

12th STATE LEVEL TECHNICAL COMMITTEE (SLTC)

ATAL MISSION FOR REJUVENATION & URBAN TRANSFORMATION

(AMRUT 2.0)

AGENDA



Date: 11.07.2024; 11.30 AM

VENUE: MEETING THROUGH VIDEO CONFERENCING



Local Self Government Department, Government of Kerala

INDEX

Agenda Item No.	Topic	Page No.
12.1	APPROVAL OF MINUTES OF THE 11th MEETING OF SLTC.	4
12.2	ACTION TAKEN REPORT ON THE DECISIONS OF THE 10th & 11th SLTC MEETING OF AMRUT 2.0.	4
12.3	PROGRESS OF AMRUT 2.0.	17
12.3.1	PROJECT PROGRESS AS ON 08.07.2024 (Tranches 1&2)	17
12.3.2	PROGRESS ACHIEVED SINCE 11 th SLTC (As on 24.01.2024)	18
12.3.3	FINANCIAL PROGRESS	18
12.3.4	ISSUES HINDERING THE PROGRESS	18
12.4	AMRUT 2.0- WATER SUPPLY PROJECTS	19
12.4.1	ADMINISTRATIVE SANCTION OF WATER SUPPLY PROJECT- AMRUT 2.0 - WSS TO ERATTUPETTA MUNICIPALITY- ZONE1; PHASE- 1 UNDER SWAP 2 OF THE ERATTUPETTA ULB	19
12.4.2	CANCELLATION & REPLACEMENT OF WATER SUPPLY PROJECTS UNDER SWAP 1&2 OF THE THRISSUR CORPORATION	22
12.4.3	WATER SUPPLY SECTOR – REVISION OF ADMINISTRATIVE SANCTION FOR 6 PROJECTS	24
12.4.4	APPROVAL OF STATE WATER ACTION PLAN- TRANCHE III-SWAP-3 - WATER SUPPLY PROPOSALS	28
12.5	SEWERAGE & SEPTAGE SECTOR-APPROVAL OF STATE WATER ACTION PLAN- TRANCHE III	39
12.6	REJUVENATION OF WATER BODIES AND DEVELOPING GREEN SPACES AND PARKS PROJECTS	41
12.6.1	ADMINISTRATIVE SANCTION FOR REJUVENATION OF WATERBODY PROJECTS UNDER SWAP-2	41
12.6.2	CANCELLATION OF WATERBODY REJUVENATION PROJECTS APPROVED UNDER THE 2 nd TRANCHE OF SWAP AND REPLACEMENT WITH NEW PROJECTS	45
12.6.3	REVISION OF ADMINISTRATIVE SANCTION FOR FIVE PROJECTS	48

Agenda Item No.	Topic	Page No.
12.6.4	APPROVAL OF STATE WATER ACTION PLAN- TRANCHE III- SWAP-3 PROPOSALS	51
12.7	GENERAL AGENDA	54
12.7.1	AMRUT MITRA	54
12.7.2	24X7 WATER SUPPLY WITH DRINK FROM TAP FACILITY- RECONSTITUTION OF THE STATE-LEVEL TASK FORCE	55
12.7.3	SELECTION OF THE PROJECT DEVELOPMENT MANAGEMENT CONSULTANCY	59
12.7.4	AMRUT 2.0 CAPACITY BUILDING PROGRAMME- AUTHORIZE THE MISSION DIRECTOR OF AMRUT TO APPROVE AIR TRAVEL FOR THE OFFICIALS ATTENDING AMRUT-RELATED PROGRAMS.	61
12.7.5	SETTING UP OF ADDITIONAL OFFICE SPACE FOR SMMU- REVISION OF ADMINISTRATIVE SANCTION	61
12.8	SUB SCHEME ‘FORMULATION OF GIS BASED MASTER PLANS FOR CLASS II TOWNS UNDER AMRUT 2.0’	62
12.8.1	GRANTING PERMISSION TO THE STATE NODAL AGENCY (LOCAL SELF GOVERNMENT DEPARTMENT (PLANNING)) FOR ENGAGING CENTRE FOR MANAGEMENT DEVELOPMENT (CMD) IN TENDER PROCESS FOR SELECTING CONSULTANTS FOR OUTSOURCING MASTER PLAN PREPARATION WORKS UNDER THE SUB SCHEME ‘FORMULATION OF GIS BASED MASTER PLANS FOR CLASS II TOWNS UNDER AMRUT 2.0’	62
12.8.2	APPOINTMENT OF PLANNER CONSULTANT AND PLANNER ASSOCIATES UNDER THE SCHEME OF FORMULATION OF GIS-BASED MASTER PLANS FOR 49 AMRUT 2.0 TOWNS	63

Agenda Item No.12.1: APPROVAL OF MINUTES OF THE 11th MEETING OF SLTC

The minutes of the 11th SLTC meeting of AMRUT 2.0 held on 24th January 2024 is enclosed as **Annexure -1**.

Decision to be Taken:

- ❖ The Committee may approve the minutes of the 11th SLTC meeting of AMRUT 2.0.

Agenda Item No.12.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 10th & 11th SLTC MEETINGS OF AMRUT 2.0

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

10th SLTC Decision:

- ❖ The Committee/chair has directed the ULB to rework the DPR for the Valanchery Micro Water supply scheme as the unit cost per household comes to around 75,828/HH. The ULB representative has conveyed further refinement and perfection of the detailed report with all Technical and costing perfection.
- ❖ The Mission Director, AMRUT has suggested the ULB for a separate meeting at SMMU to resolve the issues.

Action Taken:

- ❖ The revised submitted report has been scrutinized by the Mission Director, AMRUT With the Valanchery ULB team from the technical point of view on 8/7/2024 with respect to Rainfall characteristics and asked to look in to past 25 years mean average rain fall of the study area for working out the Run- coefficient, hydrological factor, water balance of the proposed Check dam, Flow characteristics and flow velocity of the Spring /stream during various seasons, Exact total Volume of water which can be harvested month wise, rate of siltation from the catchment towards proposed Check dam, Evapotranspiration losses, percolation/ infiltration losses etc needs to be detailed further and a revised DPR needs to be submitted at the earliest. Also, a detailed cost estimation for Each activity proposed has to be comprehensive and precise in the DPR. Even though the subject work is placed for consideration, The same will be meticulously taken for administrative sanction based on the satisfactory inclusion of required data set and further refinement and perfection of DPR.

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

10th SLTC Decision:

- ❖ The Committee directed the Deputy Chief Engineer, PIU, KWA to submit the report by the 1st week of February 2024.

Action Taken:

- ❖ The revised report is awaited from KWA.
- ❖ The 2nd SHPSC decision to meet the O&M cost may be followed as under:

- 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.*

Agenda Item No.11.3: PROGRESS OF AMRUT 2.0

11th SLTC Decision:

- ❖ *The Committee has discussed the status of works in each sector and expressed dissatisfaction over the slow progress towards the Micro Water supply sector. The Committee observed that all the approved 15 Micro water supply projects are awaiting technical sanction for a longer time. The Technical Sanction (T/S) Committee was strongly instructed to expedite the process of issuing the technical sanction on an urgent basis. MD AMRUT has conveyed that quicker action and appropriate decisions will be taken on Micro water supply systems.*
- ❖ *The Committee also observed that there are 37 projects that have not initiated tender procedures even after getting technical sanction and 113 projects that have not been awarded even after issuing NIT. The Committee asked to identify the causes of delay in tendering and awarding. KWA and ULBs were asked to take urgent steps to speed up the progress.*
- ❖ *The DCE KWA stated that water supply projects can be considered as "started" if the Contractor has ordered the pipes after signing the Agreement. Therefore, the actual progress of KWA may exceed the progress shown in the table.*
- ❖ *The Committee noted that there is an inordinate delay in submission of remaining 14 Micro Water supply schemes DPR's due to varied technical and other reason of mismatch between ULB and the hired technical consultancy named CWRDM and few other agencies.*
- ❖ *The committee has also suggested that all the pending MWSS DPR Works stands temporarily canceled and if any prospective DPR adhering to all requirements are through at later stages can be considered.*
- ❖ *The committee has decided to form a technical cell to prepare a proposal to provide drinking water to the saline water intruded zones of Kasargod where in the micro water supply is not feasible due to salinity and other water Quality issues. (Technical Team comprising of AMRUT, KWA and other competent members shall be formed to work on the above issue)*
- ❖ *The committee has suggested a concrete proposal/master plan (by convergence of AMRUT, UIDF and other funds on convergence mode) for a comprehensive scheme for ULBs of Kasargod district to provide safe and potable drinking water in the salinity affected regions.*
- ❖ *The long pending micro water supply projects at Wadakkanchery (Trichur) is also discussed and the same shall stand temporarily canceled until further DPR adhering to all statute requirements of yield testing, water quality assessment and stipulated Unit cost are adhered to.*

8th SHPSC Decision: (Minutes of the 8th SHPSC is attached as Annexure – 1B)

- ❖ *The progress of AMRUT 2.0 was discussed in the SHPSC meeting. The Mission Director AMRUT was instructed to present the financial status of the project in the next meeting onwards. The financial status should include the total amount received from the Government of India, the expenditure incurred, and the remaining fund available for the project.*
- ❖ *The SHPSC approved the recommendations of the SLTC Meeting to temporarily cancel all the Micro WSS, for which DPRs are pending for a very long time, further, if any prospective DPR adhering to all statutory requirements are through at later stages can be considered based on its viability in terms of Quality and Quantity assessment (Yield testing)*
- ❖ *The SHPSC approved the recommendations of the SLTC Meeting to form a technical cell to prepare a proposal to provide drinking water to the saline water intrusion zones of Kasargod especially Kanhangad and Neeleswaram ULB'S where the micro water supply is not feasible due to salinity and other water Quality issues. (Technical Team comprising of AMRUT, KWA and other competent members shall be formed to work on the above issue.)*

- ❖ *The SHPSC instructed the MD KWA to provide a concrete proposal/master plan in due reference to the quoted earlier submission of “Kasargod Development Package” (by convergence of AMRUT, UIDF and other relevant or proposed funds) for a comprehensive scheme for ULBs of Kasaragod district for providing safe and potable drinking water in the salinity affected regions.*
- ❖ *The SHPSC approved the rank lists of Administrative officer & Accounts officer posts and entrusted the Mission Director AMRUT for issuing the appointment orders to the selected candidates.*
- ❖ *The SHPSC noted that KWA is responsible for executing around 90% of the projects under the AMRUT scheme. Therefore, the SHPSC decided that funds should be allocated for setting up a Project Management Unit (PMU) and further hiring additional Technical staff members to execute the work in a defined time frame. The MD of KWA was instructed to furnish a detailed proposal to the Mission Director on the above matter.*

Action Taken:

- **Financial status of AMRUT 2.0 is included in the Agenda.**
- **Micro Water supply scheme:**
 - ❖ As far as the MWSS is concerned, Technical sanction is being through for 8 micro water supply systems of Kothamangalam ULB, among which 4 numbers being Given Conditional sanction. About 4 schemes have gone for NIT.
 - ❖ Further, 4 projects of Panoor ULB, “NEDINGA SWARNA DHARA” of Sreekandapuram ULB, “PEROLE” of Neeleswaram ULB got Administrative sanctions. But till now the ULB has failed to include the same in PRICE software towards further Technical sanctioning. while rest of the project is standstill and moreover, as the present monsoon/ rainy period is not conducive for conducting yield testing of wells because of absolute recharge and incongruous results, The same should be conducted during peak summer months to understand the actual yield of wells and the number of populace it could serve. The remaining 14 projects are in stand still mode due to various technical and administrative reasons.
- **Proposal for Kasargod Development Package-Proposal from Kerala Water Authority is not received.**
- **Appointment of Administrative Officer & Accounts Officer -Government decision is awaited.**

Agenda Item No.11.4: APPROVAL OF SWAP-3 PROPOSALS – SEWERAGE & SEPTAGE SECTOR – PALAKKAD MUNICIPALITY:

11th SLTC Decision:

- ❖ *The Committee took note of the report submitted by the Secretary, Palakkad, and decided to recommend the SWAP-3 proposal worth Rs.0.43 Cr. (Capex: Rs.0.40 Cr. & Opex: Rs.0.03 Cr.) of Palakkad Municipality to the SHPSC for approval for inclusion in SWAP-3.*

8th SHPSC Decision:

- ❖ *The SHPSC took note of the SLTC recommendation and decided to approve the inclusion of the proposal of Palakkad Municipality, worth Rs.0.43 Cr. (Capex: Rs.0.40 Cr. & Opex: Rs.0.03 Cr.), in the SWAP-3.*

Action Taken:

- ❖ **SWAP-3 proposals will be submitted to the MoHUA after finalizing the total SWAP3. SWAP 3 proposals are placed before the Committee for approval.**

Agenda Item No.11.5: APPROVAL OF STATE WATER ACTION PLAN- TRANCHE III- SWAP-3 PROPOSALS -REJUVENATION OF WATER BODIES AND DEVELOPING GREEN SPACES AND PARKS PROJECTS.

11th SLTC Decision:

- ❖ *The Committee recommended Tranche 3 of the State Water Action Plan to the SHPSC for submission before the APEX committee for approval of three project proposals for the rejuvenation of water bodies for an amount of Rs.0.869 Cr (CAPEX- Rs. 0.789 Cr. and O & M 0.08 Cr).*

8th SHPSC Decision:

- ❖ *The SHPSC approved the three project proposals for the rejuvenation of water bodies for an amount of Rs. 0.869 crore (CAPEX-Rs. 0.789 crore and O & M 0.08 crore) for submission before the Apex Committee along with Tranche 3 proposals.*

Action Taken:

- ❖ **SWAP-3 proposals will be submitted to the MoHUA after finalizing the total SWAP3. SWAP 3 proposals are placed before the Committee for approval.**

Agenda Item No.11.6: ADMINISTRATIVE SANCTION FOR REJUVENATION OF WATERBODY PROJECTS APPROVED UNDER SWAP-2:

11th SLTC Decision:

- ❖ **The Chair examined the proposals in detail and instructed the Mission Director AMRUT to reexamine the DPRs thoroughly before presenting them to the SHPSC.**
- ❖ **The committee accorded in principle sanction for the 4 projects under Rejuvenation of Water Bodies amounting to Rs. 1.4 Cr. (CAPEX –1.3144 Cr. & OPEX - Rs. 0.0856Cr.) subject to the condition that the DPRs are verified thoroughly and recommended by the Mission Director AMRUT:**
- ❖ **TS shall be issued after ensuring the following;**
 - *The projects are Geotagged.*
 - *Other Central/ State fund is not utilized for the project components included in the proposed projects*
 - *The benefit of all the projects including temple pond rejuvenation projects reach the public.*
- ❖ **ULBs to ensure the non-inclusion of Operation & Maintenance costs 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 fund.**

8th SHPSC Decision:

- ❖ **The Committee accorded Administrative Sanction for the 4 projects under Rejuvenation of Water Bodies amounting to Rs. 1.4 crore (CAPEX –1.3144 Cr. & OPEX - Rs. 0.0856Cr) provided that the ULBs obtain the consent and undertaking from the owners of the ponds.**

Action Taken:

- ❖ GO was issued vide GO (Rt) No. 486/2024/LSGD dated 01.03.2024

Agenda Item No.11.7: CANCELLATION OF WATERBODY REJUVENATION PROJECTS APPROVED UNDER THE 2nd TRANCHE OF SWAP AND REPLACEMENT WITH NEW PROJECTS:

11th SLTC Decision:

- ❖ The chair expressed strong displeasure and opined that it is not a healthy trend to cancel projects that have been approved by the Chief Secretary and the Apex Committee. The projects should be planned with an eye toward the availability of land, ground conditions, technical soundness, and financial sustainability. In the future, Municipal Secretaries should submit proposals to AMRUT only for projects where unconditional land is available. Strict action will be taken against the defaulting Secretaries.
- ❖ The Secretaries should provide an undertaking to the M.D, AMRUT regarding the ownership of the land and in case of religious ponds, get an undertaking from the concerned religious authority that public access should not be denied.
- ❖ The M.D AMRUT shall recheck the DPR of high value projects viz. Sl.No. 5, 11.
- ❖ The MD, AMRUT should check the proposals for rejuvenation of Sl.4 under Kochi Corporation.
- ❖ Subject to above, the following decisions are taken;
- ❖ The committee decided to recommend the cancellation of 22 projects for Rs.10.914 Cr. (Capex Rs.10.34, O & M Rs.0.574 Cr) and replacement with 18 projects for Rs. 9.834 Cr. (Capex Rs. 9.404 cr. and O & M Rs. 0.430 Cr) to the SHPSC.

8th SHPSC Decision:

- ❖ The committee accorded sanction for the cancellation of 22 projects for Rs. 10.914 crore (Capex Rs. 10.34 crore Rs.0.574 O&M Rs. 0.574 crore) and replacement with 18 projects for Rs. 9.834 crore (Capex Rs. 9.404 crore and O&M Rs. 0.430 crore).

Action Taken:

- ❖ Cancellation and replacement proposals have been submitted to MoHUA. Administration Sanction proposals for 16 projects have been placed in this SLTC.

