

Minutes of the 5th State Level High Powered Steering Committee (SHPSC) of Atal Mission for Rejuvenation and Urban Transformation 2.0 (AMRUT 2.0) held on 02.03.2023 at 10:30 AM through Video Conference by the Chief Secretary, Government of Kerala.

The meeting of the 5th State Level High Powered Steering Committee (SHPSC) of AMRUT 2.0, chaired by Dr. V.P. Joy IAS, Chief Secretary, Government of Kerala commenced at 11:00 AM. (*List of participants attached as Annexure-1*)

Sri. Arun. Vijayan IAS, Mission Director, AMRUT presented the points in the agenda note.

Agenda Item No.1: APPROVAL OF MINUTES OF THE 4th MEETING OF SHPSC

Decision:

The Committee approved the minutes of the 4th SHPSC meeting held on 23rd January 2023.

Agenda Item No.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 4th SHPSC MEETING OF AMRUT 2.0

Agenda Item	Action Taken	Decision
Agenda Item No. 2.1- Progress of AMRUT 2.0	<ul style="list-style-type: none">❖ Progress of AMRUT 2.0 is included as an Agenda.❖ CDD has started the site visits.❖ A meeting was held on 03.02.2023 with the ULB officials and empaneled agencies by the Mission Director and directions were given to expedite the process of developing DPRs for Micro Scheme WS projects.	Noted
Agenda Item No.2.2: ADMINISTRATIVE SANCTION OF 74 WATER SUPPLY PROJECTS APPROVED UNDER 1st TRANCHE OF SWAP:	A government Order was issued vide G.O.(Rt)No.473/2023/LSGD dated 23.02.2023.	Noted
Agenda Item No.2.3:ADMINISTRATIVE SANCTION OF 23 SEWERAGE PROJECTS IN THIRUVANANTHAPURAM APPROVED UNDER 1st TRANCHE OF SWAP	G.O. was issued vide G.O.(Rt)No.431/2023/LSGD dated 19.2.2023.	Noted
Agenda Item No.2.4:REQUEST TO TAKE UP THE PROJECT SEWERAGE SYSTEM TO KOZHIKODE CORPORATION – ZONE B1- PART I UNDER DBOT DIRECTLY BY ULB.	The Core Committee held on 20.01.2023 decided to implement the sewerage project through KWA. The matter is to be placed in the Council for approval.	Noted
Agenda Item No.2.5: CANCELLATION OF WATER SUPPLY PROJECTS IN THE 1ST TRANCHE OF SWAP	Explanation letters received from the Secretaries of Karunagappally and Kothamangalam Municipalities in proposing non-viable projects. The explanation submitted may be accepted.	Committee accepted the explanation from the ULBs.
Agenda Item No.2.6: APPROVAL OF STATE ACTION PLAN UNDER THE SUB-SCHEME OF FORMULATION OF GIS BASED MASTER PLAN OF CLASS-II TOWNS UNDER AMRUT 2.0	The approved SAP was submitted on an online portal developed by the Ministry of Housing and Urban Affairs, GoI on 13.02.2023.	Noted

<u>Agenda Item No.2.7: OPENING OF SEPARATE BANK ACCOUNT FOR SNA & IMPLEMENTING AGENCIES UNDER THE SUB-SCHEME</u>	Request to Government submitted on 16.2.2023. Government order has to be issued in this regard.	<p>The ACS Finance informed that a separate SNA account is mandatory as per the GO issued by the Finance dpt. vide GO(P)No. 51/ 2021/ FIN dated 15.3.2021 and therefore a separate GO is not required.</p> <p>The Committee concurred with the same.</p>
<u>Agenda Item No.2.8: APPROVAL OF THE CONSTITUTION OF CONSULTANCY EVALUATION & REVIEW COMMITTEE (CERC) FOR MONITORING THE GIS-BASED MASTER PLAN.</u>	G.O. was issued vide GO (Rt) No. 470/2023/LSGD dated: 23.02.2023	<p>Noted</p>
<u>Agenda Item No.2.9: AMRUT 2.0-TOOL KIT FOR URBAN REFORMS.</u>	Action plan is being prepared.	<p>Noted</p>
<u>Agenda Item No.2.10:PROPOSAL FOR THE IEC CAMPAIGN AMONG SCHOOL STUDENTS - 'JALAMJEEVITHAM' A CAMPUS-TO-CAMPUS CAMPAIGN ON SANITATION AND PROTECTION OF WATER RESOURCES.</u>	Request to Government submitted on 14.2.2023. Government order has to be issued in this regard.	<p>Noted</p>
<u>Agenda Item No.2.11: Technical Sanction of STP/ FSTP projects under AMRUT 2.0</u>	Constitution of the technical expert committee is in progress.	<p>Noted</p>
<u>Agenda Item No.2.12: SELECTION OF PROJECT DEVELOPMENT AND MANAGEMENT CONSULTANTS (PDMC)-PROGRESS REVIEW</u>	The matter is under examination.	<p>Noted</p>
Additional Agenda Item No. 01: <u>REQUEST OF HON' MAYOR KOZHIKODE:</u> 1) <u>TO DROP TWO ONGOING SEWERAGE PROJECTS OF AMRUT 1.0 AND TAKE THEM UP IN AMRUT 2.0:&</u> 2) <u>PERMISSION TO HAVE THE APPROVED AMRUT 2.0 WATER SUPPLY SCHEME PROJECT IN AMRUT 1.0:</u>	Request to Government submitted on 16.2.2023. Government order has to be issued in this regard.	<p>Noted</p>

Agenda Item No.3: PROGRESS OF AMRUT 2.0

PROJECT PROGRESS

- ✓ The total outlay of AMRUT 2.0 for 93 Urban Local Bodies in Kerala is Rs.3495 Cr. with Central Assistance of Rs.1372 Cr. The 4th Apex committee meeting had approved the 1st Tranche of the State Water Action Plan (SWAP-1) for an amount of Rs.1938.52 Cr. (CAPEX - Rs.1842.658 Cr. & OPEX - Rs.95.86 Cr.).
- ✓ The 6th Apex committee held on 04.01.2023 approved the 2nd Tranche of the State Water Action Plan for an amount of Rs.683.082 Cr. (CAPEX – Rs.632.658 Cr. & OPEX – Rs.50.424 Cr., inclusive of Special Tranche for Water Body Rejuvenation).
- ✓ **The 6th Apex Committee held on 04.01.2023 approved the SWAP-2 proposal submitted and made the following observations:**
 - ❖ Apex Committee observed that State had proposed STP projects in their SWAP-2. However, it was also noted that State had to drop STP projects proposed in AMRUT 1.0 due to land issues.

