



**GOVERNMENT OF KERALA**

**Abstract**

Local Self Government Department - Plan Schemes of Suchitwa Mission for the year 2022-2023 - Suchitwa Keralam (Urban) and Suchitwa Keralam (Rural) - Administrative Sanction accorded - orders issued.

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**LOCAL SELF GOVERNMENT (DC) DEPARTMENT**

**G.O.(Rt)No.1201/2022/LSGD Dated,Thiruvananthapuram, 11-05-2022**

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Read Letter No.1574/B1/2021/SM dated 07.04.2022 of the Executive Director, Suchitwa Mission

**ORDER**

An amount of Rs.2100 lakh and Rs.2500 lakh have been earmarked under plan schemes of Suchitwa Mission - Suchitwa Keralam (Urban) and Suchitwa Keralam (Rural) in the State Budget for the year 2022-2023.

2. As there is no variation from the schemes - Suchitwa Keralam (Rural) and Suchitwa Keralam (Urban) - operational during the preceeding year 2021 in terms of components, scope, unit cost etc., the schemes can be considered as continuing schemes and, as per letter read above, the Executive Director, Suchitwa Mission has submitted a proposal for according administrative sanction for an amount of Rs.2500 Lakh under the H/A – 2515-00-101-68 and Rs.2100 Lakh under the H/A – 2217-80-800-71 respectively for Suchitwa Keralam (Rural) and Suchitwa Keralam (Urban) for the year 2022-2023.

3. Government have examined the matter in detail and are pleased to accord administrative sanction for an amount of Rs.2500 Lakh under the H/A – 2515-00-101-68 - Suchitwa Mission-Suchitwa Keralam (Rural) and Rs.2100 Lakh under the H/A – 2217-80-800-71 - Suchitwa Keralam (Urban) for the implementation of plan schemes of Suchitwa Mission for the year 2022-2023 as detailed below:

## **I. Suchitwa Keralam (Rural)**

### (A) Aims and Objectives of the Scheme

- Assist Grama Panchayats or three tier to evolve policies and strategies for the preparation of Detailed Project Reports (DPRs) and programmes for solid and liquid waste management in the State.
- Assist Panchayats by providing technical approvals for their projects envisaged for solid and liquid waste management and providing grants which are allocated by Government from time to time.
- Organise appropriate Information, Education and Communication (IEC) and Capacity Development activities aimed at the attitudinal and behavioral change of people at large and capacity development of all concerned stakeholders.

### (B) Detailed Break up and estimates:

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

SI No.	Component	Financial Targets (Rs. in lakhs)
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,</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.50 lakh.</li> <li>• State Share- As per prevailing G.Os &amp; subsidy guidelines.</li> <li>• List of equipments &amp; components :               <ul style="list-style-type: none"> <li>@ Plant modifications based on actual estimate .</li> <li>@ Plastic shredding machine .</li> <li>@ Bailing machine .</li> <li>@ De-duster machine.</li> <li>@ Conveyors and waste handling equipments etc.</li> <li>@ Legacy waste disposal based on actual estimates.</li> <li>@ Sanitary Napkin Destroyers.</li> <li>@ Waste to energy biogas plants.</li> </ul> </li> <li>• Total Cost of machinery (approx) Rs.15lakh /RRF.</li> </ul>	

