



GOVERNMENT OF KERALA

Abstract

Local Self Government Department - Plan Schemes of Suchitwa Mission for the year 2025 - 2026 - Suchitwa Keralam (Urban) and Suchitwa Keralam (Rural) - Administrative Sanction accorded - orders issued

LOCAL SELF GOVERNMENT (WM) DEPARTMENT

G.O.(Rt)No.1638/2025/LSGD Dated,Thiruvananthapuram, 02-07-2025

Read 1 Letter No.5529/B1/2023/SM dated 03.04.2022 of the Executive Director, Suchitwa Mission

2 Minutes of the meeting of Special Working Group for Plan Schemes 2025 - 26 held on 12.06.2025 (Thursday) with Additional Chief Secretary (Finance) in the chair.

3 Letter No. SM/621/2025-FIN Dated 21/06/2025 of the Executive Director, Suchitwa Mission

ORDER

An amount of Rs.3000 lakh and Rs.2000 lakh have been earmarked under Plan Schemes of Suchitwa Mission - Suchitwa Keralam (Rural) and Suchitwa Keralam (Urban), respectively in the State Budget for the year 2025-26.

2. Two new components has been proposed by Suchitwa Mission for this financial year under the schemes - (1) Assistance for Slaughter house and Crematorium and (2) Community/Institutional Sanitary waste Destroyer. Rest of the components are the same. The Executive Director, Suchitwa Mission has submitted a proposal for according administrative sanction for an amount of Rs.2600 Lakh under the H/A – 2515-00-101-68 and Rs.1600 Lakh under the H/A – 2217-80- 800-71 respectively for Suchitwa Keralam (Rural) and Suchitwa Keralam (Urban) for the year 2025 - 2026 and an additional proposal for Rs. 400 Lakh each for both the Schemes for the two new components .

3. The meeting of the Special Working Group constituted for according Administrative Sanction for Plan Schemes with outlays exceeding Rs.15 crore was held on 12.06.2025 and approved the proposals for according administrative sanction for an amount of Rs.

3000 Lakh under the H/A – 2515-00-101-68 and Rs. 2000 Lakh under the H/A – 2217-80-800-71 respectively for Suchitwa Keralam (Rural) and Suchitwa Keralam (Urban) for the year 2025 - 2026 .

4. Government have examined the matter in detail and are pleased to accord administrative sanction for an amount of Rs. 3000 Lakh under the H/A – 2515-00-101-68 - Suchitwa Mission-Suchitwa Keralam (Rural) and Rs.2000 Lakh under the H/A – 2217-80-800-71 - Suchitwa Keralam (Urban) for the implementation of Plan schemes of Suchitwa Mission for the year 2025 - 2026, as detailed below:

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

- 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.
- Organize 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

Sl. No	Components	Financial Targets (Rs in lakhs)
1	Solid Waste Processing Plant and its modification, Material Collection Facilities (MCF), Resource Recovery Facility (RRF) Equipment for waste handling, Plastic Shredding Units etc Removal of Legacy waste, Tentative Financial Target – Rs.150 lakh	

	<ul style="list-style-type: none"> • State Share - As per prevailing G.Os & subsidy guidelines • List of equipments & 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 • Waste to energy biogas plants <p style="text-align: center;">Total Cost of machinery (approx) Rs.15lakh /RRF</p>	3000 Lakh
2	<p>Source Level Treatment of solid waste</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.150 lakh • State Share – As per prevailing G.Os & subsidy guidelines • List of equipments & components : • Composting and biomethanation plants & 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 • Support to ODF sustainability 	
3	Liquid Waste Management including Septage treatment plants, Mechanisation of Septage management ,of Liquid Waste	

	<p>treatment projects for Rejuvenation of canals and rivers</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.450 lakh • State Share – As per prevailing G.Os & 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. <p style="text-align: center;">(Approximate cost Rs.140 lakh /plant)of</p> <ul style="list-style-type: none"> • Conversio leach pit to septic tank /bio digester for IHHL
4	<p>Intensive IEC activities including workshop R & D capacity building and support to set gaps identified in Swachh Survekshan Survey</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.150 lakh • State Share - 100%
5	<p>Administrative Cost</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.1300 lakh • State Share - 100%
6	<p>Initial handholding support for SHGs/Start Ups Haritha karmasenas for promoting green initiatives involved in waste management study, R&D on material use and waste, policy, standards and guidelines for SLWM and other innovations in sanitation.</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.50 lakh • State Share - 100%

