

W-11042/6/2019-JJM-II
Government of India
Ministry of Jal Shakti
Department of Drinking Water and Sanitation
National Jal Jeevan Mission

4th Floor, Pandit Deendayal Antyodaya Bhavan,
CGO Complex, Lodi Road, New Delhi-110 003
Date: 27th February, 2020

To
Additional Chief Secretary/ Principal Secretary/ Secretary
In-charge of Rural Water Supply & Sanitation
All States/ UTs.

Subject: Technological/ innovative interventions and Research & Development for addressing the challenges faced by the States in Rural Water Supply and Sanitation sectors.

Madam / Sir,

I am directed to inform that the Government of India has launched Jal Jeevan Mission with an objective of providing safe water to every rural household in the country through a Functional Household Tap Connection with a minimum service level of 55 lpcd. The mission also proposes to continuously monitor the delivery of services using automation i.e. using sensors and communication systems. The functionality of FHTCs would be assessed annually for course correction and incentivisation. Management of grey water that emerges from households after the use of supplied water has been integrated with mission for its reuse.

2. While implementing the mission, the States are likely to encounter many challenges like inhospitable terrain, cold/ hot deserts, groundwater sources with *in-situ* geo-genic contaminants, etc,. To address these challenges, it is necessary to identify new cost effective technical solutions/ innovations for adoption. Further, some specific challenges would also require Research & Development for enabling customized solutions.

3. In order to undertake the above activity, the Department of Drinking Water & Sanitation has constituted a Technical Committee under the chairmanship of Principal Scientific Adviser to Government of India. The committee would invite technical solutions/ innovations for drinking water and sanitation sectors; identify and recommend them after rigorous appraisal process to provide solutions to the challenges. A similar exercise would also be undertaken for inviting high end R&D proposals for customized solutions. The State Rural Water Supply & Sanitation Departments are also represented in the Committee.

(P.T.O.)

4. I am directed to request the State Governments to identify the challenges in the rural water supply and sanitation sector requiring interventions as mentioned in the para above and communicate the same by 6th March 2020 so that technical solutions/ innovations/ customized solution through R&D can be identified.

Yours faithfully,



(A. Muralidharan)

Deputy Adviser

e-mail: amdharan@gov.in

Phone: 011-24366015