

7th STATE LEVEL HIGH POWERED STEERING COMMITTEE (SHPSC)

ATAL MISSION FOR REJUVENATION & URBAN TRANSFORMATION (AMRUT 2.0)

AGENDA



Date: 14.12.2023 at 04:00 PM

VENUE: Committee Room of the Chief Secretary



Local Self Government Department, Government of Kerala

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Agenda Item No.7.1: APPROVAL OF MINUTES OF THE 6th SHPSC MEETING OF AMRUT 2.0.

The minutes of the 6th SHPSC meeting of AMRUT 2.0 held on 20th July 2023 is enclosed as **Annexure –1.**

Decision to be Taken: The Committee may approve the minutes of the 6th SHPSC meeting.

Agenda Item No.7.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 6th SHPSC MEETING OF AMRUT 2.0

Agenda Item No.6.3: PROGRESS OF AMRUT 2.0
6TH SHPSC Decision: <ul style="list-style-type: none">❖ The physical and financial progress of Projects were reviewed by the Committee and directed KWA and ULB to expedite the award of projects and also to submit the remaining DPRs of water supply/ Micro water supply/ rejuvenation of water bodies under Tranches 1&2 before 31st July 2023.❖ The Committee decided to cancel the allocated funds of Rs. 24.728 Cr. with Iritty and Mattannur Municipalities since a comprehensive scheme is taken up under KIIFB in the said ULBs.
Action Taken: <ul style="list-style-type: none">➤ Project progress is included in Agenda -7.3.
Agenda Item No. 6.4: ADMINISTRATIVE SANCTION FOR 11 WATER SUPPLY PROJECTS APPROVED UNDER 1st AND 2ND TRANCHES OF SWAP
6TH SHPSC Decision: <ul style="list-style-type: none">❖ The Mission Director AMRUT presented the project proposals before the Committee. The committee reviewed the project proposals in detail and accorded the Administrative Sanctions for 12 WS projects amounting to Rs.281.957 Cr. (CAPEX – Rs. 266.873 Cr. & OPEX – Rs.15.084 Cr.)❖ The Committee accorded the additional fund requirement for Mavelikkara Municipality for an amount of Rs. 52 lakhs from the floating fund for WS projects.
Action Taken: <ul style="list-style-type: none">➤ AS for 12 WS projects were issued vide G.O.(Rt)No.1906/2023/LSGD dated 26.9.2023.➤ TS for 11 proposals is to be issued by the KWA and 1 proposal from Pattambi implemented by ULB is to be issued by the TS Committee.

Agenda Item No.6.5: ADMINISTRATIVE SANCTION FOR 12 MICRO WATER SUPPLY PROJECTS DIRECTLY EXECUTED BY THE ULB APPROVED UNDER 1st and 2nd TRANCHES OF SWAP

6TH SHPSC Decision:

- ❖ The Mission Director AMRUT presented the project proposals before the Committee. The committee reviewed the project proposals in detail and accorded Administrative Sanction for 8 Micro water supply projects of Kothamangalam ULB amounting to Rs 8.836 Cr (Capex: Rs 8.415 Cr. Opex: Rs.0.421 Cr) and 4 Micro water supply projects of Panoor ULB amounting to Rs. 2.816 Cr (Capex: Rs.2.681 Cr. Opex: Rs. 0.135 Cr). Both (Panoor and Kothamangalam) totalling to 11.652 cr. (capex: 11.096 cr, Opex 0.556)
- ❖ The Committee has accorded the additional fund requirement for Kothamangalam Municipality for an amount of Rs. 2.91 Cr. from the floating fund for WS projects.
- ❖ The ULBs should ensure that,
 - The project is technically feasible and has a reliable water source and quality aspects.
 - The provisions and rates are justified and in accordance with AMRUT guidelines.
 - The necessary clearances from the relevant authorities are obtained.
 - The project includes a 5-year Operation & Maintenance plan and only admissible components as per AMRUT guidelines.
 - The Central Assistance for urban development projects should not cover the costs of Operation & Maintenance, Supervision charges, or the Value of land/ structures required for the project development. These costs should be borne by the State/ ULB fund if they are unavoidable.

Action Taken:

- AS was issued vide Government Order G.O.(Rt)No.1909/2023/LSGD dated 26.09-2023 for 8 Micro water supply projects of Kothamangalam ULB and 4 Micro water supply projects of Panoor ULB.
- TS is to be issued by the TS Committee.

Agenda Item No. 6.6: THRISSUR ULB -ADMINISTRATIVE SANCTION FOR THE REPLACEMENT WATER SUPPLY PROJECTS

6TH SHPSC Decision:

- ❖ The Mission Director AMRUT presented the project proposals before the Committee. The committee reviewed the project proposals in detail and accorded administrative sanctions for Water Efficient Thrissur- Phase-2 (WET -2) for an amount of Rs.18.790 Cr. (CAPEX – Rs. 16.948 Cr. & OPEX – Rs.1.842 Cr.) and the 5 Water supply projects (KWA) amounting to Rs.35.61 Cr. (CAPEX – Rs. 35 Cr. & OPEX – Rs.0.61 Cr.).

Action Taken:

- AS was issued vide Government Order G.O.(Rt)No.1899/2023/LSGD dated 26.09.2023 for the 6 replacement projects.
- TS for 5 WS proposals is to be issued by the KWA and the WET-2 project by the TS Committee.

Agenda Item No. 6.7: ADMINISTRATIVE SANCTION FOR THE SEWERAGE PROJECT OF KOZHIKODE CORPORATION (SWAP-2)

6TH SHPSC Decision:

- ❖ The committee observed that the sewer connections given are only 3128 Nos. and that the cost per connection is Rs. 5.25 Lakh. Therefore, the committee instructed KWA to investigate further and come up with a proposal that could reduce the cost per connection.
- ❖ The Committee deferred the proposal.

Action Taken:

- The project was presented in the 10th SLTC meeting and the Committee recommended for SHPSC Approval.
- The proposal is included as a separate agenda in this Committee.

Agenda Item No. 6.8: ADMINISTRATIVE SANCTION OF REJUVENATION OF WATERBODY PROJECTS APPROVED UNDER SWAP-2:

6TH SHPSC Decision:

- ❖ The Mission Director AMRUT presented the project proposals before the Committee. The committee reviewed the project proposals in detail and accorded Administrative Sanction for 133 projects under the Rejuvenation of Water Bodies, amounting to Rs. 46.665 crores (CAPEX – Rs.43.471 Cr. & OPEX - Rs.3.189 Cr.).
- ❖ The over and above the SAAP amount shall be borne by the ULBs.
- ❖ Before issuing Technical Sanctions, ULBs shall ensure that the projects should include a nature-based resource management approach that enhances the ecological functions and services of the water bodies. This involves restoring the source of water, increasing the water flow, and improving the water table in the surrounding areas.

Action Taken:

- AS was issued vide G.O.(Rt)No.1908/2023/LSGD dated 26-09-2023 for 133 projects.
- TS has been issued for 126 projects

Agenda Item No. 6.9: REPLACEMENT OF WATER SUPPLY PROJECT IN KOCHI CORPORATION APPROVED UNDER THE 1ST TRANCHE OF SWAP:

6TH SHPSC Decision:

- ❖ The Committee accorded sanction to the cancellation of the project - Construction of a new OHSR of 15 lakh litres capacity at the Fort Kochi tank site for Rs.4.15 Cr. (CAPEX – Rs.4 Cr. & OPEX - Rs.0.15 Cr.)
- ❖ The Committee accorded sanction to the replacement project – 5 lakh litres CAPACITY GLSR (Ground Level Service Reservoir), pump house, and supply and installation of pump set at Edakochi OHSR for Rs.2.602 Cr. (CAPEX – Rs.2.496 Cr. & OPEX - Rs.0.106 Cr.)

Action Taken:

- AS was issued vide G.O.(Rt)No.1904/2023/LSGD dated 26-09-2023.
- TS is to be issued by the KWA

Agenda Item No. 6.10: THIRUVANANTHAPURAM CORPORATION - CANCELLATION OF A WATER SUPPLY PROJECT AND ADMINISTRATIVE SANCTION FOR TWO REPLACEMENT PROJECTS**6TH SHPSC Decision:**

- ❖ The Committee accorded sanction to the cancellation of the project of Thiruvananthapuram ULB - FIFN - Laying of HDPE pipe from Aruvikara to Peroorkada and construction of 10 MLD sump at Peroorkada for Rs. 99.662Cr. (CAPEX- Rs 94.915 Cr. & OPEX- Rs. 4.747Cr.)
- ❖ The Committee accorded sanction to the following two replacement projects of Thiruvananthapuram ULB;
 - 1) AMRUT 2.0: Laying Transmission main with M.S pipe from Peroorkada to Manvila including interconnection and allied works. - Rs. 66.1 Cr. (CAPEX- Rs. 65.45 Cr. & OPEX- Rs.0.650 Cr.)
 - 2) AMRUT 2.0: TWSS – Providing Water Supply Distribution Network to Chandavila & Kattayikonam under Thiruvananthapuram- Rs. 30.935 Cr. (CAPEX- Rs 29.465Cr. & OPEX- Rs. 1.470 Cr.)
- ❖ The Committee also decided to submit the above proposals to the Apex committee for approval since it exceeds 10% of the 1st tranche of SWAP.

Action Taken:

- AS was issued vide G.O.(Rt)No.2149/2023/LSGD dated 02-11-2023.
- TS is to be issued by the KWA.

Agenda Item No. 6.11: IRINJALAKUDA MUNICIPALITY-CANCELLATION OF THE WATER SUPPLY PROJECT EXECUTED BY KWA- MINI WATER SUPPLY SCHEME TO WARDS 1 AND 2 AND APPROVAL OF REPLACEMENT PROJECT**6TH SHPSC Decision:**

- ❖ The Committee accorded sanction for the cancellation of the project- AMRUT 2.0- Mini Water Supply Scheme to wards 1 and 2 of Irinjalakuda Municipality for a total project cost of Rs.0.840 Cr. (CAPEX- Rs. 0.800 Cr.& OPEX- Rs.0.040 Cr.).
- ❖ The Committee accorded sanction for the replacement of the project, AMRUT 2.0 - Improvement of water supply systems of Irinjalakuda Municipality – IWSS - Strengthening of water supply distribution system in ward 1 & 2 for Rs. 0.840 Cr. (CAPEX- Rs. 0.800 & OPEX- Rs.0.040Cr.)

Action Taken:

- AS was issued vide G.O.(Rt)No.1895/2023/LSGD dated 25-09-2023.
- Work order has been issued.

Agenda Item No. 6.12: IRINJALAKKUDA MUNICIPALITY- REVISED AS FOR THE PROJECT - AMRUT 2.0- PROVIDING HOTLINE FROM MANGADIKKUNNU WTP TO WARDS 23 AND 32 OF IRINJALAKKUDA MUNICIPALITY, STRENGTHENING OF OLD AC AND PVC PIPES BY REPLACING THEM WITH NEW PE/PVC PIPES. AND PROVIDING 200 NUMBERS OF FHTCS.

6TH SHPSC Decision:

- ❖ The Committee approved the revision of the Administrative Sanction of the project: "AMRUT 2.0-Providing a hotline from Mangadikkunnu WTP to wards 23 and 32 of Irinjalakuda Municipality; Strengthening old AC and PVC pipes by replacing them with new PE and PVC pipes; and providing 200 numbers of FHTCs from Rs. 1.680 Cr. (CAPEX: Rs. 1.600; OPEX: Rs. 0.080 Cr.) to Rs. 1.805 Cr. (CAPEX: Rs. 1.725; OPEX: Rs.0.080 Cr. due to the tender excess.
- ❖ 25% of the excess due to tender variation shall be borne by the ULB and 75% by the State.

Action Taken:

- Revised AS was issued vide G.O.(Rt)No.1910/2023/LSGD dated 26-09-2023.
- Work has been awarded on 30.09.2023.

Agenda Item No.6.13: PATHANAMTHITTA MUNICIPALITY- REVISED AS FOR THE PROJECT- AMRUT - 2.0- CITY WATER ACTION PLAN - STRENGTHENING OF WATER SUPPLY SCHEME- LAYING RAW WATER & CLEAR WATER PUMPING MAIN, CONSTRUCTION OF 10 MLD WTP, SUPPLY AND INSTALLATION OF PUMP SETS, TRANSFORMER

6TH SHPSC Decision:

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

Action Taken:

- Revised AS was issued vide G.O.(Rt)No.1894/2023/LSGD dated 25-09-2023.
- TS is to be issued by the KWA.

Agenda Item No.6.14: ERATTUPETTA MUNICIPALITY- ADDITIONAL FUND ALLOCATION AND ADMINISTRATIVE SANCTION FOR INVESTIGATION WORKS.

6TH SHPSC Decision:

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

Action Taken:

- **Administrative sanction for the topographic survey and soil investigation works was issued vide G.O.(Rt)No.1901/2023/LSGD dated 26-09-2023.**
- **In the 10th SLTC Meeting, the SE, KWA reported that the DPR will be ready by mid-December. Survey works are under progress.**

Agenda Item No.6.15: 24X7 WATER SUPPLY WITH DRINK FROM TAP FACILITY- RECONSTITUTION OF STATE-LEVEL TASK FORCE& CITY LEVEL TASK FORCE.

6TH SHPSC Decision:

- ❖ The Committee accorded sanction to the reconstitution of the State Level Task Force on 24X7 water supply systems with the inclusion of the Deputy Chief Engineer (PIU-2) as below.
 - 1) Technical Member, Kerala Water Authority- Chairman
 - 2) Deputy Mission Director, AMRUT Mission- Member
 - 3) Chief Engineer, Projects & Operations, Kerala Water Authority- Member
 - 4) Chief Engineer Irrigation and Administration - Member
 - 5) Head of the Department (Civil Engineering), CET, Trivandrum - Member
 - 6) Additional Director (General) Industrial Department - Member
 - 7) Chief Engineer, Local Self Government Department. - Member
 - 8) Chief Engineer, Ground Water Department- Member
 - 9) **Deputy Chief Engineer, PIU-2: Kerala Water Authority- Member**
 - 10) GIS Expert/Hydraulic Expert, Centre for Water Resources and Management (CWRDM), Kozhikode- Member
 - 11) Executive Engineer, O/o Chief Engineer, Projects Kerala Water Authority- Member Secretary and Coordinator
 - 12) Representative from NGO included in the list of Jal Jeevan Mission project Implementation Supporting Agencies of Kerala- Member

- ❖ The Committee accorded sanction to the reconstitution of the City Level Task Force on 24X7 water supply systems with the inclusion of the Executive Engineer, KWA district office, and a GIS expert as below.