The state acknowledged the hindrance faced earlier and confirmed that there would be no land issues for these STP projects taken up in AMRUT 2.0. **Apex Committee further asked the State to send clarification on the re-use of water from the proposed Cochin STP, the same has been submitted.**

- ❖ States may plan on proper re-use of treated wastewater from STPs by supplying to industries (factories, power plants, railways, etc.), construction activities, and other such revenue-generating avenues, wherever feasible, instead of discharging the entire treated water into riversstreams.
- ❖ All States whose SWAPs-1/2/3 and, or Special SWAPs have been approved till the 5th meeting of the Apex committee held on 27.10.2022 must strive to award contracts for all approved projects by March 2023.
- ❖ Smart elements may be invariably used in projects for monitoring to arrest revenue losses.

✓ Out of the 222 projects (Rs. 1842.658 Cr.) approved in the 1st tranche, AS was accorded for 151 projects (Rs. 1218.32 Cr.) and 23 SEW projects (Rs 104.63 Cr.).

✓ A proposal of 13 WS projects for Rs203.247 Cr., 2 SEW projects for Rs.238.755 Cr., and 96 Water Body Rejuvenation projects for Rs.21.065 Cr. are placed in this SHPSC for issuing Administrative sanction.

Sector	Total outlay	SWAP-1		SWAP-2		Total SWAP submitted		SWAP -3	DPR prepared-Tranche (1& 2)		AS accorded	
		No of projects	SWAP Amount (CAPEX-)	No of projects	SWAP Amount (CAPEX-)	No of projects	SWAP Amount (CAPEX-)		No. of projects	CAPEX cost (Cr.)	No. of projects	CAPEX cost (Cr.)
Water supply (Including floating in of 100 Cr.)	1813.400	199	1738.02	10	171.388	209	1909.408	540.152	164	1421.803	151	1218.321
Floating Incentive Fund from SEW (Cr.) for AMRUT cities	636.160											
Sewerage & Septage	902.160	23	104.63	3	385	26	489.63	412.530	25	328.6753	23	104.632
Rejuvenation of Water bodies and development of green spaces and parks projects.	143.340	0	0	255	76.27	255	76.27	78.55	96	21.065	0	0
TOTAL	3495.060	222	1842.650	268	632.658	490	2475.308	1030.690	285	1771.543	174	1322.953

DPR Preparation Status of SWAP- Tranche -1&2

City Name	Water Supply		Sewerage/ Septage Management		Micro Water Supply		Water Body Rejuvenation		City Wise Total	
	Total	Prepared	Total	Prepared	Total	Prepared	Total	Prepared	Total	Prepared
AMRUT 1 Cities										
Trivandrum	34	33	23	23			0	0	57	56
Kollam	10	10	1	1			20	19	31	30
Alappuzha	4	4	0	0			6	0	10	4
Kochi	26	24	1	1			0	0	27	25
Thrissur	7	2	0	0			8	0	15	2
Guruvayoor	1	0	0	0			1	1	2	1
Palakkad	1	1	0	0			12	0	13	1
Kozhikode	3	2	1	0			7	7	11	9
Kannur	1	2	0	0			4	0	5	1
AMRUT 2.0 Towns	90	86	0	0	29	1	197	69	318	156
Total	177	163	26	25	31	1	255	96	489	284

Sewerage & Septage Projects in 9 AMRUT Cities

- ✓ Thiruvananthapuram, Kollam, Kochi and Kozhikode submitted sewerage & septage project proposals amounting to Rs.489.63 Cr. and the same have been approved by MoHUA (Thiruvananthapuram – SWAP-I, Kollam, Kochi & Kozhikode – SWAP-2).
- ✓ The 4th SHPSC of AMRUT-2.0 held on 23.01.2023 approved the issuance of AS for the sewerage projects of Thiruvananthapuram. The sewerage project proposed in Kollam and Kochi has been placed in this SHPSC for issuance of AS.
- ✓ The DPR for Kozhikode is being modified by KWA.
- ✓ The 32nd SHPSC of AMRUT 1.0 held on 23.01.2023 approved the taking up of the sewerage project of Kozhikode Corporation proposed in AMRUT-1 namely, “Decentralized sewage treatment plant and associated sewerage network for Zone-A (Package-A: 7 MLD STP at Avikkalathodu & 48 Km sewer network & Package-B: 6 MLD STP at Kothi & 50 Km sewer network), under AMRUT-2.0.

The status of the remaining AMRUT cities is as follows:

Septage Treatment Plants:

- ✓ The CDD India had been entrusted to explore the need and feasibility for Faecal Sludge Management in AMRUT cities.
- ✓ The CDD made a rapid assessment of the existing sanitation situation in Thiruvananthapuram, Kochi, Thrissur, Kozhikode, Kannur Corporations, and Alappuzha Municipality and assessed the need for FSM.
- ✓ Pre-feasibility reports for the cities have been provided by the CDD and transmitted to the respective ULBs. Projects are in the conception stage.
- ✓ The Palakkad Municipality has the plan to take up the 100 KLD Septage Treatment Plant proposed at Yakkara, under AMRUT 1.0, in AMRUT 2.0.
- ✓ The 4th SHPSC of AMRUT 2.0 held on 23.01.2023 accorded sanction to engage CDD for conducting the feasibility study for Faecal Sludge Management in Kollam Corporation, Palakkad, and Guruvayur Municipalities (at no cost, only accommodation & vehicle for site visits to be provided) since IRTC has not made any progress in this regard. CDD has started the site visits for this purpose.
- ✓ Moreover, the facility for co-treatment of septage is included in the STP proposals that are submitted/ being prepared by KWA under AMRUT-2.0.

Sewage Treatment Plant:

Alappuzha:

Council approved the proposal for constructing 5 MLD STP (with septage co-treatment) in Alissery along with the associated sewer network of 10 Km (covering 2 wards). The DPR is being corrected by KWA.

Thrissur:

The DPR of the proposal for constructing a 5 MLD STP (with septage co-treatment) at Kottappuram along with the associated sewer network of 11 Km is to be submitted by KWA to the ULB.

The ULB's request to take up the project, Decentralized Sewerage Scheme (2.5 MLD STP at Kokkala& 27 Km network) for Thrissur Corporation (Rs.64.2 Cr.) proposed under AMRUT 1.0, under AMRUT 2.0 was approved by the 4th SHPSC of AMRUT 2.0 and 32nd SHPSC of AMRUT 1.0.

