

**Minutes of the 7<sup>th</sup> State Level High Powered Steering Committee (SHPSC) of Atal Mission for Rejuvenation and Urban Transformation (AMRUT 2.0) held on 14<sup>th</sup> December 2023 at 04:00 PM by the Chief Secretary, Government of Kerala at his Committee Room.**

The meeting of the 7<sup>th</sup> State Level High Powered Steering Committee (SHPSC) of AMRUT 2.0, chaired by Dr. V. Venu IAS, Chief Secretary, Government of Kerala commenced at 04:00 PM. (*List of participants is attached as **Annexure-1***).

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

**Agenda Item No.7.1: APPROVAL OF MINUTES OF THE 6<sup>th</sup> SHPSC MEETING OF AMRUT 2.0.**

**Decision Taken:**

- *The Committee approved the minutes of the 6<sup>th</sup> SHPSC meeting.*

**Agenda Item No.7.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 6<sup>th</sup> SHPSC MEETING OF AMRUT 2.0**

<i>Agenda Item</i>	<i>Action Taken</i>	<i>Decision Taken</i>
<b>Agenda Item No.6.3: PROGRESS OF AMRUT 2.0</b>	❖ Project progress is included in Agenda -7.3.	<b>Noted</b>
<b>Agenda Item No. 6.4: ADMINISTRATIVE SANCTION FOR 11 WATER SUPPLY PROJECTS APPROVED UNDER 1st AND 2ND TRANCHES OF SWAP</b>	❖ 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.	<b>Noted</b>

<i>Agenda Item</i>	<i>Action Taken</i>	<i>Decision Taken</i>
<b>Agenda Item No.6.5:</b>  <b>ADMINISTRATIVE SANCTION FOR 12 MICRO WATER SUPPLY PROJECTS DIRECTLY EXECUTED BY THE ULB APPROVED UNDER 1st and 2nd TRANCHES OF SWAP</b>	<ul style="list-style-type: none"> <li>❖ 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.</li> <li>❖ TS is to be issued by the TS Committee.</li> </ul>	<p>The Committee expressed concern over the slow progress in the micro water supply projects. The Committee instructed the Mission Director to give more importance to the micro water supply projects and to expedite the technical approval processes at the earliest from the notified TS committee formed.</p>
<b>Agenda Item No. 6.6:</b>  <b>THRISSUR ULB - ADMINISTRATIVE SANCTION FOR THE REPLACEMENT WATER SUPPLY PROJECTS</b>	<ul style="list-style-type: none"> <li>❖ AS was issued vide Government Order G.O.(Rt)No.1899/2023/LSGD dated 26.09.2023 for the 6 replacement projects.</li> <li>❖ TS for 5 WS proposals is to be issued by the KWA and the WET-2 project by the TS Committee.</li> </ul>	Noted
<b>Agenda Item No. 6.7:</b>  <b>ADMINISTRATIVE SANCTION FOR THE SEWERAGE PROJECT OF KOZHIKODE CORPORATION (SWAP-2)</b>	<ul style="list-style-type: none"> <li>❖ The project was presented in the 10th SLTC meeting and the Committee recommended for SHPSC Approval.</li> <li>❖ The proposal is included as a separate agenda in this Committee.</li> </ul>	Noted
<b>Agenda Item No. 6.8:</b>  <b>ADMINISTRATIVE SANCTION OF REJUVENATION OF WATERBODY PROJECTS APPROVED UNDER SWAP-2:</b>	<ul style="list-style-type: none"> <li>❖ AS was issued vide G.O.(Rt)No.1908/ 2023/LSGD dated 26-09-2023 for 133 projects.</li> <li>❖ TS has been issued for 126 projects</li> </ul>	Noted

<i>Agenda Item</i>	<i>Action Taken</i>	<i>Decision Taken</i>
<b>Agenda Item No. 6.9:</b>  <b>REPLACEMENT OF WATER SUPPLY PROJECT IN KOCHI CORPORATION APPROVED UNDER THE 1ST TRANCHE OF SWAP</b>	❖ AS was issued vide G.O.(Rt)No.1904/2023/LSGD dated 26-09-2023.  ❖ TS is to be issued by the KWA	Noted
<b>Agenda Item No. 6.10:</b>  <b>THIRUVANANTHAPURAM CORPORATION - CANCELLATION OF A WATER SUPPLY PROJECT AND ADMINISTRATIVE SANCTION FOR TWO REPLACEMENT PROJECTS</b>	❖ AS was issued vide G.O.(Rt)No.2149/2023/LSGD dated 02-11-2023.  ❖ TS is to be issued by the KWA	Noted
<b>Agenda Item No. 6.11:</b>  <b>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</b>	❖ AS was issued vide G.O.(Rt)No.1895/2023/LSGD dated 25-09-2023.  ❖ Work order has been issued.	Noted
<b>Agenda Item No. 6.12:</b>  <b>IRINJALAKKUDA MUNICIPALITY- REVISED AS FOR THE PROJECT - AMRUT 2.0- PROVIDING HOTLINE FROM MANGADIKKUNNU WTP TO WARDS 23 AND 32 OF IRINJALAKUDA MUNICIPALITY, STRENGTHENING OF OLD AC AND PVC PIPES BY REPLACING THEM WITH NEW PE/PVC PIPES. AND PROVIDING 200 NUMBERS OF FHTCS</b>	❖ Revised AS was issued vide G.O.(Rt)No.1910/2023/LSGD dated 26-09-2023.  ❖ Work has been awarded on 30.09.2023.	Noted

<i>Agenda Item</i>	<i>Action Taken</i>	<i>Decision Taken</i>
<b>Agenda Item No.6.13:</b>  <b>PATHANAMTHITTA MUNICIPALITY- REVISED AS FOR THE PROJECT- AMRUT - 2.0- CITY WATER ACTION PLAN - STRENGTHENING OF WATER SUPPLY SCHEME- LAYING RAW WATER &amp; CLEAR WATER PUMPING MAIN, CONSTRUCTION OF 10 MLD WTP, SUPPLY AND INSTALLATION OF PUMP SETS, TRANSFORMER</b>	❖ Revised AS was issued vide G.O.(Rt)No.1894/2023/LSGD dated 25-09-2023.  ❖ TS is to be issued by the KWA.	Noted
<b>Agenda Item No.6.14:</b>  <b>ERATTUPETTA MUNICIPALITY- ADDITIONAL FUND ALLOCATION AND ADMINISTRATIVE SANCTION FOR INVESTIGATION WORKS,</b>	❖ 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.	Noted
<b>Agenda Item No.6.15:</b>  <b>24X7 WATER SUPPLY WITH DRINK FROM TAP FACILITY- RECONSTITUTION OF STATE-LEVEL TASK FORCE&amp; CITY LEVEL TASK FORCE.</b>	❖ Government Order was issued vide G.O.(Rt)No.1891/2023/ LSGD dated 25-09-2023.	Noted
<b>Agenda Item No.6.16:</b>  <b>STATUS OF PROJECT DEVELOPMENT AND MANAGEMENT CONSULTANTS (PDMC) &amp; RECONSTITUTION OF CONSULTANT EVALUATION COMMITTEE</b>	❖ Government Order was issued vide G.O.(Rt)No.1770/2023/ LSGD dated 5-09-2023	Noted