- 1) Superintending Engineer, District Office, Kerala Water Authority -Chairman
- 2) Corporation/Municipal Engineer -Member
- 3) **Executive Engineer, District Office, Kerala Water Authority- Member**
- 4) Executive Engineer, Irrigation and Administration -Member
- 5) Head of the Department (Civil Engineering), from Local Member Engineering Colleges in the ULBs-Member
- 6) Electrical/Mechanical Engineer- KSEB, PWD -Member
- 7) General Manager, District Industries Centre- Member
- 8) Town Planner, District Town Planning Office- Member
- 9) Assistant Executive Engineer, District Office, Kerala Water Authority-Member Secretary, and Coordinator
- 10) A representative from an NGO working in the district.
- 11) **GIS/ SCADA Expert – Member**

Action Taken:

- **Government Order was issued vide G.O.(Rt)No.1891/2023/LSGD dated 25-09-2023.**

Agenda Item No.6.16: STATUS OF PROJECT DEVELOPMENT AND MANAGEMENT CONSULTANTS (PDMC) & RECONSTITUTION OF CONSULTANT EVALUATION COMMITTEE

6TH SHPSC Decision:

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

Mission Director, AMRUT	Chairman
Technical member, KWA	Member
Chief Engineer, LSGD	Member
Director, Suchitwa Mission	Member
Director, CMD	Member

Deputy Mission Director-1& 2, AMRUT	Member
Chief Engineer Projects KWA	Member
Dr. N.C Narayanan, IIT Mumbai	Member

Action Taken: <ul style="list-style-type: none"> ➤ Government Order was issued vide G.O.(Rt)No.1770/2023/LSGD dated 5-09-2023.
Agenda Item No.6.17: <u>MANDATORY REFORMS-SUBMISSION OF DETAILS ON THE AMRUT 2.0 PORTAL</u>
6TH SHPSC Decision: <ul style="list-style-type: none"> ❖ The Committee accorded sanction for uploading the Government orders on property tax, User charges, and Supporting documents on the AMRUT 2.0 Portal.
Action Taken: <ul style="list-style-type: none"> ➤ The Government Orders on user charges & property tax and city wise details were uploaded on the AMRUT 2.0 Portal.
Agenda Item No.6.18: <u>APPROVAL TO HIRE ADDITIONAL SPACE FOR SMMU, AMRUT</u>
6TH SHPSC Decision: <ul style="list-style-type: none"> ❖ The Committee accorded sanction to the following; <ul style="list-style-type: none"> ● Permission to hire an additional 202 sqm for State Mission Management Unit (SMMU) at the rate of Rs. 376.60 per sqm in the same building where SMMU is working and also for an increment of 10% for every two years. ● To arrange requisite modification works for the office space including wall finishing, floor finishing, false ceiling, cabin partition, A/C, electrification, plumbing & sanitation, conference table, etc. costing Rs.31,46,944/- (Rupees Thirty-One Lakh Forty-Six Thousand Nine Hundred and Forty-Four only), based on DSR 2018. ● For carrying out the works through the accredited agency, Kerala State Nirmithy Kendra as per the prevailing norms. ● The construction work for the modification of the rented building should be carried out in a modular and portable manner, so that it can be easily relocated if the building is vacated. ● The Committee also authorized the Mission Director, AMRUT for signing the rental agreement of the building.
Action Taken: <ul style="list-style-type: none"> ➤ Government order was issued vide G.O.(Rt)No.1905/2023/LSGD dated 26.9.2023. The rental agreement was signed. The modification works are in good progress.

Agenda Item No.6.19: <u>SANCTION TO PROVIDE TRAVEL ALLOWANCES FOR THE CITY MISSION MANAGEMENT UNIT STAFF</u>	
6TH SHPSC Decision:	
❖ The Committee accorded sanction for providing conveyance allowances for CMMU staff up to Rs.7000/- per month, subject to the submission of the fortnightly progress report and compliance with the prevailing Govt. norms.	
Action Taken:	
➤ GO was issued vide G.O.(Rt)No.1769/2023/LSGD dated 05-09-2023.	
Agenda Item No.6.20: <u>APPROVAL TO ENGAGE GIS/SCADA EXPERTS ON CALL FOR 24X7 WATER SUPPLY SYSTEM& SEWERAGE PROJECTS;</u>	
6TH SHPSC Decision:	
❖ The Committee accorded permission to the Mission Director AMRUT to engage one GIS expert and one SCADA expert with more than 10 years of experience in GIS/SCADA at Rs. 4,000/day- subject to a maximum of Rs. 40,000/ month on call.	
Action Taken:	
➤ GO was issued vide G.O.(Rt)No.1896/2023/LSGD dated 25.9.2023.	
Agenda Item No.6.21: <u>PROPOSAL FOR ENHANCEMENT OF REMUNERATION OF SUPPORTING STAFF OF SMMU FOR AMRUT 2.0</u>	
6TH SHPSC Decision:	
❖ The committee observed that the remuneration of contract and daily wage workers are regulated by a government order GO(P) No. 29/2021/Fin dated 11.02.2021 that is currently in effect.	
❖ The Committee decided that the remuneration of the supporting staff of SMMU shall be fixed as per the prevailing order.	
Action Taken:	
➤ The status quo will continue.	
Agenda Item No.6.22: <u>PROJECT MANAGEMENT SOFTWARE FOR AMRUT PROJECT MONITORING</u>	
6TH SHPSC Decision:	
❖ The committee accorded sanction to develop the Project Monitoring system for AMRUT and also to entrust the same with TRAVANSOFT SOLUTION at the cost agreed by the Kerala Startup Mission (KSTM).	
Action Taken: New proposal will be presented as an Additional agenda in this Committee.	

Agenda Item No.7.3: 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) for an amount of Rs.1938.52 Cr. (CAPEX - Rs.1842.658 Cr. & OPEX - Rs.95.86 Cr.). The 6th Apex committee held on 04.01.2023 approved the 2nd Tranche of the State Water Action Plan for an amount of Rs.683.082 Cr. (CAPEX – Rs.632.658 Cr. & OPEX – Rs.50.424 Cr., inclusive of Special Tranche for Water Body Rejuvenation).

SWAP-3 Proposals for 8 Sewerage projects worth Rs.344.45 Cr. (Capex: Rs.313.41 Cr. & OPEX: Rs.31.04 Cr.), 111 project proposals for an amount of Rs.52.635 Cr (Capex Rs. 50.429Cr. And O & M 2.206 Cr). under Rejuvenation of Water Bodies and 69 project proposals for Parks and Green spaces for an amount of Rs.38.495 Cr. (Capex Rs.34.37Cr and O & M Rs. 4.125 Cr.) have been included in the agenda for approval.

7.3.1. PROJECT PROGRESS AS ON 11.12.2023 (Tranches 1&2)

Sector	Total Projects	AS Issued	Sub Projects	TS Issued	NIT issued	Awarded	Started
Water Supply by KWA	180	177	271	238	236	191	136
Sewerage & Septage	26	25	50	49	47	39	30
Micro Water Supply/ WS by ULB	29	13	13	0	0	0	0
Waterbody Rejuvenation	255	229	229	126	115	66	20
Total	490	444	563	413	398	296	186

- ***DPRs for Micro WSS pending - 14 Nos.worth Rs.41.82 Cr. (Sreekandapuram-3, Wadakkancherry-3, Neeleswaram-6, Kanhangad-1, Panur-1)***

Trainings & Exposure visits

KWA officials were given trainings for 24X7 WS design and project preparation with the support of Odisha Urban Academy, Odisha. Elected Representatives and ULB officials also participated in Exposure Visits to various sites related to FSTPs, STPs 24X7 Water Supply systems, Waste Management, City Beautification and Heritage conservations.

Additionally, SMMU AMRUT is organizing an advanced training on the DPR preparation of Septage and Sewerage projects for the Engineers of ULB and KWA with the support of WASH Institute, New Delhi.

IEC Activities

1. **‘Jalam Jeevitham’ – a Campus-to-Campus Campaign on Sanitation and Conservation of Water Resources was conducted among school children** with the support of the National Service Scheme (NSS) unit of the Education Department. The IEC campaign covers 372 selected schools (4 schools from each ULB) in the 93 Urban Local Bodies including Lower Primary, Upper Primary, High School and Higher Secondary Schools the IEC activities among school children. The campaign aims to cover more than 1 lakh students through NSS volunteers.
2. **Jal Diwali- A ‘Jan Andolan’ IEC campaign** organized with the support of National Urban Livelihood Mission, Kudumbasree to disseminate awareness among SHG members on the functioning of Water Treatment Plants and handholding training on Water quality monitoring tests.

Pey Jal Survekshan

The Pey Jal Survekshan under AMRUT 2.0 was launched by Minister of Housing and Urban Affairs on 09th September, 2022 to assess the service level compliance of the city with respect to quality, quantity, and coverage of water supply, sewerage and septage management, extent of reuse & recycle of used water and conservation of water bodies in 9 AMRUT 1.0 cities.

The Survey will serve as a monitoring tool and an accelerator for the AMRUT Mission while also fostering healthy competition among cities. Ministry has engaged a third-party agency, IPSOS to conduct the Survekshan.

PJS will capture the extent of household water tap & sewer connection, quality & quantity of water supplied to citizens, provision of complaint redressal and health of water bodies among other parameters. It will also provide insights on financial sustainability of ULBs in terms of revenue generation versus the expenditure incurred on water & sewerage services. With the inclusion of Citizen Perception Survey, citizen driven accountability system will be established.

Scores will be assigned to the cities and city-water report cards, reflecting each city's water health, will be published. The outcome of the Survekshan will reflect the status of water security in the ULBs.

All the 9 AMRUT 1.0 cities have submitted details of the service level parameters on on-line Portal.

10th SLTC Decision:

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

Decision to be taken:

- Committee may kindly take note of the progress of AMRUT 2.0.
- Committee may kindly take a suitable decision on the Micro Water supply schemes, which are pending for a longer time.

**Agenda Item No.7.4: APPROVAL OF STATE WATER ACTION PLAN-
TRANCHE III-SWAP-3 PROPOSALS – SEWERAGE
& SEPTAGE SECTOR:**

Under AMRUT-2.0, Rs.902.17 Cr. is allocated for the Sewerage & Septage Sector of 9 AMRUT Cities. Projects worth Rs.489.63 Cr, were approved under SWAP-1 & 2 (SWAP-1: Rs.104.63 Cr. and SWAP-2: Rs.385.00 Cr.). Eight proposals (CWAP-3), worth Rs.313.41 Cr. (Capex), received from Alappuzha Municipality, Kochi Corporation, Thrissur Corporation, and Kozhikode Corporation are placed in this SHPSC for approval. Abstract details of these proposals are as shown below.

SWAP-3 Proposals:

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

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

SEWERAGE SECTOR - SWAP-3 PROPOSALS

Sl. No.	ULB	Name of Work	Implementing Agency	Amount as per CWAP			Land Available (Yes / No)	Council Approval (Yes / No)	Evaluation of KWA HQ	Total HH Benefitted (No.)	Cost per HH Benefitted (₹)	
				Capex (₹ Cr.)	O&M (₹ Cr.)	Total Cost (₹ Cr.)						
1	Alappuzha	Sewerage scheme in Alappuzha Municipality with STP (Phase-1)	KWA	64.85	3.15	68.00	Yes	Yes	Feasible	13148	49323	
2	Kochi	Construction of 1 MLD Faecal Sludge Treatment Plant for Kochi Municipal Corporation at Brahmapuram	ULB	30.50	0.50	31.00	Yes	Yes		673511	453	
3	Kochi	Construction of Sewage treatment plant of capacity 105 KLD for RAY Flat, Fort Kochi	ULB	1.13	0.45	1.58	Yes	Yes		199	56985	
4	Thrissur	Sewerage Scheme for Thrissur Corporation Poomkunnam - Kottapuram area	KWA	44.86	3.82	48.68	Yes	Yes	Feasible	25460	17620	
5	Kozhikode	Construction of 6 MLD STP at Zone-A Package-B	ULB	31.00	0.39	31.39	Yes	Yes		7132	115241	
6	Kozhikode	50 Km Associated Network at Zone-A for 6 MLD STP	ULB	51.19	11.14	62.33	Yes	Yes				
7	Kozhikode	Construction of 7 MLD STP at Zone-A Package-A	ULB	39.00	0.45	39.45	Yes	Yes		4908	183130	
8	Kozhikode	48 Km Associated Network at Zone-A for 7 MLD STP	ULB	50.88	11.14	62.02	Yes	Yes				
				313.41	31.04	344.45						

SWAP Inclusive of Proposals Placed in This SHPSC:

Sl. No.	ULB	Implementing Agency	Fund Allocation (₹ Cr.)	Floating Fund (₹ Cr.)	Approved in TRANCHE-1		Approved in TRANCHE-2		TRANCHE-3 (7th SHPSC)		TOTAL SWAP (Including 7th SHPSC)			
					Estimated CAPEX Cost (₹ Cr.)	Number of Projects (No.)	Estimated CAPEX Cost (₹ Cr.)	Number of Projects (No.)	Estimated CAPEX Cost (₹ Cr.)	Number of Projects (No.)	Estimated CAPEX Cost (₹ Cr.)	Number of Projects (No.)	Balance Amount (₹ Cr.)	
1	Thiruvananthapuram	KWA	111.39		104.63	23						104.63	23	6.76
2	Kollam	KWA	57.17				40.00	1				40.00	1	17.17
3	Kochi	KWA	189.86	21.15			185.00	1	31.63	2		216.63	3	-5.62
4	Kozhikode	KWA & ULB	163.54	139.03			160.00	1	172.07	4		332.07	5	-29.50
5	Alappuzha	KWA	67.95						64.85	1		64.85	1	3.10
6	Kannur	KWA	124.93									0.00		124.93
7	Palakkad	ULB	46.59									0.00	0	46.59
8	Thrissur	KWA	103.19						44.86	1		44.86	1	58.33
9	Guruvayoor	KWA & ULB	25.15									0.00		25.15
			889.77	160.18	104.63	23	385.00	3	313.41	8		803.04	34	246.91

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

The above shown SWAP-3 proposals along with the proposal of Palakkad Municipality (Capex - Rs.0.40 Cr.) were placed in the 10th SLTC of AMRUT-2.0 held on 27 & 30.09.2023 and the committee decided as follows:

SLTC Decision:

The Committee recommended the following to the SHPSC:

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

Decision to be Taken:

The Committee may approve the following:

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

**Agenda Item No. 7.5: APPROVAL OF STATE WATER ACTION PLAN-
TRANCHE III- SWAP-3 PROPOSALS -
REJUVENATION OF WATER BODIES AND
DEVELOPING GREEN SPACES AND PARKS
PROJECTS.**

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

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

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

SWAP-3 proposal for Rejuvenation of Water Bodies-

111 projects worth Rs. 52.635(Capex Rs.50.429 Cr. , O & M Rs. 2.206 Cr) under Rejuvenation of Water Bodies have been by submitted on CWAP portal by **35** ULBs under Tranche 3. The total Central Assistance comes to Rs. 19.827 Cr. The State share and ULB shares are Rs. 18.035 Cr and Rs.14.773 Cr respectively.