Agenda Item No.11.8: AMRUT 2.0 - WATER SUPPLY SECTOR – REVISION OF ADMINISTRATIVE SANCTION DUE TO DESIGN CHANGE & TENDER EXCESS:

Agenda Item No.11.9: AMRUT 2.0- ELOOR MUNICIPALITY -WATER SUPPLY SECTOR – REVISION OF ADMINISTRATIVE SANCTION DUE TO 16.5% TENDER EXCESS

Agenda Item No.11.10: AMRUT 2.0- KALAMASSERY MUNICIPALITY - WATER SUPPLY SECTOR – REVISION OF ADMINISTRATIVE SANCTION DUE TO 12.52% TENDER EXCESS

Agenda Item No.11.11: AMRUT 2.0- KOCHI CORPORATION - WATER SUPPLY SECTOR – REVISION OF ADMINISTRATIVE SANCTION DUE TO 10% TENDER EXCESS & ADDITIONAL WORKS

Agenda Item No.11.12: AMRUT 2.0- KATTAPPANA MUNICIPALITY - WATER SUPPLY SECTOR – REVISION OF ADMINISTRATIVE SANCTION DUE TO 8.89% TENDER EXCESS

Agenda Item No.11.13:	<u>AMRUT 2.0 - PALA MUNICIPALITY - WATER SUPPLY SECTOR – REVISION OF ADMINISTRATIVE SANCTION DUE TO 9.99 % TENDER EXCESS</u>
Agenda Item No.11.14:	<u>AMRUT 2.0 - ETTUMANOOR MUNICIPALITY - WATER SUPPLY SECTOR – REVISION OF ADMINISTRATIVE SANCTION DUE TO 9.99 % TENDER EXCESS</u>
Agenda Item No.11.15:	<u>AMRUT 2.0 - THALASSERI MUNICIPALITY - WATER SUPPLY SECTOR – REVISION OF ADMINISTRATIVE SANCTION DUE TO TENDER EXCESS OF 3 SUB PROJECTS</u>
Agenda Item No.11.16:	<u>AMRUT 2.0 - THIRUVANANTHAPURAM CORPORATION - WATER SUPPLY SECTOR – REVISION OF ADMINISTRATIVE SANCTION DUE TO ESTIMATE REVISION</u>
Agenda Item No.11.17:	<u>AMRUT 2.0 - IRINJALAKUDA MUNICIPALITY - REVISION OF ADMINISTRATIVE SANCTION DUE TO 7.50 % TENDER EXCESS</u>
Agenda Item No.11.18:	<u>AMRUT 2.0- CHALAKUDY MUNICIPALITY - REVISION OF ADMINISTRATIVE SANCTION DUE TO 4.28 % TENDER EXCESS</u>
Agenda Item No.11.19:	<u>AMRUT 2.0- WADAKKANCHERY MUNICIPALITY- REVISION OF ADMINISTRATIVE SANCTION DUE TO 9.43% TENDER EXCESS:</u>
Agenda Item No.11.20:	<u>AMRUT 2.0 - TIRURANGADI MUNICIPALITY - REVISION OF ADMINISTRATIVE SANCTION DUE TO 9.99% TENDER EXCESS:</u>
Agenda Item No.11.21:	<u>AMRUT 2.0 - PARAVOOR (SOUTH) MUNICIPALITY - WATER SUPPLY SECTOR - REVISION OF ADMINISTRATIVE SANCTION DUE TO ESTIMATE REVISION:</u>
Agenda Item No.11.22:	<u>AMRUT 2.0- WSS TO PAYYOLI MUNICIPALITY- REVISION OF ADMINISTRATIVE SANCTION DUE TO 9.99 % TENDER EXCESS</u>
Agenda Item No.11.23:	<u>AMRUT 2.0- WSS TO MUVATTUPUZHA MUNICIPALITY- REVISION OF ADMINISTRATIVE SANCTION DUE TO DEVIATION AND TENDER EXCESS</u>
8th SHPSC Decision: <ul style="list-style-type: none"> ❖ <i>The SHPSC approved the recommendations of the SLTC that for 9 AMRUT 1.0 cities, 75% of the amount due to tender excess is to be met by the ULB and the balance 25% is to be met by the State. For AMRUT 2.0 cities, 50% of the amount due to tender excess is to be met by the ULB and the balance 50 % is to be met by the State. The excess amount due to the additional works shall be borne from the savings in SWAP-1 & 2</i> ❖ <i>The Committee accorded sanction to revise the administrative sanction of the following 9 Water Supply projects subject to the above conditions:</i> <ol style="list-style-type: none"> 1) <i>“AMRUT 2.0 AWSS To Kollam Corporation - Improvements to Water Supply in Thrikkadavoor Zone - Construction Of 15 LL OHSR In Anchalumoodu Kollam Corporation Phase -I- Distribution Improvements” to Rs.7.869 Cr. (CAPEX- 7.7628, OPEX- 0.1062) due to design change and location change.</i> 2) <i>“AMRUT 2.0- SWAP- 2- UWSS to Kattappana Municipality – Providing Functional Household Tap Connections to Households” to Rs.16.5083 Cr. (CAPEX- 14.5082 Cr., OPEX- 2 Cr.) due to 8.89% tender excess.</i> 	

- 3) "AMRUT 2.0 - WSS to Thalassery Municipality-Extension / Replacement of Distribution network& Providing FHTCs in Thalassery Municipality" to Rs.27.565 Cr. (CAPEX- 25.717 Cr., OPEX- 1.848) due to tender excesses (<10%) of three sub projects.
- 4) "AMRUT 2.0- Providing additional pumping system, FHTCs and construction of 2LL OHSR for improving the water supply at Chanthakunnu area" of Irinjalakuda Municipality to Rs.3.464 Cr. (CAPEX- 3.31 OPEX- 0.154) due to 7.5% tender excess.
- 5) "AMRUT 2.0 - Improvements to AUWSS at Chalakudy Municipality – General Civil Work" to Rs.13.32 Cr. (CAPEX- 12.12, OPEX- 1.20) due to 4.28% tender excess.
- 6) "AMRUT 2.0-SWAP-1 Wadakkanchery Municipality augmentation of existing WSS-replacing 250mm,150mm,100mm,80 AC pipes with 250mm DI, 160mm, 110mm, 90mm PVC pipes" to Rs.4.82 Cr. (CAPEX- 4.57, OPEX- 0.25) due to 9.43% tender excess.
- 7) "Providing house connections and distribution network in Paravoor Municipality", from Rs.13.158 Cr. to Rs.16.3201 Cr. (CAPEX: Rs.16.1692 Cr. & OPEX: Rs.0.1509) due to revision of estimate and excess in road restoration cost.
- 8) AMRUT – 2.0 – WSS to Payyoli Municipality in Kozhikode district to Rs.17.212 Cr. (CAPEX 16.749 Cr and OPEX 0.463 Cr) due to 9.99% tender excess.
- 9) "AMRUT 2.0 – Supply, Erection and Commissioning of Chlorine Absorption System at 36 MLD WTP" to Rs.0.1228 Cr. (CAPEX- 0.1178, OPEX- 0.005) due to estimate revision.

❖ The Committee accorded in principle sanction to revise the administrative sanction of the following 5 Water Supply projects as per the recommendation from the Managing Director, KWA and subject to the above conditions.

1. Priority 2- Improving Production capacity of 100 MLD WTP- Supply and fixing of VT pump sets at RWPH, Pazhoor and interconnection" in Kochi Corporation to Rs.5.00 Cr. (CAPEX-Rs 4.6 Cr, OPEX– Rs 0.40 Cr.) due to additional works.
2. "AMRUT 2.0- Augmentation of UWSS to Pala Municipality in Kottayam District" to Rs.5.633 Cr. (CAPEX- 5.333, OPEX- 0.30) due to 9.99% tender excess.
3. "AMRUT 2.0-Providing water connection and pipeline Extension in Ettumanoor Municipality" to Rs.13.1954 Cr. (CAPEX- 12.0054, OPEX-1.190) due to 9.99% tender excess.
4. "AMRUT 2.0 - Water Supply Scheme to Tirurangadi Municipality (Phase-1)" to Rs.16.219 Cr. (CAPEX- 15.219 Cr., OPEX- 1 Cr.) due to 9.99% tender excess.
5. "AMRUT 2.0-Muvattupuzha Municipality-Renovation of Existing Water Supply Scheme UWSS to Muvattupuzha & Providing FHTC to all Households" to Rs. 7.875 Cr. (CAPEX- 7.79 Cr, OPEX- 0.0848 Cr) due to 8.87% tender excess & increase in Road restoration charges.

❖ The Committee deferred the requests for revision of AS from Eloor & Kalamassery as the approvals for the tender excesses are awaited from the Government since the tender excesses are above 10 % of the tendered PAC.

Action Taken:

Agenda item 11.8-11.23:

❖ The revised administrative sanction for 14 water supply projects was accorded vide GO(Rt) No.559/2024/LSGD dated 07.03.2024.

Agenda Item No. 11.24: AMRUT 2.0 - SANCTION OF THE RELEASE OF Rs.10 Cr. TO THE GOVERNMENT OF KERALA UNDER THE REFORM INCENTIVE COMPONENT OF THIRUVANANTHAPURAM CORPORATION

11th SLTC Decision:

The committee noted the release of 10 Cr as the reform incentive for the year 2023-2024 and directed as follows

- ❖ *The Finance department shall expedite the process of release of funds to AMRUT and the Mission Director shall follow up with the Government for the release of G.O accordingly.*
- ❖ *The Secretary Thiruvananthapuram Corporation shall prepare and submit proposals at the earliest to AMRUT for the following purposes.*
 1. *Property Tax Mapping through Drone Based Survey/Other latest technologies.*
 2. *Reduction in Non-Revenue Water (Introduction of Smart Elements).*
 3. *Mechanized Sewage/Septage cleaning equipment*

8th SHPSC Decision:

- ❖ *The Committee noted that MoHUA has granted a reform incentive of Rs.10 Cr to Thiruvananthapuram Corporation for the coverage of water supply of more than 85% during the year 2023-2024.*
- ❖ *As the incentive was sanctioned for the coverage of water supply, the Principal Secretary Finance dpt. advised that the fund should be used for water supply related projects.*
- ❖ *MD, KWA proposed to use the fund for implementing SCADA for reducing non-revenue water in Thiruvananthapuram.*
- ❖ *The Secretary, Thiruvananthapuram Corporation stated that the Corporation intends to submit a proposal on flood mitigation with the fund and will get the Council approval shortly.*
- ❖ *The Committee instructed the MD KWA and the Secretary Thiruvananthapuram Corporation to submit the proposals for the following purposes as early as possible.*
 - *Property Tax Mapping through Drone Based Survey/Other latest technologies.*
 - *Reduction in Non-Revenue Water (Introduction of Smart Elements).*
 - *Mechanized Sewage/Septage cleaning equipment*

Action Taken:

- ❖ **Proposals** are awaited from the Secretary, Thiruvananthapuram Corporation, and MD, KWA.

Agenda Item No. 11.25: AMRUT 2.0 - TECHNOLOGY SUBMISSION - CHALLENGE 2-SELECTION OF 4 START-UPS AND FINANCIAL ASSISTANCE

11th SLTC Decision:

The Committee took note of the selection of 4 startups and directed as follows.

- ❖ *The Concerned ULB shall identify the proper location for the implementation of the project in consultation with the Start Ups.*
- ❖ *An action plan including the timelines, proposed outcome and envisaged impacts has to be prepared by Start-Ups in due consultation with ULBs and the details shall be submitted to AMRUT SMMU office before the SHPSC.*

Action Taken:

- ❖ **The Start-Ups have prepared a detailed action plan with timelines in consultation with the concerned Urban Local Bodies for the completion of the project within the stipulated timeframe.**
- ❖ **The Start-Ups have submitted the action plan to SMMU.**
- ❖ **The MoU with the ULBs has been executed and all 4 Start-Ups have initiated work.**

- ❖ The Start-Up mapped in Kollam (COFBA Networks) for implementing the Micro STPs to Manage Liquid Waste. The project has been completed and was inaugurated by the Hon. Mayor Kollam Corporation
- ❖ The Project in Brief- The Toilet waste and kitchen liquid waste from each house are collected in a tank. The collected water is pumped into a conical-shaped tank where their ecohealth solution is added in the specified ratio. After 5 hours, solid waste settles at the bottom, leaving clean water at the top. The clean water can be accessed through a valve and can be used for gardening purposes.

Agenda Item No. 11.26: FORMULATION OF GIS BASED MASTER PLAN UNDER AMRUT 2.0 - RELEASE OF THE 1st INSTALLMENT (20% OF THE APPROVED COST)

11th SLTC Decision:

- ❖ The Committee took note of the release of Rs. 7,05,60,000/- as the 1st installment of funds (20%) for the components of preparation of GIS based Master Plans for class (tier) II towns with population 50000-99999 as per the State Action Plan and directed as follows.
 - Action Plan for preparation of various thematic layers with defined timelines and output needs to be elaborated towards the preparation of GIS Based Master Plan for the 49 towns. It shall be prepared by the Chief Town Planner, LSGD (planning) and the Mission Director, AMRUT shall ensure the apt preparation of an action plan.

8th SHPSC Decision:

- ❖ The Committee noted that Government of India have released Rs. 7,05,60,000/- (Rupees Seven Crore Five Lakh Sixty Thousand only) to Government of Kerala as 1st Installment (20% of the approved cost) for the components of preparation of GIS based Master Plans (Rs. 6.86 Crores) and Capacity Building (Rs.19.60 lakhs) under the Scheme of Preparation of GIS based Master Plans for class II towns.
- ❖ The Committee approved the recommendation of the SLTC and instructed the Chief Town Planner, LSGD (planning) to prepare an action plan within a month for developing various thematic layers with defined timelines and output needs for the preparation of GIS Based Master Plan for the 49 towns and submitted to the Mission Director, AMRUT. MD AMRUT shall ensure that an appropriate action plan is prepared.

Action Taken:

- ❖ The Chief Town Planner (Planning) has submitted the action plan for the implementation of GIS-based Master Plan for the 49 selected cities to SMMU and a detailed presentation has been done.

Agenda Item No. 11.27: AMRUT REFORM INCENTIVES - DISTRIBUTION TO ULBs

11th SLTC Decision:

Deliberations:

- ❖ The Deputy Chief Engineer, Kerala Water Authority has requested to get a share of reform incentive to meet the expenses of support staff for the implementation of AMRUT 2.0 project.
- ❖ The Committee observed that the Kerala Water Authority is the major stakeholder and more than 90% of the works are being implemented by them. Hence a portion of the incentive amount may be given to KWA to hire good supporting technical hands for speedy disposal of project initiatives.
- ❖ The Mission Director AMRUT informed the committee that, as per the guidelines issued by MoHUA, the salary component of regular employees is an inadmissible component under AMRUT and hence the reform incentive amount cannot be used for salary purposes. The incentive amount can only be used for purposes specified in the reform incentive utilization guidelines.

Decision:

- ❖ *The Committee took note of the reform incentive allotment to 4 cities and recommended the same to SHPSC.*
- ❖ *The committee suggested to work out the possibilities of giving an amount of Rs.50 lakhs (From the 4.5 Cr. for the Urban Policy commission) as an incentive to KWA for procuring machinery and software as part of NRW reduction.*
- ❖ *The Committee also directed to explore the possibilities of providing supporting staff to KWA for the implementation of AMRUT 2.0 works.*

8th SHPSC Decision:

- ❖ *SHPSC approved the recommendations of the SLTC in allocating the reform incentive to the four ULBs for ULB share and also to allocate Rs.50 lakhs as an incentive to KWA for procuring machinery and software as part of NRW reduction.*
- ❖ *SHPSC approved the release of the Reform Incentive (4.92Cr.) to the 4 ULBs for the ULB share of AMRUT 1.0 projects as follows;*
 - *Guruvayur - Rs. 1.66 Cr.*
 - *Palakkad- Rs. 0.73 Cr.*
 - *Kannur- Rs. 1.78 Cr.*
 - *Alappuzha- Rs. 0.75 Cr.*

Action Taken:

- ❖ **The approved funds have been released to Guruvayur (Rs.1.66 Cr), Palakkad (0.73 Cr), Kannur (1.78 Cr), and Alappuzha (0.75 Cr) for the ULB share.**

Agenda Item No. 11.28: PERMISSION FOR UTILIZING THE REFORM INCENTIVE FUNDS UNDER AMRUT FOR IMPLEMENTING LOCAL AREA PLANS (LAP) IN FIVE CITIES AND OPENING OF SEPARATE BANK ACCOUNT AT STATE LEVEL & IMPLEMENTING AGENCIES LEVEL**11th SLTC Decision:**

- ❖ *The Committee approved and recommended the proposals of 5 cities [Kochi Corporation, Thrissur Corporation, Palakkad Municipality, Kollam Corporation and Kozhikode Corporation] to SHPSC for implementing Local Area Plans.*
- ❖ *The committee recommended to SHPSC for granting permission to AMRUT Mission Director to transfer Rs. 158 Lakhs from the AMRUT reforms funds to the Saving Bank Account to be created for the mentioned purpose by the Chief Town Planner (Planning).*
- ❖ *The Committee approved and recommend to SHPSC for granting permission to the Local Self Government Department (Planning) to open a separate bank account (Current/Savings) in the name of Chief Town Planner (Planning) and for Implementing Agencies [(District Offices of LSGD (Planning) i.e Kollam, Ernakulam, Palakkad, Thrissur and Kozhikode Cities] to handle the fund granted for the preparation of Local Area Plan in the Indian Bank, Thycaud Branch where the current SNA account of AMRUT is operational.*

8th SHPSC Decision:

- ❖ *The Committee approved the proposals of 5 cities [Kochi Corporation, Thrissur Corporation, Palakkad Municipality, Kollam Corporation and Kozhikode Corporation] for implementing Local Area Plans.*
- ❖ *The committee granted permission to AMRUT Mission Director to transfer Rs. 158 Lakhs from the AMRUT reforms funds to the Saving Bank Account to be created for the mentioned purpose by the Chief Town Planner (Planning).*

<ul style="list-style-type: none"> ❖ The SHPSC granted permission to the Local Self Government Department (Planning) to open a separate bank account in the name of the Chief Town Planner (Planning) and for Implementing Agencies [(District Offices of LSGD (Planning), i.e., Kollam, Ernakulam, Palakkad, Thrissur, and Kozhikode Cities] to handle the fund granted for the preparation of the local area plan in the Indian Bank, Thycaud Branch, where the current SNA account of AMRUT is operational. ❖ Plan of Action shall be submitted to the Mission Director AMRUT within a period of 1 month.
<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ A separate Savings Bank Account in the name of the Chief Town Planner (Planning) has been opened for the preparation of a Local Area Plan for 5 cities. ❖ The approved funds (158 lakhs) have been released to the Savings Bank Account of the Chief Town Planner (Planning). ❖ The Plan of Action for the implementation of the Local Area Plan of Kollam, Ernakulam, Palakkad, Thrissur, and Kozhikode has been submitted by the Chief Town Planner (Planning).
<p>Agenda Item No. 11.29: <u>KERALA URBAN POLICY COMMISSION - APPROVAL TO MEET THE EXPENSES FROM AMRUT REFORMS INCENTIVES</u></p>
<p>11th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ The committee directed to earmark an amount of 4 Cr for the activities of the Urban Policy Commission and recommended the same to SHPSC.
<p>8th SHPSC Decision:</p> <ul style="list-style-type: none"> ❖ The SHPSC approved the recommendations of the SLTC meeting to earmark an amount of 4 Cr for the activities of the Urban Policy Commission. ❖ A separate bank account shall be opened in the name of the Principal Director, Local Self Government Department for transferring the funds from AMRUT Mission. The Principal Director shall ensure the release of funds to KILA based on the bills submitted.
<p>Action Taken:</p> <ul style="list-style-type: none"> ❖ Earmarked an amount of Rs. 4 Cr from the reforms incentives funds of AMRUT for the activities for the preparation of Urban Policy Commission. ❖ The Government Order- G.O.(Rt)No.511/2024/LSGD Dated, 02-03-2024 accorded sanction to meet the expenditure for the first Urban Policy Commission meeting conducted on 4-7 March 2024, from the AMRUT Reforms incentive fund by SMMU, AMRUT and directed to release the balance amount after deducting this expense from the 4 Cr to the separate bank account for Urban Policy Commission opened by the Principal Director. ❖ Based on the Government order SMMU had met the expenses of the 1st physical meeting of the members of the Urban Policy Commission and the balance amount of Rs. 3,79,20977/- has been transferred to the Bank account opened by the Principal Director.
<p>Agenda Item No.11.30: <u>AMRUT 2.0 - TAKING UP OF ALTERNATIVE PROJECTS UNDER SWAP 1&2 FOR THE PROJECTS SHIFTED TO AMRUT 1.0:</u></p>
<p>11th SLTC Decision:</p> <ul style="list-style-type: none"> ❖ The Committee decided to recommend the following to the SHPSC subject to the approval of the Apex committee:

<ul style="list-style-type: none"> the replacement of 30 proposals for an amount of Rs.171.6272 Cr. (CAPEX – Rs.164.9871 Cr. & OPEX – Rs.6.6401 Cr.) Administrative sanction to the substituted water supply projects for an amount of Rs. 185.409 Cr. (CAPEX- Rs.175.067 Cr. & OPEX- Rs.10.342 Cr.) <p>❖ Based on the request from the KWA, the Committee suggested for considering the project proposal from Maradu Municipality for additional works in Raw water pumping main from Pazhoor pump house in SWAP-3.</p>
<p>8th SHPSC Decision:</p> <p>❖ The SHPSC approved the cancellation of 43 works (WS-31 & SEW-12) worth Rs.193.569 Cr. -31 water supply proposals for an amount of Rs.190.4672 Cr. (CAPEX – Rs.183.2271 Cr. & OPEX – Rs.7.2401 Cr.) and 12 Sewerage projects for an amount of Rs.36.907 Cr. (CAPEX – Rs.35.069 Cr. & OPEX – Rs.1.838 Cr.) for submitting before the APEX committee for approval. (41 works are to be transferred to AMRUT 1.0 and 2 works are to be cancelled) 0</p> <p>❖ The SHPSC approved the substituted water supply projects for an amount of Rs. 185.409 Cr. (CAPEX- Rs.175.067 Cr. & OPEX- Rs.10.342 Cr.) for submitting before the APEX committee.</p>
<p>Action Taken:</p> <p>❖ Based on the 11th SLTC Decision No. 11.30, the 8th SHPSC Decision No. 8.16 approved a list of SWAP 1 substituted water supply projects totaling Rs. 185.409 crore (CAPEX: Rs. 175.067 crore & OPEX: Rs. 10.342 crore). This was due to the shift of 41 works (29 WS and 12 SEW) worth Rs. 193.569 crore in 9 AMRUT cities from AMRUT 2.0 to AMRUT 1.0. As the majority of the projects have been revised, the decision to substitute the WS projects may be canceled.</p> <p>❖ A separate Agenda is included as Agenda No.12.4.4.</p>
<p><u>Additional Agenda 11A: UTILIZATION OF URBAN INFRASTRUCTURE DEVELOPMENT FUND (UIDF) FOR STATE SHARE / ULB SHARE IN ONGOING SCHEMES OF MOUHA SUCH AS AMRUT.</u></p>
<p>11th SLTC Decision:</p> <p>❖ The Chair directed to submit the list of awarded works in AMRUT 2.0 cities for availing the State /ULB share from the UIDF fund.</p>
<p>8th SHPSC Decision:</p> <p>❖ The SHPSC meeting decided to avail the UIDF loan for State Share of the approved SWAP 1 & SWAP 2 projects of AMRUT 2.0.</p> <p>❖ Detailed statement in this regard to be forwarded to Finance department.</p>
<p>Action Taken:</p> <p>❖ The list of ongoing projects availing UIDF loans for the state share of AMRUT 2.0 projects, amounting to Rs. 483.85 crore in Tier 2 and Tier 3 cities, has been submitted to LSGD for onward submission to the National Housing Bank.</p> <p>❖ With reference to the DO Lr. No. 2487574/NC-A1/71/2023/Fin dated 03/11/2023, an amount of Rs.388.05 Cr has been allocated to Kerala for the financial year 2023-2024 for availing loan from the National Housing Bank under the UIDF scheme. In response to this,17 proposals from 13 ULBs were</p>

furnished to the Finance Department for onward submission to the NHB UIDF portal for availing a loan amount of Rs.390.12 Cr.

