



**GOVERNMENT OF KERALA**

**Abstract**

Local Self Government Department – Annual Plan Schemes of Suchitwa Mission for the year 2020-2021-Suchitwa Keralam (Rural) and suchitwa Keralam (Urban)- Administrative Sanction accorded - Orders issued.

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**LOCAL SELF GOVERNMENT(DC) DEPARTMENT**

**G.O.(Rt)No.1640/2020/LSGD Dated, Thiruvananthapuram, 14/09/2020**

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Read 1 Letter No. 2650/B1/2019/SM dated 02.05.2020 from Executive Director, Suchitwa Mission.

2 G.O.(Rt)No.911/2020/LSGD dated 18.05.2020

3 Minutes of Special Working Group ( SWG) for plan schemes held on 01.07.2020

**ORDER**

Suchitwa Keralam (Urban) and Suchitwa Keralam (Rural) are the plan schemes of Suchitwa Mission. An amount of **Rs 2233 lakh** has been earmarked for **Suchitwa Keralam (Urban)** under the **H/A – 2217-80-800-71** and an amount of **Rs 3500 lakh** has been earmarked for **Suchitwa Keralam (Rural)** under the **H/A–2515-00-101-68**, for the implementation of plan schemes of Suchitwa Misison for the yaear **2020-2021**.

2. As per the letter read as **1<sup>st</sup>** paper above, Executive Director, Suchitwa Mission has requested to accord Administrative Sanction for an amount of **Rs 2233 lakh** for Suchitwa Keralam (Urban) under the **H/A – 2217-80-800-71** and an amount of **Rs 3500 lakh** for Suchitwa Keralam (Rural) under the **H/A – 2515-00-101-68**.

3. Pre monsoon Cleaning Campaign is one of the components of the Plan Schemes of Suchitwa Mission for the year 2020-2021 i.e. Suchitwa Keralam (Rural) and Suchitwa Keralam (Urban), with financial outlay of **Rs.1597 lakh and Rs.395 lakh** respectively. Considering the outbreak of COVID-19 and the onset of Monsoon, Administrative Sanction has been accorded to the Pre-monsoon Cleaning Campaign Component of Plan Schemes of Suchitwa Mission for the year 2020-2021, i.e. Suchitwa Keralam (Rural) and Suchitwa Keralam (Urban), for an amount of **Rs.1321 lakh and Rs.363 lakh** respectively, as per G.O read as **2<sup>nd</sup>** paper above.

4. As per the minutes read as **3<sup>rd</sup>** paper above, Special Working Group (SWG) for plan schemes held on 01.07.2020 has approved the plan scheme of Suchitwa Mission for the year **2020-2021**, subject to the condition that expenditure under Suchitwa Keralam Waste Management Scheme (Rural & Urban) should be limited to available budget provision of **Rs. 18.79 Cr and 16.70 Cr** respectively.

5. Government have examined the matter in detail and are are pleased to accord Administrative Sanction for the implementation of **Annual Plan Schemes of Suchitwa Mission for the year 2020-2021-** Suchitwa Keralam (Rural) and Suchitwa Keralam (Urban), for an amount of **Rs. 1879 lakh and 1670 lakh** respectively as detailed below:

**Suchitwa Keralam (Rural)-H/A – 2515-00-101-68**

SI No.	Components	Financial target (in lakh)
1	<p>Solid Waste Processing Plant and its modification, Material Collection Facilities (MCF), Resource Recovery Facility (RRF) Equipments for waste handling, Plastic Shredding Units etc Removal of Legacy waste, Sanitary napkin destroyer in higher secondary schools Tentative Financial Target – Rs.300 lakh State Share- As per prevailing G.Os &amp; subsidy guidelines List of equipments&amp; components: @ Plant modifications based on actual estimate @ Plastic shredding machine @ Bailing machine @ De-duster machine @ Conveyors and waste handling equipments etc @ Legacy waste disposal based on actual estimates @ Sanitary Napkin Destroyers Total Cost of machinery (approx) Rs.15lakh /RRF</p>	<b>1879.00</b>
2	<p>Source Level Treatment of solid waste Tentative Financial Target – Rs.150 lakh State Share – As per prevailing G.Os &amp; subsidy guidelines List of equipments&amp; components : @ Composting and biomethanation plants &amp; devices @ Specifications and Unit Cost of each household device as per orders issued by Suchitwa Mission and Government from time to time. @ Specifications of Institutional and Community level plants and devices as per orders issued by Suchitwa Mission and Government from time to time and cost based on actual estimates</p>	
3	<p>Liquid Waste Management including Septage treatment plants, Mechanisation of Septage management , Liquid Waste treatment projects for Rejuvenation of canals and rivers Tentative Financial Target – Rs.200 lakh State Share – As per prevailing G.Os &amp; subsidy guidelines List of equipments &amp; components : @ Waste water and Septage Treatment plants with technologies based on site specific conditions @ Honey suckers as part of Septage Treatment Plants @ Total cost based on DPR &amp; actual estimates. (Approximate cost Rs.140 lakh /plant)</p>	
4	<p>Intensive IEC activities including workshop R &amp; D and capacity building Tentative Financial Target – Rs.100 lakh State Share - 100%</p>	
5	<p>Administrative Cost Tentative Financial Target – Rs.300 lakh State Share - 100%</p>	