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS							
Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
1	ALAPPUZ HA	KAYAMKULAM (M)	Amrut 2.0 Rejuvenation of Edayodikkavu Ambalakkulam Ward 19 of Kayamkulam Municipality	0.201	0.020	0.221	Cleaning and deepening the existing pond by removing slit deposit and to provide side wall protection, fencing and side interlocking to rejuvenate the water body
2	ALAPPUZ HA	KAYAMKULAM (M)	Amrut 2.0 Rejuvenation of Irattakkulam Ward 35 of Kayamkulam Municipality	0.095	0.009	0.104	Cleaning & deepening the existing pond by removing slit deposit, maintenance of side wall protection , fencing and side interlocking to protect the clean water body

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
3	ALAPPUZ HA	KAYAMKULAM (M)	Amrut 2.0 Rejuvenation of Othanakulam Ward 1 of Kayamkulam Municipality	0.038	0.003	0.041	Existing pond to be rejuvenated by cleaning and deepening and to protect the water body by fencing and side interlocking.
4	ALAPPUZ HA	KAYAMKULAM (M)	Amrut 2.0 Rejuvenation of Punnakkulam Pond Ward 32 of Kayamkulam Municipality	0.310	0.003	0.313	Project include deepening the existing pond by removing slit deposit and provide side wall protection and to protect the clean water body, Fencing and side interlocking
5	ALAPPUZ HA	MAVELIKKARA (M)	AMRUT 2.0 REJUVENATION OF THERUVILKULAM MAVELIKKARA MUNICIPALITY	0.700	0.020	0.72	Silt removal, deepening , side wall protection , fencing etc to rejevenate the water body and collection of maximum rain water
6	ERNAKULAM	KOCHI	Rejuvenation of vennalapara in Division-42 of Kochi Municipal Corporation.	3.000	0.050	3.05	cleaning of quarry, side wall protection and providing fencing around the quarry to prevent the dumping of waste.
7	KANNUR	MATTANNUR (M)	Kallur Temple Pond	0.530	0.010	0.54	Rejuvenation of Kallur Temple Pond includes desilting, hyacinth removal, side protection, entire cleaning, and revamping of the pond. This pond is used for agricultural purposes and bathing for the surrounding areas.
8	KANNUR	TALIPARAMBA (M)	Rejuvenation of pond at Puzhakulangara	0.040	0.000	0.04	Renovation and deepening of existing pond and improve the Quality and Quantity of water.
9	KOLLAM	KOTTARAKKARA	KOTTARAKARA MUNICIPALITY - WATER BODY REJUVENATION - AVANOOR POND	0.100	0.005	0.105	This project includes de silting , side wall strengthening, fencing etc. On completion of the project, the nearby public will be facilitated for domestic usage.

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
10	KOLLAM	KOTTARAKKARA	KOTTARAKARA MUNICIPALITY- WATER BODY REJUVENATION - KULASEKHARANA LLOOR TEMPLE POND	0.100	0.005	0.105	This project includes de silting , side wall strengthening, fencing etc. On completion of the project, the nearby public will be facilitated for domestic usage.
11	KOTTAYAM	KOTTAYAM (M)	2023-2024- Construction of side protection wall for Karyambadam pond in ward no 51	0.394	0.010	0.4036	In this estimate constructing side wall,steps to the pond,Retaining wall are included.
12	KOTTAYAM	KOTTAYAM (M)	2023-2024-Side protection for Kumaranalloor Kshethram Temple pond in ward no 51	0.219	0.010	0.2288	In this estimate constructing side wall,steps to the pond,Retaining wall are included.
13	KOTTAYAM	KOTTAYAM (M)	RENOVATION OF THRIKKAYIL KSHETHRA KULAM IN WARD 30	0.215	0.030	0.2448	The project is for renovation to thrikkayil kshetra kulam in ward 30 and includes bailing out water, removal of slush, side protection work and hand rails around the pond,
14	KOTTAYAM	KOTTAYAM (M)	-side protection for Thrikkayyil Mallooserry Sreekrishna Temple pond in ward no 11	0.170	0.010	0.18	In this estimate constructing side wall,steps to the pond,Retaining wall to the road are included.
15	KOZIKODE	KODUVALLY	AMRUT 2.0 POONOR RIVER REJUVENATION AND CONSTRUCTION OF GREEN SPACE IN KODUVALLY MUNICIPALITY	0.575	0.050	0.6252	construction of green space in the river embankment (South Koduvally Palathumannil Side) in Koduvally Municipality.

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
16	KOZIKODE	KOZHIKODE	Creating a new pond in Lion's park Kozhikode beach and beautification of its premises	5.250	0.030	5.28	Street Furniture Electrification And Lighting Ducting And Cabling Plumbing Ang Irrigation Water Management System Green, Toilet and Security Renewable Energy
17	KOZIKODE	PAYYOLI	Rejuvenation of Chovva vayal pond in Payyoli Municipality	0.440	0.040	0.48	Silt removal, Side protection work size 35m x 35m
18	KOZIKODE	FEROKE	Rejuvenation of Kanjirathil Paikutty Kulam	0.130	0.015	0.145	1.Cleaning and Waste removal. 2. DR side wall Construction. 3.Silt Removal 4.Increasing depth of pond. 5. Construction of steps.
19	KOZIKODE	PAYYOLI	Rejuvenation of Kottukulam pond in Payyoli Municipality	0.275	0.025	0.3	Silt removal, Side protection work pond Size (30m x 35m)
20	MALAPPU RAM	TANUR	AMRUT 2.0 - WATER BODY REJUVENATION AT CHUDALAKULAM NAVEEKARANAM DIV 12 AT TANUR MUNICIPALITY	0.228	0.002	0.23	Silt removal, protection works etc.
21	MALAPPU RAM	TANUR	AMRUT 2.0 WATER BODY REJUVENATION /IRATTAKULAM POND REJUVENATION AT DIV 03 IN TANUR MUNICIPALITY	0.246	0.025	0.271	BOUNDARY PROTECTION AND CLEANING TO BE DONE.

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
22	MALAPPU RAM	KONDOTTY	Cheruppadi Pothukulam Rennovation	0.120	0.020	0.14	n - Silt Removal, side protection, sign board, beautification work, hand rail, water cleaning other rennovation work
23	MALAPPU RAM	TIRUR (M)	Improvements to Kollikulam Pond in Ward 13 Tirur Municipality	0.320	0.030	0.35	The Project includes providing DR masonry side walls, Cement concrete side wall at one portion, fencing and providing handrails, landscaping between the pond and road. T
24	MALAPPU RAM	KONDOTTY	Koonayil Kulam Renovation	0.010	0.002	0.012	Silt Removal, side protection, sign board, beautification work, hand rail, water cleaning other rennovation work to this pond
25	MALAPPU RAM	KONDOTTY	Kottassery Kulam Rennovation	0.060	0.010	0.07	Silt Removal, side protection, sign board, beautification work, hand rail, water cleaning other rennovation work to this pond
26	MALAPPU RAM	KONDOTTY	Kottukkara Aryambil Chola Rennovation	0.140	0.020	0.16	Kottukkara Aryambil Chola Rennovation - Sit removal, side protection, sign board, hand rail, water cleaning, other beautification and maintainance work
27	MALAPPU RAM	KONDOTTY	Kundamchola Kulam Renovation	0.018	0.002	0.02	Side protection wall, silt removal, water cleaning, sign board, hand rail, beautification work, other facilities, other rennovation works to kundamchola pond
28	MALAPPU RAM	KONDOTTY	KUNNATH CHOLA POND RENNOVATION AND IMPROVEMENT OF KUNNATH CHOLA TOURISM PROJECT AT KONDOTTY MUNICIPALITY	0.700	0.050	0.75	Works include Silt Removal, side protection, water cleaning, signboard, handrail, beautification work, Garden, walkway, seating, lighting, and provision of other renovation work.

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
29	MALAPPU RAM	KONDOTTY	Madathil Thodu Kulam Rennovation	0.088	0.010	0.098	Madathil Thodu Kulam Renovation Project includes - Silt Removal, side protection, beautification work, handrail, water cleaning other renovation work to this pond
30	MALAPPU RAM	KONDOTTY	Neerad Kulam Renovation	0.060	0.010	0.07	Neerad Kulam Rennovation - Silt Removal, side protection, sign board, beautification work, hand rail, water cleaning other rennovation work to this pond
31	MALAPPU RAM	KONDOTTY	Onil Kulam Rennovation	0.060	0.010	0.07	Onil Kulam Rennovation - Silt Removal, side protection, sign board, beautification work, hand rail, water cleaning other rennovation work to this pond
32	MALAPPU RAM	KONDOTTY	Palliyali Kulam Rennovation	0.029	0.010	0.0385	Palliyali kulam Rennovation - Silt Removal, side protection, sign board, beautification work, hand rail, water cleaning other rennovation work to this pond
33	MALAPPU RAM	KONDOTTY	Pullithodi Kulam Rennovation	0.060	0.010	0.07	Pullithodi Kulam Renovation Project Includes-Pumping or Bailing out water, Silt Removal, side protection, beautification work, handrail, water cleaning other renovation work to this pond.
34	MALAPPU RAM	VALANCHERY	REJUVENATION OF CHOORATTUKULAM	0.100	0.030	0.13	Rejuvenation of Choorattukulam by desilting works, deepening works and construction of side protection wall and beautification works for pond surrounding works.
35	MALAPPU RAM	VALANCHERY	REJUVENATION OF KARIMKULAM	0.030	0.020	0.05	Rejuvenation of Karimkulam in division 13 by desilting works, deepening works and construction of side protection wall and beautification works for pond surrounding works.

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
36	MALAPPU RAM	VALANCHERY	REJUVENATION OF KOTTARAM VALIYAKULAM	0.540	0.060	0.6	Rejuvenation of Kottaram Valiyakulam 13 by desilting works, deepening works and construction of side protection wall and beautification works for pond surrounding works.
37	MALAPPU RAM	PONNANI (M)	Rejuvenation of Nila Bridge Pond	1.000	0.100	1.1	Project aims to improve and protect the Nila Bridge pond situated in Ponnani Municipality. The Pond is in bad condition and with collapsed boundary wall right now. The Project aims to rejuvenate the pond by providing side protection, gate way, boundary wall, entrance gate etc. Also a park and green space is proposed.
38	MALAPPU RAM	VALANCHERY	Rejuvenation of Perinkayi Kulam	0.066	0.034	0.1	Rejuvenation of Thaikkatt Kulam by desilting works, deepening works and construction of side protection wall and beautification works for pond surrounding works.
39	MALAPPU RAM	VALANCHERY	Thaikkatt Kulam Rejuvenation	0.160	0.040	0.2	Rejuvenation of Thaikkatt Kulam by desilting works, deepening works and construction of side protection wall and beautification works for pond surrounding works.
40	PALAKKAD	SHORANUR (M)	KANJIRAKKUZHIK KULAM WARD 29	0.325	0.005	0.33	REJUVENATION OF KANJIRAKKUZHIK KULAM WARD 29 BY SIDE PROTECTION WALLS AND CLEANING THE POND WITH DESILTING AND CLEANING SURROUNDING AREA ETC
41	PALAKKAD	CHITTUR-THATHAMANGALAM (M)	Rejuvenation of Bhagavathy kulam at Chittur	1.000	0.100	1.1	1 - Cleaning Algae and vegetation (a) Bailing out water (b) Removing water hyacinth and other vegetation and floating bodies from the water way (c) Hydraulic excavator (2) Side protection

