

Minutes of the 10th State Level Technical Committee (SLTC) of AMRUT 2.0 held on 27th & 30th of September 2023 at 03:00 PM through Video Conferencing chaired by the Principal Secretary, Local Self Government Department

The meeting of the 10th State Level Technical Committee of AMRUT 2.0, chaired by Smt. Sharmila Mary Joseph IAS, Principal Secretary, Local Self Government Department commenced at 03:00 PM on 27th & 30th of September 2023 (List of participants attached as Annexure 1).

Sri. Alex Varghese IAS, Mission Director, AMRUT presented the points in the agenda note.

Agenda Item No.10.01: APPROVAL OF MINUTES OF THE 9th MEETING OF SLTC

Decision Taken: The Committee approved the minutes of the 9th SLTC meeting of AMRUT 2.0.

Agenda Item No.10.02: ACTION TAKEN REPORT ON THE DECISIONS OF THE 8th & 9th SLTC MEETING OF AMRUT 2.0

Agenda Item No.7.3: ADMINISTRATIVE SANCTION FOR THE SEWERAGE PROJECT OF KOLLAM & KOCHI CORPORATIONS (SWAP-2):

9th SLTC Decision:

- ❖ *The Managing Director of KWA was directed to take the necessary steps to issue the TS for the Kochi Sewerage project. MD KWA agreed to issue the same within a week.*

Action Taken:

- ❖ **TS for Kochi sewerage project has been issued.**

Decision taken: Noted

Agenda Item No. 7.8: OPENING OF SEPARATE BANK ACCOUNT FOR MAINTAINING THE EARNEST MONEY DEPOSIT (EMD) AND PROCESSING FEE AT SNA:

9th SLTC Decision:

- ❖ *The Chair directed the LSGD and the Mission Director to follow up and speed up the processes.*

Action Taken:

- ❖ **The matter is being processed by the Government.**

Decision taken: The Chair directed the LSGD to speed up the processes.

Agenda Item No. 7.9: To entrust the IMPACT KERALA with the task of implementing STP/FSTP schemes for the ULBs that are unable to do so far.

9th SLTC Decision:

- ❖ *The Mission Director reported that IMPACT Kerala has only a skeleton structure consisting of two project managers who are deputed from the Local Self Government Department (LSGD) Engineering wing.*
- ❖ *The Committee has recommended considering the expansion of the team members of IMPACT, Kerala based on the requirement.*

Action Taken:

- ❖ **Government Order was issued vide G.O.(Rt)No.712/2023/LSGD dated 25-03-2023.**

Decision taken: Noted

Agenda Item No.8.4: ADMINISTRATIVE SANCTION FOR WATER SUPPLY PROJECTS APPROVED UNDER 1st AND 2ND TRANCHES OF SWAP

8th SLTC Decision:

The committee recommended the following to the SHPSC;

- ❖ *Issuance of Administrative Sanction for 13 WS projects satisfied the criteria stipulated in the SHPSC for AMRUT 2.0- Cost per household benefitted less than or equal to Rs.50000/- and coverage achieved greater than 75%, amounting to Rs.294.774 Cr. (CAPEX – Rs. 279.989 Cr. & OPEX – Rs.14.786 Cr.)*
- ❖ *Allocation of additional funds for Mavelikkara Municipality for an amount of Rs. 52 lakhs from the floating fund for WS projects was recommended.*

6th SHPSC Decision:

- ❖ *The Mission Director AMRUT presented the project proposals before the Committee. The committee reviewed the project proposals in detail and accorded the Administrative Sanctions for 12 WS projects amounting to Rs.281.957 Cr. (CAPEX – Rs. 266.873 Cr. & OPEX – Rs.15.084 Cr.)*

The Committee accorded the additional fund requirement for Mavelikkara Municipality for an amount of Rs. 52 lakhs from the floating fund for WS projects.

Action Taken:

- ❖ **GO issued vide G.O.(Rt)No.1906/2023/LSGD dated 26.9.2023.**

Decision taken: Noted

Agenda Item No.8.5: ADMINISTRATIVE SANCTION FOR THE SEWERAGE PROJECT OF KOZHICODE CORPORATION (SWAP-2)

8th SLTC Decision:

The major components of the proposed Sewerage Treatment Plant and Laying Sewerage Network in Kozhikode Corporation were discussed in detail by the committee and recommended to place the following to the SHPSC:

- ❖ *Issuance of Administrative Sanction for the sewerage project proposed in Kozhikode Corporation, amounting to Rs.179.29 Cr. (CAPEX – Rs.164.20 Cr. & OPEX – Rs.15.09 Cr.).*
- ❖ *The request of the Kozhikode Corporation to meet the excess amount of Rs. 1.63 Cr. required for the Sewerage Sector from the Water Body Rejuvenation & Park Sector.*

<p>6th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The committee observed that the sewer connections given are only 3128 Nos. and that the cost per connection is Rs. 5.25 Lakh. Therefore, the committee instructed KWA to investigate further and come up with a proposal that could reduce the cost per connection.</i> ❖ <i>The Committee deferred the proposal.</i>
<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ The revised proposal was presented as an Additional Agenda.
<p>Decision taken: Noted.</p>
<p>Agenda Item No.8.6: ADMINISTRATIVE SANCTION OF REJUVENATION OF WATERBODY PROJECTS APPROVED UNDER SWAP-2</p>
<p>8th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ <i>Issuance of Administrative Sanction for 123 projects for Rejuvenation of Water Bodies proposed amounting to Rs. 44.459 Cr. (CAPEX – Rs.41.404 Cr. & OPEX - Rs.3.055 Cr.)</i> ❖ <i>The over and above the SAAP amount shall be borne by the ULBs.</i>
<p>6th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The Mission Director AMRUT presented the project proposals before the Committee. The committee reviewed the project proposals in detail and accorded Administrative Sanction for 133 projects under the Rejuvenation of Water Bodies, amounting to Rs. 46.665 crores (CAPEX – Rs.43.471 Cr. & OPEX - Rs.3.189 Cr.), and the list is attached as Annexure-2.</i> ❖ <i>The over and above the SAAP amount shall be borne by the ULBs.</i> ❖ <i>Before issuing Technical Sanctions, ULBs shall ensure that the projects should include a nature-based resource management approach that enhances the ecological functions and services of the water bodies. This involves restoring the source of water, increasing the water flow, and improving the water table in the surrounding areas.</i>
<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ GO issued vide G.O.(Rt)No.1908/2023/LSGD dated 26.9.2023.
<p>Decision taken: Noted</p>
<p>Agenda Item No.8.7: REPLACEMENT OF WATER SUPPLY PROJECT IN KOCHI CORPORATION APPROVED UNDER THE 1ST TRANCHE OF SWAP</p>
<p>8th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The Committee approved the Replacement of the project - Construction of a new OHSR of 15 lakh liter capacity at the Fort Kochi tank site for CAPEX Rs.4 Cr with the 5LL CAPACITY GLSR (Ground Level Service Reservoir), pump house, and supply and installation of pump set at Edakochi OHSR for CAPEX Rs.2.496 Cr.</i>

<p>6th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The Committee accorded sanction to the cancellation of the project - Construction of a new OHSR of 15 lakh litres capacity at the Fort Kochi tank site for Rs.4.15 Cr. (CAPEX- Rs.4 Cr. & OPEX- Rs.0.15 Cr.)</i> ❖ <i>The Committee accorded sanction to the replacement project – 5 lakh litres CAPACITY GLSR (Ground Level Service Reservoir), pump house, and supply and installation of pump set at Edakochi OHSR for Rs.2.602 Cr. (CAPEX- Rs.2.496 Cr. & OPEX - Rs.0.106 Cr.)</i>
<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ GO issued vide G.O.(Rt)No.1904/2023/LSGD dated 26.9.2023
<p>Decision taken: Noted</p>
<p>Agenda Item No.8.8: O&M STRATEGY FOR STPS PROPOSED BY KWA UNDER AMRUT</p>
<p>8th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ <i>DCE, PIU-2, KWA, informed that the O & M charges for STPs and sewer networks are being met by KWA through the sewer cess levied from the consumers along with the water charges. Recently KWA revised the water charges and the sewer cess. The new tariff has been implemented in only one subdivision out of five in Thiruvananthapuram. The revenue recovered based on the new sewer cess can be assessed only after the new tariff is implemented in all five subdivisions having sewer connections in Thiruvananthapuram.</i> ❖ <i>The Committee directed KWA to assess and report the projected revenue recovery based on the implementation of new sewer charges in one subdivision of Thiruvananthapuram and the O & M charges that can be met from them.</i>
<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ An Agenda note in this regard is included in this meeting
<p>Decision taken: Noted</p>
<p>Agenda Item No.8.9: STATUS OF SELECTION OF PROJECT DEVELOPMENT AND MANAGEMENT CONSULTANTS (PDMC)</p>
<p>8th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The Committee decided to approve the cancellation of the ongoing tender process of PDMC after detailed deliberation.</i> ❖ <i>The committee reviewed the revised scope of works of PDMC and suggested for incorporating the task of preparation of DPRs for Sewerage & Septage projects in AMRUT cities.</i> ❖ <i>The Committee instructed the Mission Director AMRUT to prepare the revised scope of work and the revised RFP for the PDMC and to seek approval from the Government for retendering.</i>
<p>6th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ The Committee ratified the action in canceling the original tender process of PDMC. ❖ The Committee took note of the revised scope of works of PDMC and the current status of the tender process.
<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ GO issued vide G.O.(Rt)No.1276/2023/LSGD dated 19.06.2023 approving the revised RFP for PDMC. Bids were invited and an Agenda in this regard is included in this Committee meeting.

Decision taken: Noted
Agenda Item No.8.10: 24X7 WATER SUPPLY WITH DRINK FROM TAP FACILITY- RECONSTITUTION OF STATE-LEVEL TASK FORCE & CITY LEVEL TASK FORCE.
8th SLTC Decision: <ul style="list-style-type: none"> ❖ <i>The Committee recommended for the reconstitution of the State Level Task Force on 24X7 water supply systems with the inclusion of the Deputy Chief Engineer (Projects) and for the reconstitution of the City Level Task Force on 24X7 water supply systems with the inclusion of the Executive Engineer, KWA district office, and a GIS expert.</i>
6th SHPSC Decision: <ul style="list-style-type: none"> ❖ <i>The Committee accorded sanction to the reconstitution of the State Level Task Force on 24X7 water supply systems with the inclusion of the Deputy Chief Engineer (Projects) and for the reconstitution of the City Level Task Force on 24X7 water supply systems with the inclusion of the Executive Engineer, KWA district office, and a GIS expert.</i>
Action Taken: <ul style="list-style-type: none"> ❖ GO issued vide G.O.(Rt)No.1891/2023/LSGD dated 26.9.2023
Decision taken: Noted
Agenda Item No.8.12: SANCTION TO PROVIDE TRAVEL ALLOWANCES FOR THE CITY MISSION MANAGEMENT UNIT STAFF
8th SLTC Decision: <ul style="list-style-type: none"> ❖ <i>The Committee accorded sanction to provide conveyance allowances of a maximum of Rs. 7000 monthly to CMMU staff based on the Fortnightly progress report to avail of the allowance as per the prevailing Govt. norms and recommend the same to SHPSC.</i>
6th SHPSC Decision: <ul style="list-style-type: none"> ❖ <i>The Committee accorded sanction for providing conveyance allowances for CMMU staff up to Rs.7000/- per month, subject to the submission of the fortnightly progress report and compliance with the prevailing Govt. norms.</i>
Action Taken: <ul style="list-style-type: none"> ❖ GO issued vide G.O.(Rt)No.1769/2023/LSGD dated 05-09-2023.
Decision taken: Noted
Agenda Item No.8.13: APPROVAL TO ENGAGE GIS/SCADA EXPERTS ON CALL FOR 24X7 WATER SUPPLY SYSTEM & SEWERAGE PROJECTS
8th SLTC Decision: <ul style="list-style-type: none"> ❖ <i>The Committee granted permission to the Mission Director AMRUT to engage one GIS expert and one SCADA expert with more than 10 years of experience in GIS/SCADA at Rs. 4000/day- subject to a maximum of Rs. 40000/ month on call.</i>