- ❖ These proposals were submitted to the portal on 23/03/2023 by the Finance Department and were subsequently forwarded to Head Office in the NHB UIDF portal on 22/03/2024. Also, NHB informed via email dated on 19/06/2024 that out of 17 proposals, 8 were rejected amounting to Rs.156.5 Cr which were ineligible activity. The remaining 9 proposals amounts to Rs.233.67 Cr were eligible. The detailed reason for the rejection, as well as the submission of new proposals to replace the canceled projects, has been communicated to NHB HO via email, and awaiting the reply. Also, among 9 proposals 3 were sanctioned as per the UIDF portal.

Agenda Item No.8.15: PROJECT MANAGEMENT SOFTWARE FOR AMRUT PROJECT MONITORING

8th SHPSC Decision:

- ❖ *The SHPSC accorded sanction to develop the Project Monitoring system for AMRUT and also to entrust the same with TRAVANSOFT SOLUTION at a total cost of ₹13,20,000.00 excluding GST adhering to the following:*
 - *Finalize the scope of work and enter into an agreement with the identified startup by the Mission Director AMRUT.*
 - *Perform security auditing of the application developed as per the approved guidelines issued vide GO (MS)No.82019/ITD dated 22.4.2019.*
 - *Kerala Start-Up Mission would be monitoring the progress of the application development with the department and startup.*
 - *Penalty for delayed deliverables will have to be incorporated in the agreement with the firm among other conditions.*
- ❖ *The SHPSC entrusted the Mission Director AMRUT to take further steps in this regard.*

Action Taken:

- ❖ **Scope of works has been finalized and agreement done with M/s Travansoft Solution. Development is almost completed. Dashboard work is in the final phase. 70% of the projects has been entered into the system. Components of the projects and progress are to be updated on the system.**

General decisions of 11th SLTC:

1. *With regard to the tender excess of the work, the Committee decided to recommend to the SHPSC that or AMRUT 1.0 cities, 75% of the amount due to tender excess be met by the ULB and the balance 25% to be met by the State. For AMRUT 2.0 cities, the 50% of the amount due to tender excess to be met by the ULB and the balance 50 % to be met by the State.*
2. *DCE, KWA informed that there is an outstanding payment due of Rs. 16 Cr. to KWA by various ULBs. Palakkad and Pathanamthitta Municipalities have not paid the bid advertisement charges in national dailies for long time. The Chair instructed the ULBs to clear the dues as soon as possible to avoid any further complications and conflicts.*
3. *The Vice Chairperson of Palakkad Municipality said that the Kerala Water Authority has not provided the necessary clarification and reconciliation of the bills for AMRUT 1.0 works, which has resulted in the hold-up of the funds. The Municipal Secretary, Palakkad, Municipal Engineer and KWA were given a deadline till 29.01.2024 by the Committee to resolve the issues. Mission Director AMRUT has to closely monitor and ensure the same*

Action Taken:

1. GO approving the sharing pattern of Tender Excess has been obtained vide GO (Rt) No. 569/2024/LSGD dtd 07.03.2024.
2. All the pending bills mentioned by DCE, KWA in the meeting have been cleared by the respective ULBs.
3. As per the letter dated 15.02.2024 the Secretary, Palakkad Municipality had informed MD, AMRUT that WA has not met the deadline of 29.01.2024 given by the 11th SLTC for reconciling the bills of AMRUT-1.0. Accordingly, the MD, AMRUT, as per letter dated 20.02.2024, had requested the MD, KWA to intervene to resolve the issue. As per letter dated 10.06.2024, the Chairperson, Palakkad Municipality informed that KWA, Palakkad, has shown no interest in reconciling the bills of AMRUT-1.0.

Agenda Item No.12.3: 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) -229 projects for an amount of Rs.1939.94 Cr. (CAPEX - Rs.1844.80 Cr. & OPEX - Rs.95.14 Cr.). The 6th Apex committee held on 04.01.2023 approved the 2nd Tranche of the State Water Action Plan (SWAP -2)- for an amount of Rs.683.39 Cr. (CAPEX – Rs.632.96 Cr. & OPEX – Rs.50.43 Cr., inclusive of Special Tranche for Water Body Rejuvenation).

The total SWAP approved under tranches 1&2 amounting to Rs. 2623.33 Cr. (CAPEX - Rs.2477.76 Cr. & OPEX - Rs.145.57 Cr.) for 497 projects. Central Assistance- Rs. 979.5862 Cr., State share-Rs. 885.122 Cr., ULB Share- 742.153 Cr. & 15 FC grant- Rs. 16.4877 Cr.

To fully utilize the remaining funds available under AMRUT-1.0, the 35th SHPSC of AMRUT 1.0 has decided to shift the 41 works (WS-29 & SEW-12) worth Rs.193.569 Cr. in 9 AMRUT Cities from AMRUT-2.0 to AMRUT-1.0. Hence the approved SWAP size has been reduced.

12.3.1. PROJECT PROGRESS AS ON 09.07.2024 (Tranches 1&2)

Sector	Main Projects	AS Issued	AS Amount (₹ Cr)	Sub Projects	TS Issued	TS Amount (₹ Cr)	NIT Issued	Tendered Amount (₹ Cr)	Awarded	Awarded Amount (₹ Cr)	Completed	Expenditure (₹ Cr)	Expenditure %
Water Supply	156	155	1652.51	273	239	1357.66	229	1053.05	184	744.8	8	213.71	12.93%
Sewerage	14	14	457.81	32	30	268.99	28	222.49	22	71.44	1	9.1	1.99%
Water Body Rejuvenation	255	231	65.19	231	211	55.66	203	53.63	174	44.27	7	5.72	8.77%
Micro Water Supply & ULB works	31	17	37.6	17	10	26.35	6	22.15	1	0.94	0	0	0.00%
Total	456	417	2213.1	553	490	1708.66	466	1351.32	381	861.45	16	228.53	10.33%

12.3.2. PROGRESS ACHIEVED SINCE 11th SLTC (As on 24.01.2024)

<i>Progress</i>	<i>Total Projects</i>	<i>AS Issued</i>	<i>Sub Projects</i>	<i>TS Issued</i>	<i>NIT issued</i>	<i>Awarded</i>	<i>Completed</i>	<i>Expenditure</i>	<i>Expenditure</i>
Last SLTC (24.01.2024)	497	443	541	354	344	201	6	56.93	2.66
As on 09.07.2024	456*	417	553	490	466	381	16	228.53	10.33
Progress	<i>To fully utilize the remaining funds available under AMRUT-1.0, the 35th SHPSC of AMRUT 1.0 has decided to shift the 41 works (WS-29 & SEW-12) worth Rs.193.569 Cr. in 9 AMRUT Cities from AMRUT-2.0 to AMRUT-1.0. Hence the approved SWAP size has been reduced.</i>						+ 10	+ 171.60	+ 7.67

* 41 projects have been transferred to AMRUT1

12.3.3. FINANCIAL PROGRESS

Category	Central	State	ULB	Total
Released Amount	148.74	132.64	103.31	384.69
Expenditure	101.35	85.36	41.82	228.53
Balance Amount (SNA)	47.38	47.28	61.49	156.16

12.3.4. ISSUES HINDERING THE PROGRESS

- **Delay in finalization of PDMC resulted in delay in implementation of 24X7 WS projects.**
- **Pattambi ULB-Technical Sanction of SWAP1 project has been pending for a long time. The implementing agency is ULB itself, The Decision is to be taken for transfer of the work from ULB to KWA.**
- **Road-cutting permission from Road Authorities: The Secretary, PWD convened a meeting for these above issues on 08.07.2024**
 - **NHAI – Kollam (NH 66 bypass), Karuynagappally (NH 66), Trippunithura and Kondotty ULBs.**
 - **NH MORTH – Kottayam Municipality (MC Road)**
 - **KSTP – Mukkom & Piravom.**
 - **KRFB – Kumarapuram to Kunjuveedu line**

- PWD & NH road-cutting permissions - few road-cutting permissions are pending
- PWD -Dispute on security deposit – Permission from Govt. for providing an indemnity bond against a security deposit.
- Land transfer for OHSR is pending for Kottarakkara and Guruvayur Municipalities.

Decision to be taken:

- Committee may kindly take note of the progress of AMRUT 2.0.

12.4: AMRUT 2.0- WATER SUPPLY PROJECTS

Agenda Item No.12.4.1: ADMINISTRATIVE SANCTION OF WATER SUPPLY PROJECT- AMRUT 2.0 - WSS TO ERATTUPETTA MUNICIPALITY- ZONE1; PHASE- 1 UNDER SWAP 2 OF THE ERATTUPETTA ULB

The fund allocated for the Erattupetta Municipality for water supply projects originally was Rs.8.88 Cr. Initially, the Municipality had submitted proposals for the Micro Water Supply Scheme with bore wells as sources. The 5th SHPSC meeting instructed the Erattupetta Municipality to revise the project proposal replacing the borewell sources with other surface water sources. The Committee also directed the WRD department to check the possibility of providing other surface water sources for Erattupetta Municipality.

The 8th SLTC Meeting instructed the KWA to explore the possibility of whether common components of the Malankara-based Neelur JJM scheme can be utilized for meeting the water requirements of Erattupetta Municipality, as there are no sustainable water resources in that area.

Accordingly, the Executive Engineer, KWA Kottayam has submitted an alternate proposal for the Erattupetta Municipality for Rs. 128 Cr. The proposal aims to utilize the already awarded production components of JJM Neeloor, Water Supply to Erattupetta, and WTP.

The 6th SHPSC 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 making use of 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 Rs. 19.183 lakhs.

Now, Kerala Water Authority has prepared a DPR for Thevarupara scheme - **AMRUT 2.0 - WSS to Erattupetta Municipality- Zone1; Phase- 1** for an amount of Rs. 20.60 Cr. (CAPEX- Rs. 20 Cr. & O&M- Rs. 0.60 Cr.). which includes the construction of a 10 LL OHSR, Clear Water Gravity Main, Distribution network, and FHTCs.

Municipal Council vide the resolution No. 5/1 dated 23.1.2024 has also approved the same. **(Annexure-2)**

The major components included in the proposal are as follows;

- New House Connections: 3000
- Existing house Connections: 1500
- Total FHTC Benefitted: 4500
- 300mm Gravity Main to New OHSR -0.200km
- 300mm CWGM from new OHSR-5.5 km
- UPVC and GI pipeline distribution - 24.2 km
- 10LL OHSR at Thevarupara (Old dilapidated tank is to be dismantled)

The treated water will be from the 45 MLD Neelur plant-Malankara dam-based project under JJM. KWA HQ has evaluated the same and stated that the WSS to Erattupetta municipality is feasible from the JJM works of CWSS to 13 Panchayaths based on Malankara Reservoir.

The Unit cost of the project falls below Rs.50000/Households.

Central Assistance- Rs.10 Cr.

State share- Rs. 7.5 Cr.

ULB share- Rs. 3.1 Cr.

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 LPC D
			Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)				
1	ERATTUPETTA (M) SWAP 2 -	AMRUT 2.0 - WSS to Erattupetta Municipality- Zone1; Phase-1	20	0.60	20.60	-New House Connections: 3000 -Existing house Connections: 1500 -Total FHTC Benefitted: 4500 -300mm Gravity Main to New OHSR -0.200km -300mm CWGM from new OHSR-5.5 km -UPVC and GI pipeline distribution - 24.2 km -10LL OHSR at Thevarupara (5.5 cent land is available with KWA. Old dilapidated tank is to be dismantled)	YES	44,444	110

SMMU Recommendations:

The Committee may also approve the cancellation of the original SWAP 2 proposal for the Micro Water Supply Scheme with bore wells as sources worth Rs. 9.32 Cr. (CAPEX-Rs.8.88 Cr. & O&M-Rs.0.44 Cr) and replacement with the above project. The funds from the canceled water supply projects of Irritty and Mattannur can be utilized. (Projects were canceled by the 6th SHPSC meeting since a comprehensive scheme was taken up under KIIFB in the said ULBs.).

As per AMRUT 2.0 Guidelines Clause. 6.9.1, the SHPSC will be competent to approve the replacement of projects costing up to 10% of the respective tranche of SWAP in admissible project components of AMRUT 2.0. Replacement of projects beyond 10% of the respective tranche of SWAP, if approved by SHPSC, shall be sent to the Apex Committee with proper justification for consideration and approval.

The present proposal is well within 10% of Tranche 2 (Rs. 683.07 Cr.).

Further based on the 6th SHPSC decision, vide G.O.(Rt)No.1901/2023/LSGD dated 26.09.2023, Administrative sanction for the topographic survey and soil investigation works for Erattupetta for an amount of Rs. 19.183 lakhs was issued.

Decision to be taken:

- The committee may recommend the issuance of Administrative Sanction for AMRUT 2.0 - WSS to Erattupetta Municipality- Zone1; Phase- 1 for an amount of Rs. 20.60 Cr. (CAPEX- Rs. 20 Cr. & O&M- Rs. 0.60 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 /KWA fund if they are unavoidable.
- Kerala Water Authority and ULBs shall take necessary action to fund O&M through an appropriate cost recovery mechanism and expedite the Technical Sanction and tender procedures of the work before the end of August 2024.
- The Committee may also approve the cancellation of the original SWAP 2 proposal for the Micro Water Supply Scheme with bore wells as sources worth Rs. 9.32 Cr. (CAPEX- Rs.8.88 Cr. & O&M-Rs.0.44 Cr) and replacement with the project- AMRUT 2.0 - WSS to Erattupetta Municipality- Zone1; Phase- 1 for an amount of Rs. 20.80 Cr. (CAPEX- Rs. 20.20 Cr. & O&M- Rs. 0.60 Cr.). *(Including the AS for topographic survey and soil investigation works for Erattupetta for an amount of Rs. 19.183 lakhs issued vide G.O.(Rt)No.1901/2023/LSGD dated 26.09.2023)*
- The excess fund can be met from the canceled water supply projects of Iritty and Mattannur.

Agenda Item No.12.4.2: CANCELLATION & REPLACEMENT OF WATER SUPPLY PROJECTS UNDER SWAP 1&2 OF THE THRISSUR CORPORATION:

The allocated fund for the Thrissur Corporation for the water supply project was Rs. 134.5 Cr. (WS- Rs. 84.99 Cr. and Floating incentive- Rs. 63.37 Cr.). Under the SWAP 1, 14 water supply projects worth Rs. 134.448 Cr. (CAPEX) were approved for the Thrissur Corporation.

The ULB has now requested for cancellation of two proposals for Rs. 13.5 Cr. (CAPEX) approved vide vide G.O (Rt). No.473/2023/ LSGD dated 23.02.2023 and their replacement with two proposals worth Rs. 21.4 Cr. (CAPEX). **(Annexure-3)**

Two replacement proposals include the Construction of the new 20 MLD Plant at Peechi for Rs. 14.5401 (CAPEX) and project for Providing Control Valves, Scour Valves and Air Valves in the Distribution Network and conducting Hydraulic Study of the Water Supply System for Rs. 4 Cr.

The details of projects to be cancelled are as follows;

SW AP	Name of Project	Project Cost (Cr.)	CAP EX (Cr.)	O& M (Cr.)	AS	The rationale for the cancellation of the project
1	AMRUT 2.0-Watersupply schemes from Kadavaram Pond - Construction of pumphouse-providing treatment facilities by pressure filters, laying distribution network and providing 1000 FHTC for Thrissur Corporation	5.5	5	0.5	G.O (Rt). No.473/2023/ LSGD dtd 23.02.2023.	Upon conducting a Yield test at the source, the source was found to be inadequate.
2	AMRUT 2.0 - Renovation of 14.5 MLD WTP augmented to 20 MLD at Peechi and providing 3550 FHTCs in Thrissur Corporation	9.35	8.5	0.85	G.O (Rt). No.473/2023/ LSGD dtd 23.02.2023.	TS was issued and the work was tendered in 2 packages. The work was retendered several times as no offer was received. As no offers came despite several retenders, KWA decided to terminate the proposal of renovating the existing 14.50MLD WTP by augmenting it to a 20MLD WTP and decided to propose constructing a new 20MLD WTP by demolishing the existing 14.50MLD WTP.
	TOTAL	14.85	13.5	1.35		

The details of replacement projects are as follows;

Sl No	Name of Project	Project Cost (Cr.)	CAPEX (Cr.)	O&M (Cr.)	Major Components
1	AMRUT 2.0 - THRISSUR WATER SUPPLY SCHEME- Design, Construction, and Commissioning of 20MLD Water Treatment Plant by demolishing the existing 14.50MLD Water Treatment Plant at Peechi	16.5	14.5401	1.9598	1) Total HH Benefitted: 18000 2) Treatment Plant -20 MLD Plant 3) Smart elements-SCADA
2	AMRUT-Water Supply Network Improvement to Thrissur Corporation-Providing Control Valves, Scour Valves, and Air Valves in the Distribution Network and conducting Hydraulic Study of the Water Supply System	4.4	4	0.4	1) Smart elements flow meters, Automated control valves, remotely operated scour valves, online quality monitoring 2) Hydraulic Study of the Water Supply System.
	TOTAL	20.90	18.5401	2.3598	

SMMU Observations:

- As there is a savings of only 13.5 Cr., the replacement project for the construction of the new 20 MLD Plant at Peechi for Rs. 14.5401 (CAPEX) only may be considered.
- As per the AMRUT guidelines clause 6.9, the SHPSC will be competent to approve the replacement of projects costing up to 10% of the respective tranche of SWAP in admissible project components of AMRUT 2.0. Replacement of projects beyond 10% of respective tranche of SWAP, if approved by SHPSC shall be sent to the Apex committee with proper justification for consideration and approval. No expenditure shall be booked against any project proposed to be replaced.
- **So far replacement of 15% of the SWAP-1st tranche has been approved by the APEX committee. Hence the replacement of the said project is required to be sent to the Apex committee with proper justification for consideration and approval.**

Decision to be taken:

- **The committee may decide to recommend the cancellation of two water supply projects of Thrissur Corporation:**
 - *AMRUT 2.0-Watersupply schemes from Kadavaram Pond - Construction of pumphouse-providing treatment facilities by pressure filters, laying distribution network, and providing 1000 FHTC for Thrissur Corporation- for an amount of Rs. 5.50 Cr. (CAPEX- Rs. 5 Cr. & O&M- Rs. 0.50 Cr.).*
 - *AMRUT 2.0 - Renovation of 14.5 MLD WTP augmented to 20 MLD at Peechi and providing 3550 FHTCs in Thrissur Corporation - for an amount of Rs. 9.35 Cr. (CAPEX- Rs. 8.5 Cr. & O&M- Rs. 0.85 Cr.).*
- **The committee may decide to recommend the replacement with one water supply project of Thrissur Corporation and may permit to submit it to the Apex committee for consideration and approval:**
 - *AMRUT 2.0 - THRISSUR WATER SUPPLY SCHEME-Design, Construction and Commissioning of 20MLD Water Treatment Plant by demolishing the existing 14.50MLD Water Treatment Plant at Peechi- for an amount of Rs. 16.50 Cr. (CAPEX- Rs. 14.5401 Cr. & O&M- Rs. 1.9598 Cr.).*

Agenda Item No.12.4.3: AMRUT 2.0- -WATER SUPPLY SECTOR – REVISION OF ADMINISTRATIVE SANCTION FOR 6 PROJECTS:

6 proposals from 6 Urban Local Bodies were received for revising the Administrative Sanction of Water Supply projects due to tender excess/ exclusion of road restoration charges from DER/requirement of additional MS pipe/increase in road restoration charges /estimate revision. (Project details are attached as **Annexure-4**).