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
42	PALAKKAD	SHORANUR (M)	REJUVENATION OF KOODATHI KULAM WARD 28	0.221	0.003	0.2233	REJUVENATION OF KOODATHI KULAM IN WARD 28 BY SIDE PROTECTION WALLS AND CLEANING THE POND WITH DESILTING AND CLEANING SURROUNDING AREA ETC
43	PALAKKAD	SHORANUR (M)	REJUVENATION OF NARASIMHA MOORTHY KSHETHRAKULAM WARD 10	1.360	0.010	1.37	REJUVENATION OF NARASIMHA MOORTHY KSHETHRAKULAM WARD 10 BY SIDE PROTECTION WALLS AND CLEANING THE POND WITH DESILTING AND CLEANING SURROUNDING AREA ETC
44	PALAKKAD	SHORANUR (M)	REJUVENATION OF PALATT KULAM WARD 26	0.198	0.003	0.2	REJUVENATION OF PALATT KULAM WARD 26 BY SIDE PROTECTION WALLS AND CLEANING THE POND WITH DESILTING AND CLEANING SURROUNDING AREA ETC
45	PALAKKAD	SHORANUR (M)	REJUVENATION OF THAVIT KULAM WARD 27	0.198	0.003	0.2	REJUVENATION OF THAVIT KULAM WARD 27 BY SIDE PROTECTION WALLS AND CLEANING THE POND WITH DESILTING AND CLEANING SURROUNDING AREA ETC
46	PALAKKAD	OTTAPPALAM (M)	RENOVATION OF PERUMKULAM IN OTTAPALAM MUNICIPALITY	0.700	0.070	0.77	Bailing out of water, silt removal, deepening, side protection, pond ghat separate for men and women, gardening etc are the works planned to renovate pond and utilise the water resource for local people
47	PALAKKAD	OTTAPPALAM (M)	RENOVATION OF VALIYAKULAM IN OTTAPALAM MUNICIPALITY	0.800	0.080	0.88	Bailing out of water, silt removal, deepening, side protection, pond ghat separate for men and women, gardening etc are the works planned to renovate pond and utilise the water resource for local people
48	THRISSUR	THRISSUR	AMRUT 2.0 - Rejuvenation of Puthanvettukayal (Div 44)	0.850	0.010	0.86	Rejuvenation of a water body named Puthanvettukayalkulam located in division 44 of Thrissur corporation, for improving the

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
							present condition of that waterbody
49	THRISSUR	THRISSUR	AMRUT 2.0 - Thrissur Corporation - Waterbody Rejuvenation - Paduthalakulam Div 34	0.400	0.004	0.404	Rejuvenation of waterbody named Paduthalakulam in Div 34 of Thrissur Corporation to improve the present condition of the water body
50	THRISSUR	THRISSUR	AMRUT 2.0 - Water Body Rejuvenation at Anakulam (Phase 2) in Division 15	1.800	0.100	1.9	Phase 2 Rejuvenation of water body named Aanakulam located in Division 15 of Thrissur, for improving the present condition of the waterbody
51	THRISSUR	CHALAKUDY (M)	AMRUT 2.0 - Water Body Rejuvenation of Chathankulam in Chalakudy Municipality	0.300	0.003	0.303	Pond named Chathankulam loacted in Chalakudy Municipality to be rejuvenated under AMRUT 2.0 by de silting,weed clearance,side protection,etc for improving the present condition of the waterbody
52	THRISSUR	CHALAKUDY (M)	AMRUT 2.0 - Water Body Rejuvenation of Kadambottukulam in Chalakudy Municipality	0.350	0.004	0.3535	Pond named Kadambottukulam located in Chalakudy Municipality to be rejuvenated under AMRUT 2.0 by de silting,weed clearance,side protection,etc for improving the present condition of the waterbody
53	THRISSUR	CHALAKUDY (M)	AMRUT 2.0 - Water Body Rejuvenation of Kalanchira in Chalakudy Municipality	0.100	0.001	0.101	Pond named Kalanchira loacted in Chalakudy Municipality to be rejuvenated under AMRUT 2.0 by de silting,weed clearance,side protection,etc for improving the present condition of the waterbody

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
54	THRISSUR	CHALAKUDY (M)	AMRUT 2.0 - Water body rejuvenation of Kumaran chira in Chalakudy	0.050	0.005	0.055	Pond named Kumaranchira located in Chalakudy Municipality to be rejuvenated under AMRUT 2.0 by de silting,weed clearance,side protection,etc for improving the present condition of the waterbody
55	THRISSUR	CHALAKUDY (M)	AMRUT 2.0 - Water Body Rejuvenation of Periyachira in Chalakudy Municipality	0.250	0.003	0.253	Pond named Periyachira located in Chalakudy Municipality to be rejuvenated under AMRUT 2.0 by de silting,weed clearance,side protection,etc for improving the present condition of the waterbody
56	THRISSUR	CHALAKUDY (M)	AMRUT 2.0 - Water Body Rejuvenation of Vettissery Kulam in Chalakudy Municipality	0.060	0.006	0.066	Pond named Vettissery Kulam located in Chalakudy Municipality to be rejuvenated under AMRUT 2.0 by de silting,weed clearance,side protection,etc for improving the present condition of the waterbody
57	THRISSUR	THRISSUR	AMRUT 2.0 - Waterbody Rejuvenation - Adithyakulam (Div 41)	0.400	0.005	0.405	Rejuvenation of water body named Adithyakulam located in Division 41 of Thrissur, for improving the present condition of the waterbody.
58	THRISSUR	THRISSUR	AMRUT 2.0 - Waterbody Rejuvenation - Bhoothakulam (Div 23)	0.100	0.003	0.1025	Rejuvenation of water body named Bhuthakulam located in division 23 of Thrissur Corporation, for improving the present condition of the waterbody
59	THRISSUR	THRISSUR	AMRUT 2.0 - Waterbody Rejuvenation - Herbert Nagar Kulam (Kadamkulam) [Div 43]	0.420	0.004	0.424	Rejuvenation of waterbody named Herbert Nagar Kulam (Kadamkulam), located in Division 43 of Thrissur Corporation for improvement of the present condition of the waterbody

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
60	THRISSUR	THRISSUR	AMRUT 2.0 - Waterbody Rejuvenation - Jordan Valley Kulam (Div 45)	0.050	0.003	0.053	Rejuvenation of Water body named Jordan Valley Kulam located in division 45 of Thrissur Corporation for improving the present condition of the water body
61	THRISSUR	THRISSUR	AMRUT 2.0 - Waterbody Rejuvenation - Mullanpaarakulam (Div 22)	0.322	0.003	0.3252	Rejuvenation of water body named Mullanpaarakulam located in Division 22 of Thrissur Corporation, for improving the present status of the water body
62	THRISSUR	THRISSUR	AMRUT 2.0 - Waterbody Rejuvenation - Panamkuttichirakulam (Div 29)	1.000	0.010	1.01	Rejuvenation of waterbody named Panamkuttichira kulam located in Ward 29 of Thrissur Corporation, for improving the present condition of the waterbody
63	THRISSUR	THRISSUR	AMRUT 2.0 - Waterbody Rejuvenation - Pottakulam (Division 14)	0.390	0.010	0.4	Rejuvenation of the water body named Pottakulam located in division 14 of Thrissur Corporation, for improving the present condition of the water body
64	THRISSUR	CHALAKUDY (M)	AMRUT 2.0 - Waterbody Rejuvenation of Koranchira Pond in Chalakudy	0.280	0.003	0.283	Pond named Koranchira located in Chalakudy Municipality to be rejuvenated under AMRUT 2.0 by de silting, weed clearance, side protection, etc for improving the present condition of the waterbody
65	THRISSUR	THRISSUR	AMRUT 2.0 - Thrissur Corporation - Waterbody Rejuvenation - Alunkulam - div 34	0.400	0.005	0.405	The pond in corporation has to be renovated with Side Protection, De silting, Weed removal, Filtration of inlet water etc
66	THRISSUR	IRINJALAKUDA (M)	AMRUT 2.0 Rejuvenation of Kollamkulam ward:7	0.245	0.005	0.25	Silt removal, Protection works
67	THRISSUR	IRINJALAKUDA (M)	AMRUT 2.0 Rejuvenation of	0.345	0.005	0.35	Silt removal, Protection works

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
			Saradhakulam ward:15				
68	THRISSUR	KUNNAMKULAM (M)	Rejuvenation of Cheeramkulam (Panjayathkulam) in Kunnankulam Municipality	0.300	0.050	0.35	Silt removal, Orotection works
69	THRISSUR	GURUVAYOR (M)	Rejuvenation of Chembram Thodu	0.300	0.020	0.32	Rejuvenation of chembram thodu by desilting, deepening and side wall protection using DR/ RR packing. Also construction of Vented Cross Bars to avoid intrusion of salt water in to the fresh water from Chakkamkandam back water
70	THRISSUR	KUNNAMKULAM (M)	Rejuvenation of Cheruvathurkulam in Kunnankulam Municipality	0.200	0.050	0.25	Rejuvenation of Cheruvathurkulam in Kunnankulam Municipality by Desilting, Deepening and providing side protection thus increase the volume and quality of water
71	THRISSUR	GURUVAYOR (M)	Rejuvenation of Cholayil Pond	0.200	0.010	0.21	Rejuvenation of Cholayil pond situated in ward 41 by desilting, deepening, side protection by DR/ RR Masonry, beautification by providing footpath, hand rail , fencing and electrification
72	THRISSUR	GURUVAYOR (M)	Rejuvenation of Cholayil Sooryan Pond	0.250	0.010	0.26	Rejuvenation of Cholayil Sooryan pond situated in ward 41 by desilting, deepening, side protection by DR/ RR Masonry, beautification by providing footpath, hand rail , fencing and electrification
73	THRISSUR	KUNNAMKULAM (M)	Rejuvenation of Kaattilekulam in Kunnankulam Municipality	0.150	0.010	0.16	Rejuvenation of Kaattilekulam in Kunnankulam Municipality by Desilting, Deepening and providing side protection thus increase the volume and quality of water

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
74	THRISSUR	GURUVAYOR (M)	Rejuvenation of Kajah Pond - Ward 28	0.470	0.030	0.5	Rejuvenation of Kajah pond situated in ward 28 by desilting, deepening, side protection by DR/RR Masonry, beautification by providing footpath, hand rail, fencing and electrification
75	THRISSUR	KUNNAMKULAM (M)	Rejuvenation of Kalayamkulam in Kunnamkulam Municipality	0.150	0.050	0.2	Rejuvenation of Kalayamkulam in Kunnamkulam Municipality by Desilting, Deepening and providing side protection thus increase the volume and quality of water
76	THRISSUR	KUNNAMKULAM (M)	Rejuvenation of Meembikulam in Kunnamkulam Municipality	0.080	0.020	0.1	Rejuvenation of Meembikulam in Kunnamkulam Municipality by Desilting, Deepening and providing side protection thus increase the volume and quality of water
77	THRISSUR	CHAVAKKAD (M)	REJUVENATION OF PULICHIRAKKETTU POND-PHASE II	0.580	0.000	0.58	CONSTRUCTION OF FOOTPATH, CONSTRUCTION OF COMPOUND WALL, BEAUTIFICATION WORK FOR POND SURROUNDING, ELECTRIFICATION
78	THRISSUR	KUNNAMKULAM (M)	Rejuvenation of Thazhethazham Kulam in Kunnamkulam Municipality	0.200	0.020	0.22	Rejuvenation of Thazhethazham kulam in Kunnamkulam Municipality by Desilting, Deepening and providing side protection thus increase the volume and quality of water
79	TVM	VARKALA (M)	AMRUT 2 - Perumkulam pond renovation at ward no.22 of Varkala Municipality	0.450	0.030	0.48	AMRUT 2 -Perumkulam pond renovation at ward no.22 of Varkala Municipality, Improving the water quality and volume of the pond reservoir by silt removal. Beautification chequered cement tile pavement.
80	TVM	THIRUVANANTHAPURAM	Construction Of Cherukarakonam Kulam Work In Pattom Ward	0.913	0.030	0.9429	Construction Of Cherukarakonam Kulam Work In Pattom Ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
							the pond from future pollution to an extent.
81	TVM	THIRUVANA NTHAPURAM	Maintenance of Kulavarambil Kulam in Muttada Ward	0.270	0.020	0.29	This estimate is prepared for the maintenance of Kulavarambil Pond. Estimate includes Pond cleaning, side DR & RR construction, Yard interlocking, concreting bylanes to the Pond, Eurocone laying in Pond yard, electrification, painting works etc.
82	TVM	THIRUVANA NTHAPURAM	Maintenance of Kuzhikattupond at Chandhavila Ward	0.249	0.007	0.2565	Maintenance of Kuzhikattupond at Chandhavila Ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
83	TVM	THIRUVANA NTHAPURAM	Maintenance of Thamarabhagom Pond in Medical College Ward	0.400	0.020	0.42	This estimate is prepared for the maintenance of Thamarabhagom Pond. Estimate includes surface dressing the ground, bailing out water from the Pond, removal of waste materials, debris etc from the Pond, RCC & PCC works, Construction of walkway and fixing of hand rails around the Pond, placing chequered precast cement concrete tiles in walkway, painting works etc.
84	TVM	THIRUVANA NTHAPURAM	Rejuvenation of Aarivilantikonam Kulam in Estate Ward	0.913	0.027	0.94	Rejuvenation of Aarivilantikonam Kulam in Estate Ward , The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
85	TVM	THIRUVANA NTHAPURAM	Rejuvenation of Ellavumoottukulam in Kodunganoor Ward.	0.600	0.018	0.618	Rejuvenation of Ellavumoottukulam in Kodunganoor Ward., The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
86	TVM	THIRUVANA NTHAPURAM	Rejuvenation of Irunkunnam kulam in Nettayam ward.	0.585	0.018	0.6025	Rejuvenation of Irunkunnam kulam in Nettayam ward. The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
87	TVM	THIRUVANA NTHAPURAM	Rejuvenation of Kallaramadom Kulam in Thirumala Ward	0.970	0.030	1	Kallaramadom Kulam in Thirumala Ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
88	TVM	THIRUVANA NTHAPURAM	Rejuvenation of Kavukonamchira in Attipra ward	0.780	0.020	0.8	Rejuvenation of Kavukonamchira in Attipra ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
89	TVM	THIRUVANA NTHAPURAM	Rejuvenation of Konathukulam in Melamkode Ward	0.467	0.014	0.481	Rejuvenation of Konathukulam in Melamkode Ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
90	TVM	THIRUVANA NTHAPURAM	Rejuvenation of Avuthankode Pond in Vattiyoorkavu ward	0.470	0.015	0.485	Rejuvenation of Avuthankode Pond in Vattiyoorkavu ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
91	TVM	THIRUVANA NTHAPURAM	Rejuvenation of Chathiyod pond in Kinavoor ward	0.580	0.020	0.6	Rejuvenation of Chathiyod pond in Kinavoor ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent. The beautification arrangements along with lighting will improve overall appearance and attracts public
92	TVM	THIRUVANA NTHAPURAM	Rejuvenation of Kuttichakonam pond in Pathirappally ward	0.650	0.020	0.67	Rejuvenation of Kuttichakonam pond in Pathirappally ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent. The beautification arrangements along with lighting will improve overall appearance and attracts public
93	TVM	NEDUMANGAD (M)	Rejuvenation of Maginikonam Pond	0.096	0.003	0.0984	Rejuvenation of Maginikonam Pond in pullipara ward of Nedumangad Municipality. Work includes DR masanory work, pond cleaning ,fencing electrification works etc.
94	TVM	THIRUVANA NTHAPURAM	Rejuvenation of Malapparikonam pond in Powdikonam ward	0.495	0.015	0.5099	Rejuvenation of Malapparikonam pond in Powdikonam ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
							the pond from future pollution to an extent.
95	TVM	THIRUVANA NTHAPURAM	Rejuvenation of Nadukolchira Kulam in Mannanthala Ward	0.650	0.030	0.68	Rejuvenation of Nadukolchira Kulam in Mannanthala Ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
96	TVM	THIRUVANA NTHAPURAM	Rejuvenation of Pengattukonamkulam in Vazhottukonam ward	0.650	0.020	0.6695	Rejuvenation of Pengattukonamkulam in Vazhottukonam ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
97	TVM	NEDUMANGAD (M)	Rejuvenation of Pengottukonam pond	0.165	0.005	0.1701	The project envisages rejuvenation of Pengottukonam pond in vanda ward of Nedumangad Municipality. Work includes desilting, fencing, Electrical lights DR side wall works for conservation of waterbody.
98	TVM	NEDUMANGAD (M)	Rejuvenation of Punnavelilkonam pond	0.140	0.004	0.1443	The project envisages rejuvenation and waterbody quality improvement of Punnavelilkonam pond in perumala ward of Nedumangad Municipality. Work includes desilting, bailingout fencing, mudcleaning of waterbody

