

# **TERMS OF REFERENCE TO ENGAGE SUPPORT STAFF –ECOLOGIST, SOCIOLOGIST & COMMUNITY ORGANISERS TO SUPPORT IEE AND SOCIAL SAFEGUARD REPORT PREPARATION**

## **1. BACKGROUND**

Department of Water Resources(DoWR) intends to restore by raising or strengthening approx. 39 Saline / River Embankments spread over in 8 Irrigation Divisions(Berhampur, Puri, Nimapara, Khurda, Jagatsinghpur, Mahanadi Sourth, Aul Embankment and Balasore) covering approx. 211.26km length which were damaged during Phailin cyclone.

Department of Water Resources had approached ADB for financial assistance, as part of the funding requirements, DoWR has to prepare IEE / EIA reports before clearing the loan. So to meet the preparatory requirements of ADB for the 39 Saline / River Embankments in shorter period, with an intention to commence civil work during coming construction season it is necessary to complete IEE preparation for first batch (17) of saline / River embankments and subsequently for the balance.

Most of these Saline / River Embankments are either located around Chilka lake or adjacent to river or/ Mangrove areas and fall under Coastal Regulation Zone of Odisha coast. As part of the IEE preparation there is an extensive need for verifying areas for different environmental components like tree cutting, involvement of forest lands, checking habitations of wild life especially Chilika area and collection of baseline information for the proposed saline / river embankments in a shorter period. So to support the Environment Specialist of ISPMC, there is a need for recruiting additional Ecologist (1) and one Field staff for timely completion of activities and two community organisers for Resettlement Specialist for completing the Social Safeguard Document.

The preparation of IEE as per ADB safeguard Policy 2009 also needs information on list of flora and fauna as per International Union for Conservation of Nature (IUCN) classification, as most of these projects have endangered species flora and fauna in these environ, it is essential the data is collected from primary and secondary sources and utilise in report preparation.

So the proposal intends to engage an Ecologist and Sociologist for a period of five months extendable as per project requirements and the section 2 shows the details of the TOR for Ecologist and Sociologist.

## **2.0 TERMS OF REFERENCE**

### **Scope of Work:**

Assist Environmental Specialist in environmental assessment and preparation of environment safeguards documents as needed.

**Person Months:** 06 (six). Initially will be mobilised for 02 (two) months, subsequently may be extended on requirement.

**Position ( 1):** Ecologist (one no.)

**Qualification:** M.Sc in Botany (with knowledge in taxonomy), Preferably PhD in Ecology & Biodiversity.

**Experience:** 3-5 yrs of research / work experience in field of ecology or biodiversity studies

**Detailed Tasks and Expected output:**

The person will assist the environmental specialist ISPMC, in coordination with the team leader and PD, PMU will undertake the following tasks in accordance with the relevant guidelines and policies for environmental assessment in the detailed tasks as below.

- Collect the flora and fauna from the field primary data from the project environs and secondary information from Forest Departments. Chillika Development Authority (CDA), other departments/ Universities and research institutions.
- List categorize the data as per IUCN classification as needed by ADB safeguard requirements in the IEE report preparation
- Base line data Collection from primary sources from the field and secondary data from the different institutions/ departments/ line agencies as needed for the IEE /Rapid EIA from the field i.e project influence area and line department by Paying special attention to environmental issues on terrestrial and aquatic habitat alteration as needed by the project needs
- Help in conducting meaningful consultation with stake holders
- Help in preparation of environmental management plan (EMP)
- Willing to travel extensively and stay in the field as directed by the project needs
- Good knowledge of English and report writing preferred
- Assist the ISPMC Environmental Specialist in completing Environmental Impact Assessment i.e IEE report preparation for proposed saline embankments.

**Scope of Work:**

Carrying out field work and assist Environmental Specialist in environmental assessment and preparation of environment safeguards documents as needed.

**Person Months:** 06 (six). Initially will be mobilised for 02 (two) months, subsequently may be extended on requirement.

**Position (2):** Support Staff (Sociologist) one no.

**Qualification:** B.A Sociology / Social work Preference will be given to Post graduates in Sociology or Social work

**Experience:** 1-2 years of field work experience

**Detailed Tasks and Expected output:**

The persons will conduct field studies and collect data as required by the environmental specialist ISPMC, in coordination with the team leader and PD, PMU will undertake the following tasks in accordance with the relevant guidelines and policies for environmental assessment in the detailed tasks as below.

- Collect the primary and secondary data from the field, maintaining the data base – socio economic, demographic and other field information
- Organising and conducting meaningful consultation / focussed group discussions with stake holders on environmental issues
- Willing to travel extensively and stay in the field as directed by the project needs
- Good knowledge of English and report writing preferred.

**Position (3):** Community Organisers (Two nos.)

**Qualification:** Should be at least a post graduate in social science (Anthropology / Sociology/ Social work). S/he should have minimum 5 years experience in fieldwork. S/he should have participated in at least one Project involving R&R activities, should have participatory knowledge of land measurement, and should be conversant with preparation of land plan schedule. Knowledge of local language is a necessary qualification.

**Scope of Work:**

To assist Resettlement Specialist in preparation of Land Plan Schedule in the selected embankment area proposed under Tranche-II Subprojects.

**Total Person Months:** 6 (initially will be mobilised for 2 months) and subsequently may be extended on requirement.

**Detailed Tasks and Deliverables:**

The person will assist the Resettlement Specialist ISPMC, in coordination with the team leader and PD, PMU will undertake the following tasks in accordance with the State Government prevailing Act:

- Work in close co-ordination with the PD, PMU, RS, ISPMC and concerned EEs;
- Validation of Land Schedule Records
- Circulation of notice in the selected villages
- Meeting with village sarpanch and other opinion leaders for finalisation of date and venue
- Facilitating for organizing Village Meeting on voluntary donation of land
- Undertake regular Public Consultation Meeting in the affected villages.
- Signing & collection of Individual Consent from affected persons on voluntary land donation.
- Documentation and reporting.

**Deliverables:**

The deliverables will include the following:

- Submission of updated village-wise individual consent signing form
- Copy of the Village Meeting Resolution duly signed by village members
- Prepare Fortnightly progress report to be submitted within first week of succeeding week. A plan of work for the next fortnight should be included in the Report.
- Relevant photographs.