The following is a summary of the same.

- Chittur-Thathamangalam, Thripunitura, and Mavelikara ULBs requested Revision of AS due to the exclusion of road restoration charges from actual DER/tender excess and Estimate revision (3 Nos.)
- Mannarkkad, Pathanamthitta, and Koothattukulam (3 Nos) ULBs requested for Revision of AS due to tender excess below 10%
- Council Approval is pending from Koothattukulam ULB.
- Proposals for which the Recommendation of MD KWA is awaited –6Nos (Chittur-Thathamangalam, Manarakad, Thripunitura, Koothattukulam, Pathanamthitta, and Mavelikara)
- The total tender excess amount including GST comes to Rs. 3.487 Cr. The State have to meet Rs. 1.57514 Cr. and ULBs have to meet Rs. 1.57514 Cr.

The Central Government may not fund the tender excess amount if the contract awarded cost is more than the appraised cost. As such the tender excess amount may have to be borne by the State and respective ULB.

The SHPSC in its 8th meeting decided that for 9 AMRUT 1.0 cities, 75% of the amount due to tender excess may be met by the ULB and the balance 25% may be met by the State. For AMRUT 2.0 cities, 50% of the amount due to tender excess may be met by the ULB, and the balance 50 % to be met by the State.

ULB	Name of work	Reason	AS Amount (Cr.)	Revised AS Amount (Cr.)	Total Additional Amount (Cr.)	Tender Excess incl. GST (Cr.)	Tender excess State share (Cr.)	Tender excess ULB share (Cr.)
Mannarkkad	AMRUT-2.0- Augmentation of UWSS to Mannarkkad Municipality - Providing FHTCs and pipeline extension	<ul style="list-style-type: none"> As per G.O(Rt)No.2906/2022/ LSGD Dtd:24/11/2022 AS obtained is Rs.7.68 Cr. 2 bids were received on the first tender. LMR – 9.41 % above Tender Excess - 5.06%. 	7.68	8.02	0.34	0.33	0.162	0.162
Chittur - Thathamangalam	AMRUT2.0-Chittur Thattamangalam Municipality - Construction of 5 LL OHSR, Supply and erection of motor pump sets, pumping main, distribution main, pipe line extensions and providing FHTCs	<ul style="list-style-type: none"> As per G.O(Rt) No.2906/2022/LSGD AS obtained is Rs.11.1932 Cr. Tendered 3 times. LMR – 8.11 % Tender excess - 8.11%. Municipality road restoration: 1.57Cr. PWD Road Restoration: 0.57Cr. Road Restoration charges were not included in the actual DER 	8.59	11.19	2.60	0.62	0.31	0.31
Pathanamthitta	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)	<ul style="list-style-type: none"> As per G.O(Rt) No.1894/2023/LSGD Dtd:25-09-2023 AS revised Rs.14.42 Cr. Tendered 3 times and bid extended to 5 times, received 2 nos of bids, approved in Council with L1. LMR – 13.34% Tender Excess-9.20 %. 	14.42	14.95	0.53	1.25	0.624	0.624
Tripunithura Sub Project-1	AMRUT 2.0 -WSS to Tripunithura Municipality - Providing FHTC, by augmenting or retrofitting the existing Water Supply Scheme and laying new rider lines-(Thiruvankulam Zone -Ward	<ul style="list-style-type: none"> As per G.O.(Rt)No.2906/2022/ LSGD Dtd :- 24/11/2022 AS obtained is Rs.12.289 Cr. Sub Project-1- 20.99% below 	12.29	12.79	0.50	Tender Excess Nill.		

ULB	Name of work	Reason	AS Amount (Cr.)	Revised AS Amount (Cr.)	Total Additional Amount (Cr.)	Tender Excess incl. GST (Cr.)	Tender excess State share (Cr.)	Tender excess ULB share (Cr.)
	Nos15,16,22,23,24 and 25)- Package I-Pipeline Work							
Sub Project-2	AMRUT 2.0 -WSS to Tripunithura Municipality - Providing FHTC, by augmenting or retrofitting the existing Water Supply Scheme and laying new rider line-(Thiruvankulam Zone - Ward Nos4,5,6,11,12,13 and 14)- Package II-Pipeline Work-Pipeline Work	Sub Project-2- 17.01% below						Tender Excess Nill.
Sub Project-3	AMRUT-2.0-WSS to Thripunithura Municipality - Providing FHTC, by augmenting or retrofitting the existing Water Supply Scheme and laying new rider line-(Thiruvankulam Zone - Laying 200mm DI (K9) pumping main from Karingachira PH to Tracco for a length of 4550m. and allied works)- Package pipeline Work	<ul style="list-style-type: none"> Tendered 3 times and the single offer was received which is 20.87% above TPAC and KWA negotiated with the contractor and agreed to execute the work at Rs.4,88,27,611 /- which is 17.1% above the TPAC. LMR – 10.81 % above Sub Project-3- Tender Excess 17.10% above. Tender excess sanctioned by Government vide G.O.(Ms) No.39/2024/WRD date : 28/11/2022. 				0.84	0.42	0.42
Koothattukulam	AMRUTH 2.0 - Koothattukulam Municipality - Renovation of existing Water Supply Scheme UWSS to Koothattukulam	<ul style="list-style-type: none"> As per G.O.(Rt)No.2906/2022/ LSGD Dtd : 24/11/2022 AS obtained is Rs.5.29 Cr. Road restoration of 6 nos of PWD roads of length 4720m was included in the scope of work of the contractor. But when KWA applied for road-cutting permission through the ROW portal, PWD directed to remit the road restoration charges of Rs.2,27,85,642 as per G.O.(MS) 	5.298	6.43	1.14	0.45	0.23	0.23

ULB	Name of work	Reason	AS Amount (Cr.)	Revised AS Amount (Cr.)	Total Additional Amount (Cr.)	Tender Excess incl. GST (Cr.)	Tender excess State share (Cr.)	Tender excess ULB share (Cr.)
		No.49/2023/PWD Dtd 14/09/2022 which escalated the estimated cost to Rs.6.348 Cr excluding O&M. <ul style="list-style-type: none"> Tendered 2 times, only one bid was received on the 2nd tender. LMR – 8.74 % above Tender excess- 8.74% 						
Mavelikkara	"AMRUT 2.0 – SWAP-1-Replacing 400MM PREMO Transmission main using 400MM DI pipe in Mavelikkara Municipality	<ul style="list-style-type: none"> As per G.O(Rt)No.1906/2023/LSGD Dtd: 26/09/2023 AS obtained is Rs.0.173 Cr. MS Pipe was additionally required for the interconnection and culvert crossing & road restoration charges increased. (TS not issued). 	0.173	0.28	0.067	0	0	0

Decision to be taken:

➤ **The SLTC may recommend the revision of AS for the following projects:**

- AMRUT-2.0- Augmentation of UWSS to **Mannarkkad** Municipality - Providing FHTCs and pipeline extension to **Rs.8.018 Cr (CAPEX-7.018, OPEX -1)**, due to 5.06% tender excess.
- AMRUT2.0-**Chittur Thattamangalam** Municipality - Construction of 5 LL OHSR, Supply, and erection of motor pump sets, pumping main, distribution main, pipe line extensions and providing FHTCs to **Rs.11.19319 Cr, (CAPEX – 10.4119, OPEX -0.7812)** due to road restoration charges and 8.11 % tender excess.
- 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) of **Pathanamthitta** Municipality to **Rs.14.9485 Cr,(CAPEX -14.8685 and OPEX -0.08)**, due to 9.20% tender excess.
- AMRUT 2.0 -WSS to **Thripunithura** Municipality - Providing FHTC, by augmenting or retrofitting the existing Water Supply Scheme and laying a new rider line to **Rs.12.79 Cr (CAPEX – 12.59 AND OPEX – 0.2)**, due to road restoration charges and tender excess.

- AMRUTH 2.0 - **Koothattukulam** Municipality - Renovation of existing Water Supply Scheme UWSS to Koothattukulam to **Rs. 6.43377Cr, (CAPEX – 6.348 and OPEX – 0.08537)**, due to 8.74% tender excess and increase in road restoration charges.
 - "AMRUT 2.0 – SWAP-1-Replacing 400MM PREMO Transmission main using 400MM DI pipe in **Mavelikkara** Municipality to **Rs.0.2375 Cr, (CAPEX -0.22, OPEX –0.0175)** due to change in estimate and increase in road restoration.
- ❖ **50% of the amount due to tender excess may be met by the ULB, and the balance 50 % to be met by the State.**

Agenda Item No.12.4.4: APPROVAL OF STATE WATER ACTION PLAN- TRANCHE III-SWAP-3 WATER SUPPLY PROPOSALS

As per the AMRUT 2.0 guidelines, SWAPs are to be submitted on the 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 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) -229 projects for an amount of Rs.1939.94 Cr. (CAPEX - Rs.1844.80 Cr. & OPEX - Rs.95.14 Cr.). The 6th Apex committee held on 04.01.2023 approved the 2nd Tranche of the State Water Action Plan (SWAP -2)- for an amount of Rs.683.39 Cr. (CAPEX – Rs.632.96 Cr. & OPEX – Rs.50.43 Cr., inclusive of Special Tranche for Water Body Rejuvenation).

The total SWAP approved under tranches 1&2 amounting to Rs. 2623.33 Cr. (CAPEX - Rs.2477.76 Cr. & OPEX - Rs.145.57 Cr.) for 497 projects. Central Assistance- Rs. 979.5862 Cr., State share-Rs. 885.122 Cr., ULB Share- 742.153 Cr. & 15 FC grant- Rs. 16.4877 Cr.

To fully utilize the remaining funds available under AMRUT-1.0, the 35th SHPSC of AMRUT 1.0 has decided to shift the 41 works (WS-29 & SEW-12) worth Rs.193.569 Cr. in 9 AMRUT Cities from AMRUT-2.0 to AMRUT-1.0. Hence the approved SWAP size has been now reduced.

WATER SUPPLY SECTOR:

- Rs.1713.40 Cr. (CA - Rs.736.10 Cr.) was allocated for Water Supply projects for all 93 ULBs.
- Rs.100 Cr. (CA - Rs.50 Cr.) was allocated as a Floating Incentive Fund from the Sewerage & Septage Sector fund for non-AMRUT ULBs (84 ULBs).
- Rs.636.16 Cr. (CA - Rs.212.39 Cr.) was allocated as a Floating Incentive Fund for AMRUT ULBs (9 ULBs) from the Sewerage & Septage Sector which can be utilized for the Water Supply Sector to achieve universal coverage. Once this is achieved balance amount if any can be used in the Sewerage & Septage Sector. (Kozhikode and Kochi ULBs have utilized Rs.139.030 Cr.& 21.153 Cr. respectively

from their floating fund.) Thus the remaining floating fund for the Water Supply is Rs. 475.977 Cr (CA – Rs.158.659 Cr)

- **Thus, the total fund available for WS- Rs.2,289.377 Cr. (1713.4+100+475.977)(Approximate CA – Rs.763.13 Cr.)**
- **Projects worth Rs.2014.58 Cr. (CAPEX- Rs. 1911.56 Cr. & O&M-Rs. 103.02 Cr), were approved under SWAP-1 & 2 (CAPEX-SWAP-1: Rs.1740.17 Cr. and SWAP-2: Rs.171.388 Cr.).**
- Out of this, 29 projects worth Rs.158.499 Cr. were transferred from SWAP-1 to AMRUT-1.0 as decided by the 35th SHPSC of AMRUT-1.0 to utilize the unspent funds. As a result, the SWAP-1 amount has been reduced to Rs. 1,581.671 Cr. Hence the total amount of the projects approved under SWAP-1 & SWAP-2 has reduced to **Rs. 1,753.059 Cr.**
- **Thus, the total available fund for SWAP 3 water supply is Rs. 548.718 Cr. (2289.377- 1753.059) including Rs.12.4 Cr from the Sewerage fund, which is utilized for Kollam Corporation.**

109 SWAP-3 proposals worth Rs. 839.923 Cr. submitted by 69 ULBs are placed in this SLTC for approval. 8 AMRUT 1.0 cities submitted 24 proposals for Rs. 233.4725 Cr and 61 AMRUT 2.0 ULBs submitted 85 proposals for Rs. 606.451 Cr.

Recommendation of MD KWA is pending for 42 out of 108 proposals.

Land confirmation is pending for 4 proposals:

1. Piravom Municipality-Construction of 5.3LL capacity OHSR at Kombanamala –
Consent from the landowner was submitted. The purchase of the land has not yet been finalized.
2. Augmentation of UWSS to Nilambur Phase 1-
NOC from the Forest department is pending.
3. Parappanangadi Municipality-Construction of 15.00LL OHSR at Chappappadi-
NOC from the Fisheries department is pending.
4. Neyyattinkara Municipality – New Intake Structure and Weir across Neyyar-
NOC from Irrigation is needed since it is a weir.

I. 9 AMRUT 1.0 Cities

- **Available allocated fund for AMRUT 1.0 cities – Rs. 146.511 Cr.**
- **8 AMRUT 1.0 cities submitted 24 proposals worth Rs. 233.4725 Cr. with an excess of Rs.87.369 Cr.**
- **Total Project Cost- Rs. 246.014 Cr.**
- **CAPEX Cost- Rs. 233.473 Cr.**
- **O&M Cost- Rs. 12.542 Cr.**
- **Central Assistance-Rs. 79.484 Cr.**
- **State Share-Rs. 86.832 Cr.**
- **ULB share-Rs. 79.698 Cr.**

Abstract details of these proposals are as under.

- **24X7 WS proposals** were received from 7 AMRUT 1.0 cities (KZD included in SWAP 1). As per the AMRUT-2.0 guidelines, AMRUT 1.0 cities are mandated to undertake reforms for water conservation including projects on 24x7 water supply with a drink-from-tap facility. The 3rd

SHPSC has also underscored the necessity for AMRUT 1.0 cities to carry out these projects and instructed that all AMRUT 1.0 cities shall execute the drink-from-tap projects mandatorily. However, as Kochi is included in the proposed ADB project for water supply improvement, the Kochi Corporation was excluded from the list of 24x7 WS projects.

- Detailed project reports for all the proposals except the 24X7 WS proposals were received.
- Council approvals for 20 proposals were obtained out of 24 proposals. Council approval is pending for 1 project from Palakkad and 3 projects from Thiruvananthapuram.
- **Unit cost for all the proposals falls below 50,000 /HH**

AMRUT 1.0 City-wise fund allocation with project status is as shown below

Sl. No.	ULB	Fund Allocation (₹ Cr.)	Floating Incentive Fund For WS (₹ Cr.)	Tranche 1&2	Remaining fund for SWAP 3	SWAP 3- CAPEX Cost (₹ Cr.)	Number of Projects (No.)	SEW fund utilized	Excess fund	Recommended fund (₹ Cr.)	Unutilized fund
1	Thiruvananthapuram	100.68	193.45	228.865	65.265	77.8378	12		12.573	65.9053	0
2	Kollam	120	107.13	227.538	0.000	56.8202	2	12.4	44.420	12.4	0
3	Kochi	116.113	47.64	159.176	0.000	4.997	1		4.997	4.997	0
4	Alappuzha	44.098	23.14	38.988	27.418	27.4	2			15.1	12.318
5	Guruvayoor	23.733	2.01	23.733	2.010	10	1		7.990	10	0
6	Thrissur	84.99	63.37	134.448	12.912	13.86	2		0.948	13.86	0
7	Palakkad	18.24	12.66	18.240	12.660	16.6	2		3.940	16.6	
8	Kozhikode	120	0	118.670	0.000				0.000		0.000
9	Kannur	69.666	26.58	69.990	26.246	25.9575	2			25.9575	0.288
	TOTAL			1,019.648	146.511	233.4725	24	12.4	74.868	164.8198	12.6065

Thiruvananthapuram & Kollam submitted proposals for excess funds. (Rs.12.573 Cr. & Rs.44.420 respectively). The proposal from Kollam is for constructing a weir at Njankadavu across the Kallada River (initially part of AMRUT 1.0 but shifted to AMRUT 2.0). **No source of funding has been identified for these proposals.**

Alappuzha has requested ₹22.3 crore for the 24x7 water supply project covering six wards. The funding for this project may be capped at ₹10 crore, similar to other 24X7 WS projects. The remaining funds (Rs. 15.1 Cr.) can be allocated to cover the excess requirements for the 24x7 water supply projects in Guruvayur (Rs.7.990 Cr.) and Palakkad. Additional funding of Rs. 4.997 Cr. needed for Kochi can be sourced from the savings of SWAP 1 and 2 of Kochi itself.