2	<p>Source Level Treatment of solid waste</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.50 lakh</li> <li>• State Share – As per prevailing G.Os &amp; subsidy guidelines</li> <li>• List of equipments &amp; components : <ul style="list-style-type: none"> <li>@ Composting and biomethanation plants &amp; devices</li> <li>@ Specifications and Unit Cost of each household device as per orders issued by Suchitwa Mission and Government from time to time.</li> <li>@ 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.</li> </ul> </li> <li>• Support to ODF sustainability.</li> </ul>	
3	<p>Liquid Waste Management including Septage treatment plants, Mechanisation of Septage management, Liquid Waste treatment projects for Rejuvenation of canals and rivers</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.97 lakh.</li> <li>• State Share – As per prevailing G.Os &amp; subsidy guidelines.</li> <li>• List of equipments &amp; components : <ul style="list-style-type: none"> <li>@ Waste water and Septage Treatment plants with technologies based on site specific conditions.</li> <li>@ Honey suckers as part of Septage Treatment Plants</li> </ul> </li> <li>• Total cost based on DPR &amp; actual estimates. (Approximate cost Rs.140 lakh /plant).</li> <li>• Conversion of leach pit to septic tank /bio digester for IHHL.</li> <li>• Thelineerozhukkum Navakeralam, Action plan preparation, work implementation and other works.</li> </ul>	
4	<p>Intensive IEC activities including workshop R &amp; D capacity building and support to set gaps identified in Swachh Survekshan Survey.</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.50 lakh.</li> <li>• State Share - 100%.</li> </ul>	2500.00
5	<p>Administrative Cost</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.525 lakh.</li> <li>• State Share - 100%.</li> </ul>	

6	<p>Initial hand holding support for SHGs/Start Ups Haritha Karma Senas for promoting green initiatives involved in waste management study, R&amp;D on material use and waste, policy, standards and guidelines for SLWM and other innovations in sanitation.</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.2 lakh.</li> <li>• State Share - 100%.</li> </ul>
7	<p>Technical advice for rural civic amenities</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.2 lakh.</li> <li>• Consultation fees .</li> <li>• Project preparation cost of crematorium, slaughter house etc.</li> <li>• State Share - 100%.</li> </ul>
8	<p>Construction of Sanitary Complexes in Public Places, Public offices (including educational institutions). Take a break toilet complexes and major tourist spots located in Grama Panchayat area.</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.75 lakh.</li> <li>• State Share - 100%.</li> <li>• List of equipments &amp; components : <ul style="list-style-type: none"> <li>@ Total cost based on actual estimate.</li> <li>@ High pressure water washer, Approved Sanitary Napkin Vending and Destroyer equipment as part of estimate.</li> </ul> </li> </ul>
9	<p>Premonsoon cleaning activity (Arogya Jagratha Campaign)</p> <ul style="list-style-type: none"> <li>• Financial Target Rs 1597 Lakh.</li> <li>• Grama Panchayat per ward Rs 10000/-.</li> </ul>
10	<p>Reconstruction of Toilets and onsite treatment systems damaged due to floods in schools/ libraries affiliated to State library council, other water logged/coastal areas in rural areas</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.50 lakh.</li> <li>• State Share - 100 %.</li> <li>• List of equipment &amp; Components: <ul style="list-style-type: none"> <li>@Cost based on actual estimates</li> </ul> </li> </ul>
11	<p>Disaster related sanitation and waste management. Tentative Financial Target- Rs 2 Lakh</p>

<b>Total</b>	<b>2500.00</b>
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- (C ) (i) Total project cost –Rs 2500 Lakh  
(ii) Proposed duration of implementation –April to March  
(iii) Year wise phasing

Financial year	1 <sup>st</sup> Quarter	2 <sup>nd</sup> Quarter	3 <sup>rd</sup> Quarter	4 <sup>th</sup> Quarter	Total
2022-23	625	1250	1875	2500	2500

(D)(i) Name of Implementing Agency (IA)–Local Self Government Institution .

(ii) Decision making authority in IA- Secretary of concerned Local Self Government Institution .

(E) Funding pattern – being state scheme 100% state share.

(F) Head of Account – 2515-00-101-68.

(G) Complete list of Equipment – included in detailed break up in (B).

(H) Details of Human Resources to be provided with remuneration

Government Officials – 49 .

Contract Staff -53.

Daily wages -10 .

Total administrative cost required is Rs 525 lakh.

(I) Method of procurement of Goods and Services – by Concerned Local Body, by following the existing rules.

(J) Details of beneficiary selection – Concerned Grama Sabha.