7	<p>Technical advice for rural civic amenities</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.50 lakh • Consultation fees • Project preparation cost of crematorium, slaughter house etc • State Share - 100%
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"> • Tentative Financial Target – Rs.150 lakh • State Share - 100% • List of equipments & components : • Total cost based on actual estimate • High pressure water washer, Approved Sanitary Napkin Vending and Destroyer equipment as part of estimate
9	<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"> • Tentative Financial Target – Rs.100 lakh • State Share - 100 % • List of equipment & Components: • Cost based on actual estimates
10	<p>Disaster related sanitation and waste management</p> <ul style="list-style-type: none"> • Tentative Financial Target- Rs 50 Lakh

11	<p>Community/Institutional Sanitary waste Destroyer</p> <p>Tentative financial target - Rs 200 lakh</p> <p>State share: 40% of capital investment subject to a maximum of 25 Lakh</p> <p>List of equipment and components</p> <ol style="list-style-type: none">1. Dumping pit along with primary burning chamber connected with conveyor system,2. secondary burning chamber,3. cyclone separator (dust collector/ fly ash collector),4. high efficiency burners5. APCD- Venturi & Water Scrubber6. Moisture Separator7. ETP with recirculation system8. ID fans, Water Pumps,9. Air compressors10. PLC/SCADA based control system11. Fire safety equipment's12. 30m Stack13. LPG & Ash storage area.14. office Room and other amenities15. Toilet Facility16. Weighing Machine17. Water Pressure Pump	
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	<p>18. Generator</p> <p>Total cost of machinery Rs 1.5cr (approx of.) for 1 TPD plant</p>	
	<p>Assistance for Slaughter house and Crematorium</p> <p>Tentative target: Rs 200 lakh</p> <p>State share: 40% of capital investment subject to a maximum of 25 Lakh</p> <p>List of equipment and components in a modern crematorium:</p> <ol style="list-style-type: none"> 1. Cremator (Cremation Furnace) - Primary and Secondary combustion chamber 2. Control Panel/System -Digital interface for temperature, timing, and process control, Safety interlocks and diagnostics 3. Motorized or manual Charging Bier / Trolley 4. Ash Collection and cooling Tray or Chamber 5. Flue Gas Cleaning/ Air purifying System - Includes particulate filters and catalytic converters 6. Baghouse Filter Unit or Electrostatic Precipitator - Traps fine ash and particles from exhaust gases 7. Ash and Bone Residue Storage - Sealed containers or temporary storage vaults 8. Hazardous Waste Disposal Units - For items like pacemakers, implants, or chemically treated remains 9. Waste Water Treatment Unit 10. Fire Suppression System-Sprinklers, extinguishers, and alarms 11. Surveillance and Monitoring Systems- CCTV for process 	

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monitoring and security

Cost of machinery Rs 1.5cr approximately.

List of equipment and components for Slaughter house waste management unit

1. Solid Waste Management Units of

- a. Offal Collection & Segregation System - ₹4,15,000 – ₹10,00,000
- b. Rendering Plant (for Meat & Bone Meal / Tallow) - ₹1,00,00,000 – ₹4,50,00,000
(Based on 1–20 tons/day capacity)
- c. Blood Collection & Coagulation Unit - ₹8,50,000 – ₹25,50,000
- d. Feather/Hair Processing Unit - ₹15,50,000 – ₹1,00,00,000
- e. Composting System (for Organic Waste) - ₹3,50,000 – ₹10,00,000
- f. Biogas Plants - ₹5,50,000 – ₹10,00,000

2. Liquid Waste Management Units (INR)

- a. Effluent Treatment Plant (ETP)
 - Small (up to 10 m³/day): ₹20,75,000 – ₹41,50,000
 - Medium (10–50 m³/day): ₹41,50,000 – ₹1,24,50,000
 - Large (50–500 m³/day): ₹1,24,50,000 – ₹4,15,00,000+
- b. Grease Trap / Oil-Water Separator - ₹4,15,000 – ₹16,60,000

3. Air Pollution Control Units

- a. Biofilters / Scrubbers - ₹10,00,000 – ₹25,00,000

4. Cold Storage for Byproducts - ₹8,30,000 – ₹50,00,000

	Cost of machinery : Actual costs may vary depending on local taxes, transport, and vendor markup.	
	Total	3000 Lakh

- (C) (i) Total project cost –Rs 3000 Lakh
(ii) Proposed duration of implementation –April to March
(iii) Year wise phasing

Financial year	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter	Total
2025 - 2026	0	1500	2250	3000	3000

- (D) (i) Name of Implementing Agency (IA)–LSGI
(ii) Decision making authority in IA- Secretary of concerned LSGI
(E) Funding pattern – being State scheme 100% State share
(F) Head of Account – 2515-00-101-68
(G) Complete list of Equipments – included in detailed break up in (B)
(H) Details of Human Resources to be provided with remuneration
Government Officials – 52
Contract Staff -104
Daily wages -28
Total administrative cost required is Rs 1300 lakh
(I) Method of procurement of Goods and Services – Concerned Local Body
(J) Details of beneficiary selection – Concerned Grama Sabha

Suchitwa Keralam (Urban)

(A) Aims and Objectives of the Scheme

- 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.