Major Components

- **New FHTCs – 22,819**
- **Number of Existing Beneficiaries- 1,49,262**
- **Source Improvement-** Construction of a weir at Njankadavu across the Kallada River
- **Storage Reservoirs- 2 Nos (Kollam & Kannur)**

- **Distribution network-New- 124.083 Km**
- **Distribution network-Replacement- 101.972 Km**
- **Transmission Mains -New- 38.884 Km**
- **Smart Components**

II. AMRUT 2.0 Cities

- 61 AMRUT 2.0 ULBs submitted 85 proposals for Rs. 606.451 Cr.
- Available allocated fund for SWAP3 for AMRUT 2.0 Cities is Rs. 122.536 Cr. and against this, SWAP3 proposals received is Rs. 121.264 Cr. Available fund for additional allocation is Rs. 256.225 Cr. (including the savings from shifting of projects-158.499 Cr., unutilized floating incentive (100 Cr.), unutilized fund of Kanhangad-16.685 Cr.etc). Additional proposals were received for Rs. 485.186 Cr. with an excess of Rs. 228.961 Cr.
- **Total Project Cost- 635.96729 Cr.**
- **CAPEX Cost- Rs. 606.450 Cr.**
- **O&M Cost- Rs. 29.516 Cr.**
- **Central Assistance- Rs.301.5889 Cr.**
- **State Share-Rs. 233.14673**
- **ULB share- Rs.101.23166 Cr.**

AMRUT 2.0 City-wise fund allocation with project status is as shown below:

AMRUT 2.0 CITIES- FUND STATUS														
Sl No	ULB	Fund Allocation (₹ Cr.)	Tranche 1&2 (CAPEX Cost (₹ Cr.))	Available fund(₹ Cr.)	SUBMITTED Tranche 3(CAPEX Cost (₹ Cr.))	Number of Projects (No.)	TOTAL Excess fund from Allocated fund (₹ Cr.)	No. of Projects-Original Allocation	Projects-Original Allocation (₹ Cr.)	Priority list-Number of projects	Priority list-Amount(₹ Cr.)	Buffer list-Number of projects	Buffer list-Amount(₹ Cr.)	REMARKS
1	Tirur	13.879	0.000	13.879	38.88	3	25.001	1	13.880	0	0.000	2	25.000	Original allocation-1, 2 projects-25 Cr. in buffer list.
2	Kottarakkara	10.529	3.000	7.529	21.21434	3	13.685	2	6.594	1	14.620	0	0.000	Original allocation-2, Priority-1
3	Neyyattinkara	18.665	13.890	4.775	14.767	2	9.992	1	9.997	0	0.000	1	4.770	Original allocation-1, Priority-1
4	Kottakkal	14.989	0.000	14.989	23.239	3	8.250	1	15.739	2	7.500	0	0.000	Original allocation-1, Priority-2
5	Manjeri	23.218	0.000	23.218	28.207	2	4.989	1	23.207	1	5.000	0	0.000	Original allocation-1, Priority-1
6	Panoor	18.02	2.681	15.339	15.4	1	0.061	1	15.400			0	0.000	Original allocation
7	Changanassery	15.014	11.248	3.766	3.668	2	0	2	3.668			0	0.000	Original allocation
8	Chengannur	5.013	3.200	1.813	1.787	1	0	1	1.787			0	0.000	Original allocation
9	Ettumanoor	16.068	11.103	4.965	4.75704	1	0	1	4.757			0	0.000	Original allocation
10	Kottayam	49.812	41.195	8.617	8.617	3	0.000	3	8.617			0	0.000	Original allocation
11	Nilambur	10.435	0.000	10.435	9.57	1	0	1	9.570			0	0.000	Original allocation
12	Valancherry	13.274	0.000	13.274	13.274	1	0.000	1	13.274			0	0.000	Original allocation
13	Kalpetta	5.238	5.229	0	18.2	1	18.200		0.000	1	18.200	0	0.000	Priority
14	Mavelikkara	7.944	8.465	0	3.0656	1	3.586		0.000	1	3.066	0	0.000	Priority
15	Parappananangadi	21.728	21.730	0	15	1	15.002		0.000	1	15.000	0	0.000	Priority
16	Kasaragod	11.143	11.14	0	7.426	1	7.423		0.000	1	7.426	0	0.000	Priority
17	Mukkam	12.444	12.444	0	6.032	1	6.032		0.000	1	6.032	0	0.000	Priority

AMRUT 2.0 CITIES- FUND STATUS

Sl No	ULB	Fund Allocation (₹ Cr.)	Tranche 1&2 (CAPEX Cost (₹ Cr.)	Available fund(₹ Cr.)	SUBMITTED Tranche 3(CAPEX Cost (₹ Cr.)	Number of Projects (No.)	TOTAL Excess fund from Allocated fund (₹ Cr.)	No. of Projects-Original Allocation	Projects-Original Allocation (₹ Cr.)	Priority list-Number of projects	Priority list-Amount(₹ Cr.)	Buffer list-Number of projects	Buffer list-Amount(₹ Cr.)	REMARKS
18	Anthoor	6.755	6.755	0	3.5	1	3.500		0.000	1	3.500	0	0.000	Priority
19	Ottappalam	10.508	10.508	0	2.93	1	2.930		0.000	1	2.930	0	0.000	Priority
20	Cheruppulasserry	10.029	10.029	0	2.4183	1	2.418		0.000	1	2.418	0	0.000	Priority
21	Thrikkakkara	3.052	3.050	0	3.5	1	3.498		0.000	1	3.500	0	0.000	Priority
22	Aluva	1.348	1.348	0	3.4	1	3.400		0.000	1	3.400	0	0.000	Priority
23	Nedumangad	10.318	10.290	0	15	1	14.972		0.000	1	15.000	0	0.000	Priority
24	Cherthala	9.257	9.500	0	3.9851	1	4.228		0.000	1	3.985	0	0.000	Priority
25	Kodungalloor	14.184	14.770	0	3.4	1	3.986		0.000	0	0.000	1	3.400	Priority
26	Pathanamthitta	12.378	18.590	0	8.5	1	14.712		0.000	1	8.500	0	0.000	Priority
27	Payyoli	15.424	15.420	0	19.98	1	19.976		0.000	1	19.980	0	0.000	Priority
28	Vaikom	6.848	6.806	0	13.7454	2	13.703		0.000	2	13.745	0	0.000	Priority
29	Ponnani	21.105	21.105	0	9	1	9.000		0.000	1	9.000	0	0.000	Priority
30	Palai	4.961	4.960	0	1.03019	1	1.029		0.000	1	1.030	0	0.000	Priority
31	Pattambi	7.04	7.040	0	1.00	1	1.000		0.000	1	1.000	0	0.000	Priority
32	Haripad	8.871	8.985	0	0.6	1	0.714		0.000	1	0.600	0	0.000	Priority
33	Malappuram	7.607	7.600	0	5.62	1	5.613		0.000	1	5.620	0	0.000	Priority
34	Thodupuzha	9.639	9.640	0	5	1	5.001		0.000	1	5.000	0	0.000	Priority
35	Adoor	9.316	10.000	0	4.301	1	4.985		0.000	1	4.301	0	0.000	Priority
36	Taliparamba	6.414	6.414	0	4.5	1	4.500		0.000	1	4.500	0	0.000	Priority
37	Punalur	8.771	8.890	0	8.54	1	8.659		0.000	1	8.540	0	0.000	Priority

AMRUT 2.0 CITIES- FUND STATUS

Sl No	ULB	Fund Allocation (₹ Cr.)	Tranche 1&2 (CAPEX Cost (₹ Cr.)	Available fund(₹ Cr.)	SUBMITTED Tranche 3(CAPEX Cost (₹ Cr.)	Number of Projects (No.)	TOTAL Excess fund from Allocated fund (₹ Cr.)	No. of Projects-Original Allocation	Projects-Original Allocation (₹ Cr.)	Priority list-Number of projects	Priority list-Amount(₹ Cr.)	Buffer list-Number of projects	Buffer list-Amount(₹ Cr.)	REMARKS
38	Chittoor	6.731	9.382	0	8.94	1	11.591		0.000	1	8.940	0	0.000	Priority
39	Koothuparamba	9.376	9.370	0	8	1	7.994	0	0.000	1	8.000	0	0.000	Priority
40	Thalassery	24.646	24.646	0	7	1	7.000		0.000	1	7.000	0	0.000	Priority
41	Kunnamkulam	14.565	14.565	0	19.9	1	19.900		0.000	1	19.900	0	0.000	Priority
42	Kattappana	14.432	14.430	0	20	1	19.998		0.000		0.000	1	20.000	Buffer list
43	Irinjalakuda	13.058	13.058	0	19.05	8	19.050		0.000	0	0.000	8	19.050	Buffer list
44	Shornur	11.45	11.450	0	19.05	2	19.050		0.000	1	11.550	1	7.500	Buffer list-1, Priority-1
45	Kayamkulam	19.697	19.697	0	14.5542	1	14.554		0.000	0	0.000	1	14.554	Buffer list
46	Erattupetta	8.876	20.000	0	15	2	26.124		0.000	1	5.000	1	10.000	Buffer list-1, Priority-1
47	Perumbavoor	8.935	8.815	0	7.5	2	7.380		0.000	1	3.000	1	4.500	Buffer list-1, Priority-1
48	Pandalam	11.05	11.740	0	5.298	2	5.988		0.000	1	1.008	1	4.290	Buffer list-1, Priority-1
49	Karunagapally	13.614	14.964	0	6.92	1	8.270		0.000	0	0.000	1	6.920	Buffer list
50	Maradu	1.583	1.638	0	45	1	45.055		0.000	0	0.000	1	45.000	Buffer list. Based on the request from the KWA, the 8th SHPSC suggested for considering the project proposal from Maradu Municipality for additional works in Raw water pumping main from Pazhoor pump house in SWAP-3.
51	Piravom	4.331	4.468	0	8.0174	1	8.154		0.000	0	0.000	1	8.017	Buffer list

AMRUT 2.0 CITIES- FUND STATUS

Sl No	ULB	Fund Allocation (₹ Cr.)	Tranche 1&2 (CAPEX Cost (₹ Cr.)	Available fund(₹ Cr.)	SUBMITTED Tranche 3(CAPEX Cost (₹ Cr.)	Number of Projects (No.)	TOTAL Excess fund from Allocated fund (₹ Cr.)	No. of Projects-Original Allocation	Projects-Original Allocation (₹ Cr.)	Priority list-Number of projects	Priority list-Amount(₹ Cr.)	Buffer list-Number of projects	Buffer list-Amount(₹ Cr.)	REMARKS
52	Thrippunithura	12.294	12.290	0	8.075	1	8.071		0.000	0	0.000	1	8.075	Buffer list
53	Tirurangadi	14.562	14.560	0	8	2	7.998		0.000	0	0.000	2	8.000	Buffer list
54	Kothamangalam	7.988	10.905	0	4.7	1	7.617		0.000	0	0.000	1	4.700	Buffer list
55	Mannarkkad	6.687	6.680	0	6.687	1	6.680		0.000	0	0.000	1	6.687	Buffer list
56	Angamali	4.761	4.761	0	6.5	1	6.500		0.000	0	0.000	1	6.500	Buffer list
57	Eloor	5.781	6.990	0	3.2	1	4.409		0.000	0	0.000	1	3.200	Buffer list
58	Kalamassery	13.413	13.413	0	3.8148	1	3.815		0.000	0	0.000	1	3.815	Buffer list
59	Kondotty	16.696	16.696	0	3.5	1	3.500		0.000	0	0.000	1	3.500	Buffer list
60	Chalakkudy	11.784	11.780	0	3	1	2.996		0.000	0	0.000	1	3.000	Buffer list
61	Attingal	7.805	7.801	0	1.69	1	1.686		0.000	0	0.000	1	1.690	Buffer list
	TOTAL	715.353	621.124	122.599	606.45037	85	513.427		126.490	37	257.792	32	222.168	

A. Original Allocation –

- Available allocated fund for SWAP3 for AMRUT 2.0 Cities – Rs. 122.536 Cr.
- 16 proposals from 12 AMRUT 2.0 Cities including Micro WSS from Valancherry received for Rs. 126.49 Cr.

Abstract details of these proposals are as under.

- Detailed project reports for all the proposals except the 24X7 WS proposal and Micro Water supply scheme for Valancherry were received.
- Council approvals for all the 16 proposals were obtained.
- **Unit cost for all the proposals falls below 50,000 /HH**

Major Components

- 24x7 water supply proposals from Chittur Thathamangalam
- New FHTCs – 21,661 Nos
- Number of Existing Beneficiaries- 23,870 Nos
- **Source Improvement-** Construction of intake well and weir in Neyyattinkara
- Treatment Plants- Renovation of WTP in Nilambur
- Storage Reservoirs- New OHSRs in Manjeri, Nilambur, & Valancherry
- Distribution network-New- 143.495 KM
- Distribution network-Replacement- 34.12 Km
- Transmission Mains -New- 13.165 Km

B. Micro Water supply schemes for Valancherry- “KALYANA URAVA CHECK DAM” & 6 MICRO DRINKING WATER SUPPLY SCHEME: Rs. 13.27 Cr.

The revised submitted report has been scrutinized by the Mission Director, AMRUT With the Valancherry ULB team from the technical point of view on 8/7/2024 with respect to Rainfall characteristics and asked to look into the following:

- Past 25 years mean average rainfall of the study area for working out the Run- coefficient, hydrological factor, water balance of the proposed Check dam, Flow characteristics and flow velocity of the Spring /stream during various seasons, Exact total Volume of water which can be harvested month wise, rate of siltation from the catchment towards proposed Check dam, Evapotranspiration losses, percolation/ infiltration losses, etc

These factors needs to be detailed further and a revised DPR needs to be submitted at the earliest. Also, a detailed cost estimation for Each activity proposed has to be comprehensive and precise in the DPR.

Even though the subject work is placed for consideration, The same will be meticulously taken for administrative sanction based on the satisfactory inclusion of the required data set and further refinement and perfection of DPR.

Major Components

Kaliyana Urava (Project Cost: Rs. 8.567 Cr)

- Check dam Structure-19 metre in length and 6 metre in height
- Upstream Water Storage Collected Area: -120 metres in length and
- 8500 m3 in Collection capacity
- Gravity Sedimentation Tank
- Sand Filter-Size: 5.72 x 4.5 m,
- Height:6 m
- Collection Well and Chlorination treatment: -7.3 m in diameter and 6 m in height
- Pumping Main to Over Head Tank -1.375 Km
- Over-head Water Tank: -1.358 LL
- Distribution Network-1.15 Km
- FHTC-1750 Nos
- **Unit Cost: Rs. 48,954.28/-**

Additional Micro projects - Project Cost: Rs. 3.862 Cr.

- 4 new well and 1 Existing well
- Pumping Main to Over Head Tank -5.04 Km
- Over-head Water Tank: -0.06 LL
- Distribution Network-6.25 Km
- FHTC-982 Nos
- **Unit Cost: Rs. 48,000/-**

C. AMRUT 2.0 Cities -Additional Allocation-

- Available funds for SWAP3 for AMRUT 2.0 cities for additional allocation are Rs. 257.408 Cr.
- However, 69 proposals amounting to Rs. 479.959 Cr. were received, resulting in an excess of Rs. 200.55 Cr.

Abstract details of these proposals are as under:

- **1 WS from Pattambi directly being implemented by ULB**
- Council approvals for 62 proposals were obtained out of 69 proposals. Council approval is pending for 7 projects from Irinjalakuda.
- **Unit cost for all the proposals falls below 50,000 /HH**

The prioritization of proposals was carried out based on several key criteria: the original fund allocation, existing gaps in supply and coverage, and the priority assigned to production components. Through this evaluation, 37 out of 69 additional SWAP 3 proposals, with a total worth of ₹257.292 crore, were prioritized.

To consider the significance of achieving total water supply coverage, 32 buffer projects amounting to ₹ 222.668 crore may also be included in the plan. These buffer projects are essential to ensure comprehensive coverage. Central Assistance may be sought to support the funding of these projects.

Major Components

Proposals within the available fund (37 proposals of ₹257.29 crore)

- **New FHTCs – 36,780 Nos**
- **Number of Existing Beneficiaries- 1,01,951 Nos**
- **Treatment Plants-**
 - Construction of New **15 MLD plant at Kunnamkulam**
 - Construction of New **1.5 MLD plant at Shornur.**
 - Renovation of WTPs in Kalpetta, Nedumangad, Punalur, Pala, Vaikom
- **Storage Reservoirs-**
 - Construction of New Reservoir - Kalpetta, Pathanamthitta, Parappanangadi, Taliparamba, Vaikom, Mukkam, Ponnani, Shornur
- **Distribution network-New- 225.56 Km**
- **Distribution network-Replacement- 137.955 Km**
- **Transmission Mains -New- 47.85 Km**

Proposals in Buffer List (32 proposals of ₹222.668 crore)

- **New FHTCs – 26940 Nos**
- **Number of Existing Beneficiaries- 83684 Nos**
- **Source Improvement-** Construction of a weir in Mannarkkad
- Renovation of WTPs in Angamali & Perubavoor
- **Storage Reservoirs-**
 - Construction of New in Tirurangadi, Karunagappally, Piravom,
- **Distribution network-New- 193.864 Km**
- **Distribution network-Replacement- 118.124 Km**
- **Transmission Mains -New- 4.9 Km**

List of proposals is attached as **Annexure - 5.**

Decision to be Taken:

- **The Committee may take a suitable decision on recommending the approval of SWAP 3 to the SHPSC:**
- **The Committee may recommend the Administrative sanction for the recommended proposals other than the 24X7 Proposals and Micro Water supply scheme subject to the approval of the APEX committee of MoHUA. Recommendation of MD KWA, Land Availability & Council approval shall be submitted before the issuance of AS.**
- **The 10th SLTC decision vide 10.4 approving the SWAP 3 WS proposals and 10.11 approving the additional allocation may be overruled, as shifting projects from AMRUT 2.0 to AMRUT 1.0 has resulted in increased savings.**

Agenda Item No.12.5: SEWERAGE & SEPTAGE SECTOR-APPROVAL OF STATE WATER ACTION PLAN- TRANCHE III

Under AMRUT-2.0, Rs.902.17 Cr. was allocated for the Sewerage & Septage Sector of 9 AMRUT Cities, out of which Rs.12.4 Cr. was transferred to Water Supply Sector and the available fund is Rs.889.77 Cr. In addition to this, the ULBs can also use the floating fund of Rs.636.16 Cr. allocated to them under AMRUT-2.0 for taking up projects in both Water Supply and Sewerage & Septage Sectors.

Projects worth Rs.492.87 Cr. (Capex), were approved under SWAP-1 (Rs.104.63 Cr. – Thiruvananthapuram Corporation) and SWAP-2 (Rs.388.24 Cr. – Kollam, Kochi & Kozhikode Corporations). Out of this, projects worth Rs.35.07 Cr. were transferred from SWAP-1 to AMRUT-1.0 as decided by the 35th SHPSC of AMRUT-1.0 in order to utilise the unspent funds. As a result, the SWAP-1 amount has reduced to Rs.69.56 Cr. Hence the total amount of the projects approved under SWAP-1 & SWAP-2 has reduced to Rs.457.81 Cr.

SWAP-3 proposals worth Rs.141.75 Cr. (Capex) of Kochi & Thrissur Corporations, and Alappuzha & Palakkad Municipalities have been approved so far. The SWAP-3 projects of Kollam, Thrissur, Kannur, Thiruvananthapuram & Kozhikode Corporations, and Guruvayur Municipality are placed in this SLTC for approval. The details of these proposals are as shown below.

SWAP-3 Proposals – This SLTC:

Sl. No.	ULB	Name of Work	Impl. Agency	Amount as per CWAP			Major Components	Land Availability (Yes/ No)	Council Approval (Yes/ No)	Cost per HH Benefitted (₹ Cr.)
				Capex (₹ Cr.)	O&M (₹ Cr.)	Total Cost (₹ Cr.)				
1	Kannur	5 MLD STP at Maithanapalli with 130 KLD septage co-treatment	KWA	124.00	16.00	140.00	1. STP - 5 MLD (MBBR) 2. Septage Co-treatment - 130 KLD 3. Sewer Network - 41 km 4. Pumping Main - 1 km 5. Pumping Station - 10 nos.	Yes	Yes	16143
2	Guruvayur	Augmentation of existing 3 MLD STP at Chakkamkandam to 5 MLD with 20 KLD septage co-treatment and treatment of polluted water of Valiyathodu	KWA	21.00	4.15	25.15	1. Augmentation of 3 MLD STP to 5 MLD 2. Septage Co-treatment - 20 KLD 3. Interception & diversion work for the purification of canal 4. Sewer Network - 2.75 km	Yes	Yes	10123
3	Kollam	Sewer network - Asramom package (for Kureepuzha STP)	KWA	32.14	5.24	37.38	1. Sewer Network - 8.10 km 2. Pumping Main - 0.76 km 3. Pumping Station - 1 no.	Yes	Yes	139660
4	Kollam	Sewer network - Karumalil & Vaady package (for Kureepuzha STP)	KWA	24.76	5.24	30.00	1. Sewer Network - 2.22 km 2. Pumping Main - 0.64 km 3. Pumping Station - 2 nos.	Yes	Yes	75590
5	Kollam	Sewer network - Iron Bridge package (for Kureepuzha STP)	KWA	27.37	5.17	32.54	1. Sewer Network - 4.40 km 2. Pumping Main - 2.95 km 3. Pumping Station - 1 no.	Yes	Yes	76748
6	Thrissur	Decentralised Sewerage Scheme for Thrissur Corporation	ULB	64.20	6.00	70.20	1. STP - 2.5 MLD (MBBR) 2. Sewer Network - 25 km 3. Pumping Main - 2 km 4. Pumping Station - 1 no.	Yes (SLMC clearance is awaited)	Yes	237778
7	Thiruvananthapuram	Sewerage work (5 nos.) related to the action plan of Karamana River	KWA	7.56	0.23	7.79	CWAP to be submitted.	Yes	?	35167
8	Thiruvananthapuram	Sewerage works (13 nos.) of Sewerage Division, KWA, Pattoor	KWA	15.52	0.78	16.30	CWAP to be submitted.	Yes	?	2848
9	Kozhikode	Sewerage proposal for Zone-A	KWA	133.86	10.00	143.86	CWAP to be submitted.	?	?	111179
				450.40	52.81	503.22				

SWAP Inclusive of Proposals Placed in This SLTC:

Sl. No.	ULB	Implementing Agency	Fund Allocation (₹ Cr.)	Floating Fund (₹ Cr.)	Tranche-1		Tranche-2		Tranche-3A		Tranche-3B (This SLTC)		TOTAL		
					AS - CAPEX Cost (₹ Cr.)	No. of Projects (No.)	AS - CAPEX Cost (₹ Cr.)	No. of Projects (No.)	CAPEX Cost (₹ Cr.)	No. of Projects (No.)	CAPEX Cost (₹ Cr.)	No. of Projects (No.)	CAPEX Cost (₹ Cr.)	No. of Projects (No.)	Balance Amount (₹ Cr.)
1	Thiruvananthapuram	KWA	111.39		69.56	11					23.08	2	92.65	13	18.74
2	Kollam	KWA	57.17				39.04	1			84.26	3	123.30	4	-66.13
3	Kochi	KWA	195.48	21.15			185.00	1	31.63	2			216.63	3	0.00
4	Kozhikode	KWA & ULB	163.54	139.03			164.20	1			133.86	1	298.06	2	4.51
5	Alappuzha	KWA	67.95						64.85	1			64.85	1	3.10
6	Kannur	KWA	124.93								124.00	1	124.00	1	0.93
7	Palakkad	ULB	40.97						0.40	1			0.40	1	40.57
8	Thrissur	KWA & ULB	103.19						44.86	1	64.20	1	109.06	2	-5.87
9	Guruvayoor	KWA	25.15								21.00	1	21.00	1	4.15
			889.77	160.18	69.56	11	388.24	3	141.75	5	450.40	9	1049.95	28	0.00

The proposal of Thrissur Corporation is placed in this SLTC in anticipation that the clearance of the State Level Monitoring Committee (SLMC) for the proposed land will be obtained soon. The City Water Action Plans (CWAPs) of the proposals of Thiruvananthapuram Corporation and Kozhikode Corporation placed in this SLTC are to be submitted by the ULBs. Hence, only tentative details of the proposals are known. However, these proposals are included in this SLTC to avoid further delay in the finalisation and submission of the SWAP-3 proposals to MoHUA. The balance funds available with the ULBs are proposed to be adjusted between the ULBs in such a way that full utilisation of the available funds is ensured and the burden of excess funds does not fall on the State or ULBs.

