

Case No. - 5128/2016 Shri Surendra Petalia, Executive Engineer, Pancham Nagar, Project Survey Division, Damoh (M.P.) Prior Environment Clearance for Judi Tank Project in CCA of 8500 ha. at Village-Karri and Dilona, Tehsil-Bijawar & Batiyagarh, Dist-Damoh (M.P.) For- ToR. Case forwarded by SEIAA vide letter no. 680/SEIAA/2016 dtd. 18-04-2016.

Location Details

S.No.	Details	JUDI TANK PROJECT
1	Latitude	24 ⁰ 08' 41" N
2	Longitude	79 ⁰ 15' 36" E
3	State	Madhya Pradesh
4	District	Chhatarpur / Damoh
5	Tehsil & Block	Buxwaha / Batiyagarh
6.	River	Judi, a tributary of Sonar which finally merges into River Ken
7.	Accessibility	At a distance of 65 Km from Damoh, 20 km from Buxwaha, tehsil of Distt Chhatarpur and 30 Km from Batiagarh, Tehsil of Distt Damoh

BRIEF DESCRIPTION OF THE PROJECT

- Judi Tank Project is proposed at Latitude 24⁰ 08' 41"N and Longitude 79⁰ 15' 36"E on River Judi near Khatariya village of Tehsil Buxwaha, District Chhatarpur & its right bank is in Tehsil Batiyagarh District Damoh.
- The Project is envisaged to have a live storage capacity of 28.33 MCM.
- Dead storage of the project is 4.385 MCM
- Total CCA of the Project is 8500 ha, benefitting 31 villages of Damoh District of Batiyagarh Tehsil.

- Total cost of the project is Rs. 298.92 crores.

SITE SELECTION CRITERIA FOR PROJECT AREA

<u>PARTICULARS</u>	<u>REMARKS</u>
<u>Existing infrastructure</u>	<ul style="list-style-type: none"> • <u>Rail Connectively – Damoh (65 Km.)</u> • <u>NH Accessibility – NH- 86 (37 Km.)</u> • <u>DR Accessibility – SH-37 Damoh to Chhatarpur (12 Km.) Near Amodha village</u> • <u>Airport facility – Khajuraho(112 Km.)</u>
<u>Resources Availability</u>	<ul style="list-style-type: none"> • <u>Water– From Judi River</u> • <u>Cement / Steel – Damoh(65 Km.)</u> • <u>Metal – Buxwaha (20 Km.)</u> • <u>Sand - 85 Km from Gulganj</u> • <u>Soil for Earthen Dam – From the Submergence area (2-5 Km)</u> • <u>Human Resource for Construction Work – Locally Available</u>
<u>Environmental consideration (within 10 km radius from _____ proposed project site)</u>	<ul style="list-style-type: none"> • <u>No National Park/Wild Life Sanctuary/Biosphere Reserve.</u> • <u>Total forest affected in the project is 254.20 Ha, out of which 227.70Ha in submergence (171.80Ha in the distt.Chhatarpur & 55.90 Ha in Distt. Damoh) and 26.50Ha affected in canal (Damoh Distt.)</u> • <u>No Eco sensitive zone</u> • <u>No Critically/ severely polluted areas</u> • <u>No Interstate boundary</u>

DETAILS OF SUBMERGENCE AREA

Forest Land	:	227.70 Ha
Private Land	:	157.81 Ha
Government Land	:	130.00 Ha
Total	:	515.51 Ha

LAND UNDER SUBMERGENCE (District wise)

S N	Details of submergence	Chhatarpur	Damoh	Total
1	Private land	157.81	-	157.81
2	Government land	130.00	-	130.00
3	Forest land	171.80	55.90	227.70
	Total	459.61	55.90	515.51

Hydrology (Approved by BODHI)

S.No	Particulars	Value
1.	Catchment area (sq.km)	141.10
2	Intercepted Catchment Area (sq km)	18.29
3	Net Catchment Area (sq km)	122.81
4	Average Annual Rainfall (mm)	1046.64
5	Designed flood (PMF) (Cumecs)	1483
6	Net 75% dependable yield available (MCM)	28.33

The case was presented by the PP for issuing of TOR to carryout EIA studies with site specific details. The committee after deliberations decided that following additional TORs along with standard TOR issued by the MoEF&CC:-

1. Details of area under submergence should be discussed in the EIA along with details of incremental benefits associated with this project.
2. PP should provide preliminary survey report as >50% of the area is forest area. Since project involves forest area, FC clearance should be obtained.
3. Cost benefit analysis including environmental factors should be studied in the EIA.
4. Green belt plan and catchment area treatment plan be provided in the EIA report.
5. Inventory of existing trees and their management should be provided in the EIA report.
6. It was also suggested by the committee that PP should explore the possibility of reducing the submergence of forest area.

The committee also decided to undertake site visit and prescribe additional TOR's if required after site visit.