## **II. Suchitwa Keralam (Urban)**

(A) Aims and Objectives of the Scheme Suchitwa Keralam (Urban)

- Assist Urban local Bodies to evolve policies and strategies for the preparation of Detailed Project Reports (DPRs) and programmes for solid and liquid waste management in the State.
- Assist Urban Local Bodies by providing technical approvals for their projects envisaged for solid and liquid waste management and providing grants which are allocated by Government from time to time.
- Organise appropriate Information, Education and Communication (IEC) and Capacity Development activities aimed at the attitudinal and behavioral change of people at large and capacity development of all concerned stakeholders.

(B) Detailed Break up and estimates  
Suchitwa Keralam (Urban)-H/A – 2217-80-800-71

Sl. No	Components	Financial Targets (Rs. in lakhs)
1	<p>Mechanized Sweeping of Roads and Public Places in ULBs</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.40 lakh.</li> <li>• State Share - 100%.</li> <li>• List of equipments &amp; Components.               <ul style="list-style-type: none"> <li>@ Vehicle mounted mechanical sweeper.</li> <li>@ Approximate :Total cost: Rs. 40 Lakh/Unit.</li> </ul> </li> </ul>	2100.00
2	<p>Setting up of Construction and Demolition (C&amp;D) waste treatment plants</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.20 lakh.</li> <li>• State Share - 25 %.</li> <li>• List of equipment.               <ul style="list-style-type: none"> <li>@ Impact crusher.</li> <li>@ Belt conveyors.</li> <li>@ Weighbridge.</li> <li>@ Sieves .</li> <li>@ Sprinkler etc..</li> <li>@ Approximate: Total Cost Rs.800 lakh/ unit.</li> </ul> </li> </ul>	
3	<p>Conversion of leach pit to septic tank/Bio digester for individual house hold toilets</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.50 lakh.</li> <li>• State Share - 100 %.</li> <li>• List of equipments &amp; Components:               <ul style="list-style-type: none"> <li>@ Septic Tank with soak pit -Based on estimate as per site condition ,upto a maximum of                   <ol style="list-style-type: none"> <li>1. <b>Rs. 0.25</b> lakh/per unit in coastal and high water table areas.</li> <li>2. <b>Rs. 0.20</b> Lakh/per unit for other areas.</li> </ol> </li> <li>@ Bio digesters upto a maximum cost Rs 0.50 lakh per unit.</li> </ul> </li> </ul>	
4	<p>Reconstruction of Toilets damaged due to flood in Urban areas in schools /Libraries affiliated to State Library council&amp; other</p>	

	<p>water logged areas in Urban areas.</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.90 lakh.</li> <li>• State Share - 100 %.</li> <li>• List of equipment &amp; Components: @ Cost based on actual estimates.</li> </ul>
5	<p>Construction of Sanitary Complexes in Public Places, Take a break Toilet complexes, Public Offices including educational institutions and major tourist spots located in ULBs and support to Swachh Bharat Mission (U) activities.Upgradation of toilets and other facilities for achieving ODF+,ODF++ activities, including Take a Break toilets</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.235 lakh.</li> <li>• State Share - 100 %.</li> <li>• List of equipments &amp; components : @Total cost based on actual estimate @ High pressure water washer, Approved Sanitary Napkin Vending and Destroyer equipment as part of estimate.</li> </ul>
6	<p>Modern Waste to Energy biogas plants in Urban areas as part of solid waste management</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.60 lakh</li> <li>• State Share - 100 %</li> <li>• 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.</li> </ul>
7	<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.</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.400 lakh</li> <li>• State Share- As per prevailing G.Os &amp; subsidy guidelines.</li> <li>• List of equipments &amp; components :</li> </ul>