<p>6th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The Committee accorded permission to the Mission Director AMRUT to engage one GIS expert and one SCADA expert with more than 10 years of experience in GIS/SCADA at Rs. 4,000/day-subject to a maximum of Rs. 40,000/ month on call.</i>
<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ GO issued vide G.O.(Rt)No.1896/2023/LSGD dated 25.9.2023.
<p>Decision taken: Noted</p>
<p>Agenda Item No.9.03: PROGRESS OF AMRUT 2.0</p>
<p>9th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The Committee reviewed the progress of AMRUT 2.0. The Chair expressed concern over the slow progress and stressed the need to finish the AMRUT Mission on schedule. MD KWA and ULBs were asked to take urgent steps to issue technical Sanctions for all works of KWA & ULBs before the end of June and to award all the approved projects before the end of July 2023.</i>
<p>6th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The physical and financial progress of Projects were reviewed by the Committee and directed KWA and ULB to expedite the award of projects and also to submit the remaining DPRs of water supply/ Micro water supply/ rejuvenation of water bodies under Tranches 1&2 before 31st July 2023.</i> ❖ <i>The Committee decided to cancel the allocated funds of Rs. 24.728 Cr. with Iritty and Mattannur Municipalities since a comprehensive scheme is taken up under KIIFB in the said ULBs.</i>
<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ Project progress is included as Agenda item-10.03. ❖ GO issued vide G.O. (Rt) No. 1837/ 2023/ LSGD dated 18.9.2023 cancelling the allocated funds of Iritty and Mattannur Municipalities.
<p>Decision taken: Noted</p>
<p>Agenda Item No.9.04: ADMINISTRATIVE SANCTION FOR WATER SUPPLY PROJECTS EXECUTED BY KWA IN KODUVALLY MUNICIPALITY:</p>
<p>9th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The committee decided to recommend issuing the Administrative Sanction for the water supply project of Koduvally Municipality- <u>AMRUT-II-WSS to Koduvally Municipality in Kozhikode District: -Providing Functional Household Tap Connection& Construction of 10 LL Ground Level Service Reservoir amounting to Rs.15.214 Cr. (CAPEX – Rs. 14.38Cr. & OPEX – Rs.0.834 Cr.) based on the confirmation of land availability from the Secretary of Koduvally Municipality.</u></i>
<p>6th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The Mission Director AMRUT presented the project proposals before the Committee. The committee reviewed the project proposals in detail and accorded the Administrative Sanctions for 12 WS projects amounting to Rs.281.957 Cr. (CAPEX – Rs. 266.873 Cr. & OPEX – Rs.15.084 Cr.)</i>

<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ GO issued vide G.O.(Rt)No.1906/2023/LSGD dated 26.9.2023.
<p>Decision taken: Noted</p>
<p>Agenda Item No.9.5: ADMINISTRATIVE SANCTION FOR MICRO WATER SUPPLY PROJECTS DIRECTLY EXECUTED BY THE ULB APPROVED UNDER 1ST AND 2ND TRANCHES OF SWAP:</p>
<p>9th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The committee recommended the issuance of Administrative Sanction for 10 Micro water supply projects (6 of Kothamangalam & 4 of Panoor ULBs) amounting to Rs. 9.966 Cr (Capex: Rs. 9.491Cr. Opex: Rs. 0.475 Cr) to the SHPSC. Additional funds for Kothamangalam & Panoor Municipalities from the approved SWAP shall be met from the allocated fund for WS projects for the respective municipalities.</i>
<p>6th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The Mission Director AMRUT presented the project proposals before the Committee. The committee reviewed the project proposals in detail and accorded Administrative Sanction for 8 Micro water supply projects of Kothamangalam ULB amounting to Rs 8.836 Cr (Capex: Rs 8.415 Cr. Opex: Rs.0.421 Cr) and 4 Micro water supply projects of Panoor ULB amounting to Rs. 2.816 Cr (Capex: Rs.2.681 Cr. Opex: Rs. 0.135 Cr). Both (Panoor and Kothamangalam) totaling to 11.652 cr. (capex: 11.096 cr, Opex 0.556)</i> ❖ <i>The Committee has accorded the additional fund requirement for Kothamangalam Municipality for an amount of Rs. 2.91 Cr. from the floating fund for WS projects.</i>
<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ Government order issued vide G.O.(Rt) No.1909/2023/LSGD dated 26.9.2023.
<p>Decision taken: Noted</p>
<p>Agenda Item No.9.6: ADMINISTRATIVE SANCTION FOR WATER SUPPLY PROJECTS DIRECTLY EXECUTED BY THE THRISSUR ULB</p>
<p>9th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ <i>After detailed deliberations, the committee recommended issuing the Administrative Sanction for the project- Water Efficient Thrissur- Phase-2 (WET -2) for an amount of Rs. Rs.18.79 Cr. (CAPEX – Rs. 16.948 Cr. & OPEX – Rs.1.842 Cr.).</i> ❖ <i>The approval of the project, "Providing Additional Infrastructure for Laying 800 mm dia DI K9 Pipeline," for an amount of Rs.1.005 crore (CAPEX: Rs. 1.00 crore and OPEX: Rs. 0.005 crore), was kept on hold for want of proper documents. Thrissur ULB was directed to provide the rationale for the requirement of a new bridge and the condition of the existing bridge, with photographs explaining the same.</i>
<p>6th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The Mission Director AMRUT presented the project proposals before the Committee. The committee reviewed the project proposals in detail and accorded administrative sanctions for Water Efficient Thrissur- Phase-2 (WET -2) for an amount of Rs.18.790 Cr. (CAPEX – Rs. 16.948 Cr. & OPEX – Rs.1.842 Cr.) and the 5 Water supply projects (KWA) amounting to Rs.35.61 Cr. (CAPEX – Rs. 35 Cr. & OPEX – Rs.0.61 Cr.).</i>

<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ GO issued vide G.O.(Rt)No.1899/2023/LSGD dated 26.9.2023 for Water Efficient Thrissur- Phase-2. ❖ The report submitted by Thrissur for the deferred project is included in the Agenda.
<p>Decision taken: Noted</p>
<p>Agenda Item No.9.7: ADMINISTRATIVE SANCTION FOR REJUVENATION OF WATERBODY PROJECTS APPROVED UNDER SWAP-2:</p>
<p>9th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The committee decided to approve in principle and recommended issuing Administrative Sanction for 10 Rejuvenation of Water Body projects proposed amounting to Rs. 2.2013 Cr. (CAPEX – Rs.2.0666 Cr. & OPEX - Rs.0.1347 Cr.). to the SHPSC subject to the following;</i> ❖ <i>Before issuing Technical Sanctions, ULBs shall ensure that the projects should include a nature-based resource management approach that enhances the ecological functions and services of the water bodies. This involves restoring the source of water, increasing the water flow, and improving the water table in the surrounding areas.</i>
<p>6th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The Mission Director AMRUT presented the project proposals before the Committee. The committee reviewed the project proposals in detail and accorded Administrative Sanction for 133 projects under the Rejuvenation of Water Bodies, amounting to Rs. 46.665 crores (CAPEX – Rs.43.471 Cr. & OPEX - Rs.3.189 Cr.).</i> ❖ <i>Before issuing Technical Sanctions, ULBs shall ensure that the projects should include a nature-based resource management approach that enhances the ecological functions and services of the water bodies. This involves restoring the source of water, increasing the water flow, and improving the water table in the surrounding areas.</i>
<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ GO issued vide G.O.(Rt) No.1908/ 2023/ LSGD dated 26.9.2023
<p>Decision taken: Noted</p>
<p>Agenda Item No.9.8: IRINJALAKUDA MUNICIPALITY-REPLACEMENT OF WATER SUPPLY PROJECT EXECUTED BY KWA- MINI WATER SUPPLY SCHEME TO WARDS 1 AND 2</p>
<p>9th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The Committee recommended the following to the SHPSC;</i> <ul style="list-style-type: none"> ● <i>The cancellation of AS issued for the project-AMRUT2.0- Mini Water Supply Scheme to ward 1 and 2 of Irinjalakuda Municipality”, for Rs.0.840 Cr. (CAPEX- Rs. 0.800 & OPEX- Rs.0.040Cr.)</i> ● <i>and to issue the AS for the replacement project, AMRUT 2.0 - Improvement of water supply systems of Irinjalakuda Municipality – IWSS - Strengthening of water supply distribution system in ward 1 & 2 for Rs. 0.840 Cr. (CAPEX- Rs. 0.800 & OPEX- Rs.0.040Cr.)</i>
<p>6th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The Committee accorded sanction for the cancellation of the project- AMRUT 2.0- Mini Water Supply Scheme to wards 1 and 2 of Irinjalakuda Municipality for a total project cost of Rs.0.840 Cr. (CAPEX- Rs. 0.800 Cr.& OPEX- Rs.0.040 Cr.).</i>

<ul style="list-style-type: none"> ❖ The Committee accorded sanction for the replacement of the project, AMRUT 2.0 - Improvement of water supply systems of Irinjalakuda Municipality – IWSS - Strengthening of water supply distribution system in ward 1 & 2 for Rs. 0.840 Cr. (CAPEX- Rs. 0.800 & OPEX- Rs.0.040Cr.)
Action Taken: <ul style="list-style-type: none"> ❖ GO issued vide G.O.(Rt)No.1895/2023/LSGD dated 25.9.2023
Decision taken: Noted
Agenda Item No.9.9: IRINJALAKKUDA MUNICIPALITY- REVISED AS FOR THE PROJECT - AMRUT 2.0- PROVIDING HOTLINE FROM MANGADIKKUNNU WTP TO WARDS 23 AND 32 OF IRINJALAKUDA MUNICIPALITY, STRENGTHENING OF OLD AC AND PVC PIPES BY REPLACING THEM WITH NEW PE/PVC PIPES. AND PROVIDING 200 NUMBERS OF FHTCS
9th SLTC Decision: <ul style="list-style-type: none"> ❖ After detailed deliberations, the Committee decided to recommend to the SHPSC the revision of the Administrative Sanction of the project due to tender excess- AMRUT 2.0: "Providing a hotline from Mangadikkunnu WTP to wards 23 and 32 of Irinjalakuda Municipality; strengthening old AC and PVC pipes by replacing them with new PE and PVC pipes; and providing 200 numbers of FHTCs from Rs. 1.680 Cr. (CAPEX: Rs. 1.600; OPEX: Rs. 0.080 Cr.) to Rs. 1.805 Cr. (CAPEX: Rs. 1.725; OPEX: Rs.0.080 Cr. ❖ 25% of the excess due to tender variation shall be borne by the ULB and 75% by the State.
6th SHPSC Decision: <ul style="list-style-type: none"> ❖ The Committee approved the revision of the Administrative Sanction of the project: "AMRUT 2.0- Providing a hotline from Mangadikkunnu WTP to wards 23 and 32 of Irinjalakuda Municipality; Strengthening old AC and PVC pipes by replacing them with new PE and PVC pipes; and providing 200 numbers of FHTCs from Rs. 1.680 Cr. (CAPEX: Rs. 1.600; OPEX: Rs. 0.080 Cr.) to Rs. 1.805 Cr. (CAPEX: Rs. 1.725; OPEX: Rs.0.080 Cr. due to the tender excess. ❖ 25% of the excess due to tender variation shall be borne by the ULB and 75% by the State.
Action Taken: <ul style="list-style-type: none"> ❖ GO issued vide G.O.(Rt) No.1910/ 2023/ LSGD dated 26.9.2023.
Decision taken: Noted
Agenda Item No.9.10: PATHANAMTHITTA MUNICIPALITY- REVISED AS FOR THE PROJECT- AMRUT - 2.0- CITY WATER ACTION PLAN -STRENGTHENING OF WATER SUPPLY SCHEME- LAYING RAW WATER & CLEAR WATER PUMPING MAIN, CONSTRUCTION OF 10 MLD WTP, SUPPLY AND INSTALLATION OF PUMP SETS, TRANSFORMER.
9th SLTC Decision: <ul style="list-style-type: none"> ❖ After detailed deliberations, The Committee decided to recommend to the SHPSC; the revision of the Administrative Sanction of the project due to the design change -AMRUT 2.0- City Water Action Plan -Strengthening of Water Supply Scheme- Laying Raw Water & Clear Water Pumping Main, Construction of 10 MLD WTP, Supply and installation of pump sets, the transformer from Rs. 11.250 Cr. (CAPEX: Rs.10.750 and OPEX: Rs. 0.500 Cr.), to Rs. 14.42 Cr. (CAPEX: Rs. 14.34; OPEX: Rs.0.080 Cr. ❖ The additional fund requirement of Rs. 3.590 Cr. shall be met from the floating fund for the Water supply sector.

