

10th STATE LEVEL TECHNICAL COMMITTEE (SLTC)

ATAL MISSION FOR REJUVENATION & URBAN TRANSFORMATION

(AMRUT 2.0)

AGENDA



Date: 27.09.2023 at 3.00 PM

VENUE: MEETING THROUGH VIDEO CONFERENCING



Local Self Government Department, Government of Kerala

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

The minutes of the 9th SLTC meeting of AMRUT 2.0 held on 14th June 2023 is enclosed as **Annexure –1**.

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| Decision to be Taken: The Committee may approve the minutes of the 9th SLTC meeting of AMRUT 2.0. |
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Agenda Item No.10.02: ACTION TAKEN REPORT ON THE DECISIONS OF THE 8th & 9th SLTC MEETING OF AMRUT 2.0

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| Agenda Item No.7.3: ADMINISTRATIVE SANCTION FOR THE SEWERAGE PROJECT OF KOLLAM & KOCHI CORPORATIONS (SWAP-2): |
| 9th SLTC Decision: <ul style="list-style-type: none">❖ <i>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.</i> |
| Action Taken: TS for Kochi sewerage project is yet to be issued. |
| 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: <ul style="list-style-type: none">❖ <i>The Chair directed the LSGD and the Mission Director to follow up and speed up the processes.</i> |
| Action Taken: The matter is being processed by Government. |
| 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: <ul style="list-style-type: none">❖ <i>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.</i>❖ <i>The Committee has recommended considering the expansion of the team members of IMPACT, Kerala based on the requirement.</i> |
| Action Taken: <ul style="list-style-type: none">❖ Government Order was issued vide G.O.(Rt)No.712/2023/LSGD dated 25-03-2023. |
| 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 minutes of the 6th SHPSC meeting is enclosed as Annexure 2)

- ❖ 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:

Government order is awaited.

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.

6th SHPSC Decision:

- ❖ 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.
- ❖ The Committee deferred the proposal.

Action Taken:

The revised proposal is to be finalized by KWA and ULB

Agenda Item No.8.6: ADMINISTRATIVE SANCTION OF REJUVENATION OF WATERBODY PROJECTS APPROVED UNDER SWAP-2**8th SLTC Decision:**

- ❖ 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.)
- ❖ The over and above the SAAP amount shall be borne by the ULBs.

6th SHPSC Decision:

- ❖ *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.*
- ❖ *The over and above the SAAP amount shall be borne by the ULBs.*
- ❖ *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.*

Action Taken:

Government order is awaited.

Agenda Item No.8.7: REPLACEMENT OF WATER SUPPLY PROJECT IN KOCHI CORPORATION APPROVED UNDER THE 1ST TRANCHE OF SWAP

8th SLTC Decision:

- ❖ *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.*

6th SHPSC Decision:

- ❖ *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.)*
- ❖ *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.)*

Action Taken:

Government order is awaited.

Agenda Item No.8.8: O&M STRATEGY FOR STPS PROPOSED BY KWA UNDER AMRUT

8th SLTC Decision:

- ❖ *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.*
- ❖ *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.*

Action Taken:

An Agenda note in this regard is included in this meeting

Agenda Item No.8.9: STATUS OF SELECTION OF PROJECT DEVELOPMENT AND MANAGEMENT CONSULTANTS (PDMC)

8th SLTC Decision:

- ❖ *The Committee decided to approve the cancellation of the ongoing tender process of PDMC after detailed deliberation.*
- ❖ *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.*
- ❖ *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.*

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.**

Action Taken:

GO issued vide G.O.(Rt)No.1276/2023/LSGD dated 19.06.2023 approving the revised RFP for PDMC. Bids were invited and financial bid evaluation completed.

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:

- ❖ *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.*

6th SHPSC Decision:

- ❖ *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.*

Action Taken:

Government order is awaited.

Agenda Item No.8.12: SANCTION TO PROVIDE TRAVEL ALLOWANCES FOR THE CITY MISSION MANAGEMENT UNIT STAFF

8th SLTC Decision:

- ❖ *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.*

6th SHPSC Decision:

- ❖ *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.*

Action Taken:

GO issued vide G.O.(Rt)No.1769/2023/LSGD dated 05-09-2023.

Agenda Item No.8.13: APPROVAL TO ENGAGE GIS/SCADA EXPERTS ON CALL FOR 24X7 WATER SUPPLY SYSTEM& SEWERAGE PROJECTS

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| <p>8th SLTC Decision:</p> <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: GO issued vide G.O.(Rt)No.1896/2023/LSGD dated 25.9.2023.</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>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: Government order is awaited.</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> |

9th SLTC Decision:

- ❖ *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.*

6th SHPSC Decision:

- ❖ *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)*
- ❖ *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.*

Action Taken:

Government order is awaited.

Agenda Item No.9.6: ADMINISTRATIVE SANCTION FOR WATER SUPPLY PROJECTS DIRECTLY EXECUTED BY THE THRISSUR ULB**9th SLTC Decision:**

- ❖ *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.).*
- ❖ *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.*

6th SHPSC Decision:

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.).

Action Taken:

- 1) **Government order is awaited.**
- 2) **The report submitted by the Thrissur for the deferred project is included in the Agenda.**

Agenda Item No.9.7: ADMINISTRATIVE SANCTION FOR REJUVENATION OF WATERBODY PROJECTS APPROVED UNDER SWAP-2:

9th SLTC Decision:

- ❖ *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;*
- ❖ *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.*

6th SHPSC Decision:

- ❖ *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.).*
- ❖ *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.*

Action Taken:

Government order is awaited.

Agenda Item No.9.8: IRINJALAKUDA MUNICIPALITY-REPLACEMENT OF WATER SUPPLY PROJECT EXECUTED BY KWA- MINI WATER SUPPLY SCHEME TO WARDS 1 AND 2

9th SLTC Decision:

- ❖ *The Committee recommended the following to the SHPSC;*
 - *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.)*
 - *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.)*

6th SHPSC Decision:

- ❖ *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.).*
- ❖ *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:

GO issued vide G.O.(Rt)No.1895/2023/LSGD dated 25.9.2023

Agenda Item No.9.9: IRINJALAKUDA 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:

- ❖ *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:

- ❖ *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:

Government order is awaited.

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:

- ❖ *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 25.9.2023

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: Government order is awaited.

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 is awaited.

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).

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| 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.

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.

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.

Additional Agenda Item No.9.16 AA1: Thiruvananthapuram Corporation- Administrative sanction for two Water Supply- Replacement Projects.

9th SLTC Decision:

- ❖ 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;
- 1) 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.)
- 2) 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.)

6th SHPSC Decision:

- ❖ 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.)
- ❖ The Committee accorded sanction to the following two replacement projects of Thiruvananthapuram ULB;
 - 1) 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.)
 - 2) 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.)
- ❖ 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.

Action Taken:

The Apex committee held on 25.9.2023 approved the replacement. Minutes of the same is awaited.

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

9th SLTC Decision:

- ❖ *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.*
- ❖ *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.*

6th SHPSC Decision:

- ❖ *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.).*

Action Taken:

Government order is awaited.

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 | Awarded | Started |
|------------------------------|----------------|------------|--------------|------------|------------|------------|-----------|
| Water Supply by KWA | 179 | 176* | 257 | 226 | 216 | 130 | 31 |
| Sewerage | 26 | 25 | 42 | 40 | 40 | 32 | 16 |
| Micro Water Supply/WS by ULB | 29 | 13* | 13 | 0 | 0 | 0 | 0 |
| Waterbody Rejuvenation | 255 | 229* | 229 | 88 | 88 | 39 | 4 |
| Total | 489 | 443 | 541 | 354 | 344 | 201 | 51 |

*WB-133, WS- 14, MWSS-13- GO is awaited

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) Nediyinga 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 nediyinga 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 decision 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 in to 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 KADINHIKUZHI 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, Nellayi, 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 changed agency. The water supply scheme of Kizhakakara and Kadinhikuzhi has been dropped/cancelled 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 has been approved and the Government order is awaited. The aforesaid project at Kakkayapurathu scheme at ward 25 seems to be of low yielding and are requested to submit the revised proposal by find another suitable site. But as of now no any DPR has been submitted by Kotoor Society to Panur municipality |
| TOTAL | | | 41.82 | |

Decision to be Taken:

- ❖ **The Committee may take note of the progress of AMRUT 2.0.**

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.104.63 Cr. and SWAP-2: Rs.385.00 Cr.).

30 proposals (SWAP-3), worth Rs. 234.356 Cr. (Capex), received from 16 ULBs are placed in this SLTC for approval (**Annexure-3**). 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 –21.8 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 fund has been utilized under SWAP 1&2 for 10 WS projects. Hence the requested fund of Rs. 14.361 Cr. for 24X7 WS may be utilized from the remaining fund for Sewerage works for Kollam (Rs. 29.57 Cr.).