Decision to be Taken:

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

- Approval of 9 SWAP-3 proposals worth Rs.503.22 Cr. (Capex: Rs.450.40 Cr. & Opex: Rs.52.81 Cr.)
 - Kannur Corporation – 1 no. – Rs.140.00 Cr. (Capex: Rs.124.00 Cr. & Opex: Rs.16.00 Cr.)
 - Guruvayur Municipality – 1 no. – Rs.25.15 Cr. (Capex: Rs.21.00 Cr. & Opex: Rs.4.15 Cr.)
 - Kollam Corporation – 3 nos. – Rs.99.92 Cr. (Capex: Rs.84.26 Cr. & Opex: Rs.15.66 Cr.)
 - Thrissur Corporation – 1 no. – Rs.70.20 Cr. (Capex: Rs.64.20 Cr. & Opex: Rs.6.00 Cr.)
 - Thiruvananthapuram Corporation – 2 nos. – Rs.24.09 Cr. (Capex: Rs.23.08 Cr. & Opex: Rs.1.00 Cr.)
 - Kozhikode Corporation – 1 no. – Rs.143.86 Cr. (Capex: Rs.133.86 Cr. & Opex: Rs.10.00 Cr.)
- The approval of the Council shall be obtained for the proposals of Thiruvananthapuram & Kozhikode Corporations and the CWAP of these proposals shall be submitted before the next SHPSC.
- The balance funds available with the ULBs shall be adjusted between the ULBs in such a way that full utilisation of the available funds is ensured and the burden of excess funds does not fall on the State or ULBs.

Agenda Item No.12.6: REJUVENATION OF WATER BODIES AND DEVELOPING GREEN SPACES AND PARKS PROJECTS

Agenda Item No.12.6.1: ADMINISTRATIVE SANCTION FOR REJUVENATION OF WATERBODY PROJECTS UNDER SWAP-2:

Rejuvenation of water bodies is a significant component of the mission, with 4% of central project funds allocated for this purpose, and 1% earmarked for the development of green spaces and parks. A special SWAP comprising 255 projects for water body rejuvenation, amounting to Rs. 82.354 crore (CA-Rs. 34.02 crore), was submitted and approved during the 6th Apex Committee meeting held on January 4, 2023.

Currently, Administrative Sanctions have been accorded for 234 water body rejuvenation projects worth Rs. 71.129 crore (CAPEX Rs. 66.2504 crore and O&M Rs. 4.8786 crore). During its 8th meeting, the SHPSC sanctioned the cancellation of 22 projects totaling Rs. 10.914 crore (Capex: Rs. 10.34 crore, O&M: Rs. 0.574 crore), replacing them with 18 projects costing Rs. 9.834 crore (Capex: Rs. 9.404 crore, O&M: Rs. 0.430 crore).

Eight ULBs have submitted DPRs for 16 replaced water body rejuvenation projects, seeking issuance of Administrative Sanction and the details are as follows.

Proposal for Granting Administrative Sanction to Replacement Projects for Waterbody Rejuvenation Schemes Approved by the 8th SHPSC as Substitutes for Cancelled Projects

Sl No.	Name of ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components as per DPR	Extent in cent
1	Alappuzha (M)	Amrut 2.0- Alappuzha municipality- Rejuvenation of Alisserry Temple pond. [CA- Rs.0.083 Cr, State share-Rs 0.127 Cr, ULB share- Rs 0.05 Cr]	0.250	0.010	0.260	58.0m long, 2.5 deep Side protection works with stone masonry, ghats, footpaths, handrails, floating wetlands, aerators, fish stocking, etc.	6.18 Lat- 9.485587 Long- 76.331632
2	Alappuzha (M)	AMRUT 2.0 - Alappuzha Municipality- Rejuvenation of Pathiyamkulangara Temple Pond in Eravukad	0.325	0.025	0.350	Deepening, 88.0m long and 2.5m deep Side protection works with stone masonry, ghats, footpaths, handrails, floating wetlands,	16.8 Lat- 9.467383 Long- 76.337456

Sl No.	Name of ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components as per DPR	Extent in cent
		ward. [CA-Rs.0.1083 Cr, State share-Rs 0.163 Cr, ULB share- Rs 0.079 Cr]				aerators, fish stocking, etc.	
3	Aluva (M)	AMRUT 2.0 - 2022-2023- Rejuvenation of Mettukadavu in Aluva Municipality. [CA-Rs.0.0604 Cr, State share-Rs 0.045 Cr, ULB share- Rs 0.0175 Cr]	0.121	0.002	0.123	Maintenance of DR walls, maintenance of steps, bench for sitting, fixing of handrails, paving of chequered tiles, and provisions for covering the stormwater drain crossing.	River Lat- 10.12415 Long- 76.34486
4	Kochi Corporation	Rejuvenation of wells in various divisions of Kochi Municipal Corporation [CA-Rs.0.3333 Cr, State share-Rs 0.333 Cr, ULB share- Rs 0.3383 Cr]	1.000	0.005	1.005	Desilting, sidewall protection, pathway around the wells, repairing the drains, providing storage tank, electrification, etc.	26 Wells Lat- 9.964169 Long- 76.25503
5	Kollam Corporation	Rejuvenation Of Munnani Kulam And Development of a Park Adjacent to the Pond. [CA-Rs.0.133 Cr, State share-Rs 0.133 Cr, ULB share- Rs 0.1533 Cr]	0.400	0.020	0.420	Deepening, water purifying systems, GI chain links, footpaths, 28.0m long and 3.0m deep protection wall, parapet wall, drain, etc.	9.39 Lat- 8.8864 Long- 76.6252
6	Kollam Corporation CA-Rs. 0.191cr	Rejuvenation of Thamarakulam in Div 46 Thamarakulam [CA-Rs.1.1913 Cr, State share-Rs 1.192 Cr, ULB share- Rs 0.22003 Cr]	0.574	0.029	0.603	Side wall repairing, 191.0M drain construction , covering slab, foot path, chain link, fencing, beches, floating wet land etc.	19.28 Lat- 8.883241 Long- 76.586899

Sl No.	Name of ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components as per DPR	Extent in cent
7	Kollam Corporation	Rejuvenation of Chirayilkulam at Div 20 Mangad [CA-Rs.0.224 Cr, State share-Rs 0.224 Cr, ULB share- Rs 0.257 Cr]	0.6716	0.0335	0.705	Desilting, 64.0 M protection wall, fencing, foot path, benches, floating wet land etc.	61.02 Lat- 8.9125 Long- 76.6139
8	Kollam Corporation	Rejuvenation of Vilayilkulam at Div 03 Meenathuchery. [CA-Rs.0.039 Cr, State share-Rs 0.039 Cr, ULB share- Rs 0.045 Cr]	0.118	0.006	0.124	Desilting, 12.0 M protection wall, fencing, floating wet land etc.	5.14 Lat- 8.9274 Long- 76.5613
9	Kollam Corporation	Rejuvenation of Fathimakulam at Div 22 Chathinakulam. [CA-Rs.0.009 Cr, State share-Rs 0.009 Cr, ULB share- Rs 0.0107 Cr]	0.028	0.001	0.029	Desilting, fencing, foot path, floating wet land etc.	9.24 Lat- 8.9213 Long- 76.6285
10	Kollam Corporation	Rejuvenation of Ezhuthil Kulam at Ezhuthil Mukku in Div 02. [CA-Rs.0.016 Cr, State share-Rs 0.016 Cr, ULB share- Rs 0.01861 Cr]	0.049	0.002	0.051	Desilting, repairing damaged protection wall, foot path, floating wet land etc.	6.49 Lat- 8.9188 Long- 76.5539
11	Kothamangalam (M)	Rejuvenation of Karinga Chira Ward - 06 of Kothamangalam Municipality. [CA-Rs.0.15 Cr, State share-Rs 0.122 Cr, ULB share- Rs 0.0375 Cr]	0.300	0.010	0.310	Deepening, 78.0m long, 3.8m deep stone masonry protection wall, 60 m long drain, provision for water purification, hand rail, etc.	44.93 Lat- 10.076362 Long- 76.64397

Sl No.	Name of ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components as per DPR	Extent in cent
12	Kothamangalam (M)	Rejuvenation of Maalakha Chira Ward - 10 of Kothamangalam Municipality. [CA-Rs.0.15 Cr, State share-Rs 0.122 Cr, ULB share- Rs 0.0375 Cr]	0.300	0.010	0.310	Deepening,45.0m long,5.0m deep stone masonry protection wall, 27.0m long drain, provision for water purification, handrail, etc.	27.8 Lat-10.076326 Long-76.64397
13	Mananthavadi	Amrut 2.0 Water Body Rejuvenation – Kumaramala pond in, Mananthavady Municipality-. [CA-Rs.0.055 Cr, State share-Rs 0.041 Cr, ULB share- Rs 0.0247 Cr]	0.110	0.011	0.121	11.0m long,3.55m deep stone masonry protection wall, provision for water purification, parapet wall, etc.	4.94 Lat-11.8277058 Long-75.8411403
14	Mananthavadi	Amrut 2.0 Water Body Rejuvenation - Adivaram Pond in Mananthavady Municipality. [CA-Rs.0.13 Cr, State share-Rs 0.097 Cr, ULB share- Rs 0.0375 Cr]	0.260	0.005	0.265	68.5m long, 4.8m deep stone masonry protection wall, provision for water purification, parapet wall, etc.	15.32 Lat-11.821524 Long-76.006596
15	Maradu (M)	Rejuvenation of VHSC Mamgayil pond in Maradu Municipality. [CA-Rs.0.125 Cr, State share-Rs 0.094 Cr, ULB share- Rs 0.0512 Cr]	0.250	0.020	0.270	Deepening, 69.4 m and 3.5m deep protection works, handrail, footpath, floating wetlands, aerators, etc.	9.89 Lat-9.9369751 Long-76.3287618
16	Erattupetta	Rejuvenation of Nadakkal Nadakedom Parmbukulam in Ward 7 of Erattupetta Municipality.	0.076	0.0075	0.0835	Deepening, access to the well, handrail, water purification system., 9.25m long stone protection wall, etc.	3.46 Lat-9.691651 Long-76.785113

Sl No.	Name of ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components as per DPR	Extent in cent
		[CA-Rs.0.038 Cr, State share-Rs 0.029 Cr, ULB share- Rs 0.017 Cr]					
			4.8326	0.197	5.0295		

Decision to be Taken:

- The Committee may recommend to SHPSC the issuance of Administrative Sanction for the 16 projects under the Rejuvenation of Water Bodies program within SWAP 2, totaling Rs. 5.0295 crore (CAPEX – Rs. 4.8326 crore & OPEX - Rs. 0.197 crore), subject to the condition that ULBs obtain consent and an undertaking from the pond owners.

Agenda Item No.12.6.2: 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. Six ULBs have placed their request for the cancellation of ten projects worth Rs.1.996 Cr. (Capex-1.8283 Cr, O & M – 0.1677) which cannot be implemented due to various reasons.

A total of 111 project proposals, amounting to Rs. 52.635 crore (Capex: Rs. 50.429 crore, O & M: Rs. 2.206 crore, Central Assistance: Rs. 19.827 crore), under the Rejuvenation of Water Bodies were approved by the 7th SHPSC under Tranche 3 for onward transmission to MoHUA. Thiruvananthapuram Corporation has requested the cancellation of one project, "Maintenance of Kulavarambil Kulam in Muttada Ward," which has a cost of Rs. 0.29 crore (Capex: Rs. 0.27 crore, O & M: Rs. 0.02 crore). As a result, the total cost of cancelled projects now amounts to Rs. 2.283 crore (Capex: Rs. 2.098 crore, O & M: Rs. 0.1877 crore).

These projects can be replaced with 4 new Waterbody Rejuvenation proposals of eight ULBs worth Rs. 1.3952Cr. (1.2752 Cr, O & M - 0.12 Cr).

WATERBODY REJUVENATION- PROJECTS TO BE CANCELLED										
S. No	Tranche No	Name of ULB	Name of the work	Project Cost Cr	Capex (Cr)	O& M (Cr)	ULB share Cr	State share Cr	Central share Cr	Reason for Cancellation
1	II	Palakkad	Rejuvenation of Nambiar pond	0.88	0.8	0.08	0.213	0.4004	0.266	NOC not obtained. Private pond

2	II	Palakkad	Rejuvenation of Manalancheri Pond	0.316	0.2873	0.0287	0.0765	0.1436	0.0956	NOC not obtained. Private pond
3	II	Kottarakkara	Rejuvenation of Ganapathy Temple Pond Ward No 25	0.051	0.05	0.001	0.0071	0.0184	0.0245	Work will be arranged using another fund because the allotted AMRUT fund is insufficient.
4	II	Nilambur	Amrut 2.0- Fencing And Beautification Of Kaduvakkulam Nilambur Municipality In Ward-29	0.165	0.15	0.015	0.0337	0.0563	0.075	The land was not included in the Asset register
5	II	Pandalam	AMRUT2.0 Rejuvenation of Cheruvallikuzhi Kulam	0.0520	0.0510	0.001	0.007	0.019125	0.0255	NOC not obtained. Private pond
6	II	Pandalam	AMRUT2.0 Rejuvenation of Amappuram Kulam in Ward 26	0.1020	0.100	0.002	0.015	0.0375	0.05	Work arranged using Irrigation dept fund.
7	II	Malappuram	AMRUT 2.0 Rejuvenation of Mannoor Shivakshethra Temple Pond in Malappuram Municipality ward 18	0.3900	0.350	0.04	0.044	0.13125	0.175	There is a dispute between the temple committees over the ownership of the land, which is hampering the start of the work. Hence, the project has been cancelled.
8	II	Thaliparamba	Rejuvenation of pond at Puzhakulangara	0.04	0.04	0	0.005	0.015	0.02	The project was included and completed as part of the annual plan for 2023-24. Therefore, it has been cancelled from the AMRUT project.
		Total Savings in Tranche II		1.996	1.8283	0.1677	0.4013	0.8215	0.7316	
9	III	Thiruvananthapuram	AMRUT 2.0 Maintenance of Kulavarambil	0.29	0.27	0.02	0.09	0.09	0.09	The rejuvenation work of the proposed pond

			Kulam in Muttada Ward							has been undertaken under the ULB's plan fund, and the work is in progress.
		Total Savings in Tranche II & III		2.283	2.0983	0.1877	0.4913	0.9115	0.8216	

DETAILS OF REPLACEMENT PROPOSAL OF WATERBODY REJUVENATION PROJECTS

Sl No.	Name of ULB	Name of the work,	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	ULB share Cr.	State share Cr	Central Assistance Cr	Major Components as per DPR	Extent in cent. Latitude, Longitude
1	Pandalam	AMRUT 2.0 Rejuvenation of Thalakkottuchira pond and development of park at Pandalam Municipality	0.3752	0.05	0.4252	0.0469	0.1407	0.1876	Dredging and desilting, Repair of existing stone masonry, handrail, pathway, Landscaping and tree planting, Electrification, Installation of open gym equipment, Water sprinkling system, creation of a planted gravel wetland for inlet drainage.	Area :170 cent Lat:9.216289 Long:76.693189
2	Koyilandy	Rejuvenation of Vadakkumpattillam pond	0.3	0.03	0.33	0.0375	0.1125	0.15	Dredging and desilting, Repair of existing stone masonry, handrail, pathway, Landscaping and tree planting, Electrification,	Area : 4 cent Lat: 11.4764 Long: 75.7177
3	Thiruvananthapuram Corporation	AMRUT 2.0- Rejuvenation of Pinakottukonam Pond in Chembazanthi Ward	0.3	0.02	0.32	0.0375	0.1125	0.15	Dredging and desilting, Repair of existing stone masonry, handrail, pathway, Supplying and Planting Floating wet Land. Electrification	Area :100. cent Lat: 8.566128 Long: 76.896546
4	Thiruvananthapuram Corporation	AMRUT 2.0- Rejuvenation of Charachira Pond in Nanthancode Ward	0.3	0.02	0.32	0.0375	0.1125	0.15	Desilting, Supplying and Planting Floating wet Land, Installing Surface floating Aerator, Electrification.	Area: 184 cent Lat: 8.516086 Long: 76.9492
			1.2752	0.12	1.3952	0.1594	0.4782	0.6376		

According to Clause 6.9.1 of the AMRUT 2.0 Guidelines, the SHPSC is authorized to approve the replacement of projects costing up to 10% of the respective tranche of SWAP within the eligible project components of AMRUT 2.0. Projects exceeding this 10% threshold, if approved by the SHPSC, must be forwarded to the Apex Committee with appropriate justifications for consideration and approval.

In its 8th meeting, the SHPSC sanctioned the cancellation of 22 projects amounting to Rs. 10.914 crore (Capex: Rs. 10.34 crore, O&M: Rs. 0.574 crore) and their replacement with 18 projects costing Rs. 9.834 crore (Capex: Rs. 9.404 crore, O&M: Rs. 0.430 crore). It is noteworthy that the current replacement proposal remains well within the 10% limit of Tranche 2 funds, totaling Rs. 683.07 crore.

Furthermore, Secretaries have been instructed to furnish an undertaking to the Managing Director of AMRUT regarding land ownership. Specifically for religious ponds, they must procure an undertaking from the respective religious authority ensuring that public access will not be restricted. The Secretaries have been cautioned about the severe consequences of non-compliance with these directives.

Decision to be Taken:

- **The SLTC may recommend cancelling 10 water body rejuvenation projects amounting to Rs. 2.388 crore (Capex: Rs. 2.1983 crore, O & M: Rs. 0.1897 crore) and substituting them with four new projects amounting to Rs. 1.3952 crore (Capex: Rs.1.2752 crore, O & M: Rs.0.12 crore) to the SHPSC.**

Agenda Item No.12.6.3: AMRUT 2.0- REVISION OF ADMINISTRATIVE SANCTION FOR TWELVE PROJECTS:

Twelve proposals from six Urban Local Bodies have been received for revising the Administrative Sanction of water body rejuvenation projects, citing tender excess, design changes, or estimate revisions. The following is a summary of the same.