6th SHPSC Decision:

- ❖ *The Committee approved the revision of the Administrative Sanction of the project- AMRUT - 2.0- Strengthening of Water Supply Scheme- Laying Raw Water & Clear Water Pumping Main, Construction of 10 MLD WTP, Supply and installation of pump sets, the transformer from Rs. 11.250 Cr. (CAPEX: Rs.10.750 and OPEX: Rs. 0.500 Cr.), to Rs. 14.42 Cr. (CAPEX: Rs. 14.34; OPEX: Rs.0.080 Cr.*
- ❖ *The Committee accorded sanction to the additional fund requirement of Rs. 3.590 Cr. and the same may be met from the floating fund for the Water supply sector.*

Action Taken:

- ❖ **GO issued vide G.O.(Rt) No.1894/ 2023/ LSGD dated 26.9.2023.**

Decision taken: Noted

Agenda Item No. 9.11: ERATTUPETTA MUNICIPALITY- PROPOSAL SUBMITTED BY THE KERALA WATER AUTHORITY

9th SLTC Decision:

- ❖ *After reviewing the project proposals, based on the recommendation of the AMRUT, the Committee decided to recommend to the SHPSC to allocate an additional fund of Rs.11.12 Cr. from the floating fund in addition to the allocated fund of Rs.8.88 Cr. (Total- Rs.20 Cr.)*
- ❖ *KWA was instructed to recast the DPR with essential components for Zone-1 Thevarupara limiting to Rs. 20 Cr.*
- ❖ *KWA was also directed to meet the total expense for the common components under the JJM scheme.*

6th SHPSC Decision:

- ❖ *The Committee reviewed the project proposals in detail and accorded sanction to an additional fund of Rs.11.12 Cr. from the floating fund in addition to the allocated fund of Rs.8.88 Cr. (Total- Rs.20 Cr.) for the water supply scheme for Zone-1 Thevarupara utilizing the already awarded production components of JJM (Neeloor Water Supply scheme).*
- ❖ *The Committee also accorded sanction to issue the administrative sanction for the topographic survey and soil investigation works for an amount of Rs. 19.183 lakhs.*

Action Taken:

- ❖ **GO issued vide G.O.(Rt) No.1901/ 2023/ LSGD dated 26.9.2023.**

Decision taken: Noted

Agenda Item No.9.12: APPROVAL TO HIRE ADDITIONAL SPACE FOR SMMU, AMRUT

9th SLTC Decision:

The Committee decided to recommend the following to the SHPSC;

- ❖ *Permission to hire an additional 202 sqm for SMMU at the rate of Rs. 376.60 per sqm in the same building where SMMU is working.*
- ❖ *To arrange requisite modification works for the office space costing Rs.31,46,944/- (Rupees Thirty-One Lakh Forty-Six Thousand Nine Hundred and Forty-Four only), based on DSR 2018, through the Kerala State Nirmithi Kendra*

6th SHPSC Decision:

The Committee accorded sanction to the following;

- ❖ Permission to hire an additional 202 sqm for State Mission Management Unit (SMMU) at the rate of Rs. 376.60 per sqm in the same building where SMMU is working and also for an increment of 10% for every two years.
- ❖ To arrange requisite modification works for the office space including wall finishing, floor finishing, false ceiling, cabin partition, A/C, electrification, plumbing & sanitation, conference table, etc. costing Rs.31,46,944/- (Rupees Thirty-One Lakh Forty-Six Thousand Nine Hundred and Forty-Four only), based on DSR 2018.
- ❖ For carrying out the works through the accredited agency, Kerala State Nirmithy Kendra as per the prevailing norms.
- ❖ The construction work for the modification of the rented building should be carried out in a modular and portable manner, so that it can be easily relocated if the building is vacated.
- ❖ The Committee also authorized the Mission Director, AMRUT for signing the rental agreement of the building.

Action Taken:

- ❖ Government order issued vide G.O.(Rt)No.1905/2023/LSGD dated 26.9.2023.

Decision taken: Noted

Agenda Item No.9.13: RECONSTITUTION OF CONSULTANT EVALUATION COMMITTEE FOR PDMC:

9th SLTC Decision:

- ❖ The SHPSC decided to approve the reconstitution of the Consultant Selection Committee (CSC) as follows;

Mission Director, AMRUT	Chairman
Technical member, KWA	Member
Chief Engineer, LSGD	Member
Director, Suchitwa Mission	Member
Director, CMD	Member
Deputy Mission Director-1& 2, AMRUT	Member
Chief Engineer Projects KWA	Member
Dr. N.C Narayanan, IIT Mumbai	Member

6th SHPSC Decision:

- ❖ The Committee ratified the action in cancelling the original tender process of PDMC.
- ❖ The Committee took note of the revised scope of works of PDMC and the current status of the tender process.
- ❖ The Committee accorded sanction to the reconstitution of the Consultant Selection Committee (CSC).

Mission Director, AMRUT	Chairman
Technical member, KWA	Member
Chief Engineer, LSGD	Member
Director, Suchitwa Mission	Member
Director, CMD	Member
Deputy Mission Director-1 & 2, AMRUT	Member
Chief Engineer Projects KWA	Member
Dr. N.C Narayanan, IIT Mumbai	Member

Action Taken:

- ❖ GO issued vide G.O.(Rt)No.1770/2023/LSGD dated 05-09-2023.

Decision taken: Noted

Agenda Item No.9.14: MANDATORY REFORMS-SUBMISSION OF DETAILS ON THE AMRUT 2.0 PORTAL:

9th SLTC Decision:

- ❖ The SLTC accorded sanction for uploading the Government orders on property tax, User charges, and Supporting documents on the AMRUT 2.0 Portal.

6th SHPSC Decision:

- ❖ The Committee accorded sanction for uploading the Government orders on property tax, User charges, and Supporting documents on the AMRUT 2.0 Portal.

Action Taken:

- ❖ The Government Orders on user charges and property tax were uploaded on the AMRUT 2.0 Portal. The city wise details on user charges and property tax are being uploaded.

Decision taken: The Committee noted that Thiruvalla, Koothuparamba, and Kasargod ULBs did not upload the user charge and property tax details on portal. The Committee instructed the Secretaries to urgently complete the task within 2 days.

Agenda Item No.9.15: PROJECT MANAGEMENT SOFTWARE FOR AMRUT PROJECT MONITORING

9th SLTC Decision:

The Committee observed that, the proposed cost for the implementation and customization of the Project Monitoring system at AMRUT Kerala seems slightly on the higher side. Hence it was suggested to send the proposal to the Kerala Startup Mission (KSTM) for scrutiny of the proposal and finalizing the cost.

6th SHPSC Decision:

The committee accorded sanction to develop the Project Monitoring system for AMRUT and also to entrust the same with TRAVANSOFT SOLUTION at the cost agreed by the Kerala Startup Mission (KSTM).

Action Taken:

- ❖ As per the direction from Kerala Startup Mission (KSUM), an internal review meeting was held on 20.09.2023 with TRAVANSOFT SOLUTION and SemT member. Revised proposal is awaited from TRAVANSOFT SOLUTION and the same has to be approved by the KSUM Committee.

Decision taken: Noted
Additional Agenda Item No.9.16 AA1: Thiruvananthapuram Corporation- Administrative sanction for two Water Supply- Replacement Projects.
<p>9th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ <i>After detailed deliberations based on the justifications provided by the KWA, the committee decided to recommend the issuance of Administrative Sanction for the water supply projects of Thiruvananthapuram Corporation subject to the approval of the Council and by the APEX Committee;</i> 1) <i>Laying Transmission main with M.S pipe from Peroorkada to Manvila including interconnection and allied works.- Rs. 66.1 Cr.(CAPEX- Rs. 65.45 Cr. & OPEX- Rs.0.650 Cr.)</i> 2) <i>AMRUT 2.0: TWSS – Providing Water Supply Distribution Network To Chandavila & Kattayikonam under Thiruvananthapuram Rs. 30.935 Cr.(CAPEX- Rs 29.465Cr. & OPEX- Rs. 1.470 Cr.)</i>
<p>6th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ <i>The Committee accorded sanction to the cancellation of the project of Thiruvananthapuram ULB - FIFN - Laying of HDPE pipe from Aruvikara to Peroorkada and construction of 10 MLD sump at Peroorkada for Rs. 99.662Cr. (CAPEX- Rs 94.915 Cr. & OPEX- Rs. 4.747Cr.)</i> ❖ <i>The Committee accorded sanction to the following two replacement projects of Thiruvananthapuram ULB;</i> <ul style="list-style-type: none"> 1) <i>AMRUT 2.0: Laying Transmission main with M.S pipe from Peroorkada to Manvila including interconnection and allied works. - Rs. 66.1 Cr. (CAPEX- Rs. 65.45 Cr. & OPEX- Rs.0.650 Cr.)</i> 2) <i>AMRUT 2.0: TWSS – Providing Water Supply Distribution Network to Chandavila & Kattayikonam under Thiruvananthapuram- Rs. 30.935 Cr. (CAPEX- Rs 29.465Cr. & OPEX- Rs. 1.470 Cr.)</i> ❖ <i>The Committee also decided to submit the above proposals to the Apex committee for approval since it exceeds 10% of the 1st tranche of SWAP.</i>
<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ The Apex committee held on 25.9.2023 approved the replacement. Minutes of the same is awaited.
Decision taken: Noted
Additional Agenda Item No.9.16 AA2 : Thrissur Corporation- Administrative sanction for Water Supply- Replacement Project- Design, construction, and commissioning of 3 MLD WTP and 10LL OHSR at Mulayam
<p>9th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ <i>After detailed deliberation, the committee decided to recommend the cancellation of the project from AMRUT 1.0 as the work is not likely to complete the work within the stipulated time frame and directed ULB to take up new works that can be completed by March 2024 for the fund available.</i>

<ul style="list-style-type: none"> ❖ The committee also decided to issue an Administrative Sanction under AMRUT 2.0 for the water supply projects Design, construction and commissioning of 3 MLD WTP and 10LL OHSR at Mulayam for Rs. 10.18 Cr. (CAPEX-10 Cr., OPEX- Rs. 0.18 Cr.) as the replacement project. ❖ KWA was directed to ensure the technical viability, adequate source of water, justified provisions & rates, necessary clearances, 5-year Operation & Maintenance, and only admissible components are included as per AMRUT guidelines before issuing the TS. ❖ KWA was also directed to ensure the non-inclusion of Operation & Maintenance costs, Supervision charges, and Value of land/ structures required for the project development under Central Assistance. If the said components are inevitable, the cost for the same may be met from the State/ ULB/KWA fund.
<p>6th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ The Mission Director AMRUT presented the project proposals before the Committee. The committee reviewed the project proposals in detail and accorded administrative sanctions for Water Efficient Thrissur- Phase-2 (WET -2) for an amount of Rs.18.790 Cr. (CAPEX – Rs. 16.948 Cr. & OPEX – Rs.1.842 Cr.) and the 5 Water supply projects (KWA) amounting to Rs.35.61 Cr. (CAPEX – Rs. 35 Cr. & OPEX – Rs.0.61 Cr.).
<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ GO issued vide G.O.(Rt)No.1899/2023/LSGD dated 26.9.2023..
<p>Decision taken: Noted</p>

Agenda Item No.10.03: PROGRESS OF AMRUT 2.0

The total outlay of AMRUT 2.0 for 93 Urban Local Bodies in Kerala is Rs.3495 Cr. with Central Assistance of Rs.1372 Cr. The 4th Apex committee meeting had approved the 1st Tranche of the State Water Action Plan (SWAP-1) for an amount of Rs.1938.52 Cr. (CAPEX - Rs.1842.658 Cr. & OPEX - Rs.95.86 Cr.). The 6th Apex committee held on 04.01.2023 approved the 2nd Tranche of the State Water Action Plan for an amount of Rs.683.082 Cr. (CAPEX – Rs.632.658 Cr. & OPEX – Rs.50.424 Cr., inclusive of Special Tranche for Water Body Rejuvenation).

