



GOVERNMENT OF KERALA



**Abstract**

Local Self Government Department- Project "Design & Implementation of Constructed Wetland for Sewage Treatment at debouching point of Municipal Canal with Vada Canal (150 KLD Sewage Treatment Plant in RCC) on an action research mode" as part of Canal Rejuvenation in Alappuzha, through CSIR- National Environmental Engineering Research Institute (NEERI) as an action research project on pilot basis - Administrative Sanction accorded- Orders issued.

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**Local Self Government (DC) Department**

**G.O.(Rt)No.577/2019/LSGD** Dated,Thiruvananthapuram, 08/03/2019

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Read :

- 1 Minutes of the Meeting held on 3.7.18 in the Chamber of Hon'ble Minister for Finance and Coir to review the progress of implementation of Decentralised Liquid Waste Management project as part of Rejuvenation of Canals in Alappuzha
- 2 Letter No 4653/G/2017/SM dt 24.11.18 from Executive Director, Suchitwa Mission

**ORDER**

The Executive Director Suchitwa Mission as per letter read as 2nd paper above has submitted proposal for implementing the project "Design & Implementation of Constructed Wetland for Sewage Treatment at debouching point of Municipal Sub Canal with Vada Canal (150 KLD Sewage Treatment Plant in RCC) on an action research mode" as part of Canal Rejuvenation in Alappuzha, through CSIR National Environmental Engineering Research Institute (NEERI) for a total cost of Rs. 67,55,325/- as detailed below.

- Construction of 150KLD Sewage Treatment Plant at debouching point of Municipal Sub Canal with Vada Canal, Alappuzha - Rs.54,88,371.09/-

- Special type of plants- Rs.1,12,500/-
- Bio-Culture for Treatment- Rs.56250/-
  
- Structural Design - Rs.1,00,000/-
  
- Project management- Rs. 2,74,419/-
  
- GST 12%- Rs.723784.81/-
  
- Total - Rs. 6755325/-

2. The project is proposed to be implemented as an innovative model project as there is no such project which has come up for Decentralized Liquid Waste Management as part of canal rejuvenation. In the pilot project, a stretch of about 375 meters called the Municipal Colony Canal has been chosen for Liquid Waste treatment. The objective of the project is to treat the household waste water along the banks of Municipal Canal in a decentralized manner. The pilot project consists of a Phytorid system at the debouching point of Vada canal and Municipal canal. The Phytorid system further treats the water in the Municipal canal.

3. The proposal was initially vetted by the High Level Technical Advisory Committee constituted by the Executive Director, Suchitwa Mission and further vetted by Technical Committee constituted by Suchitwa Mission for issuing the Technical Sanction for the project. The Technical Committee has issued Technical Sanction to the Project on an experimental basis as a pilot project. Fund for the implementation of the project is proposed to be transferred in instalments as follows.

- 50% after issuing Administrative Sanction from Government.
- 30% after construction of the wetland with all the necessary components.
- 10% after successful trial run & commissioning.
- 10% after six months from the date of commissioning.

4. As per the minutes read as 1<sup>st</sup> paper above it was decided that Suchitwa Mission will be the funding agency for the Phytorid treatment system (150KLD Sewage Treatment Plant). As per the letter read as 2<sup>nd</sup> paper above the Executive Director, Suchitwa Mission has requested to issue sanction for carrying out the project at a total cost of Rs.67,55,325/- through CIR-National Environmental Engineering

Research Institute (NEERI) as an action research project and also for transferring the fund to CSIR-NEERI, Mumbai Zonal Central, Worli, Mumbai in instalments as proposed above.

5. Government have examined the matter in detail and are pleased to accord Administrative Sanction for an amount of **Rs.67,55,325/-** for the implementation project "Design & Implementation of Constructed Wetland for Sewage Treatment at debouching point of Municipal Canal with Vada Canal (150 KLD Sewage Treatment Plant in RCC) on an action research mode" as part of Canal Rejuvenation in Alappuzha, through CSIR-National Environmental Engineering Research Institute (NEERI) as an action research project on pilot basis

(By order of the Governor)  
**SINDHU. L.**  
**SPECIAL SECRETARY**

The Executive Director, Suchitwa Mission

The Director of Urban Affairs

The Secretary, Alappuzha Municipality

The Principal Accountant General (A&E/ G&SSA) Kerala, Thiruvananthapuram

The Accountant General ( E& RSA), Kerala, Thiruvananthapuram

The Information Officer, I&PRD (Web & New Media)

The Executive Director, Information Kerala Mission.

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Forwarded /By order

*(Signature)*  
Section Officer

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