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
99	TVM	THIRUVANA NTHAPURAM	Rejuvenation of Vettamukku Kattachal kulam in Pangode ward	0.700	0.020	0.72	Rejuvenation of Vettamukku Kattachal kulam in Pangode ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
100	TVM	THIRUVANA NTHAPURAM	Rejuvenation to Kottukkonam Kulam in Punnaykkamugal Ward	0.820	0.025	0.845	Rejuvenation to Kottukkonam Kulam in Punnaykkamugal Ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
101	TVM	THIRUVANA NTHAPURAM	Renovation of Nambidikonam Kulam in Kattayikonam Ward	0.700	0.035	0.735	Estimate includes surface dressing the ground, bailing out water from the Pond, removal of waste materials, debris etc from the Pond, DR & RR works, RCC & PCC works including retaining wall construction, fixing of hand rails around the Pond, placing cement concrete interlocking paver block in walkway, painting works etc.
102	TVM	THIRUVANA NTHAPURAM	Renovation of Perumkarikkinchira Pond in Kazhakkuttam ward	0.265	0.010	0.275	The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
103	TVM	THIRUVANA NTHAPURAM	Renovation of Valiyakulam Pond in Karikkakam Ward	0.490	0.030	0.52	Estimate includes surface dressing the ground, bailing out water from the Pond, removal of waste materials, debris etc from the Pond, RCC & PCC works including side wall construction, fixing of hand rails around the Pond, placing chequered precast cement concrete tiles in walkway,

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
							electrification, painting works, installation of CCTV camera etc.
104	TVM	THIRUVANA NTHAPURAM	Renovation of Kannottukonam Kulam in Ulloor Ward	0.042	0.001	0.0429	Renovation of Kannottukonam Kulam in Ulloor Ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
105	TVM	THIRUVANA NTHAPURAM	Renovation of Keezhetikavu (Puthukulam) pond at Cheuvaikal ward	0.531	0.014	0.5448	Renovation of Keezhetikavu (Puthukulam) pond at Cheuvaikal ward, The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
106	TVM	THIRUVANA NTHAPURAM	Renovation Of Madathil Kulam In Sreekariyam Ward	1.000	0.030	1.03	Through this project, protect the pond from future pollution to an extent. The beautification arrangements along with lighting will improve overall appearance and attracts public
107	TVM	THIRUVANA NTHAPURAM	Renovation of Omanakulam at Akkulam ward	0.535	0.014	0.549	The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.

TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

Sl no	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
108	TVM	THIRUVANA NTHAPURAM	Renovation of Paraykkottukona m Kulam in Edavakkode Ward	0.245	0.006	0.2508	The project will help to improve the water quality which has been polluted since a long period of time. Through this project, protect the pond from future pollution to an extent.
109	TVM	THIRUVANA NTHAPURAM	Renovation of Valiyakulam Pond in Thaliyal in Kalady Ward	0.950	0.050	1	Estimate includes surface dressing the ground, bailing out water from the Pond, removal of waste materials, debris etc from the Pond, RCC & PCC works, fixing of hand rails around the Pond, placing chequered precast cement concrete tiles in walkway, electrification, painting works etc.
110	TVM	NEYATTINKARA (M)	Thoppumkulam Rejuvenation in Kavalakulam Ward in Neyyattinkara Municipality	0.400	0.012	0.412	The items included in the work are removal of rubbish material from the pond, bailing out water from the pond, removing mud in pond, DR masonry and RR masonry sidewall for the pond, Height rising of the existing sidewall of the pond providing handrail for safety purposes electrical works etc.
111	TVM	THIRUVANA NTHAPURAM	Renovation Of Rajarajeswary Pond In Kottapuram Ward	0.650	0.020	0.67	Cleaning & deepening the existing pond by removing slit deposit, maintenance of side wall protection , fencing and side interlocking to protect the clean water body
			TOTAL	50.429	2.206	52.6	

SWAP-3 proposal for for Park & Green Spaces-

69 projects worth Rs. 38.495 Cr (Capex Rs.34.37Cr and O& M 4.125 Cr) under Parks have been submitted on CWAP portal by 58 ULBs. The total Central Assistance comes to Rs. 15.478 Cr. The State share and ULB shares are Rs. 13.055 Cr and Rs.9.93 Cr respectively.

TRANCHE 3 -PARKS & GREEN SPACE						
Sl.No	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost	Major Components as per DPR
1	ALAPPUZHA (M) CAPEX (CR.)=0.2 O&M (CR.)=0.06 TOTAL COST (CR.)=0.26	AMRUT 2.0 - Parks & Green Space Development - Alappuzha Municipality- Development of Park near Alissery Temple pond in Alissery ward	0.2	0.06	0.26	Civil works, Divyang friendly features, Horticulture
2	ALAPPUZHA (M) CAPEX (CR.)=1 O&M (CR.)=0.25 TOTAL COST (CR.)=1.25	AMRUT 2.0 - Parks & Green Space Development - Alappuzha Municipality- Development of Park near Thanakulam in Kalarcode Ward	1	0.25	1.25	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
3	ALUVA (M) CAPEX (CR.)=0.3 O&M (CR.)=0.05 TOTAL COST (CR.)=0.35	Rejuvenation of Nehru Municipal Park, Aluva	0.3	0.05	0.35	Nehru Municipal Park, Aluva is a children's park located at Palace Road, Nehru Park Avenue. The park is located in a prime location and is easily accessible from the main city. This park is situated at a higher level near River Periyar. Area of the park is 1.23 Acres. This project includes protection wall, painting of compound wall and kerb wall, electrical works , respite centre for old age, plumbing works for toilet, fencing, installation of name board and black topping for roads inside children's traffic park. This park is one of its kind in Aluva Municipality and large number of people depend this park for leisure and recreational activities. Rejuvenation of this park will attract more people to this park and will offer significant advantages to the mental, physical and emotional wellbeing of the surrounding community.
4	ANGAMALY (M) CAPEX (CR.)=0.5 O&M (CR.)=0.05 TOTAL COST (CR.)=0.55	AMRUT 2.0- Rejuvenation of Municipal Park in ward 9 of Angamaly Municipality	0.5	0.05	0.55	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
5	ATTINGAL (M) CAPEX (CR.)=0.38 O&M (CR.)=0.01 TOTAL COST (CR.)=0.39	RENOVATION OF PARK AT TB JUNCTION ATTINGAL	0.38	0.01	0.39	Civil works, Childrens play equipment

TRANCHE 3 -PARKS & GREEN SPACE

Sl.No	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost	Major Components as per DPR
6	CHANGANASSERY (M) CAPEX (CR.)=0.5 O&M (CR.)=0.05 TOTAL COST (CR.)=0.55	AMRUT 2.0 Poovakkattuchira Municipal Park at Changanassery Municipality	0.5	0.05	0.55	Civil works, Childrens play equipment, Open gym, Divyang friendly features
7	CHENGANNUR (M) CAPEX (CR.)=0.27 O&M (CR.)=0.03 TOTAL COST (CR.)=0.3	Municipal Park at Edanad (ward 8) of Chengannur municipality	0.27	0.03	0.3	Civil works, Childrens play equipment, Open gym, Divyang friendly features, Horticulture
8	CHERPULASSERY (M) CAPEX (CR.)=0.5 O&M (CR.)=0.05 TOTAL COST (CR.)=0.55	Development of Papparamb promenade in Division 4 of Cherpulassery Municipality	0.5	0.05	0.55	Civil works, others (Electrical, furniture, statutory, O&M)
9	CHERTHALA (M) CAPEX (CR.)=0.3 O&M (CR.)=0.025 TOTAL COST (CR.)=0.325	AMRUT 2.0-Cherthala Municipality-Beautification of Cherakulam pond- Construction of open park	0.3	0.025	0.325	Civil works, Childrens play equipment, Divyang friendly features, others(Seating Arrangements)
10	CHITTUR-THATHAMANGALAM (M) CAPEX (CR.)=0.4 O&M (CR.)=0.05 TOTAL COST (CR.)=0.45	CHILDRENS PARK AT DEVI NAGAR WARD 27 CHITTUR THATHAMANGALAM MUNICIPALITY	0.4	0.05	0.45	Civil works, Childrens play equipment, Horticulture
11	ELOOR CAPEX (CR.)=0.5 O&M (CR.)=0.05 TOTAL COST (CR.)=0.55	Amrut 2.0-Construction of Park Near Eloor Ferry	0.5	0.05	0.55	Civil works, Childrens play equipment, Open gym

TRANCHE 3 -PARKS & GREEN SPACE						
Sl.No	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost	Major Components as per DPR
12	HARIPAD CAPEX (CR.)=0.25 O&M (CR.)=0.03 TOTAL COST (CR.)=0.28	AMRUT 2.0 HARIPAD MUNICIPALITY PARKS & GREEN SPACE - DEVELOPMENT OF PARK NEAR BALAMURUGA TEMPLE POND	0.25	0.03	0.28	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
13	HARIPAD CAPEX (CR.)=0.3 O&M (CR.)=0.09 TOTAL COST (CR.)=0.39	Amrut 2.0-Haripad Municipality -Parks and Green spaces- Beautification and Development of Park near Arayakulangara Devi Temple Pond	0.3	0.09	0.39	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
14	IRINJALAKUDA (M) CAPEX (CR.)=0.6 O&M (CR.)=0.05 TOTAL COST (CR.)=0.65	Irinjalakuda Municipality Amruth.2.0 Renovation of Mahathma Park in Ward :25	0.6	0.05	0.65	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
15	KALAMASSERY (M) CAPEX (CR.)=0.8 O&M (CR.)=0.05 TOTAL COST (CR.)=0.85	Rejuvenation of Stadium Park Kalamassery	0.8	0.05	0.85	Civil works, Childrens play equipment, Open gym
16	KALPETTA (M) CAPEX (CR.)=0.5 O&M (CR.)=0.05 TOTAL COST (CR.)=0.55	KALPETA MUNICIPALITY ROCK GARDEN PARK CONSTRUCTION	0.5	0.05	0.55	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
17	KANHANGAD CAPEX (CR.)=0.6 O&M (CR.)=0.025 TOTAL COST (CR.)=0.625	Development of Children's Park at Chemmattamvayal in Kanhangad Municipality	0.6	0.025	0.625	Civil works, Childrens play equipment, Open gym
18	KANNUR (M) CAPEX (CR.)=0.4 O&M (CR.)=0.02 TOTAL COST (CR.)=0.42	Construction of Parakkandy Park	0.4	0.02	0.42	Civil works, Childrens play equipment, Open gym

TRANCHE 3 -PARKS & GREEN SPACE

<u>Sl.No</u>	<u>ULB</u>	<u>Name of the work</u>	<u>Capex (Cr.)</u>	<u>O&M (Cr.)</u>	<u>Total Cost</u>	<u>Major Components as per DPR</u>
19	KATTAPPANA CAPEX (CR.)=0.35 O&M (CR.)=0.03 TOTAL COST (CR.)=0.33	AMRUT 2.0-Kattappana Municipality Open Park	0.35	0.03	0.38	Civil works, Childrens play equipment, Open gym, Divyang friendly features, Horticulture
20	KOCHICAPEX (CR.)=0.3 O&M (CR.)=0.05 TOTAL COST (CR.)=0.35	Development of Perumbadappu Park at Division-18	0.3	0.05	0.35	Civil works, Childrens play equipment, Open gym, others(Landscaping)
21	KOCHI CAPEX (CR.)=0.4 O&M (CR.)=0.05 TOTAL COST (CR.)=0.45	Rejuvenation of AA Kochunni Master Park, Panayappilly div-8 of Kochi Municipal Corporation	0.4	0.05	0.45	Civil works, Childrens play equipment, Open gym, others (badminton court, walkway etc)
22	KOCHI CAPEX (CR.)=0.4 O&M (CR.)=0.05 TOTAL COST (CR.)=0.45	Rejuvenation of open area park in R.N.A.S area in division - 29 of Kochi Municipal Corporation	0.4	0.05	0.45	Civil works, Childrens play equipment, others (open stage rejuvenation and landscaping)
23	KOCHI CAPEX (CR.)=0.30 O&M (CR.)=0.05 TOTAL COST (CR.)=0.35	Development Of Kacheripadi Park at Division -19 of Kochi Municipal Corporation.	0.3	0.05	0.35	Civil works, Childrens play equipment, Open gym, others(landscaping)
24	KODUNGALLUR (M) CAPEX (CR.)=0.5 O&M (CR.)=0.02 TOTAL COST (CR.)=0.52	V K RAJAN MUNICIPAL PARK	0.5	0.02	0.52	Civil works
25	KOLLAM CAPEX (CR.)=0.75 O&M (CR.)=0.15 TOTAL COST (CR.)=0.9	DEVELOPMENT OF A NEW PARK NEAR KOLLAM BEACH	0.75	0.15	0.9	Civil works, Childrens play equipment, others (Landscaping)