6	Initial handholding support for SHGs/Start Ups involved in waste management study, R&D on material use and waste, policy, standards and guidelines for SLWM and other innovations in sanitation. Tentative Financial Target – Rs.30 lakh State Share - 100%
7	Technical advice for rural civic amenities Tentative Financial Target – Rs.10 lakh State Share - 100%
8	Construction of Sanitary Complexes in Public Places Public offices (including educational institutions) and major tourist spots located in Grama Panchayat area. Tentative Financial Target – Rs.50 lakh State Share - 100% List of equipments & components : @ High pressure water washer, Approved Sanitary Napkin Vending and Destroyer equipment as part of estimate @ Total cost based on actual estimate
9	Premonsoon cleaning activity (Arogya Jagratha Campaign) Financial Target Rs 276 Lakh Grama Panchayat per ward Rs 10000/-
10	Reconstruction of Toilets and onsite treatment systems damaged due to floods in schools/ other water logged/coastal areas in rural areas Tentative Financial Target – Rs.50 lakh State Share - 100 % List of equipment & Components: Cost based on actual estimates
11	Modern Waste to Energy bio gas plants in rural markets / common waste management yards as part of Solid Waste Management Tentative Financial Target – Rs.50 lakh State Share - 100% List of equipments & Components @BiogasPlant @Pulveriser @Heating system @ Gas scrubbers @ Generator @ Lighting system @ Remote monitoring systems etc @ Approximate :Total Cost :Rs.60 lakh /unit
<b>New Components</b>	
12	Disaster related sanitation and waste management Tentative Financial Target- Rs 50 Lakh
13	project for 500 GPs to be made waste free Tentative Financial Target- Rs100 Lakh
14	Conversion of leach pit to septic tank/ Bio digester for IHHL Tentative Financial Target -Rs 70 Lakh
15	Revolving fund to Clean Kerala Company Ltd Tentative Financial Target- Rs 143 Lakh
<b>Total</b>	
<b>1879.00</b>	

Suchitwa Keralam (Urban) H/A – 2217-80-800-71

Sl No.	Components	Financial target ( in lakh)
1	Mechanized Sweeping of Roads and Public Places in ULBs Tentative Financial Target – Rs.40 lakh State Share - 100% List of equipments & Components @ Vehicle mounted mechanical sweeper @ Approximate :Total cost: Rs40 Lakh/Unit	1670.00
2	Setting up of Animal Crematorium at selected ULBs Tentative Financial Target – Rs.25 lakh State Share - 50% List of equipment & Components @ Crematorium Building @ LPG Cremator @ Fork lift @ Scrubber @ Chimney etc: @ Cost based on actual estimate @ Approximate : Total Cost Rs100 Lakh/unit	
3	Setting up of Construction and Demolition (C&D) waste treatment plants Tentative Financial Target – Rs.50 lakh State Share - 25 % List of equipment @ Impact crusher @ Belt conveyors @ Weighbridge @ Sieves @ Sprinkler etc. @ Approximate: Total Cost Rs.800 lakh/ unit	
4	Conversion of leach pit to septic tank/Bio digester for individual house hold toilets Tentative Financial Target – Rs.50 lakh State Share - 100 % List of equipments & Components: @ Septic Tank with soak pit -Based on estimate as per site condition ,upto a maximum of 1. Rs. 0.25 lakh/per unit in coastal and high water table areas 2. Rs. 0.20 Lakh/per unit for other areas @ Bio digesters upto a maximum cost Rs 0.50lakh per unit	
5	Reconstruction of Toilets damaged due to flood in Urban areas in schools / other water logged areas in Urban areas. Tentative Financial Target – Rs.80 lakh State Share - 100 % List of equipment& Components: @ Cost based on actual estimates	