- The Municipalities of Eloor and Thrippunithura requested a revision of Administrative Sanction (AS) due to tender excess of 9.09% and 8.9335% respectively, above the tendered cost (PAC). The tender excess has been approved by the respective ULBs as per the prevailing Govt. Order [GO (P)No.16/2017/Fin. Dated 06/02/2017] of Finance Department maximum admissible contract PAC shall be limited to the LMR or prevailing DSR + 10% tolerance limit, whichever is lower.
- Pandalam, Mukkom, Pernthalmanna and Palakkad municipalities requested revision of the Administrative Sanction (AS) due to estimate revision.

The Central Government may not fund the tender excess amount if the awarded contract cost exceeds the appraised cost. Consequently, the tender excess amount may need to be borne by the State and the respective ULB. In its 8th meeting, the SHPSC decided that for AMRUT 1.0 cities, 75% of the amount due to tender excess may be covered by the ULB, with the remaining 25% covered by the State. For

AMRUT 2.0 cities, 50% of the amount due to tender excess may be covered by the ULB, with the remaining 50% covered by the State.

A. Revision of the Administrative Sanction (AS) due to tender excess.

ULB	Name of work	Reason	AS Amount (Cr.)	Revised AS Amount (Cr.)	Total Additional Amount (Cr.)	Tender excess State share (Cr.)	Tender excess ULB share (Cr.)
Eloor	Rejuvenation and Renovation of Edampadam Pond in Ward no: 24 of Eloor Municipality	Tender excess- 9.09 %.	0.40	0.430039	0.030039	0.01502	0.01502
Thrippunithura	Rejuvenation of Thammandi pond at Tripunithura Municipality	Tender excess- 8.9335%	0.50	0.555	0.055	0.0275	0.0275
			0.90	0.985039	0.085039	0.04252	0.04252

B. Revision of the Administrative Sanction (AS) due to estimate revisions.

ULB	Name of work	Reason	AS Amount (Cr.)	Revised AS Amount (Cr.)	Excess Amount (Cr.)	Excess Central share (Cr.)	Excess State share (Cr.)	Excess ULB share (Cr.)
Pandalam	Rejuvenation of Sastha Kshethra Kulam in Ward 33.[Area- 5.0 cents]	0Depth of pond is more than anticipated. A Bathing Ghat is also required. Rubble masonry, foot paths, hand rails, floating wet lands etc.	0.102	0.240	0.138	0.069	0.052	0.01725
Pandalam	Rejuvenation of Venkulathil Kulam in Ward 3. [Area – 5.0 cents & drain]	Depth of pond is more than anticipated. Connecting drain has to be improved. Rubble masonry, foot paths, hand rails, floating wet lands etc.	0.050	0.192	0.142	0.071	0.053	0.018
Palakkad	Rejuvenation of Vaidhyathanaswami Pond. [103 cents]	The recorded area in the village survey is 103 cents, significantly higher than the estimated area of 16 cents. To ensure the protection of the area in accordance with the records, additional funds will be required. Desilting, Rubble masonry [198m3],	0.18	0.695	0.515	0.171	0.258	0.086

ULB	Name of work	Reason	AS Amount (Cr.)	Revised AS Amount (Cr.)	Excess Amount (Cr.)	Excess Central share (Cr.)	Excess State share (Cr.)	Excess ULB share (Cr.)
		foot paths, hand rails, floating wet lands etc.						
Mukkam	Amrut 2.0 - Rejuvenation of Aasarimakal Pond in Division 27.[Area: 2Cent, Lat:11.34806 Long: 75.96417]	The initial estimate focused solely on basic repair works and was minimal. Therefore, additional provisions such as dredging and desilting, repairing existing stone masonry, handrails, pathways, and supplying and planting Floating Wetlands are now essential.	0.016	0.1023	0.0863	0.043	0.032	0.011
Perinthalm anna	Nariyengal kulam Rejuvenation. [Area 4.0 cents; Lat-10.9838; Long-76.2318]	The initial estimate concentrated solely on basic repair works and was minimal. More comprehensive protection is needed than initially anticipated.	0.10	0.20	0.10	0.05	0.0375	0.0125
Perinthalm anna	Cherukulam Rejuvenation: [Area-2 Cents; Lat- 10.96312; Long-76.23721]	The initial estimate concentrated solely on basic repair works and was minimal. More comprehensive protection is needed than initially anticipated.	0.04	0.135	0.095	0.0475	0.035	0.012
Perinthalm anna	Parakottukulam Rejuvenation; [Area-2.0 cents; Lat-10.9644; Long-76.2583]	The initial estimate concentrated solely on basic repair works and was minimal. More comprehensive protection is needed than initially anticipated.	0.04	0.1771	0.1371	0.069	0.051	0.017
Perinthalm anna	Melecholakulam; [Area- 5.0 Cents; lat-10.961; Long-76.2568]	The initial estimate concentrated solely on basic repair works and was minimal. More comprehensive protection is needed than initially anticipated.	0.10	0.1217	0.0217	0.01	0.008	0.002
Perinthalm anna	Aanakundmundath appalamkal; [Area-3.0 Cents; Lat –	The initial estimate concentrated solely on basic repair works and was minimal. More	0.04	0.16	0.12	0.06	0.045	0.015

ULB	Name of work	Reason	AS Amount (Cr.)	Revised AS Amount (Cr.)	Excess Amount (Cr.)	Excess Central share (Cr.)	Excess State share (Cr.)	Excess ULB share (Cr.)
	10.98857;Long-76.2262]	comprehensive protection is needed than initially anticipated.						
Perinthalmanna	Chaliyamkulam; [Area- 5.0 Cents; Lat-0.9936; Long-76.23394]	The initial estimate concentrated solely on basic repair works and was minimal. More comprehensive protection is needed than initially anticipated.	0.08	0.12	0.04	0.02	0.015	0.005
	Total		0.748	2.143	1.395	0.611	0.587	0.197

Decision to be Taken:

- **The SLTC may recommend revising the Administrative Sanction for six water body rejuvenation projects to the SHPSC under the following conditions:**

[a] 50% of the amount exceeding the tender limit shall be funded by the ULB, with the remaining 50% funded by the State.

[b] Any additional costs due to extra works shall be covered from savings within the water body rejuvenation sectors of SWAP-1 & 2.

Agenda Item No.12.6.4: APPROVAL OF STATE WATER ACTION PLAN- TRANCHE III- SWAP-3 PROPOSALS:

Rejuvenation of Water Bodies is a significant component under the AMRUT 2.0 mission. Specifically, 4% of the central project funds are earmarked for this purpose, and 1% allocated for the development of Green spaces and Parks.

The total outlay of AMRUT 2.0 for 93 Urban Local Bodies in Kerala is Rs. 3495.0 Cr, with a Central Assistance of Rs. 1372.0 Cr. Out of the total fund, 4% (Rs. 54.88 Cr.) is allocated for the Rejuvenation of Water Bodies, and 1% (Rs. 13.72 Cr.) is allocated for Developing Green Spaces and Parks Projects.

Waterbody Rejuvenation Projects: In Tranche 2, a total of 255 projects aimed at rejuvenating water bodies were submitted, totaling Rs. 82.354 crore [Capex-Rs.76.27 Cr]. Out of this, Rs. 34.02 crore was provided as Central Assistance. These projects received approval during the 6th Apex Committee meeting held on January 4, 2023.

Under Tranche 3, the 7th SHPSC approved 111 project proposals amounting to Rs. 52.635 crore for the Rejuvenation of Water Bodies. This includes Rs. 50.429 crore for capital expenditure (Capex), Rs. 2.206

crore for operations and maintenance (O & M), and Rs. 20.09 crore as Central Assistance. Additionally, 3 project proposals worth Rs. 0.869 crore (Capex: Rs. 0.789 crore, O & M: Rs. 0.080 crore, Central Assistance: Rs. 0.394 crore) were approved by the 8th SHPSC for onward transmission to MoHUA.

The total Central Assistance approved for these projects amounts to Rs. 54.504 crore, slightly below the sanctioned amount of Rs. 54.88 crore. Historically, challenges have been encountered in fully utilizing central assistance due to various reasons. Therefore, an additional project proposal of Rs. 6.59 crore is being submitted for the approval of this committee. This proposal includes a capital expenditure (Capex) of Rs. 6.22 crore and Central Assistance of Rs. 3.11 crore.

As of now, the total Capex stands at Rs. 134.23 crore with Central Assistance amounting to Rs. 57.614 crore, exceeding the sanctioned amount of Rs. 54.88 crore by Rs. 2.734 crore.

Developing Green Spaces and Parks Projects: Under Tranche 3, the 7th SHPSC approved 69 project proposals amounting to Rs. 38.495 crore under this sector. This includes Rs. 34.37 crore for Capex, Rs. 4.125 crore for O & M, and Rs. 15.478 crore as Central Assistance.

The Central Assistance approved for these projects totals Rs. 15.478 crore, which exceeds the sanctioned amount of Rs. 13.72 crore. As observed from past experiences, challenges have been faced in fully utilizing central assistance for various reasons. Therefore, an additional project proposal of Rs. 2.227 crore [Capex- Rs. 2.027; Central Assistance – Rs. 1.0135 Cr] is being submitted for the approval of this Committee.

As of now, the total Capex stands at Rs. 36.397 Crore with Central Assistance amounting to Rs. 16.4915 crore, exceeding the sanctioned amount of Rs. 13.72 crore by Rs. 2.7715 crore.

[A] New Proposals for Waterbody Rejuvenation Projects

Sl No.	Name of ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components as per DPR	Extent in cent
1	VALANCHERRY [CA-0.235 State Share -0.176 ULB share-0.1287]	Rejuvenation of Anthimahakalan Kulam	0.47	0.07	0.54	Desilting, side protection, hand rails, foot path, floating wet lands, electrification etc.	14.08 Lat-10.88695 Long-76.06636
2	MANJERI (M) [CA0.75; State Share -0.6060 ULB share-0.0.1937]	AMRUT 2.0 – Rejuvenation of Nedugappara Quarry by Urban Green Belt and water conservation and beautification project.	1.5	0.05	1.55	Pond construction, drainage, site development, retaining wall for pond, aerators etc	2594.6 [26 Acre] Lat-11.12032 Long-76.17728

3	SHORANUR (M) [CA-1.25 State Share – 0.9375 ULB share- 0.3125]	AMRUT 2.0 - Renovation of Eruppekulam at Kavalappara in Shoranur Municipality	2.50	0.05	2.55	Desilting, side protection, hand rails, foot path, floating wet lands, electrification etc.	111.21 Lat-10.76712 Long-76.29903
4	SHORANUR (M) [CA-0.375;State Share – 0.325;ULB share-0.10]	AMRUT 2.0 - Rejuvenation of Anthimahakalankulam in Ward 31 of Shoranur Municipality	0.75	0.05	0.80	Desilting, drain construction, side protection, hand rails, foot path, floating wet lands, electrification etc	222.42 Lat-10.7852 Long-76.27265
5	SHORANUR (M) [CA-0.40;State Share -0.344 ULB share-0.1062]	AMRUT 2.0 - Rejuvenation of Kulancherikulam in Ward 13 of Shoranur Municipality	0.80	0.05	0.85	Desilting, side protection, hand rails, foot path, landscaping, floating wet lands, electrification etc	98.6 Lat-10.771 Long-76.27788
6	KOTTARAKKARA (M). [CA-0.05 State Share -0.025 ULB share-0.0125]	AMRUT 2.0 - kottarakkara municipality-Water body rejuvenation of kulashekharanalloor temple pond	0.10	0.05	0.05	Dredging and desilting, Repair of existing stone masonry, handrail, pathway, floating wet land.	Area : 18.53 Cent Lat: 9.00380 Long: 76.7747
7	KOTTARAKKARA (M). [CA-0.05 State Share -0.025 ULB share-0.0125]	AMRUT 2.0 - kottarakkara municipality-Water body rejuvenation of Avanoor pond	0.1	0.05	0.15	Dredging and desilting, Repair of existing stone masonry, handrail, pathway, floating wet land.	Area :17.29 Cent Lat: 9.01133 Long: 76.76409
	TOTAL		6.22	0.37	6.59		

New Proposals for Developing Green Spaces and parks Projects.

Sl No.	Name of ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components as per DPR	Extent in cent
1	GURUVAYOOR [CA-0.05 State Share -0.0375 ULB share-0.0225]	AMRUT 2.0- Happiness Park at Chamundeswary Temple Road.	0.1	0.01	0.11	Civil works, Childrens play equipment, Divyang friendly features and others (Electrification)	1.48 Lat-10.601 Long-76.04027

2	GURUVAYOOR [CA- 0.05 State Share - 0.0375 ULB share - 0.0225]	AMRUT 2.0- Happiness Park at Karakkad.	0.1	0.01	0.11	Civil works, Childrens play equipment, Divyang friendly features and others (Electrification)	1.48 Lat- 10.5898 Long- 76.03942
3	CHANGANASSERY (M) [CA- 0.11 State Share - 0.0825 ULB share - 0.0575]	AMRUT 2.0 - Construction of park near Chithrakulam pond	0.22	0.03	0.25	Civil works, Open gym, Horticulture	11.61 Lat- 9.4425 1 Long- 76.540 537
4	KASARAGOD [CA- 0.08035 State Share - 0.6035 ULB share - 0.35]	AMRUT 2.0 - ENHANCEMENT OF NELLIKUNNU BEACH AT KASARAGOD MUNICIPLAITY	1.607	0.15	1.757	Civil works, Childrens play equipment, others(Lighting system)	36.82 Lat- 12.505 272 Long- 74.972 531
	TOTAL		2.027	0.20	2.227		

Decision to be taken:

- The proposal for the rejuvenation of waterbodies costs Rs. 6.29 crore (Capex Rs. 6.02; O & M Rs. 0.27), and the project for developing green spaces and parks costs Rs. 2.447 crore (Capex Rs. 2.227 crore; O & M Rs. 0.22 crore). These may be recommended to the SHPSC for onward transmission to the Apex Committee.

Agenda Item No.12.7: GENERAL AGENDA

Agenda Item No.12.7.1: AMRUT MITRA

The AMRUT 2.0 guidelines emphasize the involvement of women self-help groups (SHGs) in certain aspects of water management, including water demand management, water quality testing, and water infrastructure operations. To enhance the participation of these SHGs in the water sector nationwide, the Government of India, in collaboration with NULM, has launched a program called 'AMRUT Mitra.' This

initiative aims to empower women in water infrastructure and related projects through a comprehensive approach. **(Guidelines is attached as Annexure 6)**

31 projects from 13 ULBs in Kerala, worth Rs. 298.35 lakh, have been selected and approved by the MoHUA. These include:

- 8 projects for water sample collection and testing (KWA)
- 10 projects for water bill reading (KWA)
- 13 projects for O&M of parks and playgrounds

Work orders were issued for 18 works (11 parks, 2 quality tests & 5 Water meter readings) and 29 SHGs onboarded with 118 SHG members. 11 works were started on-site.

The MoHUA has released 1st instalment of Rs. 74.5875 lakhs in March 2024. Expenditure incurred so far is Rs. 4.84 lakhs.

Decision to be taken:

- **Committee may kindly take note of the progress of AMRUT MITRA.**

Agenda Item No.12.7.2: 24X7 WATER SUPPLY WITH DRINK FROM TAP FACILITY-RECONSTITUTION OF THE STATE-LEVEL TASK FORCE.

The Government vide GO(Rt) No.1627/2022/LSGD dated 07.07.2022. had constituted the State Level Task Force (STF) on Drink from Tap (DFT) under the chairmanship of Technical Member, Kerala Water Authority and reconstituted vide G.O.(Rt)No.1891/2023/LSGD dated 25.09.2023 as follows; (Government Orders are attached as **Annexure:7**)

		Original Tentative Composition	Approved STF (GO(Rt) No.1627/2022/LSGD dated 07-07.2022 & G.O.(Rt)No.2562/2022/LSGD dated 22-10-2022)
1	Chairperson	State Level Technical Head in Water Supply Department/Agency, i.e., Chief Engineer/ Engineer-in-Chief/Engineering Director etc.	Technical Member KWA
2	Member	Chief Engineer/ Superintending Engineer from Director of Municipal Administration of the State	Chief Engineer, LSGD

		Original Tentative Composition	Approved STF (GO(Rt) No.1627/2022/LSGD dated 07-07.2022 & G.O.(Rt)No.2562/2022/LSGD dated 22-10-2022)
3	Member	Hydraulic Engineer/Chief Engineer from Metro cities	Chief Engineer, Projects & Operations, Kerala Water Authority
4	Member	Professor of Environmental Engineering from IIT/NITs/ reputed Engineering Colleges in the State/UT	Head of the Department (Civil), CET
5	Member		Chief Engineer, Irrigation & Administration
6	Member	GIS Expert/Hydraulic Modelling Expert	GIS Expert/Hydraulic Expert, Centre for Water Resources Development and Management (CWRDM), Kozhikode
7	Member	PPP Expert at State level	Additional Director (General), Industrial Department
8	Member	SCADA/Automation Expert	Deputy Chief Engineer, PIU-2: Kerala Water Authority
9	Member Secretary and Coordinator	Executive Engineer at STF Chairman's Office	Executive Engineer, O/o the Chief Engineer, Projects & Operations, KWA
10	Member	NGO related to water supply at the city level	Rajagiri out REACH - as the representative from NGO included in the list of Jal Jeevan Mission Project implementation Supporting Agencies of Kerala.
11	Member		Deputy Mission Director, AMRUT
12	Member		Superintending Engineer, Groundwater department

The Additional Secretary and National Mission Director (AMRUT), Ministry of Housing and Urban Affairs vide DO No. Q-12011/8/2021-CPHEEO, dated 9th April 2024, (**Annexure:8**) has now informed that the Ministry has re-constituted the National Task Force (NTF) on Drink from Tap Water Supply under the Chairperson of Additional Secretary & National Mission Director (AMRUT). Therefore, it has been asked to re-constitute the State Level Task Force (STF) on DFT **under the chairmanship of the Principal Secretary (PHED/UD) or State Mission Directors (AMRUT)** to continuously interact with the NTF for planning, design, and implementation of Drink from Tap 24x7 water supply projects.

The new tentative composition as per the DO letter and suggested composition are as follows;

		Tentative Composition as per DO letter	Suggested STF
1	Chairperson	Principal Secretary (PHED/UD)/State Mission Director -AMRUT	Principal Secretary (PHED/UD)/State Mission Director -AMRUT
2	Co-Chairperson	State Level Technical Head in Water Supply Department/Agency, i.e., Chief Engineer/ Engineer-in-Chief/Engineering Director etc.	Technical Member KWA
3	Member	Chief Engineer/ Superintending Engineer from Director of Municipal Administration of the State	Chief Engineer, LSGD
4	Member	Hydraulic Engineer	Chief Engineer, Projects & Operations, Kerala Water Authority
5	Member	Professor of Environmental Engineering from IIT/NITs/ reputed Engineering Colleges	Head of the Department (Civil), CET
6	Member	Expert on Water Resource Management	Chief Engineer, Irrigation & Administration
7	Member	GIS Expert/Hydraulic Modelling Expert	GIS Expert/Hydraulic Expert, Centre for Water Resources Development and Management (CWRDM), Kozhikode
8	Member	PPP Expert at State level	Chief Engineer PWD (KRFB)
9	Member	SCADA/Automation/ IOT Expert	Executive Engineer (Operations), Jalabhavan KWA
10	Member Secretary	Executive Engineer at STF Co-Chairperson's Office	Executive Engineer Project Implementation Unit-2, Jalabhavan, KWA
11	Member		Deputy Mission Director, AMRUT
12	Member		Chief Engineer, WASCON, Kerala Water Authority

The major changes proposed in the composition are;

- **Chairman-** Principal Secretary (PHED/UD) or State Mission Directors (AMRUT)
- **PPP Expert at State level** – CE PWD (KRFB) instead of Additional Director (General), Industrial Department.
- NGO Member has been excluded from the new tentative composition.