TRANCHE 3 -PARKS & GREEN SPACE						
Sl.No	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost	Major Components as per DPR
26	KOLLAM CAPEX (CR.)=1.25 O&M (CR.)=0.25 TOTAL COST (CR.)=1.5	DEVELOPMENT OF A NEW PARK AT KUREEPUZHA	1.25	0.25	1.5	Civil works, Childrens play equipment, Divyang friendly features, others (Landscaping)
27	KOTHAMANGALAM (M) CAPEX (CR.)=0.50 O&M (CR.)=0.05 TOTAL COST (CR.)=0.55	Rejuvenation of Municipal Park Kothamagalam	0.5	0.05	0.55	Civil works, Childrens play equipment, others (Landscaping)
28	KOTTAYAM (M) CAPEX (CR.)=0.081 O&M (CR.)=0.005 TOTAL COST (CR.)=0.086	Kottayam Municipality 2023-2024-Beautification of Gandhinagar Road side in ward no 01	0.081	0.005	0.086	Civil works, Childrens play equipment, Horticulture
29	KOTTAYAM (M) CAPEX (CR.)=0.1 O&M (CR.)=0.015 TOTAL COST (CR.)=0.115	AMRUT - Childrens park and beautification works near Anganwadi no. -75 in Ward 21	0.1	0.015	0.115	Civil works, Childrens play equipment, Horticulture, others (electrification and lighting)
30	KOTTAYAM (M) CAPEX (CR.)=0.2 O&M (CR.)=0.03 TOTAL COST (CR.)=0.23	Construction of Park at Borma Kavala road- Ward-41	0.2	0.03	0.23	Civil works, Childrens play equipment
31	KOTTAYAM (M) CAPEX (CR.)=0.209 O&M (CR.)=0.01 TOTAL COST (CR.)=0.219	CONSTRUCTION OF PARK IN CHEMMANAPPADI CHITTETHKADAVU ROAD AT WARD 52 KOTTAYAM MUNICIPALITY	0.209	0.01	0.219	Civil works, Childrens play equipment, Horticulture
32	KOYILANDY MUNICIPALITY CAPEX (CR.)=0.25 O&M (CR.)=0.05 TOTAL COST (CR.)=0.3	Renovation of Anakkulam Childrens park at koyilandy municipality.	0.25	0.05	0.3	Civil works, others (Electrical works)

TRANCHE 3 -PARKS & GREEN SPACE						
Sl.No	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost	Major Components as per DPR
33	KOZHIKODE CAPEX (CR.)=2.25 O&M (CR.)=0.35 TOTAL COST (CR.)=2.6	Renovation of Kozhikode beach Lion's park	2.25	0.35	2.6	Civil works, Childrens play equipment, Divyang friendly features
34	KUNNAMKULAM CAPEX (CR.)=0.25 O&M (CR.)=0.05 TOTAL COST (CR.)=0.3	Kunnamkulam Municipality Childrens Park	0.25	0.05	0.3	Civil works, Childrens play equipment, Horticulture
35	MALAPPURAM (M) CAPEX (CR.)=0.75 O&M (CR.)=0.1 TOTAL COST (CR.)=0.85	AMRUT 2.0 -GREEN PARK DEVELOPMENT AT NECHIKUTTY-MALAPPURAM MUNICIPALITY	0.75	0.1	0.85	Civil works, Horticulture
36	MANANTHAVADI CAPEX (CR.)=0.5 O&M (CR.)=0.05 TOTAL COST (CR.)=0.55	AMRUT 2.0 MANANTHAVADY MUNICIPALITY - CHOOTTAKKADAVU PAZHASSI PARK	0.5	0.05	0.55	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
37	MANJERI (M) CAPEX (CR.)=1 O&M (CR.)=0.1 TOTAL COST (CR.)=1.1	Construction of hill view park at Vettekkode in Manjeri Municipality	1	0.1	1.1	Civil works, Childrens play equipment, Divyang friendly features
38	MANNARKKAD CAPEX (CR.)=0.21 O&M (CR.)=0.05 TOTAL COST (CR.)=0.26	Construction of Open gym and Children's Park at Mannarkkad municipality	0.21	0.05	0.26	Civil works, Childrens play equipment, Open gym, Divyang friendly features, Horticulture
39	MARADU(M) CAPEX (CR.)=0.7 O&M (CR.)=0.05 TOTAL COST (CR.)=0.75	AMRUT-2.0- Construction of Oommen Chandy Park on the sides of Kettezhathukadavu road in div 23 in Maradu municipality	0.7	0.05	0.75	Civil works, Childrens play equipment, Open gym, others(landscaping)

TRANCHE 3 -PARKS & GREEN SPACE						
Sl.No	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost	Major Components as per DPR
40	MATTANNUR (M) CAPEX (CR.)=0.799 O&M (CR.)=0.051 TOTAL COST (CR.)=0.85	Green Space park at Poongottu Kavu	0.799	0.051	0.85	Civil works, Childrens play equipment, Open gym
41	MAVELIKKARA (M) CAPEX (CR.)=0.3 O&M (CR.)=0.025 TOTAL COST (CR.)=0.325	AMRUT 2.0 DEVELOPMENT OF GREEN SPACE & PARK NEAR VELLOORKULAM	0.3	0.025	0.325	Civil works, Childrens play equipment, Horticulture
42	MUKKAM CAPEX (CR.)=0.1 O&M (CR.)=0.01 TOTAL COST (CR.)=0.11	VRINDAVANAM PARK IN MUKKAM MUNICIPALITY DIVISION 14	0.1	0.01	0.11	Civil works
43	MUVATTUPUZH A (M) CAPEX (CR.)=0.5 O&M (CR.)=0.04 TOTAL COST (CR.)=0.54	Dream Land Park Renovation and Beautification	0.5	0.04	0.54	Civil works, Open gym, Horticulture, others (music foundation)
44	NEDUMANGAD (M) CAPEX (CR.)=0.1107 O&M (CR.)=0.0033 TOTAL COST (CR.)=0.114	Construction of Elders Park near Kulavikonam Pond	0.1107	0.0033	0.114	Elders park construction at kulavikonam, Nedumangad Municipality. Work includes landscaping, benches, electrical lightening works, recreation space creation, plantation etc at Mancha ward of Nedumangad Municipality
45	PALAI (M)CAPEX (CR.)=0.2 O&M (CR.)=0.03 TOTAL COST (CR.)=0.23	RENOVATION OF CHILDRENS PARK AT 12TH MILE, PALA	0.2	0.03	0.23	Civil works, Childrens play equipment, Open gym, Horticulture, others(electrification)

TRANCHE 3 -PARKS & GREEN SPACE						
Sl.No	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost	Major Components as per DPR
46	PALAKKAD CAPEX (CR.)=0.3 O&M (CR.)=0.03 TOTAL COST (CR.)=0.33	PRASANTH NAGAR PARK	0.3	0.03	0.33	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
47	PANDALAM CAPEX (CR.)=0.51 O&M (CR.)=0.01 TOTAL COST (CR.)=0.52	Chiramudi Tourisom Project	0.51	0.01	0.52	Civil works, Childrens play equipment, Divyang friendly features, Horticulture, others (Bridge)
48	PANOOR CAPEX (CR.)=0.6 O&M (CR.)=0.025 TOTAL COST (CR.)=0.625	Panoor Municipality Childrens Park at Peringathoor	0.6	0.025	0.625	Civil works, Childrens play equipment, Open gym
49	PARAPPANANA NGADI CAPEX (CR.)=0.75 O&M (CR.)=0.15 TOTAL COST (CR.)=0.9	Keeranallur Newcut Garden Space Development	0.75	0.15	0.9	Civil works, Childrens play equipment, Horticulture
50	PARAVUR (M) CAPEX (CR.)=0.5 O&M (CR.)=0.04 TOTAL COST (CR.)=0.54	Renovation of Dr. Ambedkar Park in North Paravur Municipality	0.5	0.04	0.54	Civil works, Childrens play equipment, Open gym, Divyang friendly features, Horticulture, others (Reconditioning of science park equipments.)
51	PATTAMBI CAPEX (CR.)=0.25 O&M (CR.)=0.25 TOTAL COST (CR.)=0.5	Modification Of Pattambi Municipal Town Park	0.25	0.25	0.5	Civil works, Childrens play equipment, Open gym, others (Walk way)
52	PAYYANNUR (M) CAPEX (CR.)=0.18 O&M (CR.)=0.009 TOTAL COST (CR.)=0.189	Development of Childrens Park at Payyanur Municipality	0.18	0.009	0.189	Civil works, Childrens play equipment, Open gym

TRANCHE 3 -PARKS & GREEN SPACE						
Sl.No	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost	Major Components as per DPR
53	PERINTHALMANNA (M) CAPEX (CR.)=0.5 O&M (CR.)=0.05 TOTAL COST (CR.)=0.55	PACHATHURUTH GREEN PARK PERINTHALMANNA MUNICIPALITY	0.5	0.05	0.55	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
54	PERUMBAVOOR (M) CAPEX (CR.)=0.5 O&M (CR.)=0.05 TOTAL COST (CR.)=0.55	Rejuvenation of Iringol Kavu park of Perumbavoor Municipality	0.5	0.05	0.55	Civil works, Childrens play equipment, others (rectification of sculpture and heritage structures, landscaping)
55	PIRAVOM CAPEX (CR.)=0.3 O&M (CR.)=0.05 TOTAL COST (CR.)=0.35	Renovation Works to Pazhoor Attutheeram Park , Piravom Municipality.	0.3	0.05	0.35	Civil works, Open gym, Divyang friendly features, Horticulture, others (Water scooter, Rope way)
56	PONNANI CAPEX (CR.)=1 O&M (CR.)=0.1 TOTAL COST (CR.)=1.1	Development of Park and Greenspace at Biyyam Kayal	1	0.1	1.1	Civil works, Childrens play equipment, Open gym, Horticulture
57	RAMANATTUKARA CAPEX (CR.)=0.1 O&M (CR.)=0.01 TOTAL COST (CR.)=0.11	Park at New office entrance land along Chethupalam thodu	0.1	0.01	0.11	Civil works, Horticulture
58	SHORANUR (M)CAPEX (CR.)=0.5 O&M (CR.)=0.005 TOTAL COST (CR.)=0.505	CONSTRUCTION OF CHILDREN PARK NEAR BHARATHAPUZHA	0.5	0.005	0.505	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
59	SULTAN BATHERY CAPEX (CR.)=0.5 O&M (CR.)=0.05 TOTAL COST (CR.)=0.55	HAPPINESS PARK SULTHAN BATHERY MUNICIPALITY	0.5	0.05	0.55	Civil works, Childrens play equipment, Divyang friendly features, Horticulture

TRANCHE 3 -PARKS & GREEN SPACE						
Sl.No	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost	Major Components as per DPR
60	TANUR CAPEX (CR.)=0.21 O&M (CR.)=0.04 TOTAL COST (CR.)=0.25	MUKKATHODE	0.21	0.04	0.25	Civil works, Childrens play equipment, Open gym, Divyang friendly features, Horticulture
61	THODUPUZH (M) CAPEX (CR.)=0.75 O&M (CR.)=0.01 TOTAL COST (CR.)=0.76	Construction of M. Jinadevan Park,Nadakulam of Thodupuzha Municipality	0.75	0.01	0.76	Civil works, Childrens play equipment, Open gym, others(landscaping)
62	THRIKKAKARA(M) CAPEX (CR.)=0.75 O&M (CR.)=0.05 TOTAL COST (CR.)=0.8	Renovation of Thrikkakara Municipal Park	0.75	0.05	0.8	Civil works, Childrens play equipment, Open gym, others (Landscaping)
63	THRIPPUNITHU RA (M) CAPEX (CR.)=0.75 O&M (CR.)=0.04 TOTAL COST (CR.)=0.79	Amrut 2.0 Renovation of Thannerchal Park, Tripunithura	0.75	0.04	0.79	Civil works, Childrens play equipment, Open gym, others(landscaping)
64	THRISSUR CAPEX (CR.)=1.1 O&M (CR.)=0.1 TOTAL COST (CR.)=1.2	AMRUT 2.0 - Construction of Elanjikkulam Park (Div 18)	1.1	0.1	1.2	Civil works, Childrens play equipment, Open gym
65	THRISSUR CAPEX (CR.)=1 O&M (CR.)=0.1 TOTAL COST (CR.)=1.1	AMRUT 2.0 - Construction of Pananjakam Pond Park (Div 16)	1	0.1	1.1	Civil works children's Play equipments, Open Gym
66	VADAKARA (M) CAPEX (CR.)=0.16 O&M (CR.)=0.01 TOTAL COST (CR.)=0.17	Cultural and Heritage park Near Old Bus stand	0.16	0.01	0.17	Civil works, others (greenery and flowering plants)

TRANCHE 3 -PARKS & GREEN SPACE						
Sl.No	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost	Major Components as per DPR
67	VAIKOM (M) CAPEX (CR.)=0.3503 O&M (CR.)=0.0367 TOTAL COST (CR.)=0.387	AMRUT 2.0- VAIKOM MUNICIPALITY-PARK AND GREEN SPACES- CONSTRUCTION OF PARK ON THE NORTH SIDE OF K V CANAL	0.3503	0.0367	0.387	Civil works, Childrens play equipment, Open gym
68	VALANCHERRY CAPEX (CR.)=0.5 O&M (CR.)=0.15 TOTAL COST (CR.)=0.65	ECO PARK Valanchery Municipality at Vattappara	0.5	0.15	0.65	Civil works, Childrens play equipment, Open gym, Divyang friendly features, Horticulture
69	WADAKKANCH ERI CAPEX (CR.)=0.75 O&M (CR.)=0.05 TOTAL COST (CR.)=0.8	Community Park at Minalur	0.75	0.05	0.8	Civil works, Childrens play equipment, Divyang friendly features, Horticulture, others (Fenced Football Field)
		TOTAL	34.37	4.125	38.5	

SLTC Decision:

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

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

Decision taken:

- The Committee may approve the Tranche 3 of State Water Action Plan for submitting before the APEX committee for approval;
- 111 project proposals for Rejuvenation of Water Body submitted by 35 ULBs for an amount of Rs.52.635 Cr (Capex Rs. 50.429Cr. And O & M Rs. 2.206 Cr).