Abstract details of these proposals are as shown below.

| Sl. No | ULB | Project title | Components | Estimated project cost (₹ crore) | Estimated CAPEX Cost (₹ crore) | Estimated O&M cost (₹ crore) | Households benefited | Land availability for the project | Cost per HH Benefitted (₹) [e = a*10000000 / b] [Should less than or equal to Rs.50000/- only) | Increase in LPCD | Reduction of NRW (PERCENTAGE) | SMMU observation |
|--------|--------------------|--|---|----------------------------------|--------------------------------|------------------------------|----------------------|-----------------------------------|--|------------------|-------------------------------|---|
| 1 | THIRUVANANTHAPURAM | FIFS - Urgent replacing of existing frequent breaking PVC (JICA laid) line Nettayam-Manikanteswaram road to 300mm dia DI line | Distribution Network | 1.3125 | 1.25 | 0.0625 | 260 | Available | 48076.92308 | 15 | 10 | RECOMMENDED |
| 2 | THIRUVANANTHAPURAM | FIFN - Laying rider mains in various routes like Pattom - Murinjapalam - Kumarapuram - Medical College | Distribution Network | 11.737 | 11.1781 | 0.55891 | 2300 | Available | 48600.43478 | 25 | 12 | RECOMMENDED |
| 3 | THIRUVANANTHAPURAM | FIFN - Replacing old pipe lines which are regularly breaking in Pathirapally ward | Distribution Network | 7.14231 | 6.8022 | 0.34011 | 1450 | Available | 46911.72414 | 30 | 14 | RECOMMENDED |
| 4 | THIRUVANANTHAPURAM | FIFN - Replacing 225mm CI pipe and laying 160mm PVC on either side along Sreekaryam Chekkalamukku Kattayikonam road | Distribution Network | 11.2166 | 10.6825 | 0.53413 | 2250 | Available | 47477.77778 | 25 | 12 | RECOMMENDED |
| 5 | THIRUVANANTHAPURAM | FIFS - Urgent replacing of existing frequent breaking PVC (JICA laid) line Thirumala Vijayamohini mill - Punnakamughal road to 300mm dia DI line | Distribution Network | 1.3125 | 1.25 | 0.0625 | 260 | Available | 48076.92308 | 15 | 10 | RECOMMENDED |
| 6 | THIRUVANANTHAPURAM | FIFS - Improving water supply scheme to various wards including interconnections, supplying laying pumpsets etc under Vandithadam Section | Distribution Network | 17.5728 | 16.736 | 0.8368 | 7200 | Available | 23244.44444 | 15 | 10 | RECOMMENDED |
| 7 | THIRUVANANTHAPURAM | FIFS - Rectifying the leakage and repacking the filter medium of Bed No. 7 at 36 MLD WTP | others(Rectifying the leakage and repacking the filter medium) | 0.525 | 0.5 | 0.025 | 25000 | Available | 200 | 15 | 10 | RECOMMENDED |
| 8 | THIRUVANANTHAPURAM | AMRUT 2.0 Providing 24 X 7 Water supply at Arannoor ward- Thiruvananthapuram Municipal Corporation | Source augmentation, Distribution Network, Transmission network | 8.6 | 8 | 0.6 | 3118 | Available | 25657.47274 | 15 | 20 | Recommended 24X7 Advance approval given by Hon' Mayor. Secretary letter E7/79579/2021-Part D dated 21.9.2023 |

| Sl. No | ULB | Project title | Components | Estimated project cost (₹ crore) | Estimated CAPEX Cost (₹ crore) | Estimated O&M cost (₹ crore) | Households benefited | Land availability for the project | Cost per HH Benefitted (₹) [e = a*10000000 / b] [Should less than or equal to Rs.50000/- only] | Increase in LPCD | Reduction of NRW (PERCENTAGE) | SMMU observation |
|--------|------------------|--|--|----------------------------------|--------------------------------|------------------------------|----------------------|-----------------------------------|---|------------------|-------------------------------|---|
| 9 | KOLLAM | AMRUT 2.0 - 24*7 WATER SUPPLY SCHEME IN KANNIMEL (DIVISION 55) OF KOLLAM CORPORATION | Source augmentation, Distribution Network, Pumping station | 14.5006 | 14.3606 | 0.14 | 2625 | Available | 54707.04762 | 50 | 20% | 24X7 RECOMMENDED. Fund to be reserved from SEW. |
| 10 | THRISSUR | Implementing 24x7 water supply in Ollur zonal | others(24x7 water supply) | 10.5 | 10 | 0.5 | 2000 | Available | 50000 | 35 | 20 | 24X7 Recommended |
| 11 | THRISSUR | AMRUT 2.0 - Tranche 3 - Providing 1600 FHTCs in Ollur Zonal Area - Pipeline work | Distribution Network, others(FHTCs) | 3.9 | 3.86 | 0.04 | 5940 | Available | 6498.316498 | 35 | 10 | RECOMMENDED |
| 12 | ALAPPUZHA (M) | Augmentation of WSS for Alappuzha Municipality- Providing Distribution net work in Alappuzha Municipality Phaselll | Distribution Network | 1.21 | 1.1 | 0.11 | 663 | Available | 16591.25189 | 0 | 1% | RECOMMENDED |
| 13 | ALAPPUZHA (M) | AMRUT 2.0 Providing Distribution Network for 12 KM in Alappuzha Municipality | Distribution Network | 4.04 | 4 | 0.04 | 2905 | Available | 13769.36317 | #VALUE! | 3% | RECOMMENDED |
| 14 | ALAPPUZHA (M) | AMRUT 2.0 Implementation of 24 x 7 Water supply - System in Various Wards of Alappuzha Municipality | others(24 x 7 Water supply system) | 24.53 | 22.3 | 2.23 | 4671 | Available | | 15 | 20% | 24X7 Recommended |
| 15 | CHEGANNUR (M) | Pipe line extension and providing household connection and other works in chengannur municipality (Phase II) under AMRUT 2.0 | Distribution Network, others(FHTC pumpset) | 1.81 | 1.787 | 0.023 | 470 | Available | 38021.2766 | 55 | 10 | RECOMMENDED |
| 16 | NEYATTINKARA (M) | AMRUT 2.0-PHASE 2- Replacement of AC pipes, pipe line extension and providing FHTCs in Neyyattinkara Municipality | Distribution Network | 4.89 | 4.77 | 0.12 | 1200 | Available | 39750 | 35 | 10% | RECOMMENDED |
| 17 | KOTTARAKKARA | WATER SUPPLY SCHEME FOR KOTTARAKKARA MUNICIPALITY - PACKAGE 3 | Source augmentation, Storage | 5.218 | 5.1 | 0.118 | 2544 | Available | 20047.16981 | 90 | 20% | RECOMMENDED |
| 18 | KOTTARAKKARA | WATER SUPPLY SCHEME FOR KOTTARAKKARA MUNICIPALITY - PACKAGE 1 | Source augmentation, Storage | 3.46 | 3.42 | 0.04 | 1094 | Available | 31261.42596 | 90 | 20% | RECOMMENDED |
| 19 | MANJERI (M) | AMRUT-AMRUT 2.0 -MANJERI MUNICIPALITY -Augmentation of UWSS to Manjeri - Construction of OHSR at unity college zone.laying of CWPM,erection of pumpset&.allied works | Storage, Distribution Network, Pumping station | 26.1079 | 23.207 | 2.90087 | 4831 | Available | 48037.67336 | 50 | 10% | RECOMMENDED |
| 20 | NILAMBUR | AUGMENTATION OF UWSS TO NILAMBUR PHASE 1 | Storage, Distribution Network, others(ENHANCING PUMPSETS) | 11.47 | 9.57 | 1.9 | 2996 | Available | 31942.59012 | 15 | 20% | RECOMMENDED |

