

BRIEF NOTE ON THE PROJECT

Name of the Project:- Chinthalapudi Lift Irrigation Scheme, West Godavari District, Andhra Pradesh.

The Government of Andhra Pradesh vide G.O.M.S.No.207 dated 24-10-2008 has accorded administrative approval to the said scheme and the Chief Engineer, Indira Sagar Project Dowlaiswaram has also accorded the technical sanction to this scheme for an amount of Rs.1701.00 crores.

1. Location of the Project:-

The site of the off take point from where the water of Godavari river is proposed to be drawn is situated at Pattiseema(V) of Polavaram(M) in West Godavari district, Andhra Pradesh on the road connecting Vijjeswaram to Polavaram(at Km 33.500). Kovvuru town is the nearest Railway station on Chennai-Kovvuru railway line at a distance of 30 Kms. Another big Railway station Rajahmundry which is situated on the other side of the river Godavari in East Godavari district.

Global co-ordinates:- a) Longitude =83-40-0 E
b) Latitude = 17-14-30 N

2. Object of the Project:-


This project is proposed to supply water to the upland areas in 15 Mandals of West Godavari and Krishna districts for 2.00 lakh acres, who are presently irrigating their lands from rain fed tanks and locally drilled bore wells. This scheme also provides drinking water to a population of 6.65 lakh people and their cattle living in 160 villages.


3. Scope of the Project:-

This scheme consists of Construction of pump house at Godavari river bank to lift water with a head of 28 mts and runs through lead channel of 12.3 Kms to the sump of second stage (for 56 cumecs discharge) from there water will be lifted with a static head of 80 mts through M.S. Pressure main for 3.5 Kms and drop into the delivery cistern and from there main canal runs for a length of 68 Kms along with necessary Distributory system to Irrigate 2.00 lakh acres of upland area. The Jalleru Reservoir is a balancing reservoir proposed to be formed in between two hills at the right side of the Chintalapudi Main Canal. It is proposed to lift the water of 8.00 TMC to the above reservoir from the main canal during the rainy season for a period of 90 days. For this purpose a third stage pump house is proposed at Km 32.975 of the main canal to lift the required discharge through the pressure main into the reservoir and again the reservoir is connected to the main canal by constructing an OT.

4. Benefit cost Ratio:-

The estimated annual cost of this project is worked out to 9479.28 lakhs as against the net Annual benefit after the construction of this project is 14495.10 lakhs resulting to B.C. Ratio as 1.53:1.


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