<i>Agenda Item</i>	<i>Action Taken</i>	<i>Decision Taken</i>
<b>Agenda Item No.6.17:</b>  <b>MANDATORY REFORMS- SUBMISSION OF DETAILS ON THE AMRUT 2.0 PORTAL</b>	❖ The Government Orders on user charges & property tax and city wise details were uploaded on the AMRUT 2.0 Portal.	Noted
<b>Agenda Item No.6.18:</b>  <b>APPROVAL TO HIRE ADDITIONAL SPACE FOR SMMU, AMRUT</b>	❖ 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.	Noted
<b>Agenda Item No.6.19:</b>  <b>SANCTION TO PROVIDE TRAVEL ALLOWANCES FOR THE CITY MISSION MANAGEMENT UNIT STAFF</b>	❖ GO was issued vide G.O.(Rt)No.1769/2023/LSGD dated 05-09-2023.	Noted
<b>Agenda Item No.6.20:</b>  <b>APPROVAL TO ENGAGE GIS/SCADA EXPERTS ON CALL FOR 24X7 WATER SUPPLY SYSTEM&amp; SEWERAGE PROJECTS;</b>	❖ GO was issued vide G.O.(Rt) No.1896/2023/LSGD dated 25.9.2023.	Noted
<b>Agenda Item No.6.21:</b>  <b>PROPOSAL FOR ENHANCEMENT OF REMUNERATION OF SUPPORTING STAFF OF SMMU FOR AMRUT 2.0</b>	❖ The status quo will continue	Noted
<b>Agenda Item No.6.22:</b>  <b>PROJECT MANAGEMENT SOFTWARE FOR AMRUT PROJECT MONITORING</b>	❖ New proposal will be presented in the next Committee.	Noted

### **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 4<sup>th</sup> Apex committee meeting had approved the 1<sup>st</sup> 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 6<sup>th</sup> Apex committee held on 04.01.2023 approved the 2<sup>nd</sup> 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
<b>Total</b>	<b>490</b>	<b>444</b>	<b>563</b>	<b>413</b>	<b>398</b>	<b>296</b>	<b>186</b>

- ***DPRs for Micro WSS pending – 14 Nos. with total costing out lay of 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 09<sup>th</sup> 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.

### **Outcome Based Reform Incentive**

Outcome-based funding includes incentives for certain performance achieved through reforms. The grant of reform incentives can be utilized only for undertaking following projects;

- 1) Property Tax mapping through Drone based survey/ other latest technologies
- 2) Drainage planning & Water conservation measures incl. urban flood prevention.
- 3) Reduction in Non-Revenue Water (introduction of smart elements)
- 4) Mechanized Sewage/ Septage cleaning
- 5) Drinking water outlet in public areas

### Eligibility Criteria:

Category		amount of incentive on milestones achievement			
		More than 85% water supply coverage	60% or more sewerage coverage	Reduction of NRW through use of smart elements /SCADA	Definite reuse of treated used water (20% of total treated water)
Group I	More than 40 lakh	₹20 cr	₹20 cr	₹15 cr	₹15 cr
Group II	10 lakh - 40 lakh (both inclusive)	₹15 cr	₹15 cr	₹10 cr	₹10 cr
Group III	5 lakh – 10 lakh	₹10 cr	₹10 cr	₹5 cr	₹5 cr

Thiruvananthapuram ULB has submitted their claim for incentive for more than 85% water supply coverage and the MoHUA has sanctioned Rs. 10 Cr. under the reform incentive component of AMRUT 2.0.

### **10<sup>th</sup> 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- Sreekandapuram, Wadakkancherry, Neeleswaram, Kanhangad & Panur to prepare and submit the DPRs by 31st October 2023. The Committee warned that the funds will be transferred to other ULBs if they fail to do so.

### **Decision Taken:**

- *The Committee reviewed the status of AMRUT 2.0 .*
- *The Committee noted that the progress of micro water supply projects is lagging behind. The Committee instructed the Mission Director to give more importance to the micro water supply projects and to expedite the technical approval processes by the notified technical sanction*



*committee at the earliest and shall monitor the project progress closely by the AMRUT team and also LSGD. Also, faster decision needs to be adhered by the technical sanction committee formed for the earlier released G.O/AS.*

#### **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-I)	KWA	64.85	3.15	68.00	Yes	Yes	Feasible	13148	49323
2	Kochi	Construction of 1 MLD Faecal Skudge 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 Poomkunnamm - 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:**

- The Committee approved the inclusion of 4 proposals worth Rs.149.26 Cr. (Capex: Rs.141.35 Cr. & Opex: Rs.7.92 Cr.) in the SWAP-3
  - *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.)*
- 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 proposed Sewerage projects of Kozhikode Corporation – 4 nos. – Rs.195.19 Cr. (Capex: Rs.172.07 Cr. & Opex: Rs.23.12 Cr.) were found to have a high cost per household connections by the Committee. The Committee directed KWA to examine the proposals.

**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 6<sup>th</sup> 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

<b>Sl no</b>	<b>District</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost (Cr.)</b>	<b>Major Components</b>
1	ALAPPUZHA	<b>KAYAMKULAM (M)</b>	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	ALAPPUZHA	<b>KAYAMKULAM (M)</b>	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
3	ALAPPUZHA	<b>KAYAMKULAM (M)</b>	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	ALAPPUZHA	<b>KAYAMKULAM (M)</b>	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	ALAPPUZHA	<b>MAVELIKKARA (M)</b>	AMRUT 2.0 REJUVENATION OF THERUVILKULAM MAVELIKKARA MUNICIPALITY	0.700	0.020	0.72	Silt removal, deepening, side wall protection, fencing etc to rejuvenate the water body and collection of maximum rain water
6	ERNAKULAM	<b>KOCHI</b>	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	<b>MATTANUR (M)</b>	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

### 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
							bathing for the surrounding areas.
8	KANNUR	TALIPAR AMBA (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	KOTTAR AKKARA	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.
10	KOLLAM	KOTTAR AKKARA	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	KOTTAY AM (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	KOTTAY AM (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	KOTTAY AM (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	KOTTAY AM (M)	-side protection for Thrikkayil Malloosery 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.