| Sl. No | ULB | Project title | Components | Estimated project cost (₹ crore) | Estimated CAPEX Cost (₹ crore) | Estimated O&M cost (₹ crore) | Households benefited | Land availability for the project | Cost per HH Benefitted (₹) [e = a*1000000 / b] [Should less than or equal to Rs.50000/- only] | Increase in LPCD | Reduction of NRW (PERCENTAGE) | SMMU observation |
|--------|-------------------|--|--|----------------------------------|--------------------------------|------------------------------|----------------------|-----------------------------------|--|------------------|-------------------------------|--|
| 21 | VALANCHERRY | Valanchery- Kalayana Urava Water Supply Scheme | Source augmentation, Storage, Distribution Network, Pumping station, Water treatment, Transmission network, others(Functional Household Tap Connections) | 13.414 | 13.274 | 0.14 | 3871 | Available | 34290.88091 | 25.06 | 0 | RECOMMENDED |
| 22 | TIRUR (M) | Tirur Municipality WSS Scheme | Distribution Network, Transmission network, others(Functional Household Tap Connections) | 14.88 | 13.88 | 1 | 6799 | Available | 20414.76688 | 30 | 15% | RECOMMENDED |
| 23 | ETTUMANOOR | AMRUTH 2.0 PROVIDING WATER CONNECTION AND PIPELINE EXTENSION IN ETTUMANOOR MUNICIPALITY PHASE II | Distribution Network | 4.83767 | 4.75704 | 0.08063 | 1549 | Available | 30710.3938 | 30 | 5% | RECOMMENDED |
| 24 | KOTTAYAM (M) | AMRUT 2.0 -Pipeline extension and providing FHTCS in Nattakom area (2nd Phase) of Kottayam Municipality | Distribution Network, others(FHTC) | 1.88 | 1.79 | 0.09 | 900 | Available | 19888.88889 | 50 | 10% | RECOMMENDED |
| 25 | KOTTAYAM (M) | AMRUT 2.0-Pipeline extension and providing FHTCS in Kumaranalloor area (2nd Phase) of Kottayam Municipality | Distribution Network, others(FHTCS) | 6.57 | 6.26 | 0.31 | 1455 | Available | 43024.05498 | 50 | 10% | RECOMMENDED |
| 26 | KOTTAYAM (M) | AMRUT-KSP- WSS to Kumaranalloor- Pipeline extension and providing FHTC in Kumaranalloor area(3rd) in Kottayam Municipality- Pipe line Work | Distribution Network | 0.596 | 0.567 | 0.029 | 282 | Available | 20106.38298 | 50 | 10% | RECOMMENDED |
| 27 | CHANGANASSERY (M) | AMRUT2.0-Changanassery Municipality-laying distribution network along Municipal Area (Phase III) | Distribution Network | 0.98 | 0.93 | 0.05 | 430 | Available | 21627.90698 | 30 | 20 | RECOMMENDED |
| 28 | CHANGANASSERY (M) | UWSS TO CHANGANASSERY MUNICIPALITY- LAYING DISTRIBUTION MAIN (PHASE 2) FROM PROPOSED 15 LL OHSR AT PERUNNA TO MARKET AREA | Distribution Network, others(FHTC) | 2.78 | 2.676 | 0.104 | 625 | Available | 42816 | 30 | 20 | RECOMMENDED |
| 29 | KOTTAKKAL | AMRUT 2.0 - Water Supply Scheme to Kottakkal Municipality | Distribution Network | 15.739 | 14.949 | 0.79 | 3800 | Available | 39339.47368 | 50 | 15% | RECOMMENDED |
| 30 | PANOOR | AMRUT 2.0 Water Supply Scheme to Panoor Municipality - Laying Distribution systems and Providing FHTCs- Zone 1 | Distribution Network | 16.555 | 15.4 | 1.155 | 3150 | Available | 48888.88889 | 80 | 15% | RECOMMENDED Advance approval from Chairman provided |
| | | Total | | 249.287 | 234.35644 | 14.93045 | 96638 | | | 0 | | |

Decision to be taken

- ❖ The SLTC may approve the State Water Action Plan – Water supply 3rd tranche for 30 proposals for an amount of Rs.249.287 Cr. (CAPEX – Rs.234.356 Cr. & OPEX – Rs.14.931 Cr.) and recommend the same to SHPSC for submitting before the APEX committee for approval.
- ❖ The Committee may allocate the additional fund requirement for Kollam ULB for an amount of Rs. 14.361 Cr. 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, was approved under SWAP-1 & 2 (SWAP-1: Rs.1738.03 Cr. and SWAP-2: Rs.171.388 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 (**Annexure-4**). 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 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. Hence, the excess amounts required for Kochi Corporation (Rs.5.62 Cr.) and Kozhikode Corporation (Rs.29.50 Cr.) can be met from the unused fund of Palakkad Municipality.

Decision to be Taken:

The Committee may take a suitable decision on recommending the following to the SHPSC:

- ❖ Approval of 9 SWAP-3 projects worth Rs.344.88 Cr. (Capex: Rs.313.81 Cr. & Opex: Rs.31.06 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.)
 - Palakkad Municipality – 1 no. – Rs.0.43 Cr. (Capex: Rs.0.40 Cr. & Opex: Rs.0.03 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.) and Kozhikode Corporation (Rs.29.50 Cr.), total Rs.35.12 Cr., to be met from the unused fund of Palakkad Municipality (Rs.46.19 Cr.).

**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.

| Sl. No | ULB | Project title | Estimated project cost (₹ crore) | CAP EX Cost (₹ crore) | Estimated O&M cost (₹ crore) | CA | State Share | ULB Share |
|--------|----------------------|--|----------------------------------|-----------------------|------------------------------|--------|-------------|-----------|
| 1 | NEDUMA NGAD (M) | Rejuvenation of Pengottukonam pond | 0.1701 | 0.165 | 0.005 | 0.0826 | 0.06 | 0.0256 |
| 2 | NEDUMA NGAD (M) | Rejuvenation of Maginikonam Pond | 0.0984 | 0.096 | 0.003 | 0.0478 | 0.04 | 0.0148 |
| 3 | NEDUMA NGAD (M) | Rejuvenation of Punnavelilikonam pond | 0.1443 | 0.14 | 0.004 | 0.0701 | 0.05 | 0.0217 |
| 4 | THIRUVA NANTHAP URAM | Rejuvanation of Kallaramadom Kulam in Thirumala Ward | 1 | 0.97 | 0.03 | 0.3233 | 0.32 | 0.3533 |
| 5 | THIRUVA NANTHAP URAM | Rejuvenation of Vettamukku Kattachal kulam in Pangode ward | 0.72 | 0.7 | 0.02 | 0.2333 | 0.23 | 0.2533 |
| 6 | THIRUVA NANTHAP URAM | Rejuvanation of Ellavumoottu kulam in Kodunganoor Ward. | 0.9785 | 0.95 | 0.029 | 0.3166 | 0.32 | 0.3452 |

| Sl. No | ULB | Project title | Estimated project cost (₹ crore) | CAP EX Cost (₹ crore) | Estimated O&M cost (₹ crore) | CA | State Share | ULB Share |
|--------|---------------------|---|----------------------------------|-----------------------|------------------------------|--------|-------------|-----------|
| 7 | THIRUVA NANTHAPURAM | Rejuvenation of Irunkunnam kulam in Nettayam ward. | 0.8137 | 0.79 | 0.024 | 0.2633 | 0.26 | 0.287 |
| 8 | THIRUVA NANTHAPURAM | Rejuvenation of Malapparikonam pond in Powdikonam ward | 0.5099 | 0.495 | 0.015 | 0.165 | 0.17 | 0.1799 |
| 9 | THIRUVA NANTHAPURAM | Rejuvenation of Aarivilantikonam Kulam in Estate Ward | 0.94 | 0.913 | 0.027 | 0.3042 | 0.3 | 0.3316 |
| 10 | THIRUVA NANTHAPURAM | Rejuvenation of Konathukulam in Melamkode Ward | 0.481 | 0.467 | 0.014 | 0.1557 | 0.16 | 0.1697 |
| 11 | THIRUVA NANTHAPURAM | Rejuvenation of Nadukolchira Kulam in Mannanthala Ward | 0.68 | 0.65 | 0.03 | 0.2166 | 0.22 | 0.2467 |
| 12 | THIRUVA NANTHAPURAM | Rejuvenation of Pengattukonamkulam in Vazhottukonam ward | 0.6695 | 0.65 | 0.02 | 0.2166 | 0.22 | 0.2362 |
| 13 | THIRUVA NANTHAPURAM | Maintenance of Kuzhikkattuppon at Chandhavila Ward | 0.2565 | 0.249 | 0.007 | 0.083 | 0.08 | 0.0905 |
| 14 | THIRUVA NANTHAPURAM | Renovation of Kannottukonam Kulam in Ulloor Ward | 0.0429 | 0.042 | 0.001 | 0.0139 | 0.01 | 0.015 |
| 15 | THIRUVA NANTHAPURAM | Construction Of Cherukarakonam Kulam Work In Pattom Ward | 0.9429 | 0.913 | 0.03 | 0.3043 | 0.3 | 0.3343 |
| 16 | THIRUVA NANTHAPURAM | Renovation of Paraykkottukonam Kulam in Edavakkode Ward | 0.2508 | 0.245 | 0.006 | 0.0815 | 0.08 | 0.0877 |
| 17 | THIRUVA NANTHAPURAM | Renovation of Keezhetikavu (Puthukulam) pond at Cheuvaikal ward | 0.5448 | 0.531 | 0.014 | 0.177 | 0.18 | 0.1908 |
| 18 | THIRUVA NANTHAPURAM | Renovation Of Rajarajeswary Pond In Kottapuram Ward | 0.74 | 0.72 | 0.02 | 0.24 | 0.24 | 0.26 |
| 19 | THIRUVA NANTHAPURAM | Renovation of Omanakulam at Akkulam ward | 0.549 | 0.535 | 0.014 | 0.1784 | 0.18 | 0.1921 |
| 20 | THIRUVA NANTHAPURAM | Rejuvenation to Kottukkonam Kulam in Punnaykkamugal Ward | 1.057 | 1.027 | 0.03 | 0.3423 | 0.34 | 0.3723 |
| 21 | THIRUVA NANTHAPURAM | Rejuvenation of Avuthankode Pond in Vattiyoorkavu ward | 0.618 | 0.6 | 0.018 | 0.2 | 0.2 | 0.218 |

