

Term of reference for engagement of Environmental Monitoring Specialist in CAD-PIM Directorate

1. Background

Department of Water Resources (DoWR) and Asian Development Bank have initiated the Orissa Integrated Irrigated Agriculture & Water Management Project (QIIAWMP) jointly at an estimated cost of Rs. 1251.20 Crores. The project includes activities such as strengthening of Pani Panchayats & extending necessary support to them, taking up other allied support services such as agriculture, animal husbandry and fisheries etc. in Brahmani-Baitarani-Subernrekha-Burhabalanga river basins as well as a part of Mahanadi Delta Stage-I area.

2. Objective

The project aims at enhancing productivity & sustainability of some of the selected underutilized major, medium, minor and lift irrigation projects with Participatory Irrigation Management (PIM) approach. The project also envisages extensive command area development activities with the active participation of the Pani Panchayats. Such activities will ensure rural economic growth and poverty amelioration in the selected river basins.

Establishing and operationalising Participatory Irrigation Management (PIM) and Institutional Strengthening & Project Management have been considered as the two major components of the project.

Participatory Irrigation Management (PIM)

Participatory Scheme Planning, PP strengthening and empowerment, Irrigation and associated infrastructure, CAD & Conjunctive use, Support for Agriculture & Allied sector and Livelihood enhancement, Sustainable O&M are the steps for establishing and operationalising PIM.

Institutional Strengthening & Project Management

Institutional Strengthening & Project Management will include development of effective programmes and materials for PIM, IWRM, training of staff and stake holders, support for implementing specific

institutional actions, Participatory river basin planning and necessary support to the existing institution of DoWR .

3. **Name of the post** : **Environmental Monitoring Specialist**
4. **Minimum Qualification** : **B.Sc. degree with Diploma in forestry**
5. **Experience & computer skill** : **Minimum 10 years experience in Eco-System Management., MS-Office**
6. **Age limit** : **No age limit but physically fit .**
7. **Remuneration** : **Rs. 25,000/- consolidated per month**
8. **Period of engagement** : **Initially of period of one year and may be extended on the basis of satisfactory performance as per requirement of the project .**
9. **Skills & Attributes** :
 - Good understanding of general issues in Participatory Irrigation Management.
 - Indepth knowledge and experience in latest Environmental policy reforms in relation to irrigation management .
 - Excellent training presentation and capacity building skills related to eco system management.
 - Good knowledge in computer application.
 - Ability to work effectively as a member of multidisciplinary team.
 - Ability to monitor, analyse the environmental issues under irrigated condition .
 - Excellent documentation and writing skill.
 - Willing to conduct extensive tour to remote areas under different irrigation projects .

10. Job Description.

The Environmental Monitoring Specialist will support the activities under taken at PP level with extensive to project sites and prepare required documentation. He should have adequate experience and skill to monitor and the environmental issues specific activities will include.

1. Assist Chief Engineer -cum-Project Director, PMU in establishing environmental management system . at PMU, SIO and Pani Panchayat level with necessary training support.
2. Prepare implement and monitor environmental management plans for the ongoing sub-projects with regular reporting system.
3. Support PMU and SIOs in sufficiently reflecting environmental parameters in planning process.
4. Follow-up regular environmental assessment and review procedure prepared earlier the environmental laws and regulations of state government and ADBs environmental policy conduct environmental impact assessment for the projects under all tranches
5. Assist PMU cell in identifying environmental management and monitoring actions to mitigate negative impacts in irrigated ayacut.
6. Any other responsibility to be assigned form time to time by Director CAD-PIM and Chief Engineer-cum- Project Director, PMU.
