

**Atal Mission for Rejuvenation and Urban
Transformation (AMRUT), Kerala**

Technical Resource Bank for Sewerage & Septage Projects

REQUEST FOR EXPRESSION OF INTEREST

October 2020

1. Introduction

Atal Mission for Rejuvenation & Urban Transformation (AMRUT) aims at providing basic services to households and build amenities in cities which will improve the quality of life for all, especially the poor and the disadvantaged. The mission period of AMRUT is 2015-2021. There are different projects under 5 sectors, such as Water Supply, Sewerage & Septage Management, Urban Transport, Storm Water Drainage and Parks. The projects under AMRUT mission is being implemented in 9 Mission cities(6 Municipal Corporations and 3 Municipalities such as Alappuzha, Guruvayoor and Palakkad).

1.2 Objectives of the Scheme

- To ensure that every household has access to a tap with assured supply of water and a sewerage connection
- To increase the amenity value of cities by developing greenery and well maintained open spaces
- Reduce pollution by switching to public transport or constructing facilities for non-motorized transport

2. Present Scenario

Septage and Sewerage Management is one of the priority sectors under AMRUT Mission. Presently, there are 22 projects amounting to Rs.407.97Cr in sewerage(14 projects amounting Rs.379.68Cr) and septage (8 projects amounting Rs.28.29Cr) sector which are directly to be executed by Urban Local Bodies on which tendering and awarding are in progress. The Urban Local Body engineering wing require technical support for the on-site implementation of Septage and Sewerage projects which are piloted in their mission cities. Hence it is suggested to appoint a panel of Experts including experts of Environmental, Mechanical and Electrical Engineers to provide technical expertise and assistance to Urban Local Body Engineers.

3. Technical Resource Bank

Applications are invited to form a Technical Resource Bank (TRB) by appointment of panel of experts in AMRUT Mission Kerala for training and assisting Urban Local Body Engineers in the supervision and execution of Sewerage & Septage Projects as well as in scrutiny & certification of Detailed Project Report(DPR), machinery to be supplied, measurement of bills of work executed etc. The selection will be initially for a period of one year and extended on mutual consent. The Experts in the TRB has to provide technical assistance and handholding support to ULB Engineers.

The services of TRB experts may also be utilized in other Government agencies such as KIIFBI, Impact Kerala and Suchitwa Mission, as well as projects funded by Municipalities.

4. Scope of work

- The selected panel of experts has to deliver handholding support to ULB Engineers for the effective implementation of Septage and Sewerage Projects right from start upto completion and operation of all projects under the sector.
- The experts have to deliver services for /to
 - develop roadmap for implementation,
 - scrutiny of DPR,
 - assisting the technical committee in issue of Technical Sanction,
 - revision of proposals/technology,
 - technical support for tendering works,
 - scrutiny of bids,
 - supervision for Septage/Sewerage treatment plants.
 - ensure achieving high quality in construction works to be executed under the mission.
 - preparation of Concept Document, Design Document, Process flow document, implementation frame work, guidelines, protocol and user manual based on requirements.
 - periodic site visits to review the quality and identify challenges to tackle the hurdles.
 - scrutiny & approval of as built drawings.

- The visits are to be scheduled based on the need of the Mission/Urban Local Body in various stages of execution.
- Regional wise panel of experts (south, central & north) will be selected to deliver services .

5. AMRUT Projects Envisaged

Septage Treatment Plants-

- 9 plants are being implemented in AMRUT cities.
- Generally of 100 KLD capacity with Electro Coagulation technology.

Sewage Treatment Plants-

- 18 Plants are being implemented in AMRUT cities of various capacities ranging from 15 KLD to 12 MLD.
- 13 plants with Biological treatment and remaining 5 with Electro Coagulation technology.

6. Skills and Expertise required.

- Graduates/Post Graduates in Environmental Engineering, Mechanical Engineering and Electrical engineering or any other acceptable equivalent qualification.
- The Expert shall have minimum 10 years of relevant experience in the Sewerage/Septage sector.
- Thorough knowledge and experience in planning and executing sewerage & septage projects, and knowledge on Government policies and guidelines.
- The number of days of engagement as consultant shall be based on the requirement of the Urban Local Bodies. ULBs will submit their requirements to State Mission Management Unit(SMMU) and SMMU will be allotting the consultants as per the need.

8. Remuneration

| Sl.No | Years of Experience | Remuneration/day |
|-------|--|---|
| 1 | 10 years experience/Rank of Assistant Executive Engineer or above with 10 years of experience. | Rs.4000/day- subject to a maximum of Rs.40000/month |
| 2 | 15 years experience/Rank of Executive Engineer or above with 15 years of experience. | Rs.6000/day- subject to a maximum of Rs.60000/month |
| 3 | 20 years experience/Rank of Supt. Engineer or above with 20 years of experience. | Rs.8000/day- subject to a maximum of Rs.80000/month |

Actual expenses incurred for transport, boarding & lodging shall be payable extra as per the existing rules of Government for Class I/Class II officers. All the expenses shall be met from AMRUT reform incentives as part of Capacity Building.

Interested candidates may submit their application through EMAIL in MS-Word format, by filling the application format given in State Mission Management Unit website (www.amrutkerala.org) with covering letter addressed to The Mission Director, AMRUT and detailed Curriculum Vitae explaining all your credentials to smmu.amruth@gmail.com.

Candidates are also requested to post the hard copies of the application along with a detailed resume to The Mission Director, SMMU-AMRUT, T.C 25/801(11), 4 TH Floor, Meenakshy Plaza, Artech Building, Opp. Government Hospital for Women and Children, Thycaud.P.O., Thiruvananthapuram 695014.

16.10.2020



Mission Director

AMRUT