| Sl. No | ULB | Project title | Estimated project cost (₹ crore) | CAP EX Cost (₹ crore) | Estimated O&M cost (₹ crore) | CA | State Share | ULB Share |
|--------|---------------------|--|----------------------------------|-----------------------|------------------------------|--------|-------------|-----------|
| 22 | THIRUVA NANTHAPURAM | Rejuvenation of Kavukonamchira in Attipra ward | 0.8 | 0.78 | 0.02 | 0.26 | 0.26 | 0.28 |
| 23 | THIRUVA NANTHAPURAM | Renovation of Perumkarikinchira Pond in Kazhakkuttam ward | 0.275 | 0.265 | 0.01 | 0.0883 | 0.09 | 0.0983 |
| 24 | THIRUVA NANTHAPURAM | Rejuvenation of Kuttichakonam pond in Pathirappally ward | 0.67 | 0.65 | 0.02 | 0.2166 | 0.22 | 0.2366 |
| 25 | VARKALA (M) | AMRUT 2 -Perumkulam pond renovation at ward no.22 of Varkala Municipality | 0.48 | 0.45 | 0.03 | 0.225 | 0.16 | 0.09 |
| 26 | THIRUVA NANTHAPURAM | Rejuvenation of Chathiyod pond in Kinavoor ward | 0.6 | 0.58 | 0.02 | 0.1933 | 0.19 | 0.22 |
| 27 | THIRUVA NANTHAPURAM | Renovation Of Madathil Kulam In Sreekariyam Ward | 1.03 | 1 | 0.03 | 0.3333 | 0.33 | 0.3633 |
| 28 | KOCHI | Rejuvenation of vennalapara in Division-42 of Kochi Municipal Corporation. | 3.05 | 3 | 0.05 | 0.9999 | 1 | 1.05 |
| 29 | THRISSUR | AMRUT 2.0 - Waterbody Rejuvenation - Pottakulam (Division 14) | 0.4 | 0.39 | 0.01 | 0.13 | 0.13 | 0.14 |
| 30 | THRISSUR | AMRUT 2.0 - Rejuvenation of Puthanvettukayal (Div 44) | 0.86 | 0.85 | 0.01 | 0.2833 | 0.28 | 0.294 |
| 31 | THRISSUR | AMRUT 2.0 - Waterbody Rejuvenation - Jordan Valley Kulam (Div 45) | 0.053 | 0.05 | 0.003 | 0.0167 | 0.02 | 0.0197 |
| 32 | THRISSUR | AMRUT 2.0 - Waterbody Rejuvenation - Bhoothakulam (Div 23) | 0.1025 | 0.1 | 0.003 | 0.0333 | 0.03 | 0.036 |
| 33 | THRISSUR | AMRUT 2.0 - Waterbody Rejuvenation - Mullanpaarakulam (Div 22) | 0.3252 | 0.322 | 0.003 | 0.1073 | 0.11 | 0.111 |
| 34 | THRISSUR | AMRUT 2.0 - Waterbody Rejuvenation - Panamkuttichirakulam (Div 29) | 1.01 | 1 | 0.01 | 0.3333 | 0.33 | 0.344 |
| 35 | THRISSUR | AMRUT 2.0 - Waterbody Rejuvenation - Herbert Nagar Kulam (Kadamkulam) [Div 43] | 0.424 | 0.42 | 0.004 | 0.14 | 0.14 | 0.145 |

| Sl. No | ULB | Project title | Estimated project cost (₹ crore) | CAP EX Cost (₹ crore) | Estimated O&M cost (₹ crore) | CA | State Share | ULB Share |
|--------|--------------|--|----------------------------------|-----------------------|------------------------------|--------|-------------|-----------|
| 36 | THRISSUR | AMRUT 2.0 - Waterbody Rejuvenation - Adithyakulam (Div 41) | 0.405 | 0.4 | 0.005 | 0.1333 | 0.13 | 0.139 |
| 37 | THRISSUR | AMRUT 2.0 - Water Body Rejuvenation at Anakulam (Phase 2) in Division 15 | 1.9 | 1.8 | 0.1 | 0.5999 | 0.6 | 0.701 |
| 38 | TANUR | AMRUT 2.0 WATER BODY REJUVENATION /IRATTAKULAM POND REJUVENATION AT DIV 03 IN TANUR MUNICIPALITY | 0.271 | 0.246 | 0.025 | 0.123 | 0.09 | 0.056 |
| 39 | TANUR | AMRUT 2.0 - WATER BODY REJUVENATION AT CHUDALAKULAM NAVEEKARANAM DIV 12 AT TANUR MUNICIPALITY | 0.23 | 0.228 | 0.002 | 0.114 | 0.09 | 0.0305 |
| 40 | KOTTAYAM (M) | RENOVATION OF THRIKKAYIL KSHETHRA KULAM IN WARD 30 | 0.2448 | 0.215 | 0.03 | 0.0716 | 0.11 | 0.0658 |
| 41 | TIRUR (M) | Improvements to Kollikulam Pond in Ward 13 Tirur Municipality | 0.6 | 0.55 | 0.05 | 0.275 | 0.26 | 0.0688 |
| 42 | KOTTAYAM (M) | -side protection for Thrikkayil Malloosery Sreekrishna Temple pond in ward no 11 | 0.18 | 0.17 | 0.01 | 0.0567 | 0.09 | 0.0283 |
| 43 | KOTTAYAM (M) | 2023-2024-Construction of side protection wall for Karyambadam pond in ward no 51 | 0.75 | 0.7 | 0.05 | 0.2333 | 0.35 | 0.1667 |
| 44 | KOTTAYAM (M) | 2023-2024-Side protection for Kumaranalloor Kshethram Temple pond in ward no 51 | 0.537 | 0.507 | 0.03 | 0.169 | 0.25 | 0.1145 |
| 45 | KONDOTTY | KUNNATH CHOLA POND RENNOVATION AND IMPROVEMENT OF KUNNATH CHOLA TOURISM PROJECT AT KONDOTTY MUNICIPALITY | 0.75 | 0.7 | 0.05 | 0.35 | 0.26 | 0.1375 |
| 46 | THRISSUR | AMRUT 2.0 - Thrissur Corporation - Waterbody | 0.404 | 0.4 | 0.004 | 0.1333 | 0.13 | 0.138 |

| Sl. No | ULB | Project title | Estimated project cost (₹ crore) | CAP EX Cost (₹ crore) | Estimated O&M cost (₹ crore) | CA | State Share | ULB Share |
|--------|-----------------|--|----------------------------------|-----------------------|------------------------------|--------|-------------|-----------|
| | | Rejuvenation - Paduthalakulam Div 34 | | | | | | |
| 47 | MAVELIKKARA (M) | AMRUT 2.0 REJUVENATION OF THERUVILKULAM MAVELIKKARA MUNICIPALITY | 0.72 | 0.7 | 0.02 | 0.35 | 0.28 | 0.0875 |
| 48 | KOTTARAKKARA | KOTTARAKARA MUNICIPALITY -WATER BODY REJUVENATION - AVANOOR POND | 0.105 | 0.1 | 0.005 | 0.05 | 0.04 | 0.0175 |
| 49 | KOTTARAKKARA | KOTTARAKARA MUNICIPALITY- WATER BODY REJUVENATION - KULASEKHARANALLOOR TEMPLE POND | 0.105 | 0.1 | 0.005 | 0.05 | 0.04 | 0.0175 |
| 50 | KAYAMKULAM (M) | Amrut 2.0 Rejuvenation of Punnakkulam Pond Ward 32 of Kayamkulam Municipality | 0.313 | 0.31 | 0.003 | 0.155 | 0.12 | 0.0388 |
| 51 | KAYAMKULAM (M) | Amrut 2.0 Rejuvenation of Edayodikkavu Ambalakkulam Ward 19 of Kayamkulam Municipality | 0.221 | 0.201 | 0.02 | 0.1005 | 0.1 | 0.0251 |
| 52 | KAYAMKULAM (M) | Amrut 2.0 Rejuvenation of Othanakulam Ward 1 of Kayamkulam Municipality | 0.041 | 0.038 | 0.003 | 0.019 | 0.02 | 0.0046 |
| 53 | KAYAMKULAM (M) | Amrut 2.0 Rejuvenation of Irattakkulam Ward 35 of Kayamkulam Municipality | 0.104 | 0.095 | 0.009 | 0.0475 | 0.05 | 0.0119 |
| 54 | GURUVA YOOR (M) | Rejuvenation of Cholayil Sooryan Pond | 0.26 | 0.25 | 0.01 | 0.125 | 0.09 | 0.0425 |
| 55 | GURUVA YOOR (M) | Rejuvenation of Cholayil Pond | 0.21 | 0.2 | 0.01 | 0.1 | 0.07 | 0.035 |
| 56 | GURUVA YOOR (M) | Rejuvenation of Kajah Pond - Ward 28 | 0.52 | 0.5 | 0.02 | 0.25 | 0.19 | 0.0825 |
| 57 | GURUVA YOOR (M) | Rejuvenation of Chembram Thodu | 0.32 | 0.3 | 0.02 | 0.15 | 0.11 | 0.0575 |
| 58 | VALANCHERRY | REJUVENATION OF KARIMKULAM | 0.05 | 0.03 | 0.02 | 0.015 | 0.01 | 0.0238 |
| 59 | OTTAPPALAM (M) | RENOVATION OF PERUMKULAM IN OTTAPALAM MUNICIPALITY | 0.77 | 0.7 | 0.07 | 0.35 | 0.26 | 0.1575 |

