

ToR for Integrated Water Resource Management Consultant: JJM

A. Background: Rural Drinking Water Supply and Sanitation Department (RDWS&SD) is working towards ensuring sanitation and provide clean drinking water to the rural areas of Karnataka. It administers the Swachh Bharat Mission Gramin (SBMG) Karnataka and Jal Jeevan Mission (JJM), Karnataka.

RDWSD in partnership with UNICEF is implementing a program "Scaling up and sustaining WASH outcomes in Karnataka". Improved policy environment with focus on Community Managed Water Supply Scheme, Capacitating officials and field functionaries on various thematic areas of improved WASH services, support in undertaking projects by WASH coalition along with development of Knowledge Products are the envisaged outputs of the Partnership. The incumbent will have a unique opportunity to work with the Government as well as non-Government institutions to strengthen the skills and get insights in WASH sector.

B. Objective of the assignment: The main objective of the engagement is to provide technical input and policy advice in implementation of JJM project focusing integrated water resource management. The incumbent shall also support in operational planning and stakeholder management along with provision of necessary support in conducting capacity building trainings of officials and key stakeholders.

C. Deliverables :

- Provide policy inputs and develop SOPs as per the requirements of the State.
- Support and facilitate conduction of Policy level Workshops/Trainings.
- Task manage development of Strategy Paper on Climate Resilient Water Supply.
- Develop modules and facilitate trainings for L2 officials, ISA, ISRA & Master Plumbers respectively.
- Develop module & facilitate TOT for conducting trainings to Plumbers across the State along with handout to be distributed among participants.
- Support the department in rolling out district wide cascading trainings in 4 districts along with technical guidance in adopting the CMWS approaches
- Provide handholding support to ten selected GPs for rolling out & implementing CMWS approaches.
- Development of atleast 2 Best Practices on CWMS & IWRM.
- Develop a process document on CMWS for knowledge management.
- Supported in conducting Water Quality Monitoring Trainings

D. Key Tasks

- Identify key areas with gaps and guide state in updating existing policies, development of new policies, guidelines, implementation strategies etc.
- Develop concept note and identify Resource Persons at National Level/State Level for conducting Policy/Issue related Workshop on JJM.
- Develop ToR, identify private agency/subject expert for development of Strategy Paper on Climate Resilient Water Supply System.
- Task Manage the study on Climate Resilient Water Supply System by providing necessary technical inputs, review of inception, draft and final reports etc.
- Develop modules & facilitate conducting online orientation trainings to L2 Officials

- Develop modules & facilitate conducting trainings to ISAs/IRSAs in 4 districts on CMWS Systems.
- Develop Training Modules for conducting skill development trainings to Plumbers across the State.
- Coordinate with Training organizations/individual subject experts and resource persons to implement the Capacity Building plans.
- Facilitate in conducting ToT to Master Trainers and cascading trainings by ZPs/TPs for Plumbers at GP Level.
- Support the department in rolling out district wide cascading trainings in 4 districts on CMWS approaches by ISAs/IRSAs.
- Provide technical guidance for adopting the CMWS approaches in atleast 10 GPs from the 4 trained districts.
- Identify and document atleast one best practices each in implementation of CMWS and IRWM.
- Support Department in development of Strategy for conducting Training to Water Quality Professionals and field functionaries on Water Quality Monitoring.
- Support in preparation of training calender and roll out cascading trainings for Water Quality Monitoring.
- Any other tasks as assigned by the Director, RDWSD.

E. Duty Station :Rural Drinking Water Supply & Sanitation Department, Bengaluru.

F. Reporting Officer :Director, RDWS&SD

G. Duration :from 1st April, 2023 to 31st December, 2024

H. Official travel involved : 8 to 10 days a month

I. Qualifications & Experience:

- The candidate should have postgraduate degree in water resource management/ Environmental engineering/Public Health Engineering or comparable degrees. with at-least 5 years of experience in rural water & sanitation programmes
- He/she should have proven work experience in integrated water resource management, watershed management programmers & Water Audit
- He/she should have at-least for 3yrs in any of GoI's Water programmes
- He/she should have a knowledge on Water Gem&GISsoftwares
- He/she should be fluent in Kannada & English
- He/she should have computer skills-MS Windows, MS Office applications
- Experience in Jal Jeevan Mission will be an added advantage