Kannur:

The approval of the Council is to be obtained for the proposal of KWA for constructing a 3 MLD STP (with septage co-treatment) at Maithanappally along with the associated sewer network of 36 Km.

Palakkad:

The proposal for constructing a 600 KLD STP at Kalpathy along with the associated sewer network of 4 Km (for Kalpathy Heritage Village) is to be finalized by the ULB. The land availability for the project is also to be confirmed by the ULB.

Guruvayur:

The approval of the Council is to be obtained for the proposal of KWA for augmenting the existing 3 MLD STP at Chakkamkandam to 5 MLD (with septage co-treatment) along with the associated network of 7 Km.

Strengthening of SMMU and CMMUs:

- ✓ Vide G.O.(Ms)No.11/2023/LSGD dated 13.01.2023, Government approved the Proposed Staff Structure and Remuneration of the State Mission Management Unit and City Management Units. The recruitment process for new posts has been initiated.
- ✓ The selection process for Deputy Mission Director (Water Supply) and Deputy Mission Director (Used Water) has been completed.

7th SLTC Meeting Decision:

- ❖ The Committee noted the Apex committee's decision to award contracts for all approved projects by March 2023 and therefore, directed ULBs to strive to award all the approved Water supply, Sewerage, and Water body projects by March 2023.
- ❖ All the ULBs were also strongly directed to submit the pending DPRs under approved tranches - SWAP-1 & 2 within 2 weeks.
- ❖ The Committee directed KWA to plan the reuse of treated wastewater from STPs while preparing the DPRs for STPs and to plan smart elements for water supply projects. Secretaries of 9 AMRUT cities and KWA were also directed to formulate the sewage/ septage projects and submit DPRs before 15th March 2023.

Decision:

- ❖ **The Committee took note of the AMRUT 2.0 progress and the 6th Apex Committee's decision and directed ULBs and KWA to strive to award all the approved Water supply, Sewerage, and Water body projects by March 2023.**
- ❖ **Taking a serious note on the lag in DPR submission for Water supply, Sewerage and Water body projects, the Committee directed the ULBs and KWA to expedite the DPR submission and to avoid any time overrun.**

- ❖ The Mission Director AMRUT informed that as part of the strengthening of SMMU and CMMUs of AMRUT, the selection process of DMD has been completed. The Committee approved the selection process and directed the concerned authority to appoint the selected candidates.
- ❖ The Committee noted with concern that there is inordinate delay in getting approval from Municipal Councils for the implementation of projects. Hence the Committee directed all ULBs to expedite the issuance of approvals.

Agenda Item No.4: ADMINISTRATIVE SANCTION FOR 13 WATER SUPPLY PROJECTS APPROVED UNDER 1ST AND 2ND TRANCHES OF SWAP:

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

As of now, detailed project reports for 161/209 Water Supply projects were received from various ULBs under tranches-1 & 2. The administrative sanction for 77 WS projects amounting to Rs.616.829 Cr. (CAPEX - Rs.588.616 Cr. & OPEX - Rs.28.213 Cr.) was accorded by the 3rd SHPSC and a Government order was also issued for the same. The proposals of 74 WS projects for Rs. 629.701 Cr. (CAPEX) were also approved by the 4th SHPSC.

Now, It is requested to issue the AS for 13 projects amounting to Rs.216.872 Cr. (CAPEX – Rs.203.247 Cr. & OPEX – Rs.13.6245 Cr.).

All the DPRs have been scrutinized by the KWA Headquarters, State & City Mission Management Units of AMRUT. **Only feasible projects with admissible components, undisputed land, and Operation & Maintenance for 5 years are recommended for approval.**

Major Components:

- Construction of a 7.5 MLD WTP in Malappuram.
- Construction of 5 New Storage tanks.
- Total New connections (FHTCs) – 45,338 Nos.
- Existing Connections served in – 54,832 Nos.
- Total households benefited – 1,00,170 Nos.

A minor excess in the allocated fund was observed in the Micro WS project proposal from Erattupetta (Rs.7.4 Lakhs). For AMRUT 2.0 towns, an amount of Rs.100 Cr. was earmarked as a floating fund for the Water Supply Sector. The additional fund requirement can be met from this fund.

The recommended list of projects for issuing administrative sanctions is as follows:

Sl No .	ULB	Name	Amount as Per DPR			Major Components as per DPR
			Capex (Cr.)	O&M (Cr.)	Total Cost	
1	Kottarakkara SWAP1 <i>Capex (Cr.) 2.00 O&M(Cr.) 0.02 Total cost 2.02</i>	AMRUT 2.0 -SWAP-1- -WSS To Kottarakkara Municipality - Construction Of 9 LL Capacity AtEyamkunnu	2	0.0200	2.0200	1. Construction of 9 LL OHSR 2. Existing Connection benefitted -1400 3. Construction of valve chamber

2	MALAPPURA M SWAP1 Capex (Cr.) 7.607 O&M(Cr.) 0.90 Total cost 8.507	AMRUT 2.0-SWAP-1- Improvements in MWSS to Malappuram Municipality- (Phase.I)-Construction of 7.50MLD Water Treatment Plant & 4.50LL-OHSR for Panakkad&Melmuri (Part) Villages	7.6	0.9007	8.5007	1) Construction of OH tank 4.5 LL at WTP Site near Inkel City 2) 7.5 MLD WTP -Rapid Gravity Sand Filter (Dual Media) Nr Inkel City 3) Existing connections served in-1644
3	KODUVALLY SWAP 2 Capex (Cr.) 14.38 O&M(Cr.) 0.8337 Total cost 15.2137 Cr	AMRUT-2.0-SWAP-2- WSS TO KODUVALLY MUNICIPALITY IN KOZHIKODE DISTRICT: - PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTION	14.38	0.8338	15.2138	1) New FHTC=3000 2) Existing connections served in -1253 3). Rider line - 3.5 KM (Taping point to Kandalamala sump) 4) Gravity line - 3.0 KM (Kandalamala sump to Kalaranthiri area) 5) New Distribution line - 10 km 6) Construction of 10LL GLSR 7) Road Restoration Charges-2.84Cr
4	Kodungalloor SWAP 2 Capex (Cr.) 14.184 O&M(Cr.) 1.40 Total cost 15.584 Cr	AMRUT 2.0- SWAP-2- KMWSS to Kodungallur Municipality- Providing FHTC to Urban Householders including Source Improvement works and Pipe Laying Work	14.77	1.0300	15.8000	1) New FHTC-4000 Nos. 2) New Distribution line-10 KM 3) Replacement of old AC pipe at various wards-8 KM 4) Road restoration charges-3.34 Cr.
5	Chavakkadu SWAP 1 Capex (Cr.) 11.071 O&M(Cr.) 1 Total cost 12.071Cr	AMRUT 2.0- SWAP-1-Chavakkad Municipality- Supplying & laying of distribution network and providing FHTCs	10.89	1.1800	12.0700	1) FHTCs- 5000 Nos. 2) New Distribution network-7 KM 3) 3) Road restoration charges-2.07 Cr.
6	Kattappana SWAP 2 Capex (Cr.) 14.4 O&M(Cr.) 2 Total cost 16.4Cr	AMRUT 2.0- SWAP-2- UWSS TO KATTAPPANA MUNICIPALITY - PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO HOUSEHOLDS	13.39	2.0000	15.3900	1) Pipe line extension, replace and repair of the distribution pipe lines- 24. KM 2) New FHTCs -3270 3) Existing connections served in -287 4) Road restoration charges-1.93 Cr.
7	Kunnamkulam SWAP 1 Capex (Cr.) 14.565	AMRUT 2.0- SWAP-1- Providing Storage, Distribution Network, Transmission network,	14.565	0.1500	14.7150	1) Construction of 10 LL OHSR at Kurukkanpara. 2)Providing distribution network -13.23