6	<p>Construction of Sanitary Complexes in Public Places, Public Offices including educational institutions and major tourist spots located in ULBs and support to Swachh Bharat Mission (U) activities. Tentative Financial Target – Rs.45 lakh State Share - 100 % List of equipments &amp; components :     @ High pressure water washer, Approved Sanitary Napkin Vending and Destroyer equipment as part of estimate     Total cost based on actual estimate</p>
7	<p>Modern Waste to Energy biogas plants in Urban areas as part of solid waste management Tentative Financial Target – Rs.60 lakh State Share - 100 % List of equipments &amp; Components     @ Biogas Plant     @ Pulveriser     @ Heating system     @ Gas scrubbers     @ Generator     @ Lighting system     @ Remote monitoring systems etc     @ Approximate :Total Cost :Rs. 60 lakh /unit</p>
8	<p>Solid Waste Processing Plant and its modification, Material Collection Facilities (MCF), Resource Recovery Facility (RRF) Equipments for waste handling, Plastic Shredding Units etc Removal of Legacy waste and bio mining, Sanitary napkin destroyer in higher secondary schools Tentative Financial Target – Rs.200 lakh State Share- As per prevailing G.Os &amp; subsidy guidelines List of equipments &amp; components :     @ Plant modifications based on actual estimate     @ Plastic shredding machine     @ Bailing machine     @ De-duster machine     @ Conveyors and waste handling equipments etc     @ Legacy waste disposal based on actual estimates     @ Sanitary Napkin Destroyers     @ Total Cost of machinery (approx) Rs.15 lakh /RRF</p>
9	<p>Source Level Treatment of Solid Waste Tentative Financial Target – Rs.180 lakh State Share – As per prevailing G.Os &amp; subsidy guidelines List of equipments &amp; components :     @ Composting and biomethanation plants &amp; devices     @ Specifications and Unit Cost of each household device as per orders issued by Suchitwa Mission and Government from time to time. Specifications of Institutional and Community level plants and devices as per orders issued by Suchitwa Mission and Government from time to time and cost based on actual estimates</p>
10	<p>Intensive IEC activities including workshop R&amp;D and capacity building Tentative Financial Target – Rs.198 lakh State Share - 100 %</p>

11	Liquid Waste Management including septage treatment plant, Mechanisation of Septage management , Liquid Waste treatment projects for Rejuvenation of canals and rivers Tentative Financial Target – Rs.135 lakh State Share – As per prevailing GOs & subsidy guidelines List of equipments & components : @ Waste water and Septage Treatment plants with technologies based on site specific conditions @ Honey suckers as part of Septage Treatment plants @ Total cost based on DPR & actual estimates @ Approximate : Total cost Rs.100 lakh /plant
12	Handholding support for SHGs /Start Ups entrepreneurs involved in waste management supporting services, Incentive for promoting Extended Producer Responsibility and other such programmes, awards and certification system, Promotion of green Protocol activities. Tentative Financial Target – Rs.20 lakh State Share - 100 %
13	Pre Monsoon cleaning Campaign Tentative Financial Target- Rs 32 Lakh State share -100% Municipality -Rs 10000 per ward Corporation Rs 20000 per ward
14	Technical advice for Urban Civic amenities Tentative Financial Target – Rs.5 lakh
<b>New Component</b>	
15	Disaster related sanitation and waste management Tentative Financial Target- Rs 25 Lakh
16	Project for 50 ULBs to be made waste free Tentative Financial Target- Rs10Lakh
17	Revolving fund to Clean Kerala Co Tentative Financial Target- Rs505 Lakh
<b>Total</b>	
<b>1670.00</b>	

6. Both the Plan schemes of Suchitwa Mission, Suchitwa Keralam (Rural ) and Suchitwa Keralam (Urban) will be implemented through **Local Self Government Institutions**. The funds will be released directly to Local Bodies by State Mission through allocation system and monitoring will be done through District Suchitwa Missions. There will be flexibility in Physical Target, as it is based on the demand from local bodies. Period of Implementation of project will be from **April 2020 to March 2021**.

7. With the implementation of the project Source level treatment of waste at households level, institution level and community level will be promoted and sustainable waste management models will be set up in Government Institutions, markets, residential areas etc. A clean environment in Kerala is the expected outcome of the implementation of the project

(By order of the Governor)  
**R S KANNAN**  
**SPECIAL SECRETARY**

To:

The Executive Director, Suchitwa Mission, Thiruvananthapuram.  
The Director of Urban Affairs, Thiruvananthapuram.  
The Director of Panchayats, Thiruvananthapuram.  
The Principal Accountant General (A&E), Kerala, Thiruvananthapuram.  
The Accountant General (G&SSA) &(E&RSA), Kerala, Thiruvananthapuram.  
The Executive Director, Information Kerala Mission  
The Director, I&PRD/Web&New Media

Planning and Economic Affairs Department

Finance(Planning B) Department  
Finance (DEV) Department (DEV-3/61/2020/Fin dated 28.07.2020)  
Stock File/ Office Copy.

Forwarded /By order

Section Officer

Copy to:- PS to Minister (LSGD)  
PA to Principal Secretary (LSGD).  
CA to Special Secretary,LSGD