



IMPACT ASSESSMENT OF DRINKING WATER SECURITY PROJECT IN 40 VILLAGES OF NORTH KARNATAKA

Terms of reference



June, 2025

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About the organisation:

In 2005 CDD, Consortium for Decentralized Wastewater Management System Dissemination Society (CDD India) was formally established as a society. The society consists of 18 member organisations from across India. Beyond the member organisations, CDD actively collaborates with dozens of organisations across domains – including National, State & Local Governments, INGOs, local NGOs, and corporate partners to scale up sustainable water and sanitation solutions.

CDD India aims to accomplish their purpose by developing contextualised, decentralised and resilient nature-based solutions through adoption of systems approach. Nature Based Systems (NBS) are inherently low on life cycle costs, carbon footprint and circular in character. Thus, NBS are sustainable over the long term. They are committed to unlocking the potential of Decentralisation which tries to tackle the issue of water pollution as close to the source as possible. Decentralisation and NBS are hence critical in transforming our fragile Urban Environments that are facing an unprecedented onslaught of water and sanitation challenges.

What it does

CDD India delivers ecologically sustainable, easy-to-manage, affordable solutions to treat wastewater and rejuvenate water bodies in these rural, isolated, and previously neglected parts of India.

CDD India's primary beneficiaries are inhabitants of India's smaller towns and edges of its larger cities as well as the rural areas. The organization uses nature-based decentralized water, sanitation, and hygiene solutions (WASH) that are low-cost and simple to maintain, combatting malnutrition, child mortality, and environmental pollution for the affected populations.

CDD's interventions and work has following guiding principles:

- Building resilience and adaptive capacity, especially in the context of climate change
- Promoting inclusiveness and gender equality
- Embracing environmental sustainability and circular economy
- Fostering innovation and technological advancement

Following these principles, CDD's range of policy, governance, infrastructure, and capacity development interventions are integrated across four focal areas to deliver successful and sustainable outcomes in the domain of sustainable WASH:

- Water as a sustainable resource
- Universal water and sanitation services
- Productive use of water in agriculture and the economy
- Reduced water-related risks

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Context of the proposed assignment:

Background

North Karnataka is one of the most water-stressed regions of the country after Rajasthan, wherein many villages face problems in ensuring drinking water security for its population. Jal Jeevan Mission is a significant step by government which has pronounced focus on ensuring drinking water security. However, source strengthening, and adequate water availability is the need of the hour to ensure success of such schemes on the ground; with the general geoclimatic conditions of the region. In many parts of the state, iron contamination is also a major problem which requires simple and easy to manage treatment solutions which can be operated and maintained by the communities themselves.

CDD India, in partnership with the state and the local governments is implementing a project to ensure source strengthening as a model project to ensure drinking water security in the select villages of North Karnataka. A few community level interventions shall also be taken for community level iron treatment for drinking water.

CDD India through this EOI note, wishes to invite expression-of-interest from /individuals or organizations who are working on Community based projects in water, sanitation and hygiene space to conduct a post-project Impact Assessment Study for the project.

Project Details

Goal:

Water Security and inclusive & sustainable WASH in 50 villages in North Karnataka

Objectives

- Increased access to a more reliable, safe and sustainable drinking water resources at the community level to strengthen the capacities of the populace and to reduce dependency external sources for meeting the drinking water demand.
- Access to water for drinking and sanitation in select Anganwadi centres, schools and other institutions
- Collaborations established with local government and stakeholders to leverage resources and ensure implementation of high-quality project.
- Community mobilization to ensure long term sustainability of the project initiatives

Program Strategies

Capacity Building and Influence

- Engage local population, especially special population groups, sub-groups in all program stages
- Capacity building (modules, trainings etc.): Communities, CBOs, local governance on gender and social inclusion norms for WASH

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Innovations: Processes and Technology

- Implement (innovative) demand-driven, safe, and adequate water systems (household, community, institutions), such as one or more of the following: (i) aquifer management; (ii) surface-based drinking water; (iii) ground water recharge; (iv) drudgery reducing technologies; and (vii) improving WASH in institutions.
- Orientation and trainings, skill-building, and operations and maintenance (O&M) by the local communities for sustainability.

Social Capital

- Implement behaviour change communication (BCC)/ awareness activities targeting barriers and stereotypes; management and use of WASH services; and adoption of key hygiene behaviours.
- Inclusive Village Water Safety and Security Plans (VWSSP).
- Mobilizing local communities to own up the initiatives undertaken in the villages
- Influence through representation/engagement with coalitions, networks, and the local Colleges.

Knowledge Management

- Propose, implement, and document innovative ideas from youth and in-country expertise (to be decided)
- Baseline, and endline evaluations (through micro-assessments), case story documentation, visual documentation
- Learning events.

Scope of Work:

The key activities to be carried out would include

1. Summary description of the project and interventions undertaken based on information provided by CDD and listing of key impact results to be measured including easy and reliable water access and availability over the year, better quality and improved awareness on water conservation and better sanitation practices on the ground.
2. Finalization of necessary questionnaires for carrying out the impact assessment studies in consultation with CDD India team.
3. Coordinate for conducting visits to concerned departments/agencies and project villages for following up on data collection as per guidance of the CDD team.
4. Conducting household level surveys for max 100 households spread across the project villages, as per the guidance of the project-in-charge.
5. Making visits to all listed villages for carrying out the following key activities-
 - Conducting impact assessment surveys through visits to the villages at different data collection points and collecting the relevant data through household surveys, focussed group discussions (FGDs) and key informant interviews (KIIs), using necessary tools and equipments

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- Identification / prediction of Potential Impacts by using appropriate baselines for the following aspects:
 - Drinking Water scenario- sources, available infrastructure and consumption patterns or changes/improvements observed as compared to the start of the project (relevant data shall be provided by CDD India).
 - Observation of changes/improvements in the sanitation systems and practices in the project villages.
 - Behavioural aspects of the villagers in terms of the involvement of VWSCs, gram sabha members and communities in planning and managing of water and sanitation infrastructure, roll out of government schemes etc.
 - Details of capacity building trainings and awareness programmes conducted in the village and details of stakeholders covered and feedback from the key stakeholders on their usefulness or efficacy.
- 6. Compilation of data collected through survey questionnaires into tabular forms and analysis of the same to list out the key benefits and remaining challenges if any on the ground.

Deliverables-

1. Survey questionnaires for conducting village level and household level surveys (exact number of households in each village to be decided in consultation with CDD India team post onboarding).
2. Village information through the filled-up questionnaires and survey forms
3. Report of the impact assessment along with images from the field visits

Timelines-

The above-mentioned activities shall be carried out within a period of 30 days from award of the contract.

Consultancy fees-

The consultant/organization shall make a detailed estimate and quote the consultancy charges including resource fees, logistic costs and the local travel allowances.

The proposal in complete form including the activities to be carried out, timeline for completion and fees for the same along with a profile of the consultant/organization highlighting relevant experience and resources shall be sent to- Bangalore @cddindia.org

For any additional queries please contact through the above-mentioned email id. Responses and any communication shall be done only through emails.