SWAP-3 Proposals for Water supply worth Rs.249.287 Cr. (CAPEX – Rs.234.356 Cr. & OPEX – Rs.14.931 Cr), 9 Sewerage projects worth Rs.344.88 Cr. (Capex: Rs.313.81 Cr. & OPEX: Rs.31.06 Cr.), 110 projects worth Rs.54.166 (Capex Rs. 51.865 Cr. And OPEX 2.301 Cr) under Rejuvenation of Water Bodies and 69 projects worth Rs.39.295 Cr. (Capex Rs.35.088Cr and OPEX Rs. 4.207 Cr.) under Parks have been included in the agenda for approval.

10.03.1. PROJECT PROGRESS(Tranches 1&2)

Sector	Total Projects	AS Issued	Sub Projects	TS issued	NIT issued	Award ed	Started
Water Supply by KWA	179	176*	257	226	216	130	63
Sewerage	26	25	42	40	40	32	19

Micro Water Supply/WS by ULB	29	13*	13	0	0	0	0
Waterbody Rejuvenation	255	229*	229	88	88	39	11
Total	489	443	541	354	344	201	93

*WB-133, WS- 14, MWSS-13- GO issued recently.

10.03.2 WATER SUPPLY- STATUS OF PENDING DPR (Tranche -1&2- 15 Nos.(KWA-1, ULB-14)

LIST OF WS DPRs NOT SUBMITTED AS ON DATE [KWA-1, ULB:14]				
Sl. No.	ULB	Project Name	CAPEX (Cr.)	STATUS
KWA projects				
1	Erattupetta	DRINKING WATER PROJECT IN ERATTUPATTA MUNICIPALITY - Zone-1 Thevarupara	20	DPR for Substituted project not submitted. GO for survey works is awaited.
WS/ Micro WSS being directly undertaken by ULBs				
2	Sreekandapuram	1) Payattuchal DWSS 2) Nediya PHC DWSS 3)MADAMPAM DWSS	8.81	There are 3 pending DPR to be completed by CWRDM. It was conveyed by CWRDM that The MWSS of Payattuchal DWSS and Madampam DWSS may not be possible to execute from CWRDM side. Moreover, the revised Nediya scheme DPR needs to be submitted with Yield testing and water quality report by CWRDM as suggested by SMMU, AMRUT The ULB has to take final decisions towards Payattuchal and Madampam MDWSS DPR preparation. Either to allot the project to another agency to prepare a DPR or to cancel it with immediate effect.
3	Wadakkancherry	1) Chathanchira Drinking Water Scheme for ward no 11,12,13 and 14. 2) Neeliara Drinking water scheme 3) pathazhakundu drinking water scheme.	16.075	SWAP approved 3 major projects for Rs. 16.075 Cr. are elaborated into 22 sub-projects initially and later prioritized to 11 number of sub projects. For the same Rs. 16.075 Cr. The CWRDM has tentatively submitted 3 DPR viz.. The submitted DPR of Kallidith chira, Anugraha and Kunju Kulam micro water supply scheme falls in the main project of "Pathazhakundu drinking water scheme. However, the council has not approved the same as the unit cost seems quite higher for the three DPR submitted and ULB also wants to complete the remaining subprojects by CWRDM at the earliest and to submit it at one go.

4	Neeleswaram	1) DRINKING WATER SUPPLY SCHEME IN PALAYI AREA. 2) DRINKING WATER SUPPLY SCHEME IN THAIKADAPPURAM AREA. 3) DRINKING WATER SUPPLY SCHEME IN IDICHUDI AREA 4) DRINKING WATER SUPPLY SCHEME IN SUVARNAVALLY AREA. 5) DRINKING WATER SUPPLY SCHEME IN NEELAYI AREA. 6) DRINKING WATER SUPPLY SCHEME IN KIZHAKKEKARA AND KADINHUKUZHAI AREA.	11.655	Out of the Seven Projects committed for DPR Preparation by CWRDM, only one DPR has been submitted with yield test and water quality report for Perole water supply scheme. The other two DPR submitted earlier viz... Survanavally and Taikadappuram has been asked to resubmit with exact yield test and water quality report etc which is a long pending due from CWRDM. The remaining 4 Number of projects has not been initiated for any DPR preparation by CWRDM. Hence, the ULB has entrusted The DPR preparation work for Idichudi, Nelloy, and Palayi, to kotoor Society NGO. Vide letter number E1-10766/21 DATED 5/8/2023. But, as of now no DPR has been submitted by the concerned agency. The water supply scheme of Kizhakakara and Kadinhikuzhi has been dropped/canceled by ULB wide letter number and date number E1-10766/21 DATED 5/8/2023
5	Kanhangad	Development for existing Vaazhunnoradi Drinking Water Scheme	5	The water quality test report provided by SEUF at Vaazhooradi Drinking water scheme is totally unfit for drinking water purposes due to High salinity. Further to which the remaining 4 sub project works are in standstill as because of problem with saline water intrusion related water quality problem. Even the agreement between ULB and SEUF organization has not been signed. Here, to provide Drinking water supply system, apt desalination technologies can be promoted which involves higher CAPEX AND OPEX cost.
6	PANUR	AMRUT 2.0-Water Supply Scheme to Kakkayapurathu Ward 25in Panoor Municipality.	0.28	Four out of five MWSS project reports submitted earlier have been approved and the Government order is issued. The aforesaid project at Kakkayapurathu scheme at ward 25 seems to be of low yielding and is requested to submit the revised proposal by finding another suitable site. But as of now no any DPR has been submitted by Kotoor Society to Panur municipality
		TOTAL	41.82	

Decision:

- ❖ *The Committee took note of the progress of AMRUT 2.0 and instructed the KWA and ULBs to take urgent steps to commence all the works for which AS was granted.*
- ❖ *Erattupetta Municipality- The SE, KWA reported that the survey and soil investigation works will be arranged within a week and the DPR will be ready by mid December.*
- ❖ *The progress of Micro Water supply schemes was discussed by the Committee and directed the ULBs- Sreekandapuram, Wadakkancherry, Neeleswaram, Kanhangad & Panur to prepare and submit the DPRs by 31st October 2023. The Committee warned that the funds will be transferred to other ULBs if they fail to do so.*

**Agenda Item No.10.04: APPROVAL OF STATE WATER ACTION PLAN-
TRANCHE III - SWAP-3 PROPOSALS – WATER
SUPPLY SECTOR:**

As per the AMRUT 2.0 guidelines, SWAPs are to be submitted on portal to Apex committee in three tranches.

- First tranche – 5-9 months (**March 2022- August 2022**)
- Second tranche – 12 to 16 Months (**October 2022 – February 2023**)
- Third Tranche – 24 Months (**October 2023**)

The 4th Apex committee meeting approved the 1st Tranche of the State Water Action Plan (SWAP-1) for an amount of Rs.1938.52 Cr. (CAPEX - Rs.1842.658 Cr. & OPEX - Rs.95.86 Cr.). The 6th Apex committee held on 04.01.2023 approved the 2nd Tranche of the State Water Action Plan for an amount of Rs.683.082 Cr. (CAPEX – Rs.632.658 Cr. & OPEX – Rs.50.424 Cr.

Under AMRUT-2.0, Rs.1813.10 Cr. is allocated for the Water Supply Sector of 93 ULBs. Projects worth Rs.1909.42 Cr, was approved under SWAP-1 & 2 (SWAP-1: Rs.1738.02 Cr. and SWAP-2: Rs.171.388 Cr.). 30 proposals (SWAP-3), worth Rs. 234.356 Cr. (Capex), received from 16 ULBs are placed in this SLTC for approval. The total Central Assistance comes to Rs. 97.07 Cr. The State share and ULB shares are Rs. 88.85 Cr and Rs.63.37 Cr respectively.

Major Components proposed:

- **24X7 WSS- Kollam, Thiruvananthapuram, Thrissur and Alappuzha**
- **Source Augmentation –2.8 MLD**
- **Micro Water supply scheme in Valancherry**
- **Construction of 4 New Storage tanks.(Kottarakkara-2, Nilambur-1, Valancherry-1)**
- **Transmission Network & Pumping mains-23 KM**
- **New distribution network- 150.57 KM**
- **Replacement of existing lines-134.28 KM**
- **Total New connections (FHTCs) – 24,533**
- **Existing Connections served in – 72,105**
- **Total households benefited – 96,638**

The Unit cost of all the projects except Kollam 24X7 proposal (Unit cost- 54707/-) falling Below Rs.50000/Households.

Kollam ULB has an allocated fund of Rs. 227.13 Cr. (including floating incentive from SEW fund- Rs.107.13 Cr.). Total funds have been utilized under SWAP 1&2 for 10 WS projects. Hence the requested fund of Rs. 12.40 Cr. for 24X7 WS may be utilized from the remaining fund for Sewerage works for Kollam (Rs. 29.57 Cr.).

Decision:

The Committee discussed in detail the 30 water supply proposals from the ULBs and took following decisions;

- ❖ *The Committee asked for a re-assessment of the Micro water supply scheme from Valanchery ULB as the technical details provided is not satisfactory.*
- ❖ *The Committee deferred the proposals that lacked council approvals. The 24X7 water supply proposal from Thiruvananthapuram was put on hold until the Council resolution was submitted.*

- ❖ *The Committee emphasized the need for ensuring the land availability for the Water supply projects with structures, which require land for construction. The water supply proposal from Nilambur ULB was deferred due to the non-receipt of the confirmation on land availability from the Secretary.*
- ❖ *The SLTC approved the State Water Action Plan – Water supply 3rd tranche for 27 proposals for a total of Rs. 214.202 Cr. (CAPEX – Rs.201.552 Cr. & OPEX – Rs.12.650 Cr.) including 24X7 WS proposals from Kollam and Alappuzha and recommended it to SHPSC for submission to the APEX committee for approval. (List of approved projects is enclosed as Annexure-1).*
- ❖ *The additional fund requirement for Kollam ULB for an amount of Rs. 12.40 Cr. shall be met from the fund kept for Sewerage projects for Kollam.*

Agenda Item No.10.05: APPROVAL OF STATE WATER ACTION PLAN-TRANCHE III- SWAP-3 PROPOSALS – SEWERAGE & SEPTAGE SECTOR:

Under AMRUT-2.0, Rs.902.17 Cr. is allocated for the Sewerage & Septage Sector of 9 AMRUT Cities. Projects worth Rs.489.63 Cr, were approved under SWAP-1 & 2 ((SWAP-1: Rs.104.63 Cr. and SWAP-2: Rs.385.00 Cr.). Nine proposals (CWAP-3), worth Rs.313.81 Cr. (Capex), received from Alappuzha Municipality, Kochi Corporation, Thrissur Corporation, Palakkad Municipality and Kozhikode Corporation are placed in this SLTC for approval. Abstract details of these proposals are as shown below.