| Sl. No | ULB | Project title | Estimated project cost (₹ crore) | CAP EX Cost (₹ crore) | Estimated O&M cost (₹ crore) | CA | State Share | ULB Share |
|--------|--------------------|---|----------------------------------|-----------------------|------------------------------|--------|-------------|-----------|
| 60 | OTTAPPALAM (M) | RENOVATION OF VALIYAKULAM IN OTTAPALAM MUNICIPALITY | 0.88 | 0.8 | 0.08 | 0.4 | 0.3 | 0.18 |
| 61 | SHORANUR (M) | KANJIRAKKUZHIKKULAM WARD 29 | 0.33 | 0.325 | 0.005 | 0.1625 | 0.13 | 0.035 |
| 62 | SHORANUR (M) | REJUVENATION OF PALATT KULAM WARD 26 | 0.2 | 0.198 | 0.003 | 0.0988 | 0.07 | 0.035 |
| 63 | SHORANUR (M) | REJUVENATION OF KOODATHI KULAM WARD 28 | 0.2233 | 0.221 | 0.003 | 0.0567 | 0.13 | 0.035 |
| 64 | SHORANUR (M) | REJUVENATION OF THAVIT KULAM WARD 27 | 0.2 | 0.198 | 0.003 | 0.095 | 0.07 | 0.035 |
| 65 | SHORANUR (M) | REJUVENATION OF NARASIMHA MOORTHI KSHETHRAKULAM WARD 10 | 1.37 | 1.36 | 0.01 | 0.6838 | 0.65 | 0.035 |
| 66 | CHALAKUDY (M) | AMRUT 2.0 - Water Body Rejuvenation of Kalanchira in Chalakudy Municipality | 0.101 | 0.1 | 0.001 | 0.05 | 0.04 | 0.0135 |
| 67 | KUNNAMKULAM (M) | Rejuvenation of Cheeramkulam (Panjayathkulam) in Kunnamkulam Municipality | 0.35 | 0.3 | 0.05 | 0.15 | 0.11 | 0.0938 |
| 68 | KUNNAMKULAM (M) | Rejuvenation of Thazhethazham Kulam in Kunnamkulam Municipality | 0.22 | 0.2 | 0.02 | 0.1 | 0.07 | 0.05 |
| 69 | KUNNAMKULAM (M) | Rejuvenation of Kaattilekulam in Kunnamkulam Municipality | 0.16 | 0.15 | 0.01 | 0.075 | 0.05 | 0.0375 |
| 70 | PONNANI (M) | Rejuvenation of Nila Bridge Pond | 1.1 | 1 | 0.1 | 0.5 | 0.38 | 0.225 |
| 71 | VALANCHERRY | Thaikkatt Kulam Rejuvenation | 0.2 | 0.16 | 0.04 | 0.08 | 0.06 | 0.065 |
| 72 | KODUVALLY | AMRUT 2.0 POONOR RIVER REJUVENATION AND CONSTRUCTION OF GREEN SPACE IN KODUVALLY MUNICIPALITY | 0.6252 | 0.575 | 0.05 | 0.2876 | 0.22 | 0.1219 |
| 73 | THIRUVANANTHAPURAM | Renovation of Nambidikonam Kulam in Kattayikonam Ward | 0.735 | 0.7 | 0.035 | 0.2333 | 0.23 | 0.2683 |
| 74 | THIRUVANANTHAPURAM | Renovation of Valiyakulam Pond in Karikkakam Ward | 0.52 | 0.49 | 0.03 | 0.1633 | 0.16 | 0.1933 |

| Sl. No | ULB | Project title | Estimated project cost (₹ crore) | CAP EX Cost (₹ crore) | Estimated O&M cost (₹ crore) | CA | State Share | ULB Share |
|--------|--------------------|---|----------------------------------|-----------------------|------------------------------|--------|-------------|-----------|
| 75 | THIRUVANANTHAPURAM | Maintenance of Kulavarambil Kulam in Muttada Ward | 0.29 | 0.27 | 0.02 | 0.09 | 0.09 | 0.11 |
| 76 | THIRUVANANTHAPURAM | Maintenance of Thamarabhagom Pond in Medical College Ward | 0.42 | 0.4 | 0.02 | 0.1333 | 0.13 | 0.1533 |
| 77 | THIRUVANANTHAPURAM | Renovation of Valiyakulam Pond in Thaliyal in Kalady Ward | 1 | 0.95 | 0.05 | 0.3166 | 0.32 | 0.3666 |
| 78 | CHALAKUDY (M) | AMRUT 2.0 - Water body rejuvenation of Kumanchira in Chalakudy | 0.055 | 0.05 | 0.005 | 0.0238 | 0.02 | 0.0113 |
| 79 | CHALAKUDY (M) | AMRUT 2.0 - Waterbody Rejuvenation of Koranchira Pond in Chalakudy | 0.283 | 0.28 | 0.003 | 0.14 | 0.1 | 0.038 |
| 80 | KONDOTTY | Pallyali Kulam Renovation | 0.0385 | 0.029 | 0.01 | 0.0143 | 0.01 | 0.0136 |
| 81 | KONDOTTY | Pullithodi Kulam Renovation | 0.07 | 0.06 | 0.01 | 0.03 | 0.02 | 0.0175 |
| 82 | KONDOTTY | Neerad Kulam Renovation | 0.07 | 0.06 | 0.01 | 0.03 | 0.02 | 0.0175 |
| 83 | KONDOTTY | Koonayil Kulam Renovation | 0.012 | 0.01 | 0.002 | 0.005 | 0 | 0.0033 |
| 84 | KONDOTTY | Onil Kulam Renovation | 0.07 | 0.06 | 0.01 | 0.025 | 0.03 | 0.0175 |
| 85 | CHALAKUDY (M) | AMRUT 2.0 - Water Body Rejuvenation of Chathankulam in CHalakudy Municipality | 0.303 | 0.3 | 0.003 | 0.15 | 0.11 | 0.0405 |
| 86 | CHALAKUDY (M) | AMRUT 2.0 - Water Body Rejuvenation of Kadambottukulam in Chalakudy Municipality | 0.3535 | 0.35 | 0.004 | 0.175 | 0.13 | 0.0473 |
| 87 | TALIPARAMBA (M) | Rejuvenation of pond at Puzhakulangara | 0.04 | 0.04 | 0 | 0.02 | 0.02 | 0.005 |
| 88 | KOZHIKODE | Creating a new pond in Lion's park Kozhikode beach and beautification of its premises | 5.28 | 5.25 | 0.03 | 1.7498 | 1.75 | 1.78 |
| 89 | CHALAKUDY (M) | AMRUT 2.0 - Water Body Rejuvenation of Vettissery Kulam in Chalakudy Municipality | 0.066 | 0.06 | 0.006 | 0.0285 | 0.02 | 0.0135 |

