

TERMS OF REFERENCE AND SCOPE OF SERVICES

For hiring of Agricultural Consultant / Agribusiness Expert (individual)

Project ID: P100954

Loan No. : 7897-IN

**India: Water Sector Improvement Project,
Andhra Pradesh state.**

The development objectives of the Water Sector Improvement Project (WSIP) will be (i) to improve irrigation service delivery on a sustainable basis to increase productivity of irrigated agriculture in the Nagarjunasagar Scheme command, and (ii) to strengthen the state's institutional capacity for multi-sectoral planning, development and management of its water resources.

The Water Sector Improvement project would support the following four components.

- (a) **Component A: Improving irrigation service delivery and management in Nagarjuna Sagar Scheme:** This component would support five sub components in Nagarjuna Sagar Scheme which has a command area of about 0.9 million hectares: A1: participatory rehabilitation and modernization of irrigation system, A2: dam safety works, A3: fostering and capacity building of Water Users Organizations, A4: improved water management practices and A5: social and environmental management plan.
- (b) **Component B: Agricultural Component:** This component would support six sub components in the Nagarjuna Sagar Scheme B1: field crops; B2: horticulture crops; B3: livestock production; B4: fish production; B5: adaptive research and B6: market led extension.
- (c) **Component C: Water sector institutional restructuring and capacity building:** This component would support six sub components: C1: establishment, operationalization and fostering of Andhra Pradesh Water Resources Regulatory Commission, C2: restructuring and capacity building of Irrigation and Command Area Development, C3: Strengthening and capacity building of Water and Land Management Training Institute, C4: integrated computerized information system, C5 users centered aquifer level ground water management pilot and C6: conjunctive use of surface and ground water pilots in Nagarjuna Sagar Scheme.
- (d) **Component D: Project management:** This component would support three sub components: D1: project preparation and management unit (PPMU), D2: project monitoring and evaluation, and D3: information, education, and communication program.

2. Objectives of the Consulting Assignment:

The goal of "Irrigated Agriculture Intensification and Diversification (IAID)" component is to increase farm profitability by increasing production and returns on produce of irrigated agriculture, horticulture, animal husbandry, fisheries and other related activities. This would

be achieved by improvement in production technologies, better market linkages, making agricultural extension more demand-driven and better aligned with market opportunities.

The IAID component objectives are derived from the Project Development Objective and aim at increasing productivity of irrigated agriculture in the Nagarjuna Sagar Scheme command. It has the following outcome indicators: a) Increase in net household income of NSS farmers, b) Increase in field and horticultural crop productivity, c) Increase in fish production, d) Increase in milk production

The IAID activities will cover the six areas: 1) Agriculture, 2) Horticulture, 3) Livestock, 4) Fisheries, 5) Adaptive research, and 6) Market-led extension and support to ATMA (Agricultural Technology Management Agency)

To achieve the components' objectives effectively Project Preparation and Management Unit (PPMU) for APWSIP plans to engage a Consultant for coordinating the activities of the above six line departments for overall implementation of the project component.

3. Duration: One year

4. Scope of Services:

The Consultant shall provide technical advice/guidance in close coordination with line departments to the Project Director, PPMU in all aspects of implementation of Irrigated Agriculture Intensification and Diversification component besides monitoring of capacity building activities of the Project.

The Consultant has to assist the Project Director, PPMU by conducting meetings with line departments regarding identification of various works, preparation of estimates, bidding documents and any work as identified by the Project Director, PPMU.

5. Qualification of the Consultant:

Candidate should be a Ph.D./Post graduation in Agriculture/Dairy Science/MBA in Agribusiness management/Agricultural marketing Extension with basic degree in Agriculture or allied sectors having a minimum of 5 years experience in handling the Agriculture related extension projects independently. Preference will be given to the professionals who worked under World Bank/ any international aided projects. The candidate should have managerial & administrative skills coupled with comprehensive field knowledge, documentation and presentation skills.

6. Facilities provided by the Client: Office accommodation to the Consultant will be provided by the Client. He will attend to the office during working days unless he proceeds to field visits. Mobile phone charges will be paid as per rules in vogue.

Sd/- 06.07.2017
Project Director,
PPMU, WSIP-AP.