SWAP-3 Proposals:

Sl. No.	ULB	Name of Work	Implementing Agency	Amount as per CWAP			Land Available (Yes / No)	Council Approval (Yes / No)	Evaluation of KWA HQ	Total HH Benefitted (No.)	Cost per HH Benefitted (₹ Cr.)
				Capex (₹ Cr.)	O&M (₹ Cr.)	Total Cost (₹ Cr.)					
1	Alappuzha	Sewerage scheme in Alappuzha Municipality with STP (Phase-1)	KWA	64.85	3.15	68.00	Yes	Yes	Feasible	13148	49323
2	Kochi	Construction of 1 MLD Faecal Sludge Treatment Plant for Kochi Municipal Corporation at Brahmapuram	ULB	30.50	0.50	31.00	Yes	Yes		673511	453
3	Kochi	Construction of Sewage treatment plant of capacity 105 KLD for RAY Flat, Fort Kochi	ULB	1.13	0.45	1.58	Yes	Yes		199	56985
4	Thrissur	Sewerage Scheme for Thrissur Corporation Poomkunnam - Kottapuram area	KWA	44.86	3.82	48.68	Yes	Yes	Feasible	25460	17620
5	Palakkad	30 KLD STP for Palakkad Municipal Complex	ULB	0.40	0.03	0.43	Yes	Yes		1	4000000
6	Kozhikode	Construction of 6 MLD STP at Zone-A Package-B	ULB	31.00	0.39	31.39	Yes	Yes		3566	86932
7	Kozhikode	50 Km Associated Network at Zone-A for 6 MLD STP	ULB	51.19	11.14	62.33	Yes	Yes		3566	143550
8	Kozhikode	Construction of 7 MLD STP at Zone-A Package-A	ULB	39.00	0.45	39.45	Yes	Yes		2454	158924
9	Kozhikode	48 Km Associated Network at Zone-A for 7 MLD STP	ULB	50.88	11.14	62.02	Yes	Yes		2454	207335
				313.81	31.06	344.88					

The fund allocated to Kochi Corporation under the Sewerage & Septage Sector is Rs.189.86 Cr. and they have an unused floating fund of Rs.21.15 Cr. (floating fund allocated - Rs.68.79 Cr). Thus, the total fund available for Kochi Corporation is Rs.211.01 Cr., whereas the total amount required for the ULB as per the proposals submitted so far is Rs.216.63 Cr. (Capex). The excess amount required for the ULB is Rs.5.62 Cr.

SWAP Inclusive of Proposals Placed in This SLTC:

Sl. No.	ULB	Implementing Agency	Fund Allocation (₹ Cr.)	Floating Fund (₹ Cr.)	Approved in TRANCHE-1		Approved in TRANCHE-2		TRANCHE-3 (10th SLTC)		TOTAL SWAP (Including 10th SLTC)			
					Estimated CAPEX Cost (₹ Cr.)	Number of Projects (No.)	Estimated CAPEX Cost (₹ Cr.)	Number of Projects (No.)	Estimated CAPEX Cost (₹ Cr.)	Number of Projects (No.)	Estimated CAPEX Cost (₹ Cr.)	Number of Projects (No.)	Balance Amount (₹ Cr.)	
1	Thiruvananthapuram	KWA	111.39		104.63	23					104.63	23	6.76	
2	Kollam	KWA	69.57				40.00	1			40.00	1	29.57	
3	Kochi	KWA	189.86	21.15			185.00	1	31.63	2	216.63	3	-5.62	
4	Kozhikode	KWA & ULB	163.54	139.03			160.00	1	172.07	4	332.07	5	-29.50	
5	Alappuzha	KWA	67.95						64.85	1	64.85	1	3.10	
6	Kannur	KWA	124.93								0.00		124.93	
7	Palakkad	ULB	46.59						0.40	1	0.40	1	46.19	
8	Thrissur	KWA	103.19						44.86	1	44.86	1	58.33	
9	Guruvayoor	KWA & ULB	25.15								0.00		25.15	
902.17					160.18	104.63	23	385.00	3	313.81	9	803.44	35	258.91

The fund allocated to Kozhikode Corporation under the Sewerage & Septage Sector is Rs.163.54 Cr. and they have an unused floating fund of Rs.139.03 Cr. (floating fund allocated - Rs.139.03 Cr). Thus, the total fund available for Kozhikode Corporation is Rs.302.57 Cr., whereas the total amount required for the ULB as per the proposals submitted so far is Rs.332.07 Cr. (Capex). The excess amount required for the ULB is Rs.29.50 Cr.

Major amounts (please refer the table shown below) are available with Kannur Corporation (Rs.124.93), Thrissur Corporation (Rs.58.33 Cr.), Palakkad Municipality (Rs.46.19 Cr.), Kollam Corporation (Rs.29.57 Cr.) and Guruvayur Municipality (Rs.25.15 Cr.). All these ULBs, except Palakkad Municipality have plans to take up projects to utilize the available amounts.

Decision:

The Committee recommended the following to the SHPSC:

- ❖ **Approval of 8 SWAP-3 projects worth Rs.344.45 Cr. (Capex: Rs.313.42 Cr. & Opex: Rs.31.04 Cr.)**
 - *Alappuzha Municipality – 1 no. – Rs.68.00 Cr. (Capex: Rs.64.85 Cr. & Opex: Rs.3.15 Cr.)*
 - *Kochi Corporation – 2 nos. – Rs.32.58 Cr. (Capex: Rs.31.63 Cr. & Opex: Rs.0.95 Cr.)*
 - *Thrissur Corporation – 1 no. – Rs.48.68 Cr. (Capex: Rs.44.86 Cr. & Opex: Rs.3.82 Cr.)*
 - *Kozhikode Corporation – 4 nos. – Rs.195.19 Cr. (Capex: Rs.172.07 Cr. & Opex: Rs.23.12 Cr.)*
- ❖ **The excess amounts required for Kochi Corporation (Rs.5.62 Cr.) shall be met from the unused fund of Palakkad Municipality (Rs.46.19 Cr.). Accordingly, the fund allotment for Palakkad Municipality shall be reduced and the same for Kochi Corporation shall be increased.**
- ❖ **The excess amounts required for Kozhikode Corporation (Rs.29.50 Cr.), shall be borne by the ULB as the ULB could not execute the work under AMRUT-1.0 and had to transfer the works to AMRUT-2.0**
- ❖ **The proposal for 30 KLD STP for Palakkad Municipal Complex is deferred. The proposal shall be reworked by the ULB for including the District Hospital as well as a reuse plan for the effluent.**

**Agenda Item No. 10.06: APPROVAL OF STATE WATER ACTION PLAN-
TRANCHE III- SWAP-3 PROPOSALS -
REJUVENATION OF WATER BODIES AND
DEVELOPING GREEN SPACES AND PARKS
PROJECTS.**

Rejuvenation of water bodies is a significant component under the Mission and 4% of central project funds are allocated for the purpose along with 1% of funds for development of green spaces & parks.

The total outlay of AMRUT 2.0 for 93 Urban Local Bodies in Kerala is calculated as Rs.3495 Cr. with Central Assistance of Rs.1372 Cr.5% of the total fund is allocated for the purpose of Rejuvenation of Water Bodies and Developing Green Spaces and Parks Projects. (Rs.68.6 Cr.).

255 projects for the rejuvenation of Water Bodies worth Rs.82.354 Cr. (CA- Rs. 34.02 Cr.) under Tranche 2 were submitted and the 6th Apex committee held on 04.01.2023 approved the same.

110 projects worth Rs. 54.166(Capex Rs.51.86 Cr. & O & M Rs. 2.301 Cr) under Rejuvenation of Water Bodies have been by submitted on CWAP portal by 35 ULBs under Tranche 3. The total Central Assistance comes to Rs. 20.285 Cr. The State share and ULB shares are Rs. 18.649 Cr and Rs.15.220 Cr respectively.

69 projects worth Rs.39.295 Cr (Capex Rs 35.088 Cr and O& M 4.207 Cr) under Parks have been submitted on CWAP portal by 58 ULBs. The total Central Assistance comes to Rs. 15.812 Cr. The State share and ULB shares are Rs. 13.348 Cr and Rs.10.104 Cr respectively.

Deliberations:

The Chair carefully analyzed the projects. It was noted that some ponds' areas were too small and their projected estimated costs were excessive. The committee therefore directed the Director of AMRUT to conduct a re-evaluation of the projects that cost more than fifty lakhs and submit the findings to the SHPSC.

Evaluation by SMMU:

1. Waterbody Rejuvenation.

As directed, 39 proposals costing more than 50 lakhs have been scrutinized. All proposals except Lions Parks at Kozhikode have been verified and corrected. In the case of Lions Park Kozhikode Corporation, it was suggested for a detailed presentation by the ULB before issuing the Administrative Sanctions.

111 projects for Water body rejuvenation worth Rs. 52.635 Cr(Capex Rs.50.43Cr, O & M Rs. 2.206 Cr) including a new proposal from Thiruvananthapuram Corporation was recommended for approval.The total Central Assistance comes to Rs. 19.827 Cr. The State share and ULB shares are Rs.18.028 Cr and Rs.14.77 Cr respectively.

2. Developing Green Spaces and parks

The proposals cover various aspects such as play equipment, an open gym, land development, etc. All the 69 proposals for parks have been scrutinized and the project cost of 5 parks was revised. A new park project in Thrissur was included instead of the one that was proposed in a low lying land.

69 proposals worth Rs.38.495 Cr (Capex Rs 34.37 Cr. and O& M 4.125 Cr). The total Central Assistance comes to Rs. 15.478 Cr. The State share and ULB shares are Rs. 13.055 Cr and Rs.9.930 Cr respectively.

Decision:

The recommended proposals were subsequently discussed in detail by the Committee and decided as follows.

The Committee recommended the Tranche 3 of State Water Action Plan to the SHPSC for submitting before the APEX committee for approval;

- ❖ 111 project proposals for Rejuvenation of Water Body submitted by 35 ULBs for an amount of Rs.52.635 Cr (Capex Rs. 50.429Cr. And O & M 2.206 Cr). (*List of Water Body projects is enclosed as Annexure-2*)
- ❖ 69 project proposals for Parks and Green spaces submitted by 58 ULBs for an amount of Rs.38.495 Cr. (Capex Rs.34.37Cr and O & M Rs. 4.125 Cr.) to the SHPSC for submitting before the APEX committee for approval. (*List of Parks and Green spaces projects is enclosed as Annexure-3*)

Agenda Item No.10.07: ADMINISTRATIVE SANCTION FOR 5 WATER SUPPLY PROJECTS (KWA) APPROVED UNDER 1st and 2nd TRANCHES OF SWAP

As of now, the administrative sanction for 162 WS projects amounting to Rs.1400.863 Cr. (CAPEX) was accorded and Government orders were also issued for the same. The 6th SHPSC accorded Administration Sanction for 14 WS projects amounting to CAPEX – Rs. 318.693 Cr. and awaiting Government orders.

Now 4 ULBs (Thiruvalla, Trippunithura, Thrissur & Kattappana) have submitted 5 WS projects amounting to Rs.8.1192 Cr. (CAPEX – Rs. 7.4492 Cr. & OPEX – Rs.0.67 Cr.) from the remaining approved fund in SWAP 1&2 ;

Major Components proposed:

- New distribution network- 4.6 KM
- Transmission network – 6.50 KM
- Total New connections (FHTCs) – 150
- Existing Connections served in – 33,046
- Total households benefited – 33,196

The Unit cost of all the projects falling Below Rs.50000/Households.

Thrissur ULB:

The approval of the project, "*Providing Additional Infrastructure for Laying 800 mm dia DI K9 Pipeline,*" for an amount of Rs.1.005 crore (CAPEX: Rs. 1.00 crore and OPEX: Rs. 0.005 crore), was kept on hold by the 9th SLTC meeting for want of proper documents. Thrissur ULB was directed to provide the rationale for the requirement of a new bridge and the condition of the existing bridge, with photographs explaining the same.

Thrissur ULB has reported that the “The existing bridge at Manjakunnu across Manalipuzha, which was built 50 years ago, is in a poor state of repair. It was designed to carry a 700 mm primo pipe, but the new

project requires an 800 mm DI pipe. The current bridge pillars have cracks and weak foundations. Therefore, a new bridge with five pillars and a length of 70 m is proposed to replace the old one.

