canal on Ramayanpet Canal to provide irrigation facilities to the drought prone upland areas for entire crop season.

Shankarampet canal provides irrigation facilities to 1046 Acs in Narsingh Mandal, 7549 Acs in Chegunta Mandal, 10857 Acs in Shankarampet Mandal.

All the possibilities to avoid forest land for the project have been explored and it is found that no other alternative suitable non-forest land is technically feasible and viable to that part of the work.

1. *Project Cost Estimate: Rs.185.75 Crores.*
2. *Status of Works:*
   - Earth Work Excavation of Canal is in Progress.
   - Lining works and Construction of Structures are in progress.
   - Land acquisition is in progress.
3. *Environmental & Forest Aspects: Proposal Submitted*

Mapping of the forest areas proposed for diversion:

The ETS & DGPS/ GNSS Survey for the forest areas proposed for diversion has been carried out and the data was submitted to the Forest Department. The same were authenticated by the Forest Department. The extent of the forest area involved is estimated as per the ETS & DGPS/ GNSS Survey data by ascertaining the entry & exit points of alignment with RF, as furnished in the above table.

The alignment of the water conveyor system is marked on the toposheet of 1:50,000 scale. The alignment is also marked in the field with boundary stones. The actual involvement of forest land and its extent is ascertained after joint field inspection with forest authorities.

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