| Sl. No | ULB | Project title | Estimated project cost (₹ crore) | CAP EX Cost (₹ crore) | Estimated O&M cost (₹ crore) | CA | State Share | ULB Share |
|--------|-----------------------------|---|----------------------------------|-----------------------|------------------------------|--------|-------------|-----------|
| 90 | KUNNAM KULAM (M) | Rejuvenation of Kalayamkulam in Kunnamkulam Municipality | 0.2 | 0.15 | 0.05 | 0.075 | 0.09 | 0.0375 |
| 91 | KUNNAM KULAM (M) | Rejuvenation of Cheruvathurkulam in Kunnamkulam Municipality | 0.25 | 0.2 | 0.05 | 0.1 | 0.1 | 0.05 |
| 92 | KUNNAM KULAM (M) | Rejuvenation of Meembikulam in Kunnamkulam Municipality | 0.1 | 0.08 | 0.02 | 0.04 | 0.04 | 0.025 |
| 93 | CHITTUR-THATHA MANGALAM (M) | Rejuvenation of Bhagavathukulam at Chittur | 1.1 | 1 | 0.1 | 0.5 | 0.37 | 0.226 |
| 94 | NEYATTINKARA (M) | Thoppumkulam Rejuvenation in Kavalakulam Ward in Neyyattinkara Municipality | 0.412 | 0.4 | 0.012 | 0.2 | 0.15 | 0.062 |
| 95 | PAYYOLI | Rejuvenation of Chovva vayal pond in Payyoli Municipality | 0.48 | 0.44 | 0.04 | 0.22 | 0.16 | 0.095 |
| 96 | PAYYOLI | Rejuvenation of Kottukulam pond in Payyoli Municipality | 0.3 | 0.275 | 0.025 | 0.1375 | 0.1 | 0.0594 |
| 97 | VALANCHERRY | REJUVENATION OF CHOORATTUKULAM | 0.13 | 0.1 | 0.03 | 0.05 | 0.04 | 0.0425 |
| 98 | VALANCHERRY | REJUVENATION OF KOTTARAM VALIYAKULAM | 0.6 | 0.54 | 0.06 | 0.27 | 0.19 | 0.135 |
| 99 | FEROKE | Rejuvenation of Kanjirathil Paikutty Kulam | 0.145 | 0.13 | 0.015 | 0.065 | 0.05 | 0.0313 |
| 100 | MATTANUR (M) | Kallur Temple Pond | 0.54 | 0.53 | 0.01 | 0.265 | 0.2 | 0.0762 |
| 101 | IRINJALAKUDA (M) | AMRUTH 2.0 Rejuvenation of Saradhakulam ward:15 | 0.55 | 0.545 | 0.005 | 0.2725 | 0.2 | 0.0731 |
| 102 | KONDOTTY | Madathil Thodu Kulam Renovation | 0.098 | 0.088 | 0.01 | 0.044 | 0.03 | 0.021 |
| 103 | IRINJALAKUDA (M) | AMRUTH 2.0 Rejuvenation of Kollamkulam ward:7 | 0.25 | 0.245 | 0.005 | 0.1225 | 0.09 | 0.0356 |
| 104 | KONDOTTY | Kottassery Kulam Renovation | 0.07 | 0.06 | 0.01 | 0.03 | 0.02 | 0.0175 |
| 105 | KONDOTTY | Kundamchola Kulam Renovation | 0.02 | 0.018 | 0.002 | 0.009 | 0.01 | 0.0043 |
| 106 | KONDOTTY | Cherupadi Pothukulam Renovation | 0.14 | 0.12 | 0.02 | 0.06 | 0.05 | 0.035 |

| Sl. No | ULB | Project title | Estimated project cost (₹ crore) | CAP EX Cost (₹ crore) | Estimated O&M cost (₹ crore) | CA | State Share | ULB Share |
|--------------|---------------|--|----------------------------------|-----------------------|------------------------------|---------------|-------------|--------------|
| 107 | KONDOTTY | Kottukkara Aryambil Chola Renovation | 0.16 | 0.14 | 0.02 | 0.07 | 0.05 | 0.0375 |
| 108 | THRISSUR | AMRUT2.0-Thrissur Corporation-Waterbody Rejuvenation-Alumkulam-div 34 | 0.405 | 0.4 | 0.005 | 0.1333 | 0.13 | 0.139 |
| 109 | VALANCHERRY | Rejuvenation of Perinkayi Kulam | 0.1 | 0.066 | 0.034 | 0.0328 | 0.04 | 0.0238 |
| 110 | CHALAKUDY (M) | AMRUT 2.0 - Water Body Rejuvenation of Periyachira in Chalakudy Municipality | 0.253 | 0.25 | 0.003 | 0.125 | 0.09 | 0.0343 |
| TOTAL | | | 54.166 | 51.87 | 2.301 | 20.286 | 18.6 | 15.22 |

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.

| Sl. no | ULB | Project title | Project cost (₹ crore) | CAPEX Cost (₹ crore) | O&M cost (₹ crore) | C.A | State Share | ULB Share |
|--------|------------------------|--|------------------------|----------------------|--------------------|-------|-------------|-----------|
| 1 | KOYILANDY MUNICIPALITY | Renovation of Anakkulam Childrens park at koyilandy municipality. | 0.3 | 0.25 | 0.05 | 0.125 | 0.0938 | 0.0813 |
| 2 | PANDALAM | Chiramudi Tourism Project | 0.52 | 0.51 | 0.01 | 0.255 | 0.1913 | 0.0738 |
| 3 | MARADU(M) | AMRUT-2.0- Construction of Ommen Chandy Park on the sides of Kettezhathukadavu road in div 23 in Maradu municipality | 0.75 | 0.7 | 0.05 | 0.35 | 0.2625 | 0.1375 |
| 4 | ELOOR | Amrut 2.0- Construction of Park Near Eloor Ferry | 0.55 | 0.5 | 0.05 | 0.25 | 0.1875 | 0.1125 |
| 5 | KOTHAMANGALAM (M) | Rejuvenation of Municipal park Kothamagalam | 0.55 | 0.5 | 0.05 | 0.25 | 0.1875 | 0.1125 |
| 6 | WADAKKANHERI | Community Park at Minalur | 0.8 | 0.75 | 0.05 | 0.375 | 0.2813 | 0.1438 |

| | | | | | | | | |
|----|----------------------|--|-------|--------|---------|-------|--------|--------|
| 7 | NEDUMANGA D (M) | Construction of Elders Park near Kulavikonam pond | 0.114 | 0.1107 | 0.00332 | 0.055 | 0.0416 | 0.0172 |
| 8 | SHORANUR (M) | CONSTRUCTION OF CHILDREN PARK NEAR BHARATHAPUZHA | 0.505 | 0.5 | 0.005 | 0.25 | 0.1875 | 0.0675 |
| 9 | MATTANNUR (M) | Green Space park at Poongottu Kavu | 0.85 | 0.799 | 0.051 | 0.399 | 0.2933 | 0.1573 |
| 10 | ALUVA | AMRUT 2.0 - Rejuvenation of Nehru Municipal park, Aluva | 0.35 | 0.3 | 0.05 | 0.15 | 0.1125 | 0.0875 |
| 11 | PARAVUR (M) | Renovation of Dr. Ambedkar Park in North Paravur Municipality | 0.54 | 0.5 | 0.04 | 0.25 | 0.1875 | 0.1025 |
| 12 | ANGAMALY (M) | AMRUT 2.0- Rejuvenation of Municipal Park in ward 9 of Angamaly Municipality | 0.55 | 0.5 | 0.05 | 0.25 | 0.1875 | 0.1125 |
| 13 | PARAPPANAN ANGADI | Keeranallur Newcut Garden Space Development | 0.9 | 0.75 | 0.15 | 0.375 | 0.2813 | 0.2438 |
| 14 | VALANCHER RY | ECO PARK Valanchery Municipality at Vattappara | 0.65 | 0.5 | 0.15 | 0.25 | 0.1875 | 0.2125 |
| 15 | CHERPULASS ERY | Development of Papparamb promenade in Division 4 of CHerpulassery Municipality | 0.6 | 0.5 | 0.1 | 0.25 | 0.187 | 0.163 |
| 16 | THRISSUR | AMRUT 2.0 - Construction of Nedupuzha to Ammadam Joggers Park (Div 44) | 1.1 | 1 | 0.1 | 0.333 | 0.3327 | 0.434 |
| 17 | THRISSUR | AMRUT 2.0 - Construction of Pananjakam Pond Park (Div 16) | 1.1 | 1 | 0.1 | 0.333 | 0.3333 | 0.4334 |