SI No.	ULB(Approved SWAP details)	Name of the Project	Amount as Per DPR			Major Components as per DPR	Land availability	Cost per HH Benefitted (₹) [CAPEX *1000000 /HH)	Increase in LPCD
			Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)				
1	THIRUVALLA (M) SWAP 1 Capex (Cr.) - O&M (Cr.) - Total Cost -	AMRUT 2.0 - PROVIDING ADDITIONAL PUMP AT THIRUVALLA PUMP HOUSE FOR PUMPING ADDITIONAL WATER TO KOMBADI TANK AND PROVIDING CHLORINATORS	0.2092	0.005	0.2142	1) Existing Connections served-11696 2) HH benefitted-11696 3)pump at thiruvalla pumphouse 4) Clorinator to the sump	YES	178.86	NO
2	Trippunithura SWAP 1 Capex (Cr.) - O&M (Cr.) - Total Cost -	AMRUT 2.0 -WSS TO TRIPUNITHURA MUNICIPALITY	0.20	0.01	0.21	1) FHTC -0 2) Existing Connections served-200 3) HH benefitted-200 4) Distribution Network- 1.7 KM 5) Road restoration	YES	10000.00	31 LPCD
3	THRISSUR SWAP 1 Replacement project-8	AMRUT 2.0- Pullekkunnu to Kadavaram Pumping main-AMRUT-2.0- Thrissur Corporation-Water Supply Scheme- - Providing 200mm DI and 250mm DI pumping main from Pullekkunnu to Kadavaram - Work-II- Pipeline Work-	5.0	0.5	5.5	1) Existing Connections served-3000 2) HH benefitted-3000 3) Supplying 250mm DI pumping Main- -4.5 KM 4) 200 MM DI pumping main- 2 KM 5) Construction of Anchor blocks, 6) Construction of Valve chamber, 7) PWD Road restoration- 1.29 Cr.	YES	16666.67	30LPCD
4	THRISSUR SWAP 1 Replacement project-7	AMRUT 2.0- Providing Additional Infrastructure for Laying 800 mm dia DI K9 Pipeline	1.0	0.0	1.0	River crossing bridge for pipe	YES	555.56	NO
5	KATTAPANNA SWAP 2 Capex (Cr.) - O&M (Cr.) - Total Cost -	AMRUT 2.0 UWSS to kattappana municipality pipe laying work for kattappana municipality from nariyampara to idukkikavala	1.04	0.15	1.19	1) FHTC- 150 2) Existing Connections served- 150 3) HH benefitted- 300 4) Distribution pipeline-2.9 KM 5) valve chamber 6) Road restoration	YES	34666.67	30 LPCD
TOTAL			7.4492	0.67	8.1192				

Decision:

- ❖ *The committee discussed the proposals in detail and recommended issuing AS to the SHPSC for 5 WS projects amounting to Rs.8.1192 Cr. (CAPEX – Rs. 7.4492 Cr. & OPEX – Rs.0.67 Cr.).*
- ❖ *The Committee directed the KWA to ensure the following before issuing the TS:*
 - *The necessary clearances from the relevant authorities are obtained.*
 - *The project includes a 5-year Operation & Maintenance plan and only admissible components as per AMRUT guidelines.*
 - *The Central Assistance for urban development projects should not cover the costs of Operation & Maintenance, Supervision charges, or the Value of land/ structures required for the project development. These costs should be borne by the State/ ULB fund if they are unavoidable.*

Agenda Item No:10.08 ADMINISTRATIVE SANCTION FOR MICRO WATER SUPPLY PROJECTS TO BE EXECUTED BY ULB'S OF NILESWARAM (Kasargod) AND SHREEKANDAPURAM (Kannur). ULB.

Nileswaram Municipality: (PEROLE MWSS)

Nileswaram Municipality has submitted 1 DPR for the benefit of culmination of households from 3 wards viz...12 (Poovalakai) 13 (Kunjipulikkal), and 15 ward (Perole). The source is an existing open well which needs to be renovated and rehabilitated. The yield capacity of the well is worked out to be 53 m³/day (53000/-litre/day). However, state groundwater department has suggested a safe yield criterion of 27000 lit/day. The design storage has been worked out to be 10,000 lit capacity tank. The CAPEX cost worked out is Rs. 59,54,748.33 and the OPEX cost worked out is 1,40,993.966. The unit cost has been worked out by considering the CAPEX cost alone is “Rs.54,134”/Household.

Major components proposed:

Micro water supply schemes in Nileswaram Municipality (Source: Existing open well to be renovated and rehabilitated)

Source augmentation:

- Construction / renovation of Existing intake well and pump house needs to be developed.
- New distribution Network: 3541 MTS/ 3.54kms
- Total Households benefitted: 110 HH.

ShreeKandaPuram Municipality: (NEDIYANGA SWARNADHARA MWSS)

Shreekandapuram Municipality has submitted 1 DPR for the benefit of culmination of 3 wards viz...28 (Nediyenga), 29 (Peruvanji) and a very small portion of ward 30 (Nediyenga Kavala). The source shall be a new open well. The yield capacity of the well is worked out to be of “90 m³/day /90,000 litres/day” with the proposed pumping rate of 18000 litre/hr for 2.5 hrs duration at an interval of 8 hrs as suggested by state Groundwater Department. The CAPEX cost worked out is Rs. 9196809.927 and the OPEX cost worked out is Rs. 270864.1985 The unit cost has been worked out by considering the CAPEX cost alone is “Rs. 24524.82” /Household.

Major components proposed:

Micro water supply schemes in Shreekandapuram Municipality (Source: new open well with pump house with installation of 15Hp pump, distributary system pressure filters and to mention that a storage tank which already exists of 50,000lit capacity needs to be renovated.

Source augmentation:

- Construction of a new intake well and pump house needs to be developed.
- New distribution Network: 7192 mts /7.192 kms
- Total Household benefitted: 375 HH.
- Storage tank of 50,000 lit capacity already exists and the same has to be renovated.

Sl No.	ULB (Approved SWAP details)	Name of the Project	Amount as Per DPR			Major Components as per DPR
			Capex (cr.)	O&M (cr.)	Total Cost (cr)	
1	Nileshwaram SWAPI Capex (Cr.) – 1.0 O&M (Cr.) –0.1 Total Cost – 1.10	AMRUT 2.0- Ward:-12, 13, 15 Perole Drinking Water Project	0.595	0.014	0.6095	1)New intake well and pump house. 2)pumping system. 3)service reservoir. -10,000LIT 4) distribution network- 3.54 KM 5) New connections served is- 110HH
2	Shreekandapuram SWAPI Capex (Cr.) – 2.0 O&M (Cr.) – 0.20 Total Cost – 2.20	AMRUT 2.0. Nediyanga Swarnadhara Drinking Water Project	0.919	0.027	0.9467	1)New intake well and pump house. 2)pumping system. 3)service reservoir. -50000LIT 4) Distribution network-7.19 KM 5) New connections served is- 375HH
	TOTAL		1.514	0.041	1.555	

Decision:

The Committee recommended the following to the SHPSC:

- ❖ *Issuance of Administrative Sanction for the above detailed 2 Micro water supply projects amounting to 1.555 cr.(CAPEX-1.514 Cr. OPEX- 0.041 Cr.). The need and necessity for provisioning of safe and potable drinking water supply to the Perole ward Nileswaram is highly justifiable, even as the unit cost is slightly on the higher side but are reasonable as no other judicious sources of drinking water supply exists. Moreover, the proposed drinking water supply project for Nediyanga Swarnadhara scheme of Sreekandapuram is very much justified and in accordance with AMRUT guidelines.*
- ❖ *The TS shall be issued by the concerned only after meeting the following conditions:*
- ❖ *The project is technically feasible and has a reliable water source.*
- ❖ *The necessary clearances from the relevant authorities are obtained.*
- ❖ *The project includes a 5-year Operation & Maintenance plan and only admissible components as per AMRUT guidelines.*
- ❖ *The Central Assistance for urban development projects should not cover the costs of Operation & Maintenance, Supervision charges, or the Value of land/ structures required for the project development. These costs should be borne by the State/ ULB fund if they are unavoidable.*

Agenda Item No.10.09: ADMINISTRATIVE SANCTION OF REJUVENATION OF WATERBODY PROJECTS APPROVED UNDER SWAP-2:

Rejuvenation of water bodies is a significant component of the Mission and 4% of central project funds are allocated for the purpose along with 1% of funds for the development of green spaces & parks for maximum Central Assistance of 68.60 Crore. A special SWAP of 255 projects for the rejuvenation of Water Bodies worth Rs.82.354 Cr. (CA- Rs. 34.02 Cr.) was submitted and the 6th Apex committee held on 04.01.2023 approved the same.

AS was already issued for 96 Rejuvenation of Water Body projects amounting to Rs.22.654 Cr. (CAPEX – Rs.21.065 Cr. & OPEX - Rs.1.589 Cr.) The 6th SHPSC accorded Administration Sanction for 133 Rejuvenation of Water Body projects amounting to Rs.46.66 Cr. (CAPEX – Rs. 43.606Cr. & OPEX - Rs.3.054 Cr.) and awaiting Government orders.

Panoor Municipality has now submitted a Rejuvenation of Water Body project proposal amounting to Rs. 0.41 crore (CAPEX: Rs. 0.4 crore and OPEX: Rs. 0.01 crore) for the issuance of the Administration Sanction.

ULB	Name of the work	Amount as Per DPR			Major Components as per DPR
		Capex (Cr.)	O&M (Cr.)	Total Cost	
PANOOR CAPEX (Cr.)=0.4 O&M (Cr.)=0.01 TOTAL COST (Cr.)=0.41 CA- Rs 0.20 Cr	AMRUT2.O REJUVENATION OF KOYAPPAL POND	0.4	0.01	0.41	Area-15.0 cent 1) Side protection works using DR masonry all around the pond, 2) desilting of the pond, 3) fixing hand railing.

Decision:

The committee reviewed the proposal and recommend the following to the SHPSC:

- ❖ *Issuance of Administrative Sanction for the Rejuvenation of Water Body proposal “Rejuvenation of Koyappal Pond” of Panoor Municipality amounting to Rs.0.41Cr. (CAPEX –0.40 Rs. Cr. & OPEX – 0.01Rs. Cr.)*
- ❖ *The over and above the SAAP amount shall be borne by the ULBs*
- ❖ *The projects should ensure that the benefits of water body conservation and rejuvenation, including temple pond rejuvenation, reach the public and improve their quality of life. A certificate in this regard shall be provided by the ULB.*
- ❖ *The projects should display an AMRUT project information board on the side of the ponds with details of funding, implementing agency, timeline, etc.*

Agenda Item No.10.10 : CANCELLATION OF WATERBODY REJUVENATION PROJECTS APPROVED UNDER THE 2nd TRANCHE OF SWAP AND REPLACEMENT WITH NEW PROJECTS:

255 projects for the Rejuvenation of Waterbodies worth Rs.82.354 Cr. (CA- Rs. 34.02 Cr.) were approved by the 6th Apex committee held on 04.01.2023.

Now, 13 ULBs have requested the cancellation of 23 projects worth Rs.10.966Cr (Capex) which cannot be implemented due to various reasons. These projects can be replaced with 19 new Waterbody Rejuvenation proposals of 7 ULBs worth Rs. 10.961 Cr.