Terms of reference of State level Taskforce are as under;

1. Assess the number of AMRUT cities in their respective States/UTs and monitor the cities which will be implementing 24X7 water supply projects and regularly interact with the National Task Force.
2. Support cities in establishing a city level Task Force (CTF) on 24 X7 water supply system and extend handholding support.
3. Organize State/region wise meeting inviting all the City Engineers for AMRUT cities for handholding and dissemination of knowledge on 24 X7 water supply.
4. Emphasize on the immediate goals and need for implementation of 24 X7 Water Supply in AMRUT Cities, in at least one ward or one DMA or District Metering Areas with about 2000 households as envisaged under AMRUT 2.0.
5. Organize the capacity building program and training to all the respective engineers/staff working in the cities regarding 24 X7 water supply.
6. Ensure that all the cities have sustainable and 95% reliable water source. To ensure this, members of STF shall take up site visits as and when required.
7. Disseminate various components for implementation on 24 X7 water supply brought out in the "Guidelines for Planning, Design and Implementation of 24 X7 Water Supply Systems" and revised Manual on Water Supply and Treatment, to be published by the Ministry
8. Identify and study the national and international best practices of 24 X7 water supply from the viewpoint of effectiveness, efficiency, sustainability, impact and share the success and failure experiences. The service delivery models, O&M. community engagement, institutional setup, adopted technology and lessons applicable/learnt to Indian cities will be identified and shared with the cities in the states.
9. Extend handholding support to cities in preparing City Water Balance Plan, Detailed Project Reports (DPR)s, and reduction in Non-Revenue Water (NRW).
10. Advise cities in setting up Non-Revenue Water (NRW) cells in all AMRUT Cities in the State.
11. Standardize the rate for works relating to surveying and hydraulic modelling, SCADA implementation etc. and DPR preparation and request cities to maintain uniform rate of charge across the State/UT
12. Advise cities to undertake the initiatives of capacity building, institutional strengthening of utilities, and facilitating the twinning program for Cities / ULBS within and outside the Country.
13. Monitor, the city's 24 X7 water supply projects on the Web Portal which will be developed by CPHEEO to maintain data on digital mode and also monitor MIS on 24 X7 Water Supply Systems.
14. The duration of the STF shall be initially for 3 years (2022-2024) and will be extended till completion of AMRUT 2.0.

Decision to be taken:

- **The committee may kindly recommend either the Principal Secretary (PHED/UD) or State Mission Director (AMRUT) as the Chairman of the State Level Task Force (STF) on DFT.**
- **The committee may verify and decide the reconstitution of the State Level Task Force (STF) on DFT with the structure and guidelines mentioned above.**

Agenda Item No.12.7.3: SELECTION OF THE PROJECT DEVELOPMENT MANAGEMENT CONSULTANCY

The Government has approved the modified RFP for the PDMC services as per G.O.(Rt)No.1276/2023/LSGD dated 19.6.2023 and it was published on the CMD Portal on 20.6.2023. The deadline for online bid submission was 10.08.2023 and the deadline for submitting hard copies of bids was on 19.08.2023.

Four bidders had submitted their bids online and in hard copies: 1) Shah Technical Consultants Pvt. Ltd 2) Voyants Solution Pvt. Ltd. 3) WAPCOS Ltd. 4) Meinhardt Singapore Pte Ltd.

The technical bids were opened in the Consultant Selection Committee held on 18.08.2023 and bids were evaluated based on the eligibility criteria. Subsequent to the evaluation of technical bids, the marks were awarded to the bidders. Meinhardt Singapore Pte Ltd was found to be not eligible. Subsequently, the financial bids were opened by the CSC meeting held on 14.09.2023 at SMMU and the details of the financial bids received and financial scores assigned are as follows:

Sl. No.	Name of Bidder	Amount quoted in INR	Financial Score Assigned (out of 100)
1	Shah Technical Consultants Pvt. Ltd. In JV with Centre for Environment and Development	8,33,81,000.00	100.00
2	WAPCOS Ltd. In JV with Socio-Economic Unit Foundation	8,81,40,116.00	94.60
3	Voyants Solution Pvt. Ltd. In JV with Mythri Sarva Seva Samithi	12,22,00,000.00	68.23

Meantime, a complaint was received from a firm. The complaint letter stated that the Consultant Shah Technical Consultants Pvt. Ltd. In JV with the Centre for Environment and Development had caused damage to the works of Kerala Water Authority. In reply to the petition, the Deputy Chief Engineer, KWA has reported that based on the complaint received from the same petitioner regarding the performance of TECC in JICA project and the fact-finding report submitted by CE (CR), the government had directed to hold the RFP for ADB project and the matter is now under the consideration of the Secretary WRD. **Since Shah Technical Consultants Pvt. Ltd. In JV with Centre for Environment and Development has the highest rank for the PDMC of AMRUT 2.0, the same was informed to the Government.**

Further, a meeting was held by the Principal Secretary LSGD based on the request of the Mission Director AMRUT to finalize the selection of PDMC assess the status of 8 Activities under the scope of works of PDMC and to check if the engagement of a PDMC is necessary for all the 8 Activities under the scope of works of PDMC.

The status and requirement for a PDMC service for each activity were reviewed and the following decisions were taken;

- **PDMC services are not required for the 4 Activities-**
 - Activity 4- Development of Urban/City Aquifer Management Plan
 - Activity 6- Micro water supply projects
 - Activity 7- Preparation of Detailed Project Reports including tender documents for Sewerage/ Septage projects
 - Activity 8- PDMC shall liaise with the 93 ULBs, Kerala Water Authority, and CMMUs in collecting and updating the data/progress to update on the State/MoHUA portal, monitoring the progress reports
- **For Activity 5- IEC activities supporting the AMRUT 1.0 ULBs-** IEC activities viz: Jalam Jeevitham, Jal Diwali have already been initiated. Hence, the scope of work needs to be downsized and the remaining works can be arranged separately if a PDMC is not selected.
- **Activities 1, 2 & 3 are KWA-related activities.** Hence, it was decided that the Principal Secretary of the Water Resources Department (WRD) to determine whether KWA can independently handle these activities or if the engagement of a PDMC is necessary.
 - **Activity 1-** Carry out all the required engineering surveys and investigations, Digital mapping, assessment, and technology/identification for the 28 selected District Metered Areas (DMAs) in the 10 Urban Local Bodies to supply 'Drink from Tap' Quality piped drinking water on a 24x7 basis.
 - **Activity 2-** Assessment of existing Non-Revenue Water and Developing Strategy and Implementation Action Plan for Reduction of Non-Revenue Water (below 20%) in 10 AMRUT cities.
 - **Activity 3-** Preparation of digital base maps for the existing, proposed, and executed sewer networks in the entire area of Thiruvananthapuram ULB.

The firm period for all the three shortlisted firms viz; Shah Technical Consultants Pvt. Ltd., WAPCOS Ltd., and Voyants Solution Pvt. Ltd is valid till 8th August 2024.

Decision to be taken:

- **The Committee may take a suitable decision on the Selection of PDMC for AMRUT 2.0.**

Agenda Item No.12.7.4: AMRUT 2.0 CAPACITY BUILDING PROGRAMME- AUTHORIZE THE MISSION DIRECTOR OF AMRUT TO APPROVE AIR TRAVEL FOR THE OFFICIALS ATTENDING AMRUT-RELATED PROGRAMS.

Capacity Building and Information, Education, and Communication (IEC) are integral components of AMRUT 2.0. The Capacity Building Programme includes organizing various trainings, workshops, meetings, and discussions by the Ministry of Housing and Urban Affairs (MoHUA) and designated agencies on relevant mission topics. One challenge is the short notice at which MoHUA and other agencies often arrange programmes and meetings, affecting the timely issuance of Government Orders required for air travel permissions. This has resulted in missing certain opportunities for Kerala's participation.

It is important to note that the Government of India fully funds (100% central assistance) the Capacity Building Programme under AMRUT 2.0 (from the funds of Capacity Building under the head A&OE), relieving the State of any financial burden. To streamline Kerala's participation in these vital programmes, it is proposed that the Mission Director of AMRUT be authorized to approve the air travel arrangements outside Kerala for attending the AMRUT-related programmes.

Decision to be taken:

➤ **SLTC may look into the matter and may take a suitable decision**

Agenda Item No.:12.7.5 SETTING UP OF ADDITIONAL OFFICE SPACE FOR SMMU: REVISION OF ADMINISTRATIVE SANCTION

The 6th SHPSC, dated 15/07/23, approved modification works for the newly acquired office space amounting to Rs. 31,46,944/-. The Government Order (G.O.) was issued vide G.O.(Rt) No. 1905/2023/LSGD dated 26/09/23 for the same amount. Kerala State Nirmithi Kendra was appointed as the Project Management Consultant (PMC), and through E-tendering, M/s Sabarmathy Associates, the lowest bidder, was awarded the contract at a rate 11.757% below the estimate.

Following a meeting on 05.09.2023 with the Additional Chief Secretary, LSGD and the WASH Institute, it was decided to allocate space within AMRUT for the technical support unit of WASH Institute based in Thiruvananthapuram. The institute plays a pivotal role in the Local Self Government Department (L.S.G.D.) by leading scaling efforts in Faecal Sludge and Septage Management (FSSM) and wastewater management, alongside focusing on knowledge creation, management, and capacity building interventions.

In compliance with the 6th SHPSC Meeting for AMRUT 2.0, a dedicated workspace was allocated for the GIS-based master plan preparation team.

Upon request, Kerala State Nirmithi Kendra prepared a revised estimate accommodating the additional requirement for 18 modular workstations. The revised estimate totals Rs. 36,71,370/- (Rupees Thirty-Six

Lakh Seventy-One Thousand Three Hundred and Seventy only), inclusive of 18% GST. Urgency forced Nirmithi to proceed with the revised proposal, and they successfully completed the work.

Decision to be taken:

- **The Committee may ratify the actions taken in this regard and approve the revision of the Administrative Sanction to Rs. 36,71,370 (Rupees Thirty-Six Lakh Seventy-One Thousand Three Hundred and Seventy only), up from Rs. 31,46,944 (Rupees Thirty-One Lakh Forty-Six Thousand Nine Hundred and Forty-Four only).**

Agenda Item No.12.8: SUB SCHEME ‘FORMULATION OF GIS BASED MASTER PLANS FOR CLASS II TOWNS UNDER AMRUT 2.0’.

Agenda Item No.12.8.1: GRANTING PERMISSION TO THE STATE NODAL AGENCY (LOCAL SELF GOVERNMENT DEPARTMENT (PLANNING)) FOR ENGAGING CENTRE FOR MANAGEMENT DEVELOPMENT (CMD) IN TENDER PROCESS FOR SELECTING CONSULTANTS FOR OUTSOURCING MASTER PLAN PREPARATION WORKS UNDER THE SUB SCHEME ‘FORMULATION OF GIS BASED MASTER PLANS FOR CLASS II TOWNS UNDER AMRUT 2.0’.

49 towns in the State with population above 50,000 are included under the sub-scheme of ‘Formulation of GIS based Master Plans for Class II towns under AMRUT 2.0’. Government of Kerala vide G.O (Rt) No.2871/2022/LSGD, Dt: 21.11.2022 have designated the Local Self Government Department (Planning) as the Nodal Agency and Chief Town Planner (Planning) as the Nodal Officer for implementation of this sub-scheme.

As per the reform agenda for the sub scheme under AMRUT 2.0, salary & wage components, furniture & fixtures and hardware & software, recurring expenses etc. are inadmissible components. In this context, considering the number of Master Plans to be handled simultaneously in each district within the Mission period and the constraints in the availability of adequate manpower and infrastructure in the Department exclusive for this scheme, it is proposed to outsource the task of preparation of Master Plan. Request for Proposals (RFPs) have to be called for from desired outsourcing Consultants through bid process.

The LSGD (Planning) is first time attempting to prepare the master plans through consultants. E-tendering process needs to be done by Local Self Government Department (Planning). For this, support is necessary for enabling tender process which includes creation of user data, obtaining digital signature, procurement of signing/encryption certificate, finalization of RFP documents, preparation of Bid Evaluation Report, conduct 3-Stage evaluation of the applicants with respect to the notified evaluation criteria, negotiations with the selected Bidder and verification of Documents and Award of Contract etc.

Centre for Management Development (CMD) was involved in Tenders for preparation of Request for Proposal (RFP) for Recruitment of Consulting Firm as PDMC for AMRUT 2.0 Kerala. Hence, as suggested by the Director, AMRUT Mission in the meeting held on 02.12.22, discussion was held with the officials of CMD to explore the possibility of utilizing their service for the selection of Consultants for outsourcing Master Plan preparation work.

Subsequent meetings were held with CMD and a proposal with Service charge of Rs. 11.45 Lakhs (Excluding GST) was quoted by CMD for carrying out the work as mentioned above. Further negotiations were held with CMD in the context of constraint in fund availability in the Support Scheme (State Plan Scheme for supporting the functions of State Nodal Agency) for making payment to CMD and also considering the fact that support is already provided by Internal Evaluation Committee (IEC) in the preparation of draft RFP and further be provided in the process of evaluation of Tenders. Based on the negotiation meeting, CMD submitted revised service charge of Rs. 10.00 Lakhs + GST as well as Terms of Reference (ToR). Details are as follows:

- Professional Fee for Preliminary Support: ₹1,00,000 plus GST
- Professional Fee for RFP for One Cluster: ₹75,000 plus GST
- Total Cost (12 Clusters) : ₹10,00,000 plus GST (Rupees Ten lakh only plus GST)

As per the ToR (**Annexure 9**), CMD will assist in initial hand holding for completing necessary formalities in e-tenders Kerala portal. CMD will also assist Chief Town Planner (Planning) in the preparation and finalization of RFP documents, Preparation of Bid Evaluation Report, Conduct 3-Stage evaluation of the applicants w.r.t. the notified evaluation criteria, negotiations with the Selected Bidder and assist in verification of Documents and Award of Contract.

Decision to be taken:

- **SLTC may approve and recommend to SHPSC to grant permission to the State Nodal Agency i.e Local Self Government Department (Planning) to engage Centre for Management Development (CMD) with a service charge/ professional fee of Rs. 10.00 Lakhs + GST, for assisting in works related to tendering and selection of Consultants for preparation of Master Plans for 49 towns under the Scheme of ‘Formulation of GIS based Master Plans for towns under AMRUT 2.0’, including initial handholding for completing necessary formalities in e-tenders Kerala portal, preparation and finalization of RFP documents, preparation of Bid Evaluation Report, conduct 3-Stage evaluation of the applicants with respect to the notified evaluation criteria, negotiations with the selected Bidder, verification of documents and Award of Contract.**

Agenda Item No.12.8.2: APPOINTMENT OF PLANNER CONSULTANT AND PLANNER ASSOCIATES UNDER THE SCHEME OF FORMULATION OF GIS-BASED MASTER PLANS FOR 49 AMRUT 2.0 TOWNS

Under the Scheme of ‘Formulation of GIS based Master Plans for Class II towns under AMRUT 2.0’, Master Plans of 49 towns in the State are being prepared through outsourcing as salary & wage components, furniture & fixtures, hardware & software, recurring expenses etc. are not permissible.

Hence, to support Local Self Government Department Planning in functioning as the State Nodal Agency, a new State Plan Scheme was introduced in the State Budget 2023-24 as “Support Scheme for Formulation of GIS based Master Plans for AMRUT 2.0 towns” and Rs 30 lakhs was allocated as budget outlay during 2023-24. This included payment of fees for Centre for Management Development in assisting SLNA in tendering and selection of Consultants, Expenses in connection with setting up of a Scheme Implementation Unit by engaging professionals like Planner Consultant, Planner Associate, Planning Assistant and a Clerk cum Accountant, expenses in connection with convening CERC meetings, other review meetings, purchase of Computers, peripherals etc , fees for consultants on ‘on-call’ basis, expenses of district offices, stationaries, site visits etc. As there was problem in cross matching CCO under the Scheme, the fund allotted for the year 2023-24 could not be utilized. The Budget Outlay for the Scheme for 2024-25 is only Rs 8 lakhs. Centre for Management Development has submitted a proposal with professional fees of Rs 10 lakhs + 18 % GST. Hence the budget outlay is insufficient to meet the anticipated expenses under the Scheme.

As per the decision in the 9th meeting of the SLTC and 6th meeting of SHPSC, approval to hire additional space for SMMU AMRUT was permitted, which included space for Scheme Implementation Unit under the sub scheme. As the funds under the State Plan Scheme of “Support Scheme for Formulation of GIS based Master Plans for AMRUT 2.0 towns” is insufficient to hire professionals on contract basis, Chief Town Planner (Planning) has requested for the following:

- i. One Planner Consultant with consolidated Pay of Rs 51600/- per month, as per G.O(Rt) No. 384/2017/LSGD dated 10.2.2017 (**Annexure -10**), may be appointed for a period of two years utilizing any of the funds available with AMRUT Mission Director, to assist SLNA in Co-ordination and Monitoring works under AMRUT 2.0 sub scheme. The works shall include finalization of cluster wise RFPs, co-ordination with CMD, Survey of India, TCPO, Consultants, ULBs concerned and State Government, preparation of guidelines for selected sectors for Master Plan preparation, if any, review of survey questionnaires, co-ordinating capacity building programmes, periodic monitoring of progress of work by Consultants, stage wise vetting of draft reports etc.
- ii. As per G.O (Rt) No. 2766/2009/LSGD dated 24.10.2009 and G.O (Rt) No. 2767/2009/LSGD dated 24.10.2009, a Planner Consultant shall have Post Graduate degree in Town and Country Planning with 10 year experience in the field. His service shall be for a minimum of 12 days per month and he shall assist SLNA in Co-ordination and Monitoring works under AMRUT 2.0 sub scheme including finalization of cluster wise RFPs, co-ordination with CMD, Survey of India, TCPO, Consultants, ULBs concerned and State Government, preparation of guidelines for selected sectors for Master Plan preparation, if any, review of survey questionnaires, co-ordinating capacity building programmes, periodic monitoring of progress of work by Consultants, guidance in stage wise vetting of draft reports and any other works as specified by the Chief Town Planner (Planning).
- iii. Sri. Prasanth H, retired Chief Town Planner (Planning), who was to Nodal Officer of the Sub Schemes under AMRUT 2.0 and has expertise in preparation of Master Plans as well as actively involved in the preparation of RFP under AMRUT 2.0 sub scheme is willing to offer his service in the role of Planner Consultant.
- iv. Two Planner Associates with Post Graduate Degree in Town and Country Planning or equivalent with consolidated Pay of Rs 35000/- per month, as per G.O (Rt) No. 384/2017/LSGD dated 10.2.2017, may be appointed under ‘Young Professionals Programme’ to assist SLNA in all works under the Scheme of Formulation of GIS based Master Plans for AMRUT 2.0 towns.

Decision to be taken:

- SLTC may approve the request of Chief Town Planner (Planning) and recommend to SHPSC to appoint Sri Prasant H, retired Chief Town Planner (Planning) as Planner Consultant for the scheme of Formulation of GIS based Master Plans for AMRUT 2.0 towns for two years on contract basis, with consolidated pay of Rs 51600/- per month. He shall attend office for a minimum of 12 days per month.
- SLTC may approve the request of Chief Town Planner (Planning) and recommend to SHPSC to appoint Two Planner Associates with Post Graduate Degree in Town and Country Planning or equivalent with consolidated Pay of Rs 35000/- per month under 'Young Professionals Programme' to assist SLNA in all works under the Scheme of Formulation of GIS based Master Plans for AMRUT 2.0 towns.
- SLTC may approve the request of the Chief Town Planner and recommend to SHPSC that the salary of the Planner Consultant and two Planner Associates be funded from the A&OE funds of AMRUT 2.0


Mission Director