- Organize appropriate Information, Education and Communication (IEC) and Capacity Development activities aimed at the attitudinal and behavioural 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"> • Tentative Financial Target – Rs.40 lakh • State Share - 100% • List of equipments & Components • Vehicle mounted mechanical sweeper <p>Approximate :Total cost: Rs40 Lakh/Unit</p>	
2	<p>Setting up of Construction and Demolition (C&D) waste treatment plants</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.100 lakh • State Share - 25 % • List of equipment • Impact crusher • Belt conveyors • Weighbridge • Sieves 	

	<ul style="list-style-type: none"> • Sprinkler etc. <p>Approximate: Total Cost Rs.800 lakh/ unit</p>	
3	<p>Conversion of leach pit to septic tank/Bio digester for individual house hold toilets</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.100 lakh • State Share - 100 % • List of equipments & Components: • Septic Tank with soak pit -Based on estimate as per site condition ,upto a maximum of <ol style="list-style-type: none"> 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 	2000 Lakh
4	<p>Construction of Sanitary Complexes in Public Places including Government schools/Aided schools/Libraries affiliated to Library council, 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.</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.200 lakh • State Share - 100 % • List of equipments & components : • Total cost based on actual estimate • High pressure water washer, Approved Sanitary Napkin Vending and Destroyer equipment as part of estimate 	

5	<p>Modern Waste to Energy biogas plants in Urban areas as part of solid waste management</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.110 lakh • State Share - 100 % • List of equipments & Components • Biogas Plant • Pulveriser • Heating system • Gas scrubbers • Generator • Lighting system • Remote monitoring systems etc <p style="text-align: center;">Approximate :Total Cost :Rs. 60 lakh /unit</p>	
6	<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> <p>Tentative Financial Target – Rs.250 lakh</p> <ul style="list-style-type: none"> • State Share- As per prevailing G.Os & subsidy guidelines • List of equipments & components : • Plant modifications based on actual estimate • Plastic shredding machine • Bailing machine 	

	<ul style="list-style-type: none"> • De-duster machine • Conveyors and waste handling equipments etc • Legacy waste disposal based on actual estimates • Sanitary Napkin Destroyers • Legacy waste removal at W2E plant sites <p style="text-align: center;">Total Cost of machinery (approx) Rs.15 lakh /RRF</p>
7	<p>Source Level Treatment of Solid Waste</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.150 lakh • State Share – As per prevailing G.Os & subsidy guidelines • List of equipments & components : • Composting and biomethanation Plants & 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
8	<p>Intensive IEC activities including workshop R&D and capacity building, developing mobile app for SWM in urban area in collaboration with KELTRON</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.100 lakh • State Share - 100 %
9	<p>Liquid Waste Management including septage treatment plant, Mechanisation of Septage management , Liquid Waste</p>

	<p>treatment projects for Rejuvenation of canals and rivers</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs400 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 • Thelineer ozhukkum navakeralam Projects <p style="text-align: center;">Approximate : Total cost Rs.100 lakh /plant</p>
10	<p>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.</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.50 lakh • State Share - 100 %
11	<p>Technical advice for Urban Civic amenities</p> <ul style="list-style-type: none"> • Tentative Financial Target – Rs.50 lakh • Consultation fees • Project preparation cost of crematorium, slaughter house etc
12	<p>Disaster related sanitation and waste management</p>

	<ul style="list-style-type: none"> • Tentative Financial Target- Rs 50 Lakh 	
13	<p>Community/Institutional Sanitary waste Destroyer</p> <p>Tentative financial target - Rs 200 lakh</p> <p>State share: 40% of capital investment subject to a maximum of 25 Lakh</p> <p>List of equipment and components</p> <ol style="list-style-type: none"> 1. Dumping pit along with primary burning chamber connected with conveyor system, 2. secondary burning chamber, 3. cyclone separator (dust collector/ fly ash collector), 4. high efficiency burners 5. APCD- Venturi & Water Scrubber 6. Moisture Separator 7. ETP with recirculation system 8. ID fans, Water Pumps, 9. Air compressors 10. PLC/SCADA based control system 11. Fire safety equipment's 12. 30m Stack 13. LPG & Ash storage area. 14. office Room and other amenities 15. Toilet Facility 16. Weighing Machine 17. Water Pressure Pump 18. Generator 	