| | | | | | | | | |
|----|--------------------|---|------|------|------|-------|--------|--------|
| 18 | SULTAN BATHERY | HAPPINESS PARK SULTHAN BATHERY MUNICIPALITY | 0.55 | 0.5 | 0.05 | 0.25 | 0.1875 | 0.1125 |
| 19 | MANANTHAVADI | AMRUT 2.0 MANANTHAVADY MUNICIPALITY - CHOOTTAKKADAVU PAZHASSI PARK | 0.55 | 0.5 | 0.05 | 0.25 | 0.1875 | 0.1125 |
| 20 | KALPETTA (M) | KALPETA MUNICIPALITY ROCK GARDEN PARK CONSTRUCTION | 0.55 | 0.5 | 0.05 | 0.25 | 0.1875 | 0.1125 |
| 21 | PERINTHALMANNA (M) | PACHATHURUTH GREEN PARK PERINTHALMANNA MUNICIPALITY | 0.55 | 0.5 | 0.05 | 0.25 | 0.1875 | 0.1125 |
| 22 | MANJERI (M) | Construction of hill view park at Vettekkode in Manjeri Municipality | 1.1 | 1 | 0.1 | 0.5 | 0.375 | 0.225 |
| 23 | MALAPPURAM (M) | AMRUT 2.0 -GREEN PARK DEVELOPMENT AT NECHIKUTTY-MALAPPURAM MUNICIPALITY | 0.85 | 0.75 | 0.1 | 0.375 | 0.2813 | 0.1938 |
| 24 | THRIPPUNITHURA (M) | Amrut 2.0 Renovation of Thannerchal Park, Tripunithura | 0.79 | 0.75 | 0.04 | 0.375 | 0.2813 | 0.1338 |
| 25 | THRIKKAKARA (M) | Renovation of Thrikkakara Municipal Park | 0.8 | 0.75 | 0.05 | 0.375 | 0.2813 | 0.1438 |
| 26 | MUVATTUPUZHA (M) | Dream Land Park Renovation And Beautification | 0.54 | 0.5 | 0.04 | 0.25 | 0.1875 | 0.1025 |
| 27 | PIRAVOM | Renovation Works to Pazhoor Attutheeram Park , Piravom Municipality. | 0.35 | 0.3 | 0.05 | 0.15 | 0.1125 | 0.0875 |
| 28 | KOLLAM | DEVELOPMENT OF A NEW PARK NEAR KOLLAM BEACH | 0.9 | 0.75 | 0.15 | 0.25 | 0.25 | 0.4 |
| 29 | KOLLAM | DEVELOPMENT OF A NEW PARK AT KUREEPUZHA | 1.5 | 1.25 | 0.25 | 0.416 | 0.4168 | 0.6666 |

| | | | | | | | | |
|----|-----------------------------|---|------|-------|-------|-------|--------|--------|
| 30 | KOCHI | Rejuvenation of AA Kochunni Master Park, Panayappilly div-8 of Kochi Municipal Corporation | 0.45 | 0.4 | 0.05 | 0.133 | 0.1337 | 0.183 |
| 31 | KOCHI | Development Of Kacheripadi Park at Division -19 of Kochi Municipal Corporation. | 0.5 | 0.45 | 0.05 | 0.15 | 0.15 | 0.2 |
| 32 | KOCHI | Development of Perumbadappu Park at Division-18 | 0.45 | 0.4 | 0.05 | 0.133 | 0.1337 | 0.183 |
| 33 | KOCHI | Rejuvenation of open area park in R.N.A.S area in division -29 of Kochi Municipal Corporation | 0.45 | 0.4 | 0.05 | 0.133 | 0.1334 | 0.1833 |
| 34 | THODUPUZH A (M) | Construction of M. Jinadevan Park,Nadakulam of Thodupuzha Municipality | 0.76 | 0.75 | 0.01 | 0.375 | 0.282 | 0.103 |
| 35 | PERUMBAVO OR (M) | Rejuvenation of Iringol Kavu park of Perumbavoor Municipality | 0.55 | 0.5 | 0.05 | 0.25 | 0.15 | 0.15 |
| 36 | KOZHIKODE | Renovation of the Kozhikode Corporation Lion's park | 2.6 | 2.25 | 0.35 | 0.749 | 0.7501 | 1.1 |
| 37 | KANHANGAD (M) | Development of childrens park at Chemmattamvayal in Kanhangad Municipality | 0.85 | 0.818 | 0.032 | 0.409 | 0.3068 | 0.1343 |
| 38 | PATTAMBI | AMRUT 2.0 - MODIFICATION OF PATTAMBI MUNICIPAL TOWN PARK | 0.5 | 0.25 | 0.25 | 0.125 | 0.375 | 0 |
| 39 | CHITTUR-THATHAMAN GALAM (M) | CHILDRENS PARK AT DEVI NAGAR WARD 27 CHITTUR THATHAMANGALA M MUNICIPALITY | 0.45 | 0.4 | 0.05 | 0.2 | 0.1438 | 0.1063 |

| | | | | | | | | |
|----|------------------|--|-------|-------|-------|-------|--------|--------|
| 40 | PONNANI (M) | Development of Park and Greenspace at Biyyam Kayal | 1.1 | 1 | 0.1 | 0.5 | 0.375 | 0.225 |
| 41 | KUNNAMKULAM (M) | Kunnamkulam Municipality Childrens Park | 0.3 | 0.25 | 0.05 | 0.125 | 0.0938 | 0.0813 |
| 42 | PALAKKAD (M) | PRASANTH NAGAR PARK | 0.33 | 0.3 | 0.03 | 0.1 | 0.15 | 0.08 |
| 43 | TANUR | MUKKATHODE | 0.25 | 0.21 | 0.04 | 0.105 | 0.079 | 0.066 |
| 44 | ATTINGAL (M) | RENOVATION OF PARK AT TB JUNCTION ATTINGAL | 0.39 | 0.38 | 0.01 | 0.19 | 0.1425 | 0.0575 |
| 45 | MANNARKKAD | Construction of Open gym and Children's Park at Mannarkkad municipality | 0.26 | 0.21 | 0.05 | 0.105 | 0.0787 | 0.0763 |
| 46 | IRINJALAKUDA (M) | Irinjalakuda Municipality Amruth.2.0 Renovation of Mahathma Park in Ward :25 | 0.65 | 0.6 | 0.05 | 0.3 | 0.225 | 0.125 |
| 47 | KOTTAYAM (M) | Kottayam Municipality 2023-2024- Beautification of Gandhinagar road side in ward no 01 | 0.086 | 0.081 | 0.005 | 0.027 | 0.0407 | 0.0186 |
| 48 | KOTTAYAM (M) | CONSTRUCTION OF PARK IN CHEMMANAPPADI CHITTETHKADAVU ROAD AT WARD 52 KOTTAYAM MUNICIPALITY | 0.219 | 0.209 | 0.01 | 0.069 | 0.1046 | 0.0449 |
| 49 | KOTTAYAM (M) | AMRUT - Childrens park and beautification works near Anganwadi no. -75 in Ward 21 | 0.115 | 0.1 | 0.015 | 0.033 | 0.05 | 0.0317 |
| 50 | KOTTAYAM (M) | Construction of Park at Borma Kavala road- Ward-41 | 0.23 | 0.2 | 0.03 | 0.066 | 0.1 | 0.0633 |
| 51 | KATTAPPANA | AMRUT 2.0- Kattappana Municipality Open Park | 0.55 | 0.5 | 0.05 | 0.25 | 0.1875 | 0.1125 |
| 52 | PAYYANNUR (M) | Development of Children's Park at Payyanur Municipality | 0.189 | 0.18 | 0.009 | 0.09 | 0.036 | 0.0315 |

| | | | | | | | | |
|----|-------------------|---|-------|--------|---------|-------|--------|--------|
| 53 | VADAKARA (M) | Cultural and Heritage park Near Old Bus stand | 0.17 | 0.16 | 0.01 | 0.08 | 0.06 | 0.03 |
| 54 | MUKKAM | VRINDAVANAM PARK IN MUKKAM MUNICIPALITY DIVISION 14 | 0.11 | 0.1 | 0.01 | 0.05 | 0.0375 | 0.0225 |
| 55 | RAMANATTU KARA | Park at New office entrance land along Chethupalam thodu | 0.11 | 0.1 | 0.01 | 0.05 | 0.0375 | 0.0225 |
| 56 | VAIKOM (M) | AMRUT 2.0-VAIKOM MUNICIPALITY-PARK AND GREEN SPACES-CONSTRUCTION OF PARK ON THE NORTH SIDE OF K V CANAL | 0.387 | 0.3503 | 0.03675 | 0.175 | 0.1313 | 0.0805 |
| 57 | MAVELIKKARA (M) | AMRUT 2.0 DEVELOPMENT OF GREEN SPACE & PARK NEAR VELLOORKULAM | 0.325 | 0.3 | 0.025 | 0.15 | 0.1375 | 0.0375 |
| 58 | HARIPAD | Amrut 2.0-Haripad Municipality -Parks and Green spaces- Beautification and Development of Park near Arayakulangara Devi Temple Pond | 0.39 | 0.3 | 0.09 | 0.15 | 0.1125 | 0.1275 |
| 59 | PALAI (M) | RENOVATION OF CHILDRENS PARK AT 12TH MILE, PALA | 0.23 | 0.2 | 0.03 | 0.1 | 0.075 | 0.055 |
| 60 | KANNUR (M) | Construction of Parakkandy Park | 0.42 | 0.4 | 0.02 | 0.133 | 0.1333 | 0.1534 |
| 61 | PANOOR | Panoor Municipality Childrens Park at Peringathoor | 0.83 | 0.8 | 0.03 | 0.4 | 0.33 | 0.1 |
| 62 | KODUNGALLUR (M) | V K RAJAN MUNICIPAL PARK | 0.52 | 0.5 | 0.02 | 0.25 | 0.2075 | 0.0625 |
| 63 | CHANGANASSERY (M) | AMRUT 2.0 Poovakkattuchira Municipal Park at Changanassery Municipality | 0.55 | 0.5 | 0.05 | 0.25 | 0.187 | 0.113 |
| 64 | HARIPAD | AMRUT 2.0 HARIPAD MUNICIPALITY PARKS & GREEN SPACE - | 0.28 | 0.25 | 0.03 | 0.125 | 0.0938 | 0.0613 |