DETAILS OF CANCELLATION PROPOSAL OF WATERBODY REJUVENATION PROJECTS

Sl No.	ULB	Name of the work	State Share (Cr)	ULB share (Cr)	Central Assistance (Cr)
1	KOLLAM CAPEX (CR.)=5 O&M (CR.)=0.25 TOTAL COST (CR.)=5.25 CA-1.6665	Rejuvenation of Ashtamudi Lake, Near KSRTC bus station, Kollam	1.6665	1.917	1.6665
2	KOLLAM CAPEX (CR.)=0.04 O&M (CR.)=0.002 TOTAL COST (CR.)=0.042 CA-0.013	AMRUT 2.0 REJUVENATION OF MUNNANIKULAM – DIVISION – 29 – AYATHIL”	0.013	0.0156	0.0134
3	KARUNAGAPALLY CAPEX (CR.)= 0.15 O&M (CR.)= 0.015 TOTAL COST (CR.)= 0.165 CA-.075	Rejuvenation of padanayarkulangara pond in div 14 of Karunagappally Municipality	0.05625	0.0338	0.075
4	KARUNAGAPALLY CAPEX (CR.)= 0.1 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.11 CA-.05	Rejuvenation of Vattathara pond in div 2 karunagappally Municipality	0.0375	0.0225	0.05
5	KARUNAGAPALLY CAPEX (CR.)= 0.12 O&M (CR.)= 0.012 TOTAL COST (CR.)= 0.132 CA-0.06	Rejuvenation of Nadiyavila pond in div 27 karunagappally Municipality	0.045	0.027	0.06
6	ERATTUPETTA CAPEX (CR.)= 0.25 O&M (CR.)= 0.015 TOTAL COST (CR.)= 0.265 CA-0.125	Nadakkal Pond Rejuvenation In Erattupetta Municipality	0.09375	0.0463	0.125

Sl No.	ULB	Name of the work	State Share (Cr)	ULB share (Cr)	Central Assistance (Cr)
7	ELOOR CAPEX (CR.)= 0.05 O&M (CR.)= 0.025 TOTAL COST (CR.)= 0.075 CA-0.025	Rejuvenation of Pattupurakkal Temple pond in ward no: 4 of Eloor Municipality	0.01875	0.0313	0.025
8	ELOOR CAPEX (CR.)= 0.1 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.11 CA-0.05	Rejuvenation and renovation of Naranath Temple pond in ward no: 6 of Eloor Municipality	0.0375	0.0225	0.05
9	ELOOR CAPEX (CR.)= 0.6 O&M (CR.)= 0.03 TOTAL COST (CR.)= 0.63 CA-0.30	Rejuvenation of Parakkulam in Ward No. 6 of Eloor Municipality	0.225	0.105	0.3
10	KASARAGOD CAPEX (CR.)= 0.25 O&M (CR.)= 0 TOTAL COST (CR.)= 0.25 CA-0.125	Rejuvenation of Ameythodu	0.09375	0.0313	0.125
11	KASARAGOD CAPEX (CR.)= 0.20 O&M (CR.)= 0 TOTAL COST (CR.)= 0.20 CA-0.10	Rejuvenation of Koppal Thodu	0.075	0.025	0.1
12	THALASSERY CAPEX (CR.)= 0.65 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.66 CA 0.325	Rejuvenation of Kottaram Valappu Kulam	0.24375	0.0913	0.325
13	KANHANGAD CAPEX (CR.)= 0.5 O&M (CR.)= 0.02 TOTAL COST (CR.)= 0.52 CA-0.25	Rejuvenation of Thamarakulam	0.1875	0.0825	0.25
14	PONNANI CAPEX (CR.)= 0.99 O&M (CR.)= 0.01 TOTAL COST (CR.)= 1 CA-0.495	Ponnani Municipality- Manikulam Ward 13- Rejuvenation	0.37125	0.1338	0.495
15	NILAMBUR CAPEX (CR.)= 0.15 O&M (CR.)= 0.015 TOTAL COST (CR.)= 0.165 CA0.075	Rejuvenation of Mutheeri pond	0.05625	0.0338	0.075

Sl No.	ULB	Name of the work	State Share (Cr)	ULB share (Cr)	Central Assistance (Cr)
16	MARADU CAPEX (CR.)= 0.03 O&M (CR.)= 0.003 TOTAL COST (CR.)= 0.033 CA 0.015	Maradu Municipality-Ayinni thodu Rejuvenation	0.01125	0.0068	0.015
17	PERINTHALMANNA CAPEX (CR.)= 0.1 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.11	Perinthalmanna municipality - Kollengode nadupadam kulam rejuvenation	0.0375	0.0225	0.05
18	MANJERI CAPEX (CR.)= 0.5 O&M (CR.)= 0.05 TOTAL COST (CR.)= 0.55 CA 0.25	Improvements works to Chakkumkulam in ward 14 at Manjeri Municipality	0.1875	0.1125	0.25
19	IRITTY CAPEX (CR.)= 0.25 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.26	Kooloth ambalam kulam renovation	0.09375	0.0413	0.125
20	IRITTY CAPEX (CR.)= 0.3 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.31 CA 0.15	Kannothe karinga kund kulam renovation	0.1119	0.0475	0.15
21	TALIPARAMB CAPEX (CR.)= 0.04 O&M (CR.)= 0 TOTAL COST (CR.)= 0.04 CA 0.02	Rejuvenation of Kundamkuzhi juma mazjids pond	0.0049	0.015	0.02
22	TALIPARAMB CAPEX (CR.)= 0.04 O&M (CR.)= 0 TOTAL COST (CR.)= 0.04 CA 0.02	Rejuvenation of Thaliparamba Juma mazjids Pond	0.0049	0.0151	0.02
23	TALIPARAMB CAPEX (CR.)= 0.05 O&M (CR.)= 0 TOTAL COST (CR.)= 0.05 CA 0.025	Rejuvenation of Puthiyedath kavu temple pond.	0.006	0.0187	0.025

DETAILS OF REPLACEMENT PROPOSAL OF WATERBODY REJUVENATION PROJECTS (Modified list)

Sl No.	ULB	Name of the work	State share (Cr)	ULB share (Cr)	Central Assistance (Cr)
1	ALAPPUZHA(M) CAPEX (CR.)=0.25 O&M (CR.)=0.01 TOTAL COST (Cr)=0.26	Amrut 2.0-Alappuzha municipality-Water Body Rejuvenation-Rejuvenation of Alisserry Temple pond	0.127	0.05	0.0833
2	ALAPPUZHA(M) CAPEX (CR.)=0.325 O&M (CR.)=0.025 TOTAL COST (CR.)=0.35	AMRUT 2.0 -Alappuzha Municipality- Waterbody Rejuvenation- Rejuvenation of Pathiyamkulangara Temple Pond in Eravukad ward (Area-17 cents)	0.1629	0.079	0.108
3	ALUVA CAPEX (CR.)=0.12078 O&M (CR.)=0.0024 TOTAL COST (CR.)=0.1232	AMRUT 2.0 - 2022-2023-Rejuvenation of Mettukadavu in Aluva Municipality.	0.045	0.0175	0.0604
4	KOCHI CAPEX (CR.)=1 O&M (CR.)=0.005 TOTAL COST (CR.)=1.005	Rejuvenation of wells in various division of Kochi Muncipal Corporation	0.3329	0.3383	0.333
5	KOCHI CAPEX (CR.)=3.5 O&M (CR.)=0.1 TOTAL COST (CR.)=3.6	Rejuvenation of Chilavanoor Kayal in Division 54	1.167	1.266	1.167
6	KOLLAM CAPEX (CR.)=0.4 O&M (CR.)=0.02 TOTAL COST (CR.)=0.42	REJUVENATION OF MUNNANI KULAM AND DEVELOPMENT OF A PARK ADJACENT TO THE POND	0.133	0.1533	0.133
7	KOLLAM CAPEX (CR.)=0.574 O&M (CR.)=0.0287 TOTAL COST (CR.)=0.6027	REJUVENATION OF THAMARAKULAM AT DIV 46 THAMARAKULAM	0.192	0.22	0.191
8	KOLLAM CAPEX (CR.)=0.76262 O&M (CR.)=0.03813 TOTAL COST (CR.)=0.80075	REJUVENATION OF CHIRAYILKULAM AT DIV 20 MANGAD	0.254	0.2923	0.254
9	KOLLAM CAPEX (CR.)=0.11769 O&M (CR.)=0.0062 TOTAL COST (CR.)=0.12389	REJUVENATION OF VILAYILKULAM AT DIV 03 MEENATHUCHERY	0.0389	0.0455	0.039

Sl No.	ULB	Name of the work	State share (Cr)	ULB share (Cr)	Central Assistance (Cr)
10	KOLLAM CAPEX (CR.)=0.02804 O&M (CR.)=0.0014 TOTAL COST (CR.)=0.02944	REJUVENATION OF FATHIMAKULAM AT DIV 22 CHATHINAKULAM	0.009	0.0107	0.009
11	KOLLAM CAPEX (CR.)=0.97964 O&M (CR.)=0.04898 TOTAL COST (CR.)=1.02862	REJUVENATION OF KACHERIKULAM AT DIV 12 THEVALLY(Area -1.29 Acre)	0.3269	0.3755	0.327
12	KOLLAM CAPEX (CR.)=0.04856 O&M (CR.)=0.00242 TOTAL COST (CR.)=0.05098	REJUVENATION OF EZHUTHIL KULAM AT EZHUTHIL MUKKU IN DIV 02	0.0159	0.0186	0.016
13	KOTHAMANGALAM (M) CAPEX (CR.)=0.3 O&M (CR.)=0.05 TOTAL COST (CR.)=0.35	Rejuvenation of Karinga chira Ward-06 of Kothamagalam Municipality	0.1119	0.0875	0.15
14	KOTHAMANGALAM (M) CAPEX (CR.)=0.3 O&M (CR.)=0.05 TOTAL COST (CR.)=0.35	Rejuvenation of Maalakha chira Ward-10 of Kothamagalam Municipality	0.1119	0.0875	0.15
15	MANANTHAVADI CAPEX (CR.)=0.11 O&M (CR.)=0.011 TOTAL COST (CR.)=0.121	AMRUT 2.0 WATER BODY REJUVENATION IN KUMARAMALA , MANANTHAVADY MUNICIPALITY-	0.0409	0.0247	0.055
16	MANANTHAVADI CAPEX (CR.)=0.26 O&M (CR.)=0.005 TOTAL COST (CR.)=0.265	AMRUT 2.0 WATER BODY REJUVENATION IN MANANTHAVADY MUNICIPALITY.	0.097	0.0375	0.13
17	MARADU (M) CAPEX (CR.)=0.25 O&M (CR.)=0.02 TOTAL COST (CR.)=0.27	Rejuvenation of V H S C Mamgayil pond in Maradu Municipality	0.094	0.0512	0.125
18	PERINTHALMANNA (M) CAPEX (CR.)=0.28 O&M (CR.)=0.028 TOTAL COST (CR.)=0.308	PERINTHALMANNA MUNICIPALITY- PADATHEKULAM	0.1049	0.063	0.14

Sl No.	ULB	Name of the work	State share (Cr)	ULB share (Cr)	Central Assistance (Cr)
19	PERINTHALMANNA (M) CAPEX (CR.)=0.50 Cr O&M (CR.)=0.05 Cr TOTAL COST (CR.)=0.50 cr	PERINTHALMANNA MUNICIPALITY- MANGALAM KULAM (atrea-16.8 Cent)	0.212	0.063	0.0225
Total 10.558 Cr (Capex-10.056, O& M - 0.502 Cr)			3.577	3.280	3.695

As per AMRUT 2.0 Guidelines Cl. 6.9.1, the SHPSC will be competent to approve replacement of projects costing up to 10% of the respective tranche of SWAP in admissible project components of AMRUT 2.0. Replacement of projects beyond 10% of the respective tranche of SWAP, if approved by SHPSC, shall be sent to the Apex Committee with proper justification for consideration and approval. The present proposal is well within 10% of Tranche 2 (Rs. 683.07 Cr.).

Evaluation by the SMMU:

- ❖ As directed, five proposals costing more than 50 lakhs have been scrutinized and made necessary modifications.

Decision:

The committee reviewed the proposals and took the following decisions:

- ❖ *The chair opined that it is not a healthy trend to cancel projects that have been approved by the Apex Committee. The projects should be planned with an eye towards the available land, ground conditions, technical soundness, and financial sustainability.*
- ❖ *The committee decided to recommend the cancellation of 23 projects for Rs.10.97 Cr.(Capex Rs.10.46 , O& M Rs.0.51 Cr) and replacement of 19 projects for Rs. 10.558 Cr. (Capex Rs.. 10.056 cr. and O& M Rs. 0.502 Cr) to the SHPSC.*

Agenda Item No.10.11: APPROVAL OF ADDITIONAL WATER SUPPLY PROPOSALS FROM THE ULBs:

Under AMRUT-2.0, Rs.1713.4 Cr. is allocated for the Water supply Sector of 93 AMRUT Cities.