Total cost of machinery Rs 1.5cr (approx.) for 1 TPD plant

Assistance for Slaughter house and Crematorium

Tentative target: Rs 200 lakh

State share: 40% of capital investment subject to a maximum of 25 Lakh

List of equipment and components in a modern crematorium:

1. Cremator (Cremation Furnace) - Primary and Secondary combustion chamber
2. Control Panel/System -Digital interface for temperature, timing, and process control, Safety interlocks and diagnostics
3. Motorized or manual Charging Bier / Trolley
4. Ash Collection and cooling Tray or Chamber
5. Flue Gas Cleaning/ Air purifying System - Includes particulate filters and catalytic converters
6. Baghouse Filter Unit or Electrostatic Precipitator - Traps fine ash and particles from exhaust gases
7. Ash and Bone Residue Storage - Sealed containers or temporary storage vaults
8. Hazardous Waste Disposal Units - For items like pacemakers, implants, or chemically treated remains
9. Waste Water Treatment Unit
10. Fire Suppression System-Sprinklers, extinguishers, and alarms
11. Surveillance and Monitoring Systems- CCTV for process monitoring and security

Cost of machinery Rs 1.5cr approximately.

List of equipment and components for Slaughter house waste management unit

1. **Solid Waste Management Units**

	<p>a. Offal Collection & Segregation System - ₹4,15,000 – ₹10,00,000</p> <p>b. Rendering Plant (for Meat & Bone Meal / Tallow) - ₹1,00,00,000 – ₹4,50,00,000 (Based on 1–20 tons/day capacity)</p> <p>c. Blood Collection & Coagulation Unit - ₹8,50,000 – ₹25,50,000</p> <p>d. Feather/Hair Processing Unit - ₹15,50,000 – ₹1,00,00,000</p> <p>e. Composting System (for Organic Waste) - ₹3,50,000 – ₹10,00,000</p> <p>f. Biogas Plants - ₹5,50,000 – ₹10,00,000</p> <p>2. Liquid Waste Management Units (INR)</p> <p>a. Effluent Treatment Plant (ETP)</p> <ul style="list-style-type: none"> • Small (up to 10 m³/day): ₹20,75,000 – ₹41,50,000 • Medium (10–50 m³/day): ₹41,50,000 – ₹1,24,50,000 • Large (50–500 m³/day): ₹1,24,50,000 – ₹4,15,00,000+ <p>b. Grease Trap / Oil-Water Separator - ₹4,15,000 – ₹16,60,000</p> <p>3. Air Pollution Control Units</p> <p>a. Biofilters / Scrubbers - ₹10,00,000 – ₹25,00,000</p> <p>4. Cold Storage for Byproducts - ₹8,30,000 – ₹50,00,000</p> <p>Cost of machinery : Actual costs may vary depending on local taxes, transport, and vendor markup.</p>	
	Total	2000.00

- (C) (i) Total project cost –Rs 2000 Lakh
(ii) Proposed duration of implementation –April to March
(iii) Year wise phasing

Financial year	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter	Total
2025 - 2026	0	1000.00	1500.00	2000.00	2000.00

- (D) (i) Name of Implementing Agency (IA) –LSGI
(ii) Decision making authority in IA- Secretary of concerned LSGI
(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 admin cost is included in the scheme
(I) Method of procurement of Goods and Services – Concerned Local Body
(J) Details of beneficiary selection – Concerned Local body

5 . The Executive Director, Suchitwa Mission should follow the general instructions given below regarding the release of funds.

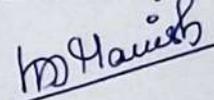
- The expenditure would be met from the provision available under the appropriate head of account.
- The fund release will be based on actual requirement and the fund released should not be parked in banks.
- Store Purchase Rules shall be strictly adhered to, if applicable.
- Tender / e-tender and other stipulated formalities shall be followed wherever necessary.
- Post creation and purchase of vehicles are not admissible under the scheme.
- For hiring of project staff / man power as part of project implementation, instructions issued in G.O(P)No.76/2019/Fin. Dated 02.07.2019 and G.O(P)No.81/2019/Fin dated 09.07.2019 shall be followed.

6. 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)
ANUPAMA TV IAS
SPECIAL SECRETARY

The Executive Director, Suchitwa Mission .
The Principal Director, Local Self Government Department.
The Director (Urban),Local Self Government Department.
The Director(Rural),Local Self Government Department.
Finance (Planning-B) Department
Finance (WCD) Department (Vide File No. WCD-3/121/2025-FIN)
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