	<ul style="list-style-type: none"> <li>@ Plant modifications based on actual estimate .</li> <li>@ Plastic shredding machine .</li> <li>@ Bailing machine .</li> <li>@ De-duster machine.</li> <li>@ Conveyors and waste handling equipments etc.</li> <li>@ Legacy waste disposal based on actual estimates.</li> <li>@ Sanitary Napkin Destroyers.</li> <li>@ Legacy waste removal at W2E plant sites.</li> <li>@ Total Cost of machinery (approx) Rs.15 lakh /RRF.</li> </ul>	
8	<p>Source Level Treatment of Solid Waste</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.250 lakh.</li> <li>• State Share – As per prevailing G.Os &amp; subsidy guidelines.</li> <li>• List of equipments &amp; components : <ul style="list-style-type: none"> <li>@ Composting and bimethanation plants &amp; devices.</li> <li>@ Specifications and Unit Cost of each household device as per orders issued by Suchitwa Mission and Government from time to time.</li> <li>@ 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.</li> </ul> </li> </ul>	
9	<p>Intensive IEC activities including workshop R&amp;D and capacity building, developing mobile app for SWM in urban area in collaboration with KELTRON</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.220 lakh.</li> <li>• State Share - 100 %.</li> </ul>	
10	<p>Liquid Waste Management including septage treatment plant, Mechanisation of Septage management, Liquid Waste treatment projects for Rejuvenation of canals and rivers</p> <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.310 lakh.</li> <li>• State Share – As per prevailing GOs &amp; subsidy guidelines.</li> <li>• List of equipments &amp; components : <ul style="list-style-type: none"> <li>@ Waste water and Septage Treatment plants with technologies based on site specific conditions</li> <li>@ Honey suckers as part of Septage Treatment plants</li> <li>@ Total cost based on DPR &amp; actual estimates</li> <li>@ Thelineer ozhukkum navakeralam Projects</li> </ul> </li> </ul>	



	@ Approximate : Total cost Rs.100 lakh /plant	
11	Handholding support for SHGs /Start Ups entrepreneurs involved in waste management supporting services, Incentive for promoting Extended Producer Responsibility and other such programmes, Promotion of green Protocol activities. <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.20 lakh.</li> <li>• State Share - 100 %.</li> </ul>	
12	Pre Monsoon cleaning Campaign <ul style="list-style-type: none"> <li>• Tentative Financial Target- Rs 395 Lakh.</li> <li>• State share -100%.</li> <li>• Municipality -Rs 10000/- per ward.</li> <li>• Corporation Rs 20000/- per ward</li> </ul>	
13	Technical advice for Urban Civic amenities <ul style="list-style-type: none"> <li>• Tentative Financial Target – Rs.5 lakh.</li> <li>• Consultation fees.</li> <li>• Project preparation cost of crematorium, slaughter house etc.</li> </ul>	
14	Disaster related sanitation and waste management <ul style="list-style-type: none"> <li>• Tentative Financial Target- Rs 5 Lakh.</li> </ul>	
	<b>Total</b>	<b>2100.00</b>

(C ) (i)Total project cost –Rs.2100 Lakh

(ii)Proposed duration of implementation –April to March

(iii)Year wise phasing

Financial year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
2022-2023	525	1050	1575	2100	2100

(D) (i)Name of Implementing Agency (IA)–Local Self Government Institution.

(ii) Decision making authority in IA- Secretary of concerned Local Self Government Institution.

(E) Funding pattern – being state scheme 100% state share.

(F) Head of Account – 2217-80-800-71.

- (G) Complete list of Equipments – included in detailed break up in (B)
- (H) Details of Human Resources to be provided with remuneration - Not applicable - No administrative cost is included in the scheme.
- (I) Method of procurement of Goods and Services – By following the existing rules.
- (J) Details of beneficiary selection – Concerned local body.

4. The funds will be released directly to local bodies from State Suchitwa Mission through allocation system and monitoring will be done through District Suchitwa Missions.

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

To:

The Executive Director, Suchitwa Mission .  
The Principal Director, Local Self Government Department.  
The Director of Urban Affairs .  
The Director of Panchayat .  
The Principal Accountant General (A&E) Kerala  
Thiruvananthapuram.  
The Accountant General (G&SSA/ E& RSA), Kerala  
Thiruvananthapuram .  
The Information Officer, I&PRD (Web & New Media)  
The Executive Director, Information Kerala Mission.  
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Section Officer.

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