### 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
15	KOZIKODE	KODUVALLY	AMRUT 2.0 POONOOR 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.
16	KOZIKODE	KOZHICODE	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	MALAPPURAM	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	MALAPPURAM	TANUR	AMRUT 2.0 WATER BODY REJUVENATION /IRATTAKULAM POND	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
			REJUVENATION AT DIV 03 IN TANUR MUNICIPALITY				
22	MALAPPURAM	KONDOTTY	Cheruppadi Pothukulam Renovation	0.120	0.020	0.14	n - Silt Removal, side protection, sign board, beautification work, hand rail, water cleaning other renovation work
23	MALAPPURAM	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.
24	MALAPPURAM	KONDOTTY	Koonayil Kulam Renovation	0.010	0.002	0.012	Silt Removal, side protection, sign board, beautification work, hand rail, water cleaning other renovation work to this pond
25	MALAPPURAM	KONDOTTY	Kottassery Kulam Renovation	0.060	0.010	0.07	Silt Removal, side protection, sign board, beautification work, hand rail, water cleaning other renovation work to this pond
26	MALAPPURAM	KONDOTTY	Kottukkara Aryambil Chola Renovation	0.140	0.020	0.16	Kottukkara Aryambil Chola Renovation - Sit removal, side protection, sign board, hand rail, water cleaning, other beautification and maintenance work
27	MALAPPURAM	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 renovation works to kundamchola pond
28	MALAPPURAM	KONDOTTY	KUNNATH CHOLA POND RENNOVATION AND IMPROVEMENT OF KUNNATH CHOLA TOURISM PROJECT AT	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
			KONDOTTY MUNICIPALITY				
29	MALAPPURAM	KONDOTTY	Madathil Thodu Kulam Renovation	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	MALAPPURAM	KONDOTTY	Neerad Kulam Renovation	0.060	0.010	0.07	Neerad Kulam renovation - Silt Removal, side protection, sign board, beautification work, hand rail, water cleaning other renovation work to this pond
31	MALAPPURAM	KONDOTTY	Onil Kulam renovation	0.060	0.010	0.07	Onil Kulam Renovation - Silt Removal, side protection, sign board, beautification work, hand rail, water cleaning other renovation work to this pond
32	MALAPPURAM	KONDOTTY	Palliyali Kulam renovation	0.029	0.010	0.0385	Palliyali kulam renovation - Silt Removal, side protection, sign board, beautification work, hand rail, water cleaning other renovation work to this pond
33	MALAPPURAM	KONDOTTY	Pullithodi Kulam renovation	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	MALAPPURAM	VALANCHERRY	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	MALAPPURAM	VALANCHERRY	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

<u>Sl no</u>	<u>District</u>	<u>ULB</u>	<u>Name of the work</u>	<u>Capex (Cr.)</u>	<u>O&amp;M (Cr.)</u>	<u>Total Cost (Cr.)</u>	<u>Major Components</u>
36	MALAPPURAM	VALANCHERRY	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	MALAPPURAM	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	MALAPPURAM	VALANCHERRY	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	MALAPPURAM	VALANCHERRY	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 KANJIRAKKUZHIKKULAM 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

<u>Sl no</u>	<u>District</u>	<u>ULB</u>	<u>Name of the work</u>	<u>Capex (Cr.)</u>	<u>O&amp;M (Cr.)</u>	<u>Total Cost (Cr.)</u>	<u>Major Components</u>
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 BYSIDE 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 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
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 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
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

### 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
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
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 -	0.322	0.003	0.3252	Rejuvenation of water body named Mullanparakulam located in Division 22 of Thrissur

### 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
			Mullanpaarakulam (Div 22)				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	AMRUT2.0- Thrissur Corporation- Waterbody Rejuvenation- Alumkulam-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 Saradhakulam ward:15	0.345	0.005	0.35	Silt removal, Protection works
68	THRISSUR	KUNNAMKULAM (M)	Rejuvenation of Cheeramkulam (Panjayathkulam) in Kunnamkulam Municipality	0.300	0.050	0.35	Silt removal, Protection works

### TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

<u>Sl no</u>	<b>District</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost (Cr.)</b>	<b>Major Components</b>
69	THRISSUR	<b>GURUVA YOOR (M)</b>	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	<b>KUNNA MKULAM (M)</b>	Rejuvenation of Cheruvathurkulam in Kunnamkulam Municipality	0.200	0.050	0.25	Rejuvenation of Cheruvathurkulam in Kunnamkulam Municipality by Desilting, Deepening and providing side protection thus increase the volume and quality of water
71	THRISSUR	<b>GURUVA YOOR (M)</b>	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	<b>GURUVA YOOR (M)</b>	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	<b>KUNNA MKULAM (M)</b>	Rejuvenation of Kaattilekulam in Kunnamkulam Municipality	0.150	0.010	0.16	Rejuvenation of Kaattilekulam in Kunnamkulam Municipality by Desilting, Deepening and providing side protection thus increase the volume and quality of water
74	THRISSUR	<b>GURUVA YOOR (M)</b>	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

### TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

<u>Sl no</u>	<b>District</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost (Cr.)</b>	<b>Major Components</b>
75	THRISSUR	<b>KUNNAMKULAM (M)</b>	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	<b>KUNNAMKULAM (M)</b>	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	<b>CHAVAKKAD(M)</b>	REJUVENATION OF PULICHIRAKKETTU POND-PHASE II	0.580	0.000	0.58	CONSTRUCTION OF FOOT PATH, CONSTRUCTION OF COMPOUND WALL, BEAUTIFICATION WORK FOR POND SURROUNDING, ELECTRIFICATION
78	THRISSUR	<b>KUNNAMKULAM (M)</b>	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	<b>VARKALA (M)</b>	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	<b>THIRUVANANTHAPURAM</b>	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 the pond from future pollution to an extent.

### TRANCHE-3 - RECOMMENDED AMRUT 2.0 WATERBODY PROJECTS

<u>Sl no</u>	District	ULB	Name of the work	Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	Major Components
81	TVM	THIRUVANANTHAPURAM	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	THIRUVANANTHAPURAM	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	THIRUVANANTHAPURAM	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	THIRUVANANTHAPURAM	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

<u>Sl no</u>	<b>District</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost (Cr.)</b>	<b>Major Components</b>
85	TVM	<b>THIRUVA NANTHA PURAM</b>	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	<b>THIRUVA NANTHA PURAM</b>	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	<b>THIRUVA NANTHA PURAM</b>	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	<b>THIRUVA NANTHA PURAM</b>	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	<b>THIRUVA NANTHA PURAM</b>	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	THIRUVA NANTHA PURAM	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	THIRUVA NANTHA PURAM	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	THIRUVA NANTHA PURAM	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	NEDUMA NGAD (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	THIRUVA NANTHA PURAM	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

### 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
							time. Through this project, protect the pond from future pollution to an extent.
95	TVM	THIRUVA NANTHA PURAM	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	THIRUVA NANTHA PURAM	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	NEDUMA NGAD (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	NEDUMA NGAD (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, bailing out fencing, mud cleaning of waterbody
99	TVM	THIRUVA NANTHA PURAM	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

### 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
							project, protect the pond from future pollution to an extent.
100	TVM	THIRUVA NANTHA PURAM	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	THIRUVA NANTHA PURAM	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	THIRUVA NANTHA PURAM	Renovation of Perumkarikkinchi ra 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	THIRUVA NANTHA PURAM	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, electrification, painting works, installation of CCTV camera etc.

### 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
104	TVM	THIRUVANANTHAPURAM	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	THIRUVANANTHAPURAM	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	THIRUVANANTHAPURAM	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	THIRUVANANTHAPURAM	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.
108	TVM	THIRUVANANTHAPURAM	Renovation of Paraykkottukonam 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	THIRUVANANTHAPURAM	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

### 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
							walkway, electrification, painting works etc.
110	TVM	NEYYATTINKARA (M)	Thoppunkulam 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	THIRUVANANTHAPURAM	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
			<b>TOTAL</b>	<b>50.429</b>	<b>2.206</b>	<b>52.6</b>	

### 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

**TRANCHE 3 -PARKS & GREEN SPACE**

<b>SL.N o</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost</b>	<b>Major Components as per DPR</b>
<b>3</b>	<b>ALUVA (M) CAPEX (CR.)=0.3 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.35</b>	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.
<b>4</b>	<b>ANGAMALY (M) CAPEX (CR.)=0.5 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.55</b>	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
<b>5</b>	<b>ATTINGAL (M) CAPEX (CR.)=0.38 O&amp;M (CR.)=0.01 TOTAL COST (CR.)=0.39</b>	RENOVATION OF PARK AT TB JUNCTION ATTINGAL	0.38	0.01	0.39	Civil works, Childrens play equipment
<b>6</b>	<b>CHANGANASSE RY (M) CAPEX (CR.)=0.5 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.55</b>	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

**TRANCHE 3 -PARKS & GREEN SPACE**

<b>SL.N o</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost</b>	<b>Major Components as per DPR</b>
7	<b>CHENGANNUR (M) CAPEX (CR.)=0.27 O&amp;M (CR.)=0.03 TOTAL COST (CR.)=0.3</b>	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	<b>CHERPULASSE RYCAPEX (CR.)=0.5 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.55</b>	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	<b>CHERTHALA (M) CAPEX (CR.)=0.3 O&amp;M (CR.)=0.025 TOTAL COST (CR.)=0.325</b>	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	<b>CHITTUR- THATHAMANG ALAM (M) CAPEX (CR.)=0.4 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.45</b>	CHILDRENS PARK AT DEVI NAGAR WARD 27 CHITTUR THATHAMANGALAM MUNICIPALITY	0.4	0.05	0.45	Civil works, Childrens play equipment, Horticulture
11	<b>ELOOR CAPEX (CR.)=0.5 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.55</b>	Amrut 2.0-Construction of Park Near Eloor Ferry	0.5	0.05	0.55	Civil works, Childrens play equipment, Open gym
12	<b>HARIPAD CAPEX (CR.)=0.25 O&amp;M (CR.)=0.03 TOTAL COST (CR.)=0.28</b>	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	<b>HARIPAD CAPEX (CR.)=0.3 O&amp;M (CR.)=0.09 TOTAL COST (CR.)=0.39</b>	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



**TRANCHE 3 -PARKS & GREEN SPACE**

<b>SL.N o</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost</b>	<b>Major Components as per DPR</b>
14	<b>IRINJALAKUDA (M) CAPEX (CR.)=0.6 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.65</b>	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	<b>KALAMASSERY (M) CAPEX (CR.)=0.8 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.85</b>	Rejuvenation of Stadium Park Kalamassery	0.8	0.05	0.85	Civil works, Childrens play equipment, Open gym
16	<b>KALPETTA (M) CAPEX (CR.)=0.5 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.55</b>	KALPETA MUNICIPALITY ROCK GARDEN PARK CONSTRUCTION	0.5	0.05	0.55	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
17	<b>KANHANGAD CAPEX (CR.)=0.6 O&amp;M (CR.)=0.025 TOTAL COST (CR.)=0.625</b>	Development of Children's Park at Chemmattamvayal in Kanhangad Municipality	0.6	0.025	0.625	Civil works, Childrens play equipment, Open gym
18	<b>KANNUR (M) CAPEX (CR.)=0.4 O&amp;M (CR.)=0.02 TOTAL COST (CR.)=0.42</b>	Construction of Parakkandy Park	0.4	0.02	0.42	Civil works, Childrens play equipment, Open gym
19	<b>KATTAPPANA CAPEX (CR.)=0.35 O&amp;M (CR.)=0.03 TOTAL COST (CR.)=0.33</b>	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	<b>KOCHICAPEX (CR.)=0.3 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.35</b>	Development of Perumbadappu Park at Division-18	0.3	0.05	0.35	Civil works, Childrens play equipment, Open gym, others (Landscaping)
21	<b>KOCHI CAPEX (CR.)=0.4 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.45</b>	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)

**TRANCHE 3 -PARKS & GREEN SPACE**

<b>SL.N o</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost</b>	<b>Major Components as per DPR</b>
22	<b>KOCHI</b> <b>CAPEX (CR.)=0.4</b> <b>O&amp;M (CR.)=0.05</b> <b>TOTAL COST</b> <b>(CR.)=0.45</b>	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	<b>KOCHI</b> <b>CAPEX (CR.)=0.30</b> <b>O&amp;M (CR.)=0.05</b> <b>TOTAL COST</b> <b>(CR.)=0.35</b>	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	<b>KODUNGALLUR (M)</b> <b>CAPEX (CR.)=0.5</b> <b>O&amp;M (CR.)=0.02</b> <b>TOTAL COST</b> <b>(CR.)=0.52</b>	V K RAJAN MUNICIPAL PARK	0.5	0.02	0.52	Civil works
25	<b>KOLLAM</b> <b>CAPEX (CR.)=0.75</b> <b>O&amp;M (CR.)=0.15</b> <b>TOTAL COST</b> <b>(CR.)=0.9</b>	DEVELOPMENT OF A NEW PARK NEAR KOLLAM BEACH	0.75	0.15	0.9	Civil works, Childrens play equipment, others (Landscaping)
26	<b>KOLLAM</b> <b>CAPEX (CR.)=1.25</b> <b>O&amp;M (CR.)=0.25</b> <b>TOTAL COST</b> <b>(CR.)=1.5</b>	DEVELOPMENT OF A NEW PARK AT KUREEPUZHA	1.25	0.25	1.5	Civil works, Childrens play equipment, Divyang friendly features, others (Landscaping)
27	<b>KOTHAMANGALAM (M)</b> <b>CAPEX (CR.)=0.50</b> <b>O&amp;M (CR.)=0.05</b> <b>TOTAL COST</b> <b>(CR.)=0.55</b>	Rejuvenation of Municipal Park Kothamagalam	0.5	0.05	0.55	Civil works, Childrens play equipment, others (Landscaping)
28	<b>KOTTAYAM (M)</b> <b>CAPEX (CR.)=0.081</b> <b>O&amp;M (CR.)=0.005</b> <b>TOTAL COST</b> <b>(CR.)=0.086</b>	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

**TRANCHE 3 -PARKS & GREEN SPACE**

<b>Sl.N o</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost</b>	<b>Major Components as per DPR</b>
29	<b>KOTTAYAM (M) CAPEX (CR.)=0.1 O&amp;M (CR.)=0.015 TOTAL COST (CR.)=0.115</b>	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	<b>KOTTAYAM (M) CAPEX (CR.)=0.2 O&amp;M (CR.)=0.03 TOTAL COST (CR.)=0.23</b>	Construction of Park at Borma Kavala road- Ward-41	0.2	0.03	0.23	Civil works, Childrens play equipment
31	<b>KOTTAYAM (M) CAPEX (CR.)=0.209 O&amp;M (CR.)=0.01 TOTAL COST (CR.)=0.219</b>	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	<b>KOYILANDY MUNICIPALITY CAPEX (CR.)=0.25 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.3</b>	Renovation of Anakkulam Childrens park at koyilandy municipality.	0.25	0.05	0.3	Civil works, others (Electrical works)
33	<b>KOZHIKODECA PEX (CR.)=2.25 O&amp;M (CR.)=0.35 TOTAL COST (CR.)=2.6</b>	Renovation of Kozhikode beach Lion's park	2.25	0.35	2.6	Civil works, Childrens play equipment, Divyang friendly features
34	<b>KUNNAMKULA M CAPEX (CR.)=0.25 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.3</b>	Kunnamkulam Municipality Childrens Park	0.25	0.05	0.3	Civil works, Childrens play equipment, Horticulture
35	<b>MALAPPURAM (M) CAPEX (CR.)=75 O&amp;M (CR.)=0.1 TOTAL COST (CR.)=0.85</b>	AMRUT 2.0 -GREEN PARK DEVELOPMENT AT NECHIKUTTY-MALAPPURAM MUNICIPALITY	0.75	0.1	0.85	Civil works, Horticulture

**TRANCHE 3 -PARKS & GREEN SPACE**

<b>SL.N o</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost</b>	<b>Major Components as per DPR</b>
36	<b>MANANTHAVA DI CAPEX (CR.)=0.5 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.55</b>	AMRUT 2.0 MANANTHAVADY MUNICIPALITY - CHOOTTAKKADAVU PAZHASSI PARK	0.5	0.05	0.55	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
37	<b>MANJERI (M) CAPEX (CR.)=1 O&amp;M (CR.)=0.1 TOTAL COST (CR.)=1.1</b>	Construction of hill view park at Vettekkode in Manjeri Municipality	1	0.1	1.1	Civil works, Childrens play equipment, Divyang friendly features
38	<b>MANNARKKAD CAPEX (CR.)=0.21 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.26</b>	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	<b>MARADU(M) CAPEX (CR.)=0.7 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.75</b>	AMRUT-2.O- Construction of Ommen 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)
40	<b>MATTANNUR (M) CAPEX (CR.)=0.799 O&amp;M (CR.)=0.051 TOTAL COST (CR.)=0.85</b>	Green Space park at Poongottu Kavu	0.799	0.051	0.85	Civil works, Childrens play equipment, Open gym
41	<b>MAVELIKKARA (M) CAPEX (CR.)=0.3 O&amp;M (CR.)=0.025 TOTAL COST (CR.)=0.325</b>	AMRUT 2.0 DEVELOPMENT OF GREEN SPACE & PARK NEAR VELLOORKULAM	0.3	0.025	0.325	Civil works, Childrens play equipment, Horticulture
42	<b>MUKKAM CAPEX (CR.)=0.1 O&amp;M (CR.)=0.01 TOTAL COST (CR.)=0.11</b>	VRINDAVANAM PARK IN MUKKAM MUNICIPALITY DIVISION 14	0.1	0.01	0.11	Civil works

**TRANCHE 3 -PARKS & GREEN SPACE**

<b>SL.N o</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost</b>	<b>Major Components as per DPR</b>
43	<b>MUVATTUPUZH A (M) CAPEX (CR.)=0.5 O&amp;M (CR.)=0.04 TOTAL COST (CR.)=0.54</b>	Dream Land Park Renovation and Beautification	0.5	0.04	0.54	Civil works, Open gym, Horticulture, others (music foundation)
44	<b>NEDUMANGAD (M) CAPEX (CR.)=0.1107 O&amp;M (CR.)=0.0033 TOTAL COST (CR.)=0.114</b>	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	<b>PALAI (M)CAPEX (CR.)=0.2 O&amp;M (CR.)=0.03 TOTAL COST (CR.)=0.23</b>	RENOVATION OF CHILDRENS PARK AT 12TH MILE, PALA	0.2	0.03	0.23	Civil works, Childrens play equipment, Open gym, Horticulture, others(electrification)
46	<b>PALAKKAD CAPEX (CR.)=0.3 O&amp;M (CR.)=0.03 TOTAL COST (CR.)=0.33</b>	PRASANTH NAGAR PARK	0.3	0.03	0.33	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
47	<b>PANDALAM CAPEX (CR.)=0.51 O&amp;M (CR.)=0.01 TOTAL COST (CR.)=0.52</b>	Chiramudi Tourisom Project	0.51	0.01	0.52	Civil works, Childrens play equipment, Divyang friendly features, Horticulture, others (Bridge)
48	<b>PANOOR CAPEX (CR.)=0.6 O&amp;M (CR.)=0.025 TOTAL COST (CR.)=0.625</b>	Panoor Municipality Childrens Park at Peringathoor	0.6	0.025	0.625	Civil works, Childrens play equipment, Open gym
49	<b>PARAPPANANA NGADI CAPEX (CR.)=0.75 O&amp;M (CR.)=0.15 TOTAL COST (CR.)=0.9</b>	Keeranallur Newcut Garden Space Development	0.75	0.15	0.9	Civil works, Childrens play equipment, Horticulture

**TRANCHE 3 -PARKS & GREEN SPACE**

<b>SL.N o</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost</b>	<b>Major Components as per DPR</b>
50	<b>PARAVUR (M) CAPEX (CR.)=0.5 O&amp;M (CR.)=0.04 TOTAL COST (CR.)=0.54</b>	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	<b>PATTAMBI CAPEX (CR.)=0.25 O&amp;M (CR.)=0.25 TOTAL COST (CR.)=0.5</b>	Modification Of Pattambi Municipal Town Park	0.25	0.25	0.5	Civil works, Childrens play equipment, Open gym, others (Walk way)
52	<b>PAYYANNUR (M) CAPEX (CR.)=0.18 O&amp;M (CR.)=0.009 TOTAL COST (CR.)=0.189</b>	Development of Children's Park at Payyanur Municipality	0.18	0.009	0.189	Civil works, Childrens play equipment, Open gym
53	<b>PERINTHALMA NNA (M) CAPEX (CR.)=0.5 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.55</b>	PACHATHURUTH GREEN PARK PERINTHALMANNA MUNICIPALITY	0.5	0.05	0.55	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
54	<b>PERUMBAVOOR (M) CAPEX (CR.)=0.5 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.55</b>	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	<b>PIRAVOM CAPEX (CR.)=0.3 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.35</b>	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	<b>PONNANI CAPEX (CR.)=1 O&amp;M (CR.)=0.1 TOTAL COST (CR.)=1.1</b>	Development of Park and Greenspace at Biyyam Kayal	1	0.1	1.1	Civil works, Childrens play equipment, Open gym, Horticulture

**TRANCHE 3 -PARKS & GREEN SPACE**

<b>SL.N o</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost</b>	<b>Major Components as per DPR</b>
57	<b>RAMANATTUK ARA CAPEX (CR.)=0.1 O&amp;M (CR.)=0.01 TOTAL COST (CR.)=0.11</b>	Park at New office entrance land along Chethupalam thodu	0.1	0.01	0.11	Civil works, Horticulture
58	<b>SHORANUR (M)CAPEX (CR.)=0.5 O&amp;M (CR.)=0.005 TOTAL COST (CR.)=0.505</b>	CONSTRUCTION OF CHILDREN PARK NEAR BHARATHAPUZHA	0.5	0.005	0.505	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
59	<b>SULTAN BATHERY CAPEX (CR.)=0.5 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.55</b>	HAPPINESS PARK SULTHAN BATHERY MUNCIPALITY	0.5	0.05	0.55	Civil works, Childrens play equipment, Divyang friendly features, Horticulture
60	<b>TANUR CAPEX (CR.)=0.21 O&amp;M (CR.)=0.04 TOTAL COST (CR.)=0.25</b>	MUKKATHODE	0.21	0.04	0.25	Civil works, Childrens play equipment, Open gym, Divyang friendly features, Horticulture
61	<b>THODUPUZHA (M) CAPEX (CR.)=0.75 O&amp;M (CR.)=0.01 TOTAL COST (CR.)=0.76</b>	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	<b>THRIKKAKARA (M) CAPEX (CR.)=0.75 O&amp;M (CR.)=0.05 TOTAL COST (CR.)=0.8</b>	Renovation of Thrikkakara Municipal Park	0.75	0.05	0.8	Civil works, Childrens play equipment, Open gym, others (Landscaping)
63	<b>THRIPPUNITHU RA (M) CAPEX (CR.)=0.75 O&amp;M (CR.)=0.04 TOTAL COST (CR.)=0.79</b>	Amrut 2.0 Renovation of Thannerchal Park, Tripunithura	0.75	0.04	0.79	Civil works, Childrens play equipment, Open gym, others(landscaping)

**TRANCHE 3 -PARKS & GREEN SPACE**

<b>SL.N o</b>	<b>ULB</b>	<b>Name of the work</b>	<b>Capex (Cr.)</b>	<b>O&amp;M (Cr.)</b>	<b>Total Cost</b>	<b>Major Components as per DPR</b>
64	<b>THRISSUR</b> 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	<b>THRISSUR</b> 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	<b>VADAKARA (M)</b> 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)
67	<b>VAIKOM (M)</b> 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	<b>VALANCHERRY</b> 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	<b>WADAKKANCH ERI</b> 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)
		<b>TOTAL</b>	<b>34.37</b>	<b>4.125</b>	<b>38.5</b>	

**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 instructed the Chief Town Planner to assess the feasibility of the prominent projects under Water body rejuvenation and Green spaces.*
- *Subject to the feasibility report, the Committee approved the Tranche 3 of State Water Action Plan for 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) and 69 project proposals for parks and green spaces submitted by 58 ULBs for an amount of Rs. 38.495 crore (Capex Rs. 34.37 crore and O & M Rs. 4.125 crore) for submitting before the APEX committee.*

#### **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.**

SI No.	ULB (Approved SWAP details)	Name of the Project	Amount as Per DPR			Major Components as per DPR	Land availability	Cost per HH Benefitted (₹)	Increase in LPCD	Evaluation of KWA HQ
			Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)					
1	<b>THIRUVALLA (M)</b>  <b>SWAP 1</b> <b>Capex (Cr.) -</b> <b>O&amp;M (Cr.) -</b> <b>Total Cost -</b>	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
2	<b>Trippunithura</b>  <b>SWAP 1</b> <b>Capex (Cr.) -</b> <b>O&amp;M (Cr.) -</b> <b>Total Cost -</b>	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	<b>THRISSUR</b>  <b>SWAP 1</b> <b>Replacement project-8</b>	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	<b>THRISSUR</b>  <b>SWAP 1</b> <b>Replacement project-7</b>	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	ULB

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.)					
									pipe works.	
5	<b>KATTAPANNA SWAP 2</b> <b>Capex (Cr.) -</b> <b>O&amp;M (Cr.) -</b> <b>Total Cost -</b>	AMRUT 2.0 UWSS to kattappana municipality pipe laying work for kattappana municipality from nariyampara to idukkikavala	1.04	0.15	1.19	<b>1) FHTC- 150</b> <b>2) Existing Connections served- 150</b> <b>3) HH benefitted- 300</b> 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. <b>Proposal is feasible subject to commissioning of the above-mentioned scheme.</b>
	<b>TOTAL</b>		<b>7.4492</b>	<b>0.67</b>	<b>8.1192</b>					

#### **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 Taken:**

- *The committee discussed the proposals in detail and accorded administrative sanction for 4 WS projects of Thiruvalla, Trippunithura and Thrissur amounting to Rs.6.9292 Cr. (CAPEX – Rs. 6.409 Cr. & OPEX – Rs.0.52Cr.).*
- *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.*

- *Provisional approval was granted by the Committee for the Proposal from Kattappana amounting to Rs.1.19 Cr. (CAPEX Rs. 1.04 Cr. & OPEX – Rs. 0.15 Cr.), subject to the approval from KIIFB.*

**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 m<sup>3</sup>/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 m<sup>3</sup>/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	<b>Nileshwaram</b>  <b>SWAP1</b> <b>Capex (Cr.) – 1.0</b> <b>O&amp;M (Cr.) –0.1</b> <b>Total Cost – 1.10</b>	<b>AMRUT 2.0- Ward-:12, 13, 15</b>  <b>Perole Drinking Water Project</b>	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 <b>5) New connections served is-110HH</b>
2	<b>Sreekandapuram</b>  <b>SWAP1</b> <b>Capex (Cr.) – 2.0</b> <b>O&amp;M (Cr.) – 0.20</b> <b>Total Cost – 2.20</b>	<b>AMRUT 2.0. Nediyanaga Swarnadhara Drinking Water Project</b>	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 <b>5) New connections served is-375HH</b>
<b>TOTAL</b>			<b>1.514</b>	<b>0.041</b>	<b>1.555</b>	

### 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 Nediyanaga Swarnadhara scheme of Sreekandapuram is very much justified and in accordance with AMRUT guidelines.

### Decision Taken:

- The committee reviewed the Micro water supply proposals from Nileswaram and Sreekandapuram and accorded Administrative Sanction for the above 2 Micro water supply projects amounting to 1.555 cr. (CAPEX-1.514 Cr. OPEX- 0.041 Cr.) as recommended by the SLTC.
- The Committee instructed the Mission Director to give more due priority to the Micro Water Supply projects and The TS shall be issued by the concerned technical committee formed only after meeting the following conditions:
  - The project should be Technically feasible and have a reliable water source and yield potential.
  - 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 (for Perole only) but are reasonable as no other judicious sources of drinking water supply exists in the area of concern. Moreover, the proposed drinking water supply project for Nediya Swarnadhara scheme of Shreekanthapuram is very much justified and are in accordance with AMRUT guidelines.
  - The necessary clearances from the relevant statute authorities are to be obtained if any by the ULB.
  - 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 purchase 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.

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:**

- **The Committee accepted the explanation given by KWA 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**
- **The Committee noted that the cost per household considering all these connections comes to around 1 Lakh**
- **The Committee decided to accord the Administrative Sanction 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 excess amount required (Rs.4.2 Cr.) over the approved SWAP amount shall be met from fund allotted to the ULB in the Sewerage & Septage Sector and balance amount from the floating fund allotted to the ULB.**



## **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 6<sup>th</sup> 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 6<sup>th</sup> 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	
<b>PANOOR</b>  <b>CAPEX (Cr.)=0.4</b> <b>O&amp;M (Cr.)=0.01</b> <b>TOTAL COST (Cr.)=0.41</b> <b>CA- Rs 0.20 Cr</b>	<b>AMRUT2.0 REJUVENATION OF KOYAPPAL POND</b>	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 Taken:**

- *The committee accorded Administrative Sanction for the project under Rejuvenation of Water Body -“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	<b>KOLLAM</b> <b>CAPEX (CR.)=5</b> <b>O&amp;M (CR.)=0.25</b> <b>TOTAL COST (CR.)=5.25 CA-1.6665</b>	Rejuvenation of Ashtamudi Lake, Near KSRTC bus station, Kollam	5.000	0.25	5.250	The project is added to Nagarasanchaya padhadhi.
2	<b>KOLLAM</b> <b>CAPEX (CR.)=0.04</b> <b>O&amp;M (CR.)=0.002</b> <b>TOTAL COST (CR.)=0.042 CA-0.0134</b>	AMRUT 2.0 REJUVENATION OF MUNNANIKULAM DIVISION – 29 – AYATHIL”	0.040	0.002	0.042	The scope of the project has been changed

WATERBODY REJUVENATION- PROJECTS TO BE CANCELLED						
SI No	ULB	Name of the work	Capex (Cr)	O& M (Cr)	Total	Reason for Cancellation
3	<b>KARUNAGAPALLY</b>  <b>CAPEX (CR.)= 0.15</b> <b>O&amp;M (CR.)= 0.015</b> <b>TOTAL COST (CR.)= 0.165 CA-075</b>	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	<b>KARUNAGAPALLY</b>  <b>CAPEX (CR.)= 0.1</b> <b>O&amp;M (CR.)= 0.01</b> <b>TOTAL COST (CR.)= 0.11 CA-05</b>	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	<b>KARUNAGAPALLY</b>  <b>CAPEX (CR.)= 0.12</b> <b>O&amp;M (CR.)= 0.012</b> <b>TOTAL COST (CR.)= 0.132 CA-06</b>	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	<b>ERATTUPETTA</b>  <b>CAPEX (CR.)= 0.25</b> <b>O&amp;M (CR.)= 0.015</b> <b>TOTAL COST (CR.)= 0.265 CA-0.125</b>	Nadakkal Pond Rejuvenation In Erattupetta Municipality	0.250	0.015	0.265	ULB owned the project.
7	<b>ELOOR</b>  <b>CAPEX (CR.)= 0.05</b> <b>O&amp;M (CR.)= 0.025</b> <b>TOTAL COST (CR.)= 0.075 CA-0.025</b>	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	<b>ELOOR</b>  <b>CAPEX (CR.)= 0.1</b> <b>O&amp;M (CR.)= 0.01</b> <b>TOTAL COST (CR.)= 0.11 CA-05</b>	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	<b>ELOOR</b>  <b>CAPEX (CR.)= 0.6</b> <b>O&amp;M (CR.)= 0.03</b> <b>TOTAL COST (CR.)= 0.63 CA-0.30</b>	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.

WATERBODY REJUVENATION- PROJECTS TO BE CANCELLED						
SI No .	ULB	Name of the work	Capex (Cr)	O& M (Cr)	Total	Reason for Cancellation
10	<b>KASARAGOD</b>  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	<b>KASARAGOD</b>  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	<b>THALASSERY</b>  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	<b>KANHANGAD</b>  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
14	<b>PONNANI</b>  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	<b>NILAMBUR</b>  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	<b>MARADU</b>  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

WATERBODY REJUVENATION- PROJECTS TO BE CANCELLED						
SI No .	ULB	Name of the work	Capex (Cr)	O& M (Cr)	Total	Reason for Cancellation
17	<b>PERINTHALMANNA</b>  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	<b>MANJERI</b> 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	<b>IRITTY</b> CAPEX (CR.)= 0.25 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.26 CA 0.125	Kooloth ambalam kulam renovation	0.250	0.01	0.260	Project is substituted with another project & will be submitted in Tranche 3
20	<b>IRITTY</b> CAPEX (CR.)= 0.3 O&M (CR.)= 0.01 TOTAL COST (CR.)= 0.31 CA 0.15	Kannoth karinga kund kulam renovation	0.300	0.01	0.310	Project is substituted with another project & will be submitted in Tranche 3
21	<b>TALIPARAMB</b> CAPEX (CR.)= 0.04 O&M (CR.)= 0 TOTAL COST (CR.)= 0.04 CA 0.02	Rejuvenation of Kundamkuzhi juma mazjids pond	0.040	0	0.040	Consent issue
22	<b>TALIPARAMB</b> CAPEX (CR.)= 0.04 O&M (CR.)= 0 TOTAL COST (CR.)= 0.04 CA 0.02	Rejuvenation of Thaliparamba Juma mazjids Pond	0.040	0	0.040	Consent issue
23	<b>TALIPARAMB</b> CAPEX (CR.)= 0.05 O&M (CR.)= 0 TOTAL COST (CR.)= 0.05 CA 0.025	Rejuvenation of Puthiyedath kavu temple pond.	0.050	0	0.050	Consent issue
			<b>10.460</b>	<b>0.507</b>	<b>10.967</b>	

**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	<b>ALAPPUZHA(M)</b> <b>CAPEX (CR.)=0.25</b> <b>O&amp;M (CR.)=0.01</b> <b>TOTAL COST (Cr)=0.26</b>	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	<b>ALAPPUZHA(M)</b> <b>CAPEX (CR.)=0.325</b> <b>O&amp;M (CR.)=0.025</b> <b>TOTAL COST (CR.)=0.35</b>	AMRUT 2.0 -Alappuzha Municipality-Waterbody Rejuvenation-Rejuvenation of Pathiyamkulangara Temple Pond in Eravukad ward	0.325	0.025	0.350	The deepening of the pond, side protection works etc .
3	<b>ALUVA</b> <b>CAPEX (CR.)=0.12078</b> <b>O&amp;M (CR.)=0.0024</b> <b>TOTAL COST (CR.)=0.1232</b>	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 chequerred tiles are proposed in this estimate. Provisions for storm water drain crossing.
4	<b>KOCHI</b> <b>CAPEX (CR.)=1</b> <b>O&amp;M (CR.)=0.005</b> <b>TOTAL COST (CR.)=1.005</b>	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	<b>KOCHI</b> <b>CAPEX (CR.)=3.5</b> <b>O&amp;M (CR.)=0.1</b> <b>TOTAL COST (CR.)=3.6</b>	Rejuvenation of Chilavanoor Kayal in Division 54	3.500	0.100	3.600	Deepening, side wall protection, Fencing and foot path
6	<b>KOLLAM</b> <b>CAPEX (CR.)=0.4</b> <b>O&amp;M (CR.)=0.02</b> <b>TOTAL COST (CR.)=0.42</b>	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

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
7	<b>KOLLAM</b> <b>CAPEX (CR.)=0.574</b> <b>O&amp;M (CR.)=0.0287</b> <b>TOTAL COST (CR.)=0.6027</b>	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	<b>KOLLAM</b> <b>CAPEX (CR.)=0.76262</b> <b>O&amp;M (CR.)=0.03813</b> <b>TOTAL COST (CR.)=0.80075</b>	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"
9	<b>KOLLAM</b> <b>CAPEX (CR.)=0.11769</b> <b>O&amp;M (CR.)=0.0062</b> <b>TOTAL COST (CR.)=0.12389</b>	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	<b>KOLLAM</b> <b>CAPEX (CR.)=0.02804</b> <b>O&amp;M (CR.)=0.0014</b> <b>TOTAL COST (CR.)=0.02944</b>	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	<b>KOLLAM</b> <b>CAPEX (CR.)=0.97964</b> <b>O&amp;M (CR.)=0.04898</b> <b>TOTAL COST (CR.)=1.02862</b>	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	<b>KOLLAM</b> <b>CAPEX (CR.)=0.04856</b> <b>O&amp;M (CR.)=0.00242</b> <b>TOTAL COST (CR.)=0.05098</b>	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	<b>KOTHAMANGALAM (M)</b> <b>CAPEX (CR.)=0.3</b> <b>O&amp;M (CR.)=0.05</b> <b>TOTAL COST (CR.)=0.35</b>	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



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
14	<b>KOTHAMANGALAM (M)</b> <b>CAPEX (CR.)=0.3</b> <b>O&amp;M (CR.)=0.05</b> <b>TOTAL COST (CR.)=0.35</b>	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	<b>MANANTHAVADI</b> <b>CAPEX (CR.)=0.11</b> <b>O&amp;M (CR.)=0.011</b> <b>TOTAL COST (CR.)=0.121</b>	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 .
16	<b>MANANTHAVADI</b> <b>CAPEX (CR.)=0.26</b> <b>O&amp;M (CR.)=0.005</b> <b>TOTAL COST (CR.)=0.265</b>	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	<b>MARADU (M)</b> <b>CAPEX (CR.)=0.25</b> <b>O&amp;M (CR.)=0.02</b> <b>TOTAL COST (CR.)=0.27</b>	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	<b>PERINTHALMANNA (M)</b> <b>CAPEX (CR.)=0.28</b> <b>O&amp;M (CR.)=0.028</b> <b>TOTAL COST (CR.)=0.308</b>	PERINTHALMANNA MUNICIPALITY- PADATHEKULAM	0.280	0.028	0.308	The deepening of the pond, side protection works etc .
19	<b>PERINTHALMANNA (M)</b> <b>CAPEX (CR.)=0.45</b> <b>O&amp;M (CR.)=0.05</b> <b>TOTAL COST (CR.)=0.5</b>	PERINTHALMANNA MUNICIPALITY- MANGALAM KULAM	0.45	0.050	0.500	The deepening of the pond, side protection works etc .
		<b>Total</b>	<b>10.0564</b>	<b>0.502</b>	<b>10.558</b>	

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 Taken:**

- *The Committee instructed for convening a meeting with the ULBs immediately to review the decision for cancelling the proposed projects under SWAP 2.*
- *Subject to the confirmation from ULBs, the Committee approved the cancellation of 23 projects for Rs. 10.97 crore (Capex Rs. 10.46 Rs.0.51 and O&M Rs. 0.51 crore) and the replacement of 19 projects for Rs. 10.558 crore (Capex Rs. 10.056 crore and O&M Rs. 0.502 crore).*

### **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, 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. from ULBs has been sent to MoHUA on 5.12.2023 and waiting for the release of incentive funds.

**Decision Taken:**

- *The Committee took note of the action taken by the Mission Director to avail the Special Assistance to States for Capital Investment 2023-24- Part-III -Urban Planning Reforms*
- *The Committee directed the Finance department to submit the list of projects under Special Assistance 2023-24 to the Ministry of Finance, Government of India at the earliest.*

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**Mission Director  
AMRUT**

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**Additional Chief Secretary, LSGD  
(Convener, SHPSC)**



*Handwritten signature in blue ink*  
**Chief Secretary  
Government of Kerala  
(Chairman, SHPSC)**

**The 34<sup>th</sup> SHPSC of AMRUT Phase -1 and 7<sup>th</sup> SHPSC of AMRUT 2.0 held on 14<sup>th</sup> December 2023 at 04:00 PM by the Chief Secretary, Government of Kerala at his Committee Room.**

**List of Participants**

1. Dr.V.Venu IAS, Chief Secretary, Government of Kerala
2. Smt. Sarada Muraleedharan IAS, Additional Chief Secretary, LSGD
3. Sri. Rabindra Agarwal IAS, Principal Secretary, Finance Department
4. Smt. Bhandari Swagat Ranveerchand IAS, Managing Director, KWA
5. Sri. Alex Varghese IAS, Mission Director, AMRUT
6. Smt. Resmi.P.S, Special Secretary, Public Works Department
7. Sri. Santhosh Kumar.L, Additional Secretary, Environmental Department
8. Sri. Sukumaran Nair.G, Joint Secretary, Water Resources Department
9. Smt. Smitha.B.Chandra, Under Secretary, Planning & Economic Affairs Department
10. Sri. Prasanth.H, Chief Town Planner (Planning), Thiruvananthapuram
11. Smt. Resmi.P.S. Director (LWM) (i/c), Suchitwa Mission
12. Sri. Krishna Kumar.V.S., Deputy Chief Engineer, PIU-2, KWA. TVPM
13. Sri. Luqmam, Deputy Mission Director, AMRUT
14. Smt. Sheeja.A, Deputy Mission Director, AMRUT