

### **Tel Integrated Project**

This Major project is proposed on Tel river, a tributary of river Mahanadi near Karlaparah village of Nabarangpur district of Odisha. the project consists of rockfill dam of length 3810 m and height of 87 m. The annual rain catchment is 1268.5 mm. the water from Tel Dam is carried down by HRT of length about 1.35 km to power house located on the right side of Tel river near village Phatki to generate 18 MW of power. The barrage at Phatki (CA-20 sqkm) of length 79 m and height 5.4 m has been proposed across Phatki Nallah, a tributary of Tel river. The main canal of length 23.4 km will take off from Phatki Barrage and it will cross over the Banjari Nallah through an aqueduct and proposed to irrigate the command area lying between Phatki and Banjari Nallah & right side of Banjari Nallah. The canal will also feed water to the existing Bajari Barrage (CA-230 sqkm) for additional irrigation of 2000 ha and thereafter, remaining water will cross Banjari Nallah through an aqueduct to provide irrigation of 4025 ha, further also envisage irrigating command area of 5878 ha. Thus command area of 9903 ha will be served by Tel Irrigation project apart from generating power of 18 MW capacity. Annually the project shall irrigate 13040 ha area and proposed cost of the project is Rs. 1,749.20 Crore at 2014 Price Level.

Date of circulation of DPR: 03.07.2017

Date of Presentation: 01.11.2017

CCA: 9,903.46 Ha

River/Basin – Tel River/ Mahanadi Basin

Estimated Cost: Rs. 1,749.20 Crore at 2014 Price Level

**Major Issues:** a meeting was convened under the Chairmanship of CE (PAO), CWC on 01.11.2017 vide which it has been observed the following

1. Design organizations of CWC observed that no detailed Survey and Investigation (S&I) work has been carried out by the project authority/consultant WAPCOS for the preparation of DPR of TEL integrated multipurpose project. Govt. of Odisha representatives/consultant told that due to Insurgency/ Naxalite problem, it is very difficult to carry out S&I studies. But, Design organizations of CWC insisted on adequate S&I for proper appraisal of design parameters, since the dam height is 87 m which is quite high.
2. The S&I of the project has not been undertaken and hence the project may be sent back to the Project Authority.

The project was returned to the State Govt of Odisha vide letter no T-28036/1/2019-PA-N DTE dated 03.10.2019 and it was requested that the project proposal may be submitted afresh based on the award of MWDT.