| | | | | | | | | |
|----|-----------------|--|---------------|---------------|----------------|--------------|---------------|---------------|
| | | DEVELOPMENT OF PARK NEAR BALAMURUGA TEMPLE POND | | | | | | |
| 65 | ALAPPUZHA (M) | AMRUT 2.0 - Parks & Green Space Development - Alappuzha Municipality- Development of Park near Alissery Temple pond in Alissery ward | 0.26 | 0.2 | 0.06 | 0.066 | 0.1 | 0.0933 |
| 66 | ALAPPUZHA (M) | AMRUT 2.0 - Parks & Green Space Development - Alappuzha Municipality- Development of Park near Thanakulam in Kalarcode Ward | 1.25 | 1 | 0.25 | 0.333 | 0.5 | 0.4167 |
| 67 | CHENGANNUR (M) | Municipal Park at Edanad (ward 8) of Chengannur municipality | 0.3 | 0.27 | 0.03 | 0.135 | 0.101 | 0.064 |
| 68 | KALAMASSERY (M) | Rejuvenation of Stadium Park Kalamassery | 0.85 | 0.8 | 0.05 | 0.4 | 0.3 | 0.15 |
| 69 | CHERTHALA (M) | AMRUT 2.0- Cherthala municipality- Beautification of Cherakulam pond- Construction of open park | 0.325 | 0.3 | 0.025 | 0.15 | 0.1125 | 0.0625 |
| | | TOTAL | 39.295 | 35.088 | 4.20707 | 15.81 | 13.348 | 10.104 |

Decision taken:

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

- a) 110 Rejuvenation of Water Body projects submitted by 35 ULBs for an amount of Rs.54.166 (Capex Rs. 51.865 Cr. And O & M 2.301 Cr).**
- b) 69 Parks and Green spaces projects submitted by 58 ULBs for an amount of Rs.39.295 Cr.(Capex Rs.35.088Cr and O & M Rs. 4.207 Cr.) to the SHPSC for submitting before the APEX committee for approval.**

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 ; (Detailed list enclosed as Annexure-5).

Major Components proposed:

- New distribution network- 8.6 KM
- Replacement of existing lines-18 KM
- Transmission network – 2 KM
- Total New connections (FHTCs) – 2,550
- Existing Connections served in – 62,635
- Total households benefited – 65,185

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. **Report with photographs are enclosed as Annexure-6.**

| Sl 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 | 0.2092 | 0.005 | 0.2142 | 1) FHTC -1400 2) Existing Connections served- 11696 3) HH benefitted- 13096 4) Additional pump | YES | 159.74 | NO |

| 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 *10000000 /HH) | Increase in LPCD |
|--------------|---|---|-------------------|-------------|------------------|--|-------------------|---|------------------|
| | | | Capex (Cr.) | O&M (Cr.) | Total Cost (Cr.) | | | | |
| | | WATER TO KOMBADI TANK AND PROVIDING CHLORINATORS | | | | at thiruvalla pumphouse 5) Chlorinator to the sump | | | |
| 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-18789 3) HH benefitted-18789 4) Distribution Network-1.7 KM 5) Road restoration | YES | 106.45 | 31 LPCD |
| 3 | THRISSUR SWAP 1 Replacement project-8 | AMRUT 2.0-Thrissur Corporation- Construction of WTP of 1 MLD at Kadavaram Pond as source and 5LL OHSR.-Phase-2 | 5.0 | 0.5 | 5.5 | 1) FHTC -1000 2) Existing Connections served-14000 3) HH benefitted-15000 4) Supplying 250mm DI pumping Main- 2 KM 5) Construction of Anchor blocks, 6) Construction of Valve chamber, 7) PWD Road restoration | YES | 3333.33 | 30 LPCD |
| 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 | 1) River crossing bridge for pipe 2) HH benefitted-18000 | 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 to be taken:

The committee may recommend the following to the SHPSC:

- ❖ **Issuance of Administrative Sanction for 5 WS projects amounting to Rs.8.1192 Cr. (CAPEX – Rs. 7.4492 Cr. & OPEX – Rs.0.67 Cr.)**
- ❖ **The TS shall be issued by the concerned only after meeting the following conditions:**
 - **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 NILESHWARAM (Kasargod) AND SHREEKANDAPURAM (Kannur). ULB.

Nileswarem Municipality: (PEROLE MWSS)

Nileswarem 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 of 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. 5954748.33 and the OPEX cost worked out is 140993.966. The unit cost has been worked out by considering the CAPEX cost alone is “Rs.54134”/Household.

Major components proposed:

Micro water supply schemes in Nileswarem 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 new intake well and pump house needs to be developed.
- New distribution Network: 7192 mts /7.192 kms
- Total House hold 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 SWAP1 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 SWAP1 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 to be taken:

The committee may recommend 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 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 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 Shreekanthapuram is very much justified and in accordance with AMRUT guidelines.

- 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 | 1) Side protection works using DR masonry all around the pond, 2) desilting of the pond, 3) fixing hand railing. |

Decision to be taken:

The committee may 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 |

| Sl No. | ULB | Name of the work | State Share (Cr) | ULB share (Cr) | Central Assistance (Cr) |
|--------|--|---|------------------|----------------|-------------------------|
| 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 |
| 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-.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 |

| Sl No. | ULB | Name of the work | State Share (Cr) | ULB share (Cr) | Central Assistance (Cr) |
|--------|--|--|------------------|----------------|-------------------------|
| 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 |
| 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 | Rejuvenation of Kundamkuzhi juma mazjids pond | 0.0049 | 0.015 | 0.02 |

| Sl No. | ULB | Name of the work | State Share (Cr) | ULB share (Cr) | Central Assistance (Cr) |
|--------|--|--|------------------|----------------|-------------------------|
| | TOTAL COST (CR.)= 0.04 CA 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

| 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.)=0.5 O&M (CR.)=0.02 TOTAL COST (CR.)=0.52 | AMRUT 2.0 -Alappuzha Municipality-Waterbody Rejuvenation- Rejuvenation of Pathiyamkulangara Temple Pond in Eravukad ward | 0.25 | 0.1035 | 0.1667 |
| 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 |

| Sl No. | ULB | Name of the work | State share (Cr) | ULB share (Cr) | Central Assistance (Cr) |
|--------|--|--|------------------|----------------|-------------------------|
| 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 |
| 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 | 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 |

| Sl No. | ULB | Name of the work | State share (Cr) | ULB share (Cr) | Central Assistance (Cr) |
|--------------|---|--|------------------|----------------|-------------------------|
| 13 | KOTHAMANGALAM (M) CAPEX (CR.)=0.3 O&M (CR.)=0.05 TOTAL COST (CR.)=0.35 | Rejuvenation of Karinga chira Ward-06 of Kothamangalam 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 Kothamangalam 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 |
| 19 | PERINTHALMANNA (M) CAPEX (CR.)=1.18 O&M (CR.)=0.118 TOTAL COST (CR.)=1.298 | PERINTHALMANNA MUNICIPALITY-MANGALAM KULAM | 0.442 | 0.2655 | 0.59 |
| Total | | | 3.8942 | 3.5081 | 4.1194 |

As per the AMRUT 2.0 Guidelines Cl.6.9.1, the SHPSC will be competent to approve replacement of projects costing up to 10% of respective tranche of SWAP in admissible project components of AMRUT 2.0. Replacement of projects beyond 10% of 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.).

Decision to be taken:

- ❖ The Committee may recommend the cancellation of 23 projects worth 10.996 crore (Capex) with 19 new projects worth Rs. 10.961 crore as replacements.

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.

(Detailed list enclosed as [Annexure-7](#))

Decision to be taken:

- ❖ The Committee may verify the proposals and approve the priority list of projects and recommended fund.

Agenda Item No.10.12: O & M STRATEGY FOR STPS 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 (**Annexure-8**) 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.

Decision to be Taken:

The Committee may take a suitable decision on the O & M strategy to be adopted for the STPs planned to be implemented under AMRUT-2.0 through KWA.

Mission Director, AMRUT