	O&M(Cr.) 1.50 Total cost 16.065Cr	other allied works including FHTCs in Kunnamkulam Municipality				3) FHTCs- 3100 Nos. 4) Length of Pumping main- 1.65 KM 5) Road restoration- 3.2 Cr.
8	Ponnani SWAP 2 Capex (Cr.) 21.105 O&M(Cr.) 2.1 Total cost 23.205Cr	AMRUT-2.0- SWAP-2- Supplying -Laying- Testing and Commissioning of Distribution system and providing FHTCs in Ponnani Municipality Phase-1	21.105	1.0500	22.1550	1) New FHTCs- 5000 2) Existing connections served in -3500 3) Laying of new distribution lines of pipes of DI 250mm & PVC 90mm,160mm from the 32LL OHSR at Trikavu to costal areas - Apprx.34.5 KM
9	Wadakkancherry SWAP 1 Capex (Cr.) 4.0 O&M(Cr.) 0.40 Total cost 4.40Cr	AMRUT 2.0-SWAP-1- WADAKKANCHERRY MUNICIPALITY- AUGMENTATION OF EXISTING WSS- REPLACING 250MM,150MM,100 MM,80 AC PIPES WITH 250MM DI, 160MM, 110MM, 90MM PVC PIPES	4.15	0.2500	4.4000	1) New FHTCs-440 2) Existing connections served in -1406 3) Replacing pipelines- 6.610 KM 4) Transmission network -3.5 KM
10	Erattupetta SWAP 2 Capex (Cr.) 8.88 O&M(Cr.) 0.44 Total cost 9.32 Cr	AMRUT 2.0- SWAP 2- CONSTRUCTION OF BOREWELL AND IMPLEMENTATION OF MINI WATER SUPPLY SCHEME AT ERATTUPETTA MUNICIPALITY	8.95	0.3700	9.3200	1) BOREWELLS-71 Nos 2) Pumping Main-22 KM. 3)PUMP HOUSE, 4) 5000 L PVC TANK AND STRUCTURE-71 Nos 5) New FHTCs-2528 Nos
11	Kochi SWAP 2 Capex (Cr.) 11.07 O&M(Cr.) 0.43 Total cost 11.50 Cr	AMRUT 2.0- SWAP-2- Replacing old and damaged 700mm primo pipe (pumping main to Karuvelippady pump house) by 700mm DI K9 pipe from Perumanoor pump house to Thevara	10.317	0.19	10.5070	1) Existing connections served in -40000 2) Replacing old and damaged lines- 2.32 km 3) Road restoration charges- Rs. 2.7 Cr.
12	Kannur SWAP 2 Capex (Cr.) 70 O&M(Cr.) 5.25 Total cost 75.25 Cr	AMRUT 2.0- SWAP-2-PIPE LINE EXTENSION, PROVIDING WATER CONNECTIONS IN VARIOUS ZONES OF KANNUR CORPORATION	69.99	5.25	75.2400	1) New FHTCs-16500 Nos. 2) New pipe lines- 142.495 KM 3) Replacement of pipe lines- 21.425 KM 4) Road restoration charges- Rs. 14.72 Cr.

13	Kasargod SWAP 2 Capex (Cr.) 11.14 O&M(Cr.) 0.11 Total cost 11.25 Cr	AMRUT- - SWAP-2- KASARAGOD MUNICIPALITY- AMRUT 2.0- 2022- 23- LAYING DISTRIBUTION SYSTEM AND PROVIDING FHTCS IN KASARAGOD MUNICIPALITY	11.14	0.4	11.5400	1) New FHTCs-2500 Nos. 2) Existing connections served in -5342 Nos 3) New pipe lines- 29.17 KM 4) Road restoration charges- Rs. 1.46 Cr.
	TOTAL		203.24 7	13.6245	216.8715	

7th SLTC Meeting Decision:

- ❖ The committee recommended to place all 13 Water supply projects amounting to Rs.216.872 Cr. (CAPEX - Rs.203.247 Cr. & OPEX – Rs.13.625 Cr.) before the SHPSC for issuing Administrative sanction subject to the following conditions;
 - Approval of projects from Kottarakkara and Koduvally Municipalities would be subject to the confirmation of the availability of the land for the construction of OHSRs within a week.
 - Approval of the Micro water supply scheme from Erattupetta Municipality would be subject to the scientific assessment by Groundwater dpt., KWA, and ULB jointly.
 - Approval of the project from Kochi Corporation would be subject to the joint site visit report from KWA, ULB, and the GAIL team.
- ❖ KWA was directed to issue the TS after ensuring technical viability, adequate source of water, justified provisions & rates, necessary clearances, 5-year Operation & Maintenance, and only admissible components are included as per AMRUT guidelines.
- ❖ KWA was directed to ensure the non-inclusion of Operation & Maintenance costs, Supervision charges, and Value of land/ structures required for the project development under Central Assistance. If the said components are inevitable, the cost for the same may be met from the State/ ULB/KWA fund.
- ❖ The over and above the approved amount shall be borne by the ULBs.

Action Taken on SLTC Decision:

- ❖ **Kottarakkara Municipality:**
Vide letter No.G4/12948/2022 dated 16.2.2023, Secretary, Kottarakkara Municipality. confirmed that land would be handed over to KWA before 31st March 2023.
- ❖ **Koduvally Municipality:**
Secretary Koduvally informed vide letter No. G1/18110/21 dated 23.2.2022 that the land has been identified and valuation is under progress.
- ❖ **Erattupetta Municipality:**
GWD submitted that Most of the borewells drilled in Erattupetta Municipality are highly productive and are being used in MWSS for more than 20 years.Hence, by considering the previous borewell data and findings of the Geologist,GWD has recommended the implementation of MWSS under AMRUT 2.0. AE KWA submitted that the existing KWA scheme is 40 years old. Now, under JJM AS has been issued for the Malankara project. In this project water for Erattupetta Municipality will be brought to a tank near the Municipality through gravity lines.For distributing this water to the water scarcity areas in the Municipality, **around 60 Cr. would be required under AMRUT 2.0.**
- ❖ **Kochi Corporation**
ULB contacted GAIL, BPCL and IOC. Only IOC has the petroleum line in MG road, which is crossing MG road at Atlantis junction. On 28/02/2023 there was a joint inspection between IOC,

KWA, KMC and CMMU. The Technical Manager IOC said that they have no objection in KWA works and requested to keep an offset of 30 cm from the petroleum line while laying the pipe.

Decision:

- ❖ The committee accorded Administrative sanction to the 11 Water supply projects amounting to Rs.192.337 Cr. (CAPEX - Rs.179.917 Cr. & OPEX – Rs.12.421 Cr.) except the proposal from the Erattupetta and Koduvally Municipalities. (List of approved projects enclosed as Annexure-2)
- ❖ The Committee observed that the project proposed for the Erattupetta Municipality is a Micro Water Supply Scheme with bore wells as sources. The Committee directed the Erattupetta Municipality to revise the project proposal replacing the borewell sources with other surface water sources.
- ❖ The Committee also directed the WRD department to check the possibility of providing other water sources for Erattupetta Municipality.
- ❖ The Committee observed that the land acquisition proceedings for the construction of OHSR in Koduvally Municipality has been started. The approval of project was set aside for want of completion of land acquisition proceedings.
- ❖ KWA and ULBs were directed to issue the TS after ensuring technical viability, adequate source of water, justified provisions & rates, necessary clearances, 5-year Operation & Maintenance, and only admissible components are included as per AMRUT guidelines.
- ❖ KWA was directed to ensure the non-inclusion of Operation & Maintenance costs, Supervision charges, and Value of land/ structures required for the project development under Central Assistance. If the said components are inevitable, the cost for the same may be met from the State/ ULB/KWA fund.
- ❖ The over and above the approved amount shall be borne by the ULBs.

Agenda Item No.5: ADMINISTRATIVE SANCTION FOR THE SEWERAGE PROJECT OF KOLLAM AND KOCHI CORPORATIONS (SWAP-2):

The 6th Apex Committee meeting under the AMRUT 2.0 held on 04.01.2023 approved tranche 2 of the State Water Action Plan (SWAP-2) comprising of 10 Water Supply projects of 9 ULBs, 3 Sewerage projects of 3 ULBs (Kollam, Kochi and Kozhikode Corporations) and 255 Water Body Rejuvenation projects of 67 ULBs.

KWA had submitted the Detailed Project Reports (DPRs) for the project proposed in Kollam Corporation for an amount of Rs.45.436 Cr. (CAPEX – Rs.39.043 Cr. & OPEX – Rs.6.393 Cr.) and in Kochi Corporation for an amount of Rs.193.319 Cr. (CAPEX – Rs.185.00 Cr. & OPEX – Rs.8.319 Cr.). The DPRs have been scrutinized by the KWA Headquarters. Only feasible projects with undisputed land and with Operation & Maintenance for 5 years are recommended for approval. Hence, it is requested to issue the AS for the Sewerage project of Kollam Corporation amounting to Rs.45.436 Cr. (CAPEX – Rs.39.043 Cr. & OPEX – Rs.6.393 Cr.) and of Kochi Corporation for an amount of Rs.193.319 Cr. (CAPEX – Rs.185.00 Cr. & OPEX – Rs.8.319 Cr.). The details of the project are as follows:

Sl. No.	ULB	Name of the Project	PROJECT COST			Major Components
			CAPEX (Cr.) A	O&M (Cr.) B	Total Cost (Cr.)	

1	Kollam Approved SWAP: CAPEX – 40.00 Cr. O&M – 5.40 Cr. Total – 45.40 Cr.	AMRUT 2.0-SWAP-2- Rehabilitation of existing sewerage system and extension of the sewerage system for zone A1 Part II and commissioning of Pallithottam and Thamarakulam pumping stations balance works	39.043	6.393	45.436	<ul style="list-style-type: none"> • Sewer Network: 6.52 Km • Manholes • New Connections: 3329 nos. • Balance works of 2 pumping stations • Road restoration works
2	Kochi Approved SWAP: CAPEX – 185.00 Cr. O&M – 8.319Cr. Total – 193.319 Cr.	AMRUT 2.0-SWAP-2- Comprehensive sewerage system in Kochi Corporation - Construction of 5 MLD STP, network and allied components at Elamkulam	185.000	8.319	193.319	<ul style="list-style-type: none"> • New Connections: 10476 nos. • Households covered through septage co-treatment: 22125 nos. • Sewer Network: 39.63 Km • Septage Co-treatment: 24 KLD • Pumping Stations: 2 • Manholes • Road restoration works
TOTAL			224.045	14.712	238.755	

7th SLTC Meeting Decision:

The committee recommended to place the following to the SHPSC:

- ❖ Issuance of Administrative Sanction for the sewerage project proposed in Kollam Corporation, amounting to Rs.45.436 Cr. (CAPEX – Rs.39.043 Cr. & OPEX – Rs.6.393 Cr.).
- ❖ Issuance of Administrative Sanction for the sewerage project proposed in Kochi Corporation for an amount of Rs.193.319 Cr. (CAPEX – Rs.185.00 Cr. & OPEX – Rs.8.319 Cr.).
- ❖ The over and above the SWAP amount shall be borne by the ULBs.
- ❖ KWA was directed to issue the TS after ensuring technical viability, justified provisions & rates, necessary clearances, provision for reuse of effluent from STPs, 5-year Operation & Maintenance, and only admissible components are included as per AMRUT guidelines.
- ❖ KWA was directed to ensure the non-inclusion of operation & maintenance costs, supervision charges, and value of land/ structures required for the project development under Central Assistance. If the said components are inevitable, the cost for the same may be met from the State/ ULB/ KWA fund.