- 69 project proposals for Parks and Green spaces submitted by 58 ULBs for an amount of Rs.38.495 Cr. (Capex Rs.34.37Cr and O & M Rs. 4.125 Cr.) to the SHPSC for submitting before the APEX committee for approval.

Agenda Item No.7.6: ADMINISTRATIVE SANCTION FOR 5 WATER SUPPLY PROJECTS APPROVED UNDER 1st and 2nd TRANCHES OF SWAP

As of now, the administrative sanction for 177 WS projects CAPEX) was accorded. Now 4 ULBs (Thiruvalla, Trippunithura, Thrissur & Kattappana) have submitted 5 WS projects amounting to Rs.8.1192 Cr. (CAPEX – Rs. 7.4492 Cr. & OPEX – Rs.0.67 Cr.) from the remaining approved fund in SWAP 1&2;

Major Components proposed:

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

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

Sl No.	ULB (Approved SWAP details)	Name of the Project	Amount as Per DPR			Major Components as per DPR	Land availability	Cost per HH Benefitted (₹)	Increase in LPCD	Evaluation of KWA HQ
			Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)					
1	THIRUVALLA (M) SWAP 1 Capex (Cr.) - O&M (Cr.) - Total Cost -	AMRUT 2.0 - PROVIDING ADDITIONAL PUMP AT THIRUVALLA PUMP HOUSE FOR PUMPING ADDITIONAL WATER TO KOMBADI TANK AND PROVIDING CHLORINATORS	0.2092	0.005	0.2142	1) Existing Connections served-11696 2) HH benefitted-11696 3) pump at Thiruvalla pumphouse 4) Chlorinator to the sump	YES	178.86	NO	Feasible

Sl No.	ULB (Approved SWAP details)	Name of the Project	Amount as Per DPR			Major Components as per DPR	Land availability	Cost per HH Benefitted (₹)	Increase in LPCD	Evaluation of KWA HQ
			Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)					
2	Trippunithura SWAP 1 Capex (Cr.) - O&M (Cr.) - Total Cost -	AMRUT 2.0 - WSS TO TRIPUNITHURA MUNICIPALITY	0.20	0.01	0.21	1) FHTC -0 2) Existing Connections served-200 3) HH benefitted-200 4) Distribution Network-1.7 KM 5) Road restoration	YES	10000.00	31 LPCD	Feasible
3	THRISSUR SWAP 1 Replacement project-8	AMRUT 2.0- Pullekkunnu to Kadavaram Pumping main- AMRUT-2.0- Thrissur Corporation-Water Supply Scheme- - Providing 200mm DI and 250mm DI pumping main from Pullekkunnu to Kadavaram - Work-II-Pipeline Work-	5.0	0.5	5.5	1) Existing Connections served-3000 2) HH benefitted-3000 3) Supplying 250mm DI pumping Main- - 4.5 KM 4) 200 MM DI pumping main- 2 KM 5) Construction of Anchor blocks, 6) Construction of Valve chamber, 7) PWD Road restoration-1.29 Cr.	YES	16666.67	30LPCD	Feasible
4	THRISSUR SWAP 1 Replacement project-7	AMRUT 2.0- Providing Additional Infrastructure for Laying 800 mm dia DI K9 Pipeline	1.0	0.0	1.0	1) River crossing bridge for pipe. 2) Existing connection served in 18,000	YES	555.56	River crossing bridge for ongoing pipe works.	ULB
5	KATTAPANNA SWAP 2 Capex (Cr.) - O&M (Cr.) - Total Cost -	AMRUT 2.0 UWSS to kattappana municipality pipe laying work for kattappana municipality from nariyampara to idukkikavala	1.04	0.15	1.19	1) FHTC- 150 2) Existing Connections served- 150 3) HH benefitted-300 4) Distribution pipeline-2.9 KM 5) valve chamber 6) Road restoration	YES	34666.67	30 LPCD	The proposed project can only be commissioned after the completion of all the components of KIIFB assisted WSS to Ayyappancoil and Kanchiyar Panchayaths in Idukki District. Proposal is feasible subject to commissioning of the above-mentioned scheme.

Sl No.	ULB (Approved SWAP details)	Name of the Project	Amount as Per DPR			Major Components as per DPR	Land availability	Cost per HH Benefitted (₹)	Increase in LPCD	Evaluation of KWA HQ
			Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)					
	TOTAL		7.4492	0.67	8.1192					

SLTC Decision:

- ❖ The committee discussed the proposals in detail and recommended issuing AS to the SHPSC for 5 WS projects amounting to Rs.8.1192 Cr. (CAPEX – Rs. 7.4492 Cr. & OPEX – Rs.0.67 Cr.).

Decision to be taken:

- The committee may accord Administrative Sanction for 5 WS projects amounting to Rs.8.1192 Cr. (CAPEX – Rs. 7.4492 Cr. & OPEX – Rs.0.67 Cr.)
- The TS shall be issued by the concerned only after meeting the following conditions:
 - The necessary clearances from the relevant authorities are obtained.
 - The project includes a 5-year Operation & Maintenance plan and only admissible components as per AMRUT guidelines.
- The Central Assistance for urban development projects should not cover the costs of Operation & Maintenance, Supervision charges, or the Value of land/ structures required for the project development. These costs should be borne by the State/ ULB fund if they are unavoidable.

Agenda Item No.7.7: ADMINISTRATIVE SANCTION FOR MICRO WATER SUPPLY PROJECTS TO BE EXECUTED BY ULB'S OF NILESWARAM (KASARGOD) AND SHREEKANDAPURAM (KANNUR).

Nileswaram Municipality: (PEROLE MWSS)

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

1,40,993.966. The unit cost has been worked out by considering the CAPEX cost alone is “Rs.54,134”/Household.

Major components proposed:

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

Source augmentation:

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

Shreekandapuram Municipality: (NEDIYANGA SWARNADHARA MWSS)

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

Major components proposed:

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

Source augmentation:

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

Sl No.	ULB (Approved SWAP details)	Name of the Project	Amount as Per DPR			Major Components as per DPR
			Capex (cr.)	O&M (cr.)	Total Cost (cr)	
1	Nileshwaram SWAP1 Capex (Cr.) – 1.0 O&M (Cr.) –0.1 Total Cost – 1.10	AMRUT 2.0-Ward-:12, 13, 15 Perole Drinking Water Project	0.595	0.014	0.6095	1)New intake well and pump house. 2)pumping system. 3)service reservoir. -10,000LIT 4) distribution network- 3.54 KM 5) New connections served is-110HH

Sl No.	ULB (Approved SWAP details)	Name of the Project	Amount as Per DPR			Major Components as per DPR
			Capex (cr.)	O&M (cr.)	Total Cost (cr)	
2	Sreekandapuram SWAP1 Capex (Cr.) – 2.0 O&M (Cr.) – 0.20 Total Cost – 2.20	AMRUT 2.0. Nediyanga Swarnadhara Drinking Water Project	0.919	0.027	0.9467	1)New intake well and pump house. 2)pumping system. 3)service reservoir. -50000LIT 4) Distribution network-7.19 KM 5) New connections served is-375HH
	TOTAL		1.514	0.041	1.555	

SLTC Decision:

The Committee recommended the following to the SHPSC:

- ❖ Issuance of Administrative Sanction for the above detailed 2 Micro water supply projects amounting to 1.555 Cr.(CAPEX-1.514 Cr. OPEX- 0.041 Cr.). The need and necessity for provisioning of safe and potable drinking water supply to the Perole ward Nileswaram is highly justifiable, even as the unit cost is slightly on the higher side but is reasonable as no other judicious sources of drinking water supply exists. Moreover, the proposed drinking water supply project for Nediyanga Swarnadhara scheme of Sreekandapuram is very much justified and in accordance with AMRUT guidelines.

Decision to be taken:

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

Agenda Item No. 7.8: ADMINISTRATIVE SANCTION FOR THE SEWERAGE PROJECT OF KOZHIKODE CORPORATION (SWAP-2):

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

In the 10th SLTC held on 27 & 30.09.2023 the Deputy Chief Engineer, KWA informed as follows: The associate network of Zone B phase – I is 55 km. The network is mainly proposed through the roads passing through Kozhikode Corporation's town area. There are more industrial and commercial establishments and other institutions located in the area than houses. The 3128 connections mentioned in the DER are only the number of houses in the network in Zone B1. Apart from the above houses, the network includes ten major hospitals, 109 hotels, 80 flats, 18 major educational institutions, 15 government offices and a civil station office complex, three bus stands, a railway station, shopping malls etc. in the city. Taking into account the sewage load in the said non-domestic institutions, about 60350 people will benefit from the network which is equivalent to 12070 households. The project also includes a 220 KLD co-treatment unit to treat the septage from the remaining houses in the corporation that are not part of the network; the septage is proposed to be collected in trucks and transported to the plant for treatment. Thus the entire population of the corporation becomes a beneficiary of the project.

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

The 10th SLTC decided as follows:

SLTC Decision:

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

Decision to be taken:

- The Committee may accord AS for the Sarovaram Sewerage Project (Zone-B1) for an amount of Rs.179.29 Cr. (CAPEX: Rs.164.20 Cr. & OPEX: Rs.15.09 Cr.), subject to the condition that the additional amount required shall be borne by the ULB itself.

Agenda Item No.7.9: ADMINISTRATIVE SANCTION OF REJUVENATION OF WATERBODY PROJECTS APPROVED UNDER SWAP-2:

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

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

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

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

SLTC Decision:

The committee reviewed the proposal and recommended the Issuance of Administrative Sanction for the Rejuvenation of Water Body proposal “Rejuvenation of Koyappal Pond” of Panoor Municipality amounting to Rs.0.41Cr. (CAPEX –0.40 Rs. Cr. & OPEX – 0.01Rs. Cr.)

Decision to be taken:

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

Agenda Item No.7.10: CANCELLATION OF WATERBODY REJUVENATION PROJECTS APPROVED UNDER THE 2nd TRANCHE OF SWAP AND REPLACEMENT WITH NEW PROJECTS:

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

Now, 13 ULBs have requested the cancellation of 23 projects worth Rs.10.967Cr (Capex-10.460 Cr, O & M - 0.507) which cannot be implemented due to various reasons. These projects can be replaced with 19 new Waterbody Rejuvenation proposals of 7 ULBs worth Rs. 10.558 Cr. (10.056 Cr, O & M - 0.502 Cr)

DETAILS OF CANCELLATION PROPOSAL OF WATERBODY REJUVENATION PROJECTS

WATERBODY REJUVENATION- PROJECTS TO BE CANCELLED						
Sl No.	ULB	Name of the work	Capex (Cr)	O& M (Cr)	Total	Reason for Cancellation
1	KOLLAM CAPEX (CR.)=5 O&M (CR.)=0.25 TOTAL COST (CR.)=5.25 CA-1.6665	Rejuvenation of Ashtamudi Lake, Near KSRTC bus station, Kollam	5.000	0.25	5.250	The project is added to Nagarasanchaya padhadhi.
2	KOLLAM CAPEX (CR.)=0.04 O&M (CR.)=0.002 TOTAL COST (CR.)=0.042 CA-0.0134	AMRUT 2.0 REJUVENATION OF MUNNANIKULAM – DIVISION – 29 – AYATHIL”	0.040	0.002	0.042	The scope of the project has been changed
3	KARUNAGAPALLY CAPEX (CR.)= 0.15 O&M (CR.)= 0.015 TOTAL COST (CR.)= 0.165 CA-.075	Rejuvenation of padanayarkulangara pond in div 14 of Karunagappally Municipality	0.150	0.015	0.165	The project has been cancelled due to technical reasons.
4	KARUNAGAPALLY CAPEX (CR.)= 0.1 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.11 CA-.05	Rejuvenation of Vattathara pond in div 2 karunagappally Municipality	0.100	0.01	0.110	The project has been cancelled due to technical reasons.
5	KARUNAGAPALLY CAPEX (CR.)= 0.12 O&M (CR.)= 0.012 TOTAL COST (CR.)= 0.132 CA-0.06	Rejuvenation of Nadiyavila pond in div 27 karunagappally Municipality	0.120	0.012	0.132	The project has been cancelled due to technical reasons.
6	ERATTUPETTA CAPEX (CR.)= 0.25 O&M (CR.)= 0.015 TOTAL COST (CR.)= 0.265 CA-0.125	Nadakkal Pond Rejuvenation In Erattupetta Municipality	0.250	0.015	0.265	ULB owned the project.