The 1st State level High Powered Committee approved the use of Floating Incentive Fund for Non-AMRUT cities (Central Allocation amount of Rs.50 Cr.) to incentivize those ULBs that show good progress in works and for those ULBs that require additional fund for achieving universal water supply. As such an amount of approximately 100 Cr. was earmarked from the Sewerage fund.

After utilizing approximately Rs. 5 Cr. for the additional requirements of SWAP-1&2, and around 14 Cr. kept for 24X7 WS Projects and SWAP-3 projects, an amount of Rs. 81 Cr. is remaining.

Additional water supply proposals for around Rs.730 Cr. were submitted by 44 AMRUT 2.0 cities. The SMMU team the proposals in consultation with the KWA division offices and ranked them based on the need and fund availability. 34 ULBs were chosen and recommended for an amount of Rs. 193.04 Cr.

Decision:

- ❖ *The Committee verified the Additional water supply proposals submitted by 44 AMRUT 2.0 cities. and the priority list of projects.*
- ❖ *The Committee approved the priority list of projects (Annexure 4). KWA and ULBs were directed for preparing the SWAP proposals for the recommended fund and for submitting at the earliest after ensuring the availability of land for the projects.*

Agenda Item No. 10.12: O & M STRATEGY FOR SEWAGE TREATMENT PLANTS PROPOSED BY KWA UNDER AMRUT-2.0:

2nd SHPSC:

Regarding the O & M Cost of projects the 2nd SHPSC decided (Decision No.4) as follows:

- a) *The O & M Cost for projects implemented by the ULBs shall be borne by the ULBs and the Secretaries of the ULBs shall ensure that the matter is conveyed to the Council and other related committees of the ULB.*
- b) *The O & M Cost for projects implemented by KWA shall be borne by KWA as they are collecting water charges and related fees from consumers.*

6th SLTC:

In the 6th SLTC the KWA had informed that the O & M cost for water supply projects can be borne by them as water charges are being collected by KWA. For STPs, O&M costs would have to be met by ULB to avoid a financial burden on KWA. In the 6th SLTC the KWA also requested that the O & M strategy being followed for the STP at Muttathara, Thiruvananthapuram, be followed for the STPs proposed under AMRUT-2.0. The 6th SLTC decided (*Decision No.4*) as follows:

After discussions, the Committee directed KWA, TVM ULB & AMRUT to prepare 2 or 3 business models for long-term O & M sustainability for all the cities based on the financial situations of cities, prevailing Tariff, and user-cost recovery (financial) strategy.

8th SLTC:

In the 8th SLTC the KWA submitted the following options in connection with the decision taken by the 6th SLTC of AMRUT-2.0.

- 1) Increase of Sewer Charges to 50% of Water Charges - 65% of O & M expenses can be met.
 - 2) Increase of Sewer Charges to 70% of Water Charges - 85% of O & M expenses can be met.
 - 3) Increase of Sewer Charges to 90% of Water Charges - 100% of O & M expenses can be met.
- (Sewer charge at that time was 11.02% of water charges and O & M Charges considered by KWA for calculation was Rs.20/ KLD)

The 8th SLTC decided (Decision No.8.9) as follows:

- ❖ *The Committee reviewed the current Operation & Maintenance plan for Muttathara STP and the suggested strategies.*
- ❖ *The Committee instructed KWA to calculate and report the revenue recovery based on the latest approved rates of Sewer charges to the Committee.*

This SLTC:

Vide letter no. KWA/ JB/ PIU2/ 10/ JJM-URBAN/ 2021 PART III dated 12.07.2023 the Managing Director, KWA, informed that the annual sewerage charges expected to be collected as per the recently revised rates is Rs.19.69 Cr., whereas the combined annual O & M charges for Muttathara, Medical College, Elamkulam & Guruvayur STPs is Rs.13.27 Cr., and the expected savings is Rs.6.42 Cr.

Deliberation:

The Chief Engineer, Projects, KWA informed that administrative expenses and cost recovery component for replacement of pumps and machinery were not considered in the report given earlier from KWA. Hence a revised report will be furnished shortly.

Decision:

- ❖ *The Committee decided to take a decision on the matter after getting the revised report from KWA.*

Agenda Item No.10.13: SELECTION OF THE PROJECT DEVELOPMENT MANAGEMENT CONSULTANCY- STATUS:

Decision Taken: Deferred

Additional Agenda Item No. AA.1: ADMINISTRATIVE SANCTION FOR THE SEWERAGE PROJECT OF KOZHIKODE CORPORATION (SWAP-2):

The Deputy Chief Engineer, Projects KWA presented the Agenda as follows:

The DER of 27 MLD Sewage Treatment Plant near Sarovaram Bio Park in Kozhikode and its associated network for Zone B1 for Rs.164 Cr. included in the AMRUT 2.0 was placed in 6th SHPSC. The Committee directed KWA to rework the proposal due to high connection cost per household.

The associate network of zone B phase – I is 55 km. The network is mainly proposed through the roads passing through Kozhikode Corporation's town area. There are more industrial and commercial establishments and other institutions located in the area than houses. The 3128 connections mentioned in the DER are only the number of houses in the network in Zone B1. Apart from the above houses, the network includes ten major hospitals, 109 hotels, 80 flats, 18 major educational institutions, 15 government offices and a civil station office complex, three Bus stands, a railway station, shopping malls etc. in the city. Taking into account the sewage load in the said non-domestic institutions, about 60350 people will benefit from the network which is equivalent to 12070 households. The project also includes a 220 KLD co-treatment unit to treat the septage from the remaining houses in the corporation that are not part of the network; the septage is proposed to be collected in trucks and transported to the plant for treatment. Thus the entire population of the corporation becomes a beneficiary of the project.

- Fund Allotted to the ULB in the Sewerage Sector – Rs.163.54 Cr.
- Floating Fund Allotted – Rs.139.03 Cr.
- Total Fund Available – Rs.302.57 Cr. (1)
- Amount (CAPEX) required for the Sarovaram Sewerage Project – Rs.164.20 Cr.
- Amount (CAPEX) required for the projects transferred from AMRUT-1.0 – Rs.172.07 Cr.
- Total Amount Required – Rs.336.27 Cr. (2)
- Excess Amount Required – Rs.33.70 Cr.(3) = (2) – (1)

Decision:

- ❖ *The Committee noted that 60350 people will also be benefited through institutional & commercial connections which is equivalent to 12070 domestic connections apart from the 3128 domestic connections envisaged. Since the cost per household considering all these connections also comes to around 1 Lakh, the Committee decided to recommend the issuance of AS for the Sarovaram Sewerage Project (Zone-B1) to the SHPSC for an amount of Rs.179.29 Cr. (CAPEX: Rs.164.20 Cr. & OPEX: Rs.15.09 Cr.), subject to the condition that the additional amount required shall be borne by the ULB itself.*

Sharmilajoseph

Principal Secretary, LSGD

Dr. SHARMILA MARY JOSEPH IAS
Principal Secretary
Local Self Government Department
Government of Kerala
Thiruvananthapuram Ph: 0471-2518008



Head

Mission Director, AMRUT

**10th SLTC of AMRUT 2.0 held on 27th & 30th of September 2023 through VC by
the Principal Secretary, LSGD**

List of Participants

1. Sri. M.K.Varghese, Mayor, Thrissur Corporation
2. Smt. Sharmila Mary Joseph IAS, Principal Secretary, LSGD
3. Dr.Dinesan Cheruvat IAS, Joint Managing Director, KWA, Thiruvananthapuram
4. Sri. Alex Varghese IAS, Mission Director, AMRUT
5. Smt. Madhavikutty.M.S. IAS, District Development Commissioner, Ernakulam
6. Smt. Dharmalashree IAS, DDC Ottapalam, Palakkad District
7. Smt. Sreedhanya Suresh IAS, RDO, Sub Collector, Malappuram District
8. Sri. Mohammad Shafeeq IAS, DDC (in charge), Thrissur
9. Sri. Unnikrishnan, JS, RDO Office, Thrissur
10. Sri. Babu Abdul Khadir IRPS, Secretary, Kochi Municipal Corporation
11. Sri. Madhusoodhanan Nair.C.S, Deputy Secretary, Finance Department
12. Sri. Sandeep, Chief Engineer, LSGD
13. Sri. Prasanth. H, Chief Town Planner (Planning), Thiruvananthapuram
14. Sri. Praveen, Director (Liquid Waste Management), Suchitwa Mission
15. Sri. Jahangir, Programme Officer, Kudumbashree
16. Sri. Manu.B, Chief Engineer, (Operations & Maintenance), KWA
17. Sri. Krishnakumar.V.S., Deputy Chief Engineer, PIU-2, KWA
18. Sri. Binu Francis, Secretary, Thiruvananthapuram Corporation
19. Sri. Rahesh Kumar R, Secretary, Thrissur Corporation
20. Smt. Anu.S, Secretary, Kollam Corporation
21. Sri. Shibu V P, Secretary (i/c), Kochi Corporation
22. Smt. Mumthaz A M, Secretary, Alappuzha Municipality
23. Sri. Arun K.S, Secretary, Attingal Municipality
24. Sri. Sharon Sudhakaran Secretary, Piravom Municipality
25. Smt. Hazeena.K.P., Secretary, Malappuram Municipality
26. Sri. Ajesh T G, Secretary, Palakkad Municipality
27. Smt. Beena.S.Kumar, Secretary, Nedumangad Municipality
28. Sri.T.K.Sujith, Secretary, Kodungallur Municipality
29. Sri. Shaiju, Secretary, North Paravure Municipality
30. Sri. Sreejith P, Secretary, Ramanattukara Municipality
31. Smt. Jasitha PJ, Secretary, Mukkam Municipality

32. Sri, K.Sudheer, Secretary, Koduvally Municipality
33. Sri. Feroz Khan, Secretary Kondotty Municipality
34. Sri. Sainudheen, Secretary, Sulthan Bathery Municipality
35. Sri. G. Binuji, Secretary, Nilambur Municipality
36. Smt. Sheeja Rani, Secretary, Thiruvalla Municipality
37. Sri.Sajeev Retnakaran, Superintending Engineer, KWA, PH Circle, Kochi
38. Sri. Sooraj, Superintending Engineer, PH Circle, KWA, Thiruvananthapuram
39. Sri. Sabeer A Rahim, Superintending Engineer, PH Circle, KWA, Kollam
40. The Superintending Engineer, PH Circle, KWA, Kottayam
41. Smt. Shaibi George, Superintending Engineer, LSGD Thrissur Corporation
42. Smt. Latha M S, Superintending Engineer, LSGD Kollam Corporation
43. Sri. Pradeep, Executive Engineer, PH Division, KWA, Aluva
44. Sri. Rajesh Unnithan, Executive Engineer, Projects, KWA Kollam
45. Sri. Rajesh.S, Executive Engineer, Projects, KWA, Kochi
46. Sri. Shibu L Nalpat, Executive Engineer, Alappuzha Municipality
47. Smt. Sonia, Assistant Executive Engineer, Projects, KWA Kollam
48. Sri. Sajith, Assistant Executive Engineer, KWA, Thrissur
49. Sri. Satheesh Kumar P, Assistant Executive Engineer, Manjeri Municipality
50. The Municipal Engineer, Ponnai Municipality
51. The Assistant Engineer-1, Tripunithura Municipality
52. Sri. Munavar.K, Assistant Engineer, Kalpetta Municipality
53. Sri. Ani Issac, Assistant Engineer, Feroke Municipality
54. Sri. Nishanth Kavungapparam, Assistant Engineer, Perinthalmanna Municipality
55. Sri. P T Babu, Assistant Engineer, Malappuram Municipality