Decision:

- ❖ The committee accorded Administrative Sanction for the sewerage project proposed in Kollam Corporation, amounting to Rs.45.436 Cr. (CAPEX – Rs.39.043 Cr. & OPEX – Rs.6.393 Cr.) and for the sewerage project proposed in Kochi Corporation for an amount of Rs.193.319 Cr. (CAPEX – Rs.185.00 Cr. & OPEX – Rs.8.319 Cr.).
- ❖ The over and above the SWAP amount shall be borne by the ULBs.
- ❖ KWA was directed to issue the TS after ensuring technical viability, justified provisions & rates, necessary clearances, provision for reuse of effluent from STPs, 5-year Operation & Maintenance, and only admissible components are included as per AMRUT guidelines.
- ❖ KWA was also directed to ensure the non-inclusion of operation & maintenance costs, supervision charges, and value of land/ structures required for the project development under Central Assistance. If the said components are inevitable, the cost for the same may be met from the State/ ULB/ KWA fund.

Agenda Item No.6: ADMINISTRATIVE SANCTION OF REJUVENATION OF WATERBODY PROJECTS APPROVED UNDER SWAP-2:

The 4th Apex committee meeting had approved the 1st Tranche of the State Water Action Plan (SWAP-1) for an amount of Rs.1938.52 Cr. (CAPEX - Rs.1842.658 Cr. & OPEX - Rs.95.86 Cr.). The 6th Apex committee held on 04.01.2023 approved the 2nd Tranche of the State Water Action Plan for an amount of Rs.683.082 Cr. (CAPEX – Rs.632.658 Cr. & OPEX – Rs.50.424 Cr.). This is inclusive of 255 Water Body Rejuvenation projects worth Rs.82.354 Cr. 18 ULBs submitted proposals for 96 Rejuvenation of Water Body projects amounting to Rs.22.654 Cr. (CAPEX – Rs.21.065 Cr. & OPEX - Rs.1.589 Cr.)

The recommended list of projects for issuing Administrative Sanctions is as follows:

Sl No.	ULB	Name	Amount as Per DPR			Major Components as per DPR
			Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	
1	ADOOR Approved SWAP Capex (Cr.)=0.3 O&M (Cr.)=0.03 Total Cost (Cr.)=0.33	AMRUT2.0 Rejuvenation of Ayyappan parakulam in Ward 23	0.318	0.03	0.348	1)Earth work in excavation by mechanical (Hydraulic excavator) 2)Dry rubble masonry with hard stone PVC WEEP HOLES- 3)DR PACKING FOR APRONS 4)Random rubble masonry with hard stone 5)Providing and laying in position specified 6)Centering and shuttering including strutting 7)Handrail 8)Interlocking pavement
2	ADOOR Approved SWAP Capex (Cr.)=0.3 O&M (Cr.)=0.03 Total Cost (Cr.)=0.33	AMRUT2.0-Rejuvenation of Karuvatta pond in ward 27	0.3200	0.03	0.3500	1)Earth work in excavation by mechanical (Hydraulic excavator) 2)Dry rubble masonry with hard stone PVC WEEP HOLES- 3)DR PACKING FOR APRONS 4)Random rubble masonry with hard stone 5)Providing and fixing G.I. chain link fabric fencing Pointing on stone work with cement mortar 6)Cement concrete 1:2:4 for existing road maintenance 7)interlocking paver 8) Providing and fixing bio fencing and landscape of the park
3	ADOOR Approved SWAP Capex (Cr.)=0.3 O&M (Cr.)=0.03 Total Cost (Cr.)=0.33	AMRUT2.0 Rejuvenation of Mulloorkulangara pond in ward 14	0.330	0.03	0.360	1)Removing polapayal 2)Excavation work by excavator)mechanical (Hydraulic/ manual means in foundation trenches Dry rubble masonry 3)Random rubble masonry with hard stone 4)Providing and laying reinforced 5)Steel reinforcement for R.C.C work grade Fe- 6)Providing &fixing GI 5.5 mm wire gauze
4	ADOOR Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.01 Total Cost (Cr.)=0.11	AMRUT2.0-Rejuvenation of Valiyakulam in ward 10	0.110	0.01	0.120	1)Removing polapayal from the Pond 2)Pumping or Bailing out water for foundation Earth work in excavation by mechanical means

						(Hydraulic excavator) 3)Dry rubble masonry with hard stone 4)- Providing weep holes in DR masonry 5)Providing and fixing hand rail
5	ANGAMALY Approved SWAP Capex (Cr.)=0.877 O&M (Cr.)=0.05 Total Cost (Cr.)=0.927	AMRUT 2.O-Rejuvenation of Ambalakkulam in ward 30 of Angamaly Municipality	0.877	0.05	0.927	1.Earthwork 2. Desilting, 3. Bailing out 4. DR masonry with intermediate concrete belt 5. Parapet wall with handrail 6.Paving the sides of pond and landscaping 7.Electrification
6	GURUVAYUR Approved SWAP Capex (Cr.)=2.385 O&M (Cr.)=0.265 Total Cost (Cr.)=2.65	AMRUT 2.0 Rejuvenation of NjaramKulam of ward 32	2.385	0.265	2.650	1)Bailing out water Using 5HP Pump 2)Earth work in excavation by mechanical means 3)DRY RUBBLE MASONRY
7	KOLLAM Approved SWAP Capex (Cr.)=0.082497 O&M (Cr.)=0.004125 Total Cost (Cr.)=0.086622	AMRUT 2.0 REJUVENATION OF KOCHU KULAM in DIVISION – 24 COLLEGE DIVISION”	0.019	0.0009 3	0.020	Bailing out, Step tiles.
8	KOLLAM Approved SWAP Capex (Cr.)=0.309823 O&M (Cr.)=0.015491 Total Cost (Cr.)=0.325314	AMRUT 2.0 REJUVENATION OF MADATHIL KULAM – DIVISION – 24 COLLEGE DIVISION”	0.25100	0.0125	0.26350	Bailing out, Excavation, Fencing pole concrete, Fencing, Step tiles.
9	KOLLAM Approved SWAP Capex (Cr.)=0.152289 O&M (Cr.)=0.007614 Total Cost (Cr.)=0.159903	AMRUT 2.0 REJUVENATION OF MADATHIL KULAM – DIVISION – 06 KUREEPUZHA WEST”	0.092	0.0046 1	0.097	Bailing out, Desilting, Providing and fixing GI pipe, Fencing, Step tiles.
10	KOLLAM Approved SWAP Capex (Cr.)=0.100229 O&M (Cr.)=0.005011 Total Cost (Cr.)=0.10524	“AMRUT 2.0 REJUVENATION OF MOOLOTU KULAM – DIVISION – 31 PUNTHALATHAZHAM”	0.041	0.0021	0.043	Bailing out, Fencing, Fencing pole painting.
11	KOLLAM Approved SWAP Capex (Cr.)=0.357882 O&M (Cr.)=0.017894 Total Cost (Cr.)=0.375776	AMRUT 2.0 REJUVENATION OF PUTHUVEETIL KULAM – DIVISION – 09 ANCHALUMMOODU”	0.299	0.0149	0.314	Bailing out, Excavation, DR packing ,rubble masonry, Fencing.
12	KOLLAM Approved SWAP Capex (Cr.)=0.907952 O&M	AMRUT 2.0 REJUVENATION OF KOTTARALULAM AT KACHERI JN IN DIV 49	0.921	0.046	0.967	Bailing out, DISMANTLING DR, Excavation, DR packing PCC, ,rubble masonry, DR Departmental Stone, Chain link,

	(Cr.)=0.045398 Total Cost (Cr.)=0.95335					Handrail, Backfilling, Precast slabs, Side wall raising.
13	KOLLAM Approved SWAP Capex (Cr.)=0.096301 O&M (Cr.)=0.004815 Total Cost (Cr.)=0.101116	AMRUT 2.0 REJUVENATION OF PULLIYIL KULAM – DIVISION – 55 KANNIMEL”	0.087	0.0043	0.091	Bailing out, DISMANTLING DR, Excavation, DR packing PCC, ,rubble masonry, DR Departmental Stone, Chain link, Handrail, Backfilling, Precast slabs, Side wall raising.
14	KOLLAM Approved SWAP Capex (Cr.)=0.08291 O&M (Cr.)=0.004145 Total Cost (Cr.)=0.087055	AMRUT 2.0 REJUVENATION OF KANNANKUALM in DIVISION – 54 ALATTUKAVU”	0.083	0.0041	0.087	Bailing out, Fixing of GI pipe post ,Chain link
15	KOLLAM Approved SWAP Capex (Cr.)=0.088385 O&M (Cr.)=0.004419 Total Cost (Cr.)=0.092804	AMRUT 2.0 “REJUVENATION OF KALLUKULAM in DIVISION 51 - THANGASSERY”	0.085	0.0042	0.089	Bailing out, Excavation, DR packing ,rubble masonry, Fencing.
16	KOLLAM Approved SWAP Capex (Cr.)=0.112142 O&M (Cr.)=0.005607 Total Cost (Cr.)=0.117749	AMRUT 2.0 REJUVENATION OF CHIMARAKULAM – DIVISION 51 - THANGASSERY	0.112	0.0056	0.118	Bailing out, Excavation, DR packing ,rubble masonry, Fencing.
17	KOLLAM Approved SWAP Capex (Cr.)=0.036781 O&M (Cr.)=0.001839 Total Cost (Cr.)=0.03862	AMRUT 2.0 REJUVENATION OF PANIKKARUKULAM – DIVISION – 33 – MANAKKADU”	0.037	0.0018	0.039	Bailing out, Excavation, DR packing ,rubble masonry, Fencing.
18	KOLLAM Approved SWAP Capex (Cr.)=0.040069 O&M (Cr.)=0.002003 Total Cost (Cr.)=0.042072	AMRUT 2.0 REJUVENATION OF MUNNANIKULAM – DIVISION – 29 – AYATHIL”	0.057	0.0028	0.060	Bailing out, Excavation, DR packing ,rubble masonry, Fencing.
19	KOLLAM Approved SWAP Capex (Cr.)=0.029706 O&M (Cr.)=0.001485 Total Cost (Cr.)=0.031191	AMRUT 2.0 REJUVENATION OF PANCHAYATH KULAM – DIVISION – 28 – PALLIMUKKU”	0.030	0.0014	0.031	Bailing out, Excavation, DR packing ,rubble masonry, Fencing.
20	KOLLAM Approved SWAP Capex (Cr.)=0.041939 O&M (Cr.)=0.002097	AMRUT 2.0 REJUVENATION OF KUNNADI KULAM in DIVISION –10 KADAVOOR”	0.041	0.002	0.043	Bailing out, Excavation, DR packing ,rubble masonry, Fencing.

	Total Cost (Cr.)=0.044036					
21	KOLLAM Approved SWAP Capex (Cr.)=0.06354 O&M (Cr.)=0.003177 Total Cost (Cr.)=0.066717	AMRUT 2.0 REJUVENATION OF OLAYIL POND – DIVISION 12 - THEVALLY”	0.064	0.0031	0.067	Bailing out, Excavation, DR packing ,rubble masonry, Fencing, Fixing of GI mesh
22	KOLLAM Approved SWAP Capex (Cr.)=0.452828 O&M (Cr.)=0.022641 Total Cost (Cr.)=0.475469	AMRUT 2.0 REJUVENATION OF CHIRAKKARA POND in DIVISION – 11 - MATHILIL”	0.453	0.0226	0.476	Bailing out, Excavation, DR packing ,rubble masonry, Fencing, Fixing of GI mesh
23	KOLLAM Approved SWAP Capex (Cr.)=0.059349 O&M (Cr.)=0.002967 Total Cost (Cr.)=0.062316	AMRUT 2.0 REJUVENATION OF CHALIL KULAM AT NEERAVIL IN DIV 08	0.063	0.0031	0.066	Bailing out, Excavation, DR packing ,rubble masonry, Fencing, Fixing of GI mesh
24	KOLLAM Approved SWAP Capex (Cr.)=0.06683 O&M (Cr.)=0.003341 Total Cost (Cr.)=0.070171	AMRUT 2.0 REJUVENATION OF MAMOOTTIL KADAVU POND – DIVISION – 06 – KUREEPUZHA EAST”	0.066	0.0032	0.069	Bailing out, Excavation, DR packing ,rubble masonry, Fencing, Fixing of GI mesh
25	KOLLAM Approved SWAP Capex (Cr.)=0.076366 O&M (Cr.)=0.003818 Total Cost (Cr.)=0.080184	AMRUT 2.0 REJUVENATION OF EDAMANAKAVU POND in DIVISION – 3 MEENATHUCHERI”	0.071	0.0035	0.075	Bailing out, Excavation, DR packing ,rubble masonry, Fencing, Fixing of GI mesh
26	KOTTarakara Approved SWAP Capex (Cr.)=0.049 O&M (Cr.)=0.001 Total Cost (Cr.)=0.05	AMRUT2.0 REJUVENATION OF GANAPATHY TEMPLE POND - WARD 25 GANAPATHY TEMPLE POND. WARD 25	0.050	0.001	0.051	Bailing out
27	KOTTarakara Approved SWAP Capex (Cr.)=0.04 O&M (Cr.)=0.01 Total Cost (Cr.)=0.05	AMRUT2.0- REJUVINATION OF- THRIKKANNAMANGAT TEMPLE POND . WARD 14	0.050	0.001	0.051	Bailing out
28	KOTTarakara Approved SWAP Capex (Cr.)=0.049 O&M (Cr.)=0.001 Total Cost (Cr.)=0.05	AMRUT2.0"REJUVENAT ION OF- NEELESWARAM LIBRA RY POND - WARD 21	0.050	0.001	0.051	Bailing out
29	KOTTarakara Approved SWAP Capex (Cr.)=0.049 O&M (Cr.)=0.001 Total Cost (Cr.)=0.05	AMRUT2.0 REJUVENATION OF VALIYA VEETTIL POND -WARD 18,, KOTTarakara MUNICIPALITY	0.050	0.001	0.051	Bailing out
30	KOTTarakara Approved SWAP Capex (Cr.)=0.049	AMRUT2.0 REJUVINATION OF-	0.050	0.001	0.051	Bailing out

	O&M (Cr.)=0.001 Total Cost (Cr.)=0.05	VILLAMKONATH POND.WARD 11				
31	KOTTARAKARA Approved SWAP Capex (Cr.)=0.049 O&M (Cr.)=0.001 Total Cost (Cr.)=0.05	AMRUT2.0REIUVINATI ON OF- PADINJATTINKARA TEMPTE POND . WARD 25	0.050	0.001	0.051	Bailing out
32	KOTTARAKARA Approved SWAP Capex (Cr.)=0.069 O&M (Cr.)=0.001 Total Cost (Cr.)=0.07	AMRUT2.0 KOTTARAKARA MUNICIPALITY- AMBALAPURAM TEMPLE POND -WARD 18	0.071	0	0.071	Bailing out
33	KOZHIKODE Approved SWAP Capex (Cr.)=0.23 O&M (Cr.)=0.023 Total Cost (Cr.)=0.253	AMRUT2.0 Rejuvenation of ValiyaParambukulam	0.230	0.023	0.253	1.Silt removal 2.Excavation of foundation 3.Bailing out 4.Dryrubble mascnory-sidewall construction, compound wallet
34	KOZHIKODE Approved SWAP Capex (Cr.)=0.25 O&M (Cr.)=0.025 Total Cost (Cr.)=0.275	AMRUT2.0 Rejuvenation of Areekkulam	0.250	0.025	0.275	1.The estimate includes construction of retaining wall using RCC. 2.jogging track with interlocking, kerb and handrail
35	KOZHIKODE Approved SWAP Capex (Cr.)=0.12 O&M (Cr.)=0.012 Total Cost (Cr.)=0.132	AMRUT2.0 Rejuvenation Neelichira	0.120	0.012	0.132	1.compound wall construction 2. silt removal are included in the estimate.
36	KOZHIKODE Approved SWAP Capex (Cr.)=0.3 O&M (Cr.)=0.03 Total Cost (Cr.)=0.33	AMRUT2.0 Rejuvenation of MundakanKulam three	0.300	0.03	0.330	1.compound wall construction 2. silt removal are included in the estimate.
37	KOZHIKODE Approved SWAP Capex (Cr.)=1 O&M (Cr.)=0.1 Total Cost (Cr.)=1.1	AMRUT2.0 Rejuvenation of MundakanKulam one	1.000	0.1	1.100	1.Dry rubble masonry -952Cum 2.Pumping and bailing out slush 3.Centering and shuttering lintels, beams etc.RCC works
38	KOZHIKODE Approved SWAP Capex (Cr.)=0.13 O&M (Cr.)=0.013 Total Cost (Cr.)=0.143	AMRUT2.0 Rejuvenation of PavangadThamarakulam	0.130	0.013	0.143	silt removal, Bathroom construction,
39	KOZHIKODE Approved SWAP Capex (Cr.)=0.175 O&M (Cr.)=0.0175 Total Cost (Cr.)=0.1925	AMRUT2.0 Rejuvenation of Elathur Panchayath Kulam	0.175	0.0175	0.193	1.compound wall construction 2.silt removal is included in the estimate.
40	NEELESWARAM Approved SWAP Capex (Cr.)=0.25 O&M (Cr.)=0 Total Cost (Cr.)=0.25	Amrut 2.0 - Rejuvenation of Palayi Pond	0.250	0	0.250	1. CC 1:3:6 for foundation bed, 2. RCCI 1:1.5:3 using 20mm broken stone for belt beam, laterite masonry in cm 1:6 for foundation
41	NEELESWARAM Approved SWAP Capex (Cr.)=0.3 O&M (Cr.)=0.01 Total Cost (Cr.)=0.31	AMRUT 2.0- - REJUVANATION OF MANNAMPURAM POND IN NILESHWARAM MUNICIPALITY	0.300	0.01	0.310	1. CC 1:3:6 for foundation bed 2. RCC 1:15:3 using 20mm broken stone for belt beam, laterite masonry in cm 1.6 for foundation and basement for

						steps, bailing out water, etc are provided.
42	NEELESWARAM Approved SWAP Capex (Cr.)=0.25 O&M (Cr.)=0 Total Cost (Cr.)=0.25	AMRUT 2.0 - REJUVENATION OF NARAMKULANGARA POND IN NILESHWARAM MUNICIPALITY	0.250	0	0.250	1.CC 1:3:6 for foundation bed. 2.RCC 1:1.53 using 20mm broken stone for belt beam, laterite masonry in cm 1:6 for foundation and basement for steps, bailing out water, etc.
43	MALAPPURAM Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.01 Total Cost (Cr.)=0.11	AMRUT2.0 Rejuvenation of Thamarakuzhi- Aalumkund Stream in Malappuram Municipality ward 14	0.100	0.01	0.110	1.Pond Work
44	MALAPPURAM Approved SWAP Capex (Cr.)=0.3 O&M (Cr.)=0.03 Total Cost (Cr.)=0.33	AMRUT 2.0 Rejuvenation of Kolampara Rock Pond in Malappuram Municipality in ward 09	0.300	0.03	0.330	1.Providing and laying in position specified grade of reinforced cement concrete, 2.Steel reinforcement for R.C.C work 3.Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes,
45	MALAPPURAM Approved SWAP Capex (Cr.)=0.