WATERBODY REJUVENATION- PROJECTS TO BE CANCELLED						
Sl No.	ULB	Name of the work	Capex (Cr)	O& M (Cr)	Total	Reason for Cancellation
7	ELOOR CAPEX (CR.)= 0.05 O&M (CR.)= 0.025 TOTAL COST (CR.)= 0.075 CA-0.025	Rejuvenation of Pattupurakkal Temple pond in ward no: 4 of Eloor Municipality	0.050	0.025	0.075	Pond is not included in the assets of Eloor Municipality.
8	ELOOR CAPEX (CR.)= 0.1 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.11 CA-.05	Rejuvenation and renovation of Naranath Temple pond in ward no: 6 of Eloor Municipality	0.100	0.01	0.110	Pond is not included in the assets of Eloor Municipality.
9	ELOOR CAPEX (CR.)= 0.6 O&M (CR.)= 0.03 TOTAL COST (CR.)= 0.63 CA-0.30	Rejuvenation of Parakkulam in Ward No. 6 of Eloor Municipality	0.600	0.03	0.630	Pond is not included in the assets of Eloor Municipality.
10	KASARAGOD CAPEX (CR.)= 0.25 O&M (CR.)= 0 TOTAL COST (CR.)= 0.25 CA-0.125	Rejuvenation of Ameythodu	0.250	0	0.250	The site is not feasible due to ongoing boundary issues.
11	KASARAGOD CAPEX (CR.)= 0.20 O&M (CR.)= 0 TOTAL COST (CR.)= 0.20 CA-0.10	Rejuvenation of Koppal Thodu	0.200	0	0.200	Due to some technical reasons
12	THALASSERY CAPEX (CR.)= 0.65 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.66 CA 0.325	Rejuvenation of Kottaram Valappu Kulam	0.650	0.01	0.660	The project is already included in the Annual municipal plan.
13	KANHANGAD CAPEX (CR.)= 0.5 O&M (CR.)= 0.02 TOTAL COST (CR.)= 0.52 CA-0.25	Rejuvenation of Thamarakulam	0.500	0.02	0.520	Project is substituted with another project & will be submitted in Tranche 3

WATERBODY REJUVENATION- PROJECTS TO BE CANCELLED						
Sl No.	ULB	Name of the work	Capex (Cr)	O& M (Cr)	Total	Reason for Cancellation
14	PONNANI CAPEX (CR.)= 0.99 O&M (CR.)= 0.01 TOTAL COST (CR.)= 1 CA-0.495	Ponnani Municipality-Manikulam Ward 13-Rejuvenation	0.990	0.01	1.000	The site has been taken up for highway project.
15	NILAMBUR CAPEX (CR.)= 0.15 O&M (CR.)= 0.015 TOTAL COST (CR.)= 0.165 CA0.075	Rejuvenation of Mutheeri pond	0.150	0.015	0.165	Pond is not included in the assets of Municipality.
16	MARADU CAPEX (CR.)= 0.03 O&M (CR.)= 0.003 TOTAL COST (CR.)= 0.033 CA 0.015	Maradu Municipality-Ayinni thodu Rejuvenation	0.030	0.003	0.033	Project has been substituted with 1 PROJECT & will be submitted in Tranche 3
17	PERINTHALMANNA CAPEX (CR.)= 0.1 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.11 CA 0.05	Perinthalmanna municipality-Kollengode nadupadam kulam rejuvenation	0.100	0.01	0.110	Pond is owned by a private individual
18	MANJERI CAPEX (CR.)= 0.5 O&M (CR.)= 0.05 TOTAL COST (CR.)= 0.55 CA 0.25	Improvements works to Chakkumkulam in ward 14 at Manjeri Municipality	0.500	0.05	0.550	The project has been cancelled due to pond not being a public pond
19	IRITTY CAPEX (CR.)= 0.25 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.26 CA 0.125	Kooloth ambalam kulam rennovation	0.250	0.01	0.260	Project is substituted with another project & will be submitted in Tranche 3
20	IRITTY CAPEX (CR.)= 0.3 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.31 CA 0.15	Kannothe karinga kund kulam rennovation	0.300	0.01	0.310	Project is substituted with another project & will be submitted in Tranche 3

WATERBODY REJUVENATION- PROJECTS TO BE CANCELLED						
Sl No.	ULB	Name of the work	Capex (Cr)	O& M (Cr)	Total	Reason for Cancellation
21	TALIPARAMB CAPEX (CR.)= 0.04 O&M (CR.)= 0 TOTAL COST (CR.)= 0.04 CA 0.02	Rejuvenation of Kundamkuzhi mazjids pond	0.040	0	0.040	Consent issue
22	TALIPARAMB CAPEX (CR.)= 0.04 O&M (CR.)= 0 TOTAL COST (CR.)= 0.04 CA 0.02	Rejuvenation of Thaliparamba mazjids Pond	0.040	0	0.040	Consent issue
23	TALIPARAMB CAPEX (CR.)= 0.05 O&M (CR.)= 0 TOTAL COST (CR.)= 0.05 CA 0.025	Rejuvenation of Puthiyedath temple pond.	0.050	0	0.050	Consent issue
			10.460	0.507	10.967	

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

WATERBODY REJUVENATION- REPLACEMENT PROJECTS						
Sl No.	Name of ULB & Approved SWAP details	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components as per DPR
1	ALAPPUZHA(M) CAPEX (CR.)=0.25 O&M (CR.)=0.01 TOTAL COST (Cr)=0.26	Amrut 2.0-Alappuzha municipality-Water Body Rejuvenation- Rejuvenation of Alisserry Temple pond	0.250	0.010	0.260	The deepening of the pond, Side protection works ,Fencing and Pedestrian pathways around the pond
2	ALAPPUZHA(M) CAPEX (CR.)=0.325 O&M (CR.)=0.025 TOTAL COST (CR.)=0.35	AMRUT 2.0 -Alappuzha Municipality-Waterbody Rejuvenation- Rejuvenation of Pathiyamkulangara	0.325	0.025	0.350	The deepening of the pond, side protection works etc .

WATERBODY REJUVENATION- REPLACEMENT PROJECTS

Sl No.	Name of ULB & Approved SWAP details	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components as per DPR
		Temple Pond in Eravukad ward				
3	ALUVA CAPEX (CR.)=0.12078 O&M (CR.)=0.0024 TOTAL COST (CR.)=0.1232	AMRUT 2.0 - 2022-2023-Rejuvenation of Mettukadavu in Aluva Municipality.	0.121	0.002	0.123	Maintenance of DR walls, maintenance of steps, bench for sitting, fixing of handrails and paving of chequered tiles are proposed in this estimate. Provisions for storm water drain crossing.
4	KOCHI CAPEX (CR.)=1 O&M (CR.)=0.005 TOTAL COST (CR.)=1.005	Rejuvenation of wells in various division of Kochi Municipal Corporation	1.000	0.005	1.005	Deepening, side wall protection, Fencing and foot path
5	KOCHI CAPEX (CR.)=3.5 O&M (CR.)=0.1 TOTAL COST (CR.)=3.6	Rejuvenation of Chilavanoor Kayal in Division 54	3.500	0.100	3.600	Deepening, side wall protection, Fencing and foot path
6	KOLLAM CAPEX (CR.)=0.4 O&M (CR.)=0.02 TOTAL COST (CR.)=0.42	REJUVENATION OF MUNNANI KULAM AND DEVELOPMENT OF A PARK ADJACENT TO THE POND	0.400	0.020	0.420	Protection of the periphery of the pond with DR and RR masonry & Developing a park adjacent to the pond
7	KOLLAM CAPEX (CR.)=0.574 O&M (CR.)=0.0287 TOTAL COST (CR.)=0.6027	REJUVENATION OF THAMARAKULAM AT DIV 46 THAMARAKULAM	0.574	0.029	0.603	Protection of the periphery of the pond with RR Masonry, Cleaning of the pond and adjacent area beautification as needed.
8	KOLLAM CAPEX (CR.)=0.76262 O&M (CR.)=0.03813 TOTAL COST (CR.)=0.80075	REJUVENATION OF CHIRAYILKULAM AT DIV 20 MANGAD	0.763	0.038	0.801	"Protection of the periphery of the pond with RR Masonry, Cleaning of the pond and adjacent area beautification as needed"

WATERBODY REJUVENATION- REPLACEMENT PROJECTS

Sl No.	Name of ULB & Approved SWAP details	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components as per DPR
9	KOLLAM CAPEX (CR.)=0.11769 O&M (CR.)=0.0062 TOTAL COST (CR.)=0.12389	REJUVENATION OF VILAYILKULAM AT DIV 03 MEENATHUCHERY	0.118	0.006	0.124	"Protection of the periphery of the pond with RR Masonry, Cleaning of the pond and adjacent area beautification as needed"
10	KOLLAM CAPEX (CR.)=0.02804 O&M (CR.)=0.0014 TOTAL COST (CR.)=0.02944	REJUVENATION OF FATHIMAKULAM AT DIV 22 CHATHINAKULAM	0.028	0.001	0.029	"Protection of the periphery of the pond with RR Masonry, Cleaning of the pond and adjacent area beautification as needed"
11	KOLLAM CAPEX (CR.)=0.97964 O&M (CR.)=0.04898 TOTAL COST (CR.)=1.02862	REJUVENATION OF KACHERIKULAM AT DIV 12 THEVALLY	0.980	0.049	1.029	"Protection of the periphery of the pond with RR Masonry, Cleaning of the pond and adjacent area beautification as needed"
12	KOLLAM CAPEX (CR.)=0.04856 O&M (CR.)=0.00242 TOTAL COST (CR.)=0.05098	REJUVENATION OF EZHUTHIL KULAM AT EZHUTHIL MUKKU IN DIV 02	0.049	0.002	0.051	"Protection of the periphery of the pond with RR Masonry, Cleaning of the pond and adjacent area beautification as needed"
13	KOTHAMANGALAM (M) CAPEX (CR.)=0.3 O&M (CR.)=0.05 TOTAL COST (CR.)=0.35	Rejuvenation of Karinga chira Ward-06 of Kothamagalam Municipality	0.300	0.050	0.350	Includes clearing jungle, desilting, sidewall protection, construction of walkway, and beautification work
14	KOTHAMANGALAM (M) CAPEX (CR.)=0.3 O&M (CR.)=0.05 TOTAL COST (CR.)=0.35	Rejuvenation of Maalakha chira Ward-10 of Kothamagalam Municipality	0.300	0.050	0.350	Includes clearing jungle, desilting, sidewall protection, construction of walkway, and beautification work
15	MANANTHAVADI CAPEX (CR.)=0.11 O&M (CR.)=0.011 TOTAL COST (CR.)=0.121	AMRUT 2.0 WATER BODY REJUVENATION IN KUMARAMALA , MANANTHAVADY MUNICIPALITY-	0.110	0.011	0.121	The deepening of the pond, side protection works etc .

WATERBODY REJUVENATION- REPLACEMENT PROJECTS						
Sl No.	Name of ULB & Approved SWAP details	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components as per DPR
16	MANANTHAVADI CAPEX (CR.)=0.26 O&M (CR.)=0.005 TOTAL COST (CR.)=0.265	AMRUT 2.0 WATER BODY REJUVENATION IN MANANTHAVADY MUNICIPALITY.	0.260	0.005	0.265	The deepening of the pond, side protection works etc .
17	MARADU (M) CAPEX (CR.)=0.25 O&M (CR.)=0.02 TOTAL COST (CR.)=0.27	Rejuvenation of V H S C Mamgayil pond in Maradu Municipality	0.250	0.020	0.270	The deepening of the pond, side protection works etc .
18	PERINTHALMANNA (M) CAPEX (CR.)=0.28 O&M (CR.)=0.028 TOTAL COST (CR.)=0.308	PERINTHALMANNA MUNICIPALITY- PADATHEKULAM	0.280	0.028	0.308	The deepening of the pond, side protection works etc .
19	PERINTHALMANNA (M) CAPEX (CR.)=0.45 O&M (CR.)=0.05 TOTAL COST (CR.)=0.5	PERINTHALMANNA MUNICIPALITY- MANGALAM KULAM	0.45	0.050	0.500	The deepening of the pond, side protection works etc .
		Total	10.0564	0.502	10.558	

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

SLTC Decision:

The committee reviewed the proposals and took the following decisions:

- ❖ The chair opined that it is not a healthy trend to cancel projects that have been approved by the Apex Committee. The projects should be planned with an eye towards the available land, ground conditions, technical soundness, and financial sustainability.

- ❖ The committee decided to recommend the cancellation of 23 projects for Rs.10.97 Cr.(Capex Rs.10.46 , O& M Rs.0.51 Cr) and replacement of 19 projects for Rs. 10.558 Cr. (Capex Rs. 10.056 cr. and O& M Rs. 0.502 Cr) to the SHPSC.

Decision to be taken:

- **The Committee may approve the cancellation of 23 projects for Rs.10.97 Cr.(Capex Rs.10.46 , O& M Rs.0.51 Cr) and replacement of 19 projects for Rs. 10.558 Cr. (Capex Rs. 10.056 cr. and O& M Rs. 0.502 Cr)**

Agenda Item No.7.11: SPECIAL ASSISTANCE TO STATES FOR CAPITAL INVESTMENT 2023-2024-- PART-III - URBAN PLANNING REFORMS:

The Government of India have launched the " Scheme for Special Assistance to States for Capital Investment 2023-24" for providing financial assistance to State Governments in the form of 50-year interest-free loan. One of the sectors under the scheme is - **Part-III -Urban Planning Reforms and an amount of Rs. 15,000Cr** is earmarked for this part.

The State Government has received a letter from the Government of India, with the reference number F.No.44(1) PF-S/2023-24(CAPEX) (Pt) dated 19th June 2023 (**Annexure 4**), requesting a Report/Road map on the status of various reforms in the State that have been implemented or are in progress. The letter also asked for a list of capital projects that the State Government intends to execute with the fund.

Part III, -Urban Reforms, focuses on eight parts for Catalyzing urban planning as the main driver of development to promote affordable housing, comprehensive mobility, and conserve Blue-Green infrastructure, for sustainable urbanization. Augmentation of human resources for strengthening the urban planning ecosystem, Implementation of town planning scheme/ land pooling scheme, Modernization of building byelaws, Promoting affordable housing and In-situ slum rehabilitation, Transit-oriented development for densification and ease of mobility, Transferrable development rights as a planning tool, Strengthening natural ecosystems of urban areas through urban planning, Integrating essential components in Master Plans. Kerala Comes under Group 1 category based on the population as per the 2011 census. The amount will be available to States as per the guidelines as an incentive for capital investment on the recommendations of the Ministry of Housing and Urban Affairs (MoHUA). The incentive amount can be spent on Capital Investment Projects. The guidelines also stipulated that the amount is to be spent within the financial year 2023-2024.

The State has reported the progress of Urban Reforms and the roadmap to the Government of India as per the guidelines in July 2023. The incentive amount requested is Rs.935 Cr. The Ministry of Housing & Urban Affairs has approved the roadmap and proposal and requested the list of projects with at least 20% claim (about 150Cr).

The list of project proposals for Special Assistance of Rs.153.3 Cr. (**Annexure 5**) from ULBs has been sent to MoHUA on **5.12.2023** and waiting for the release of incentive funds.

Decision to be taken:

- **The committee may take note and approve the action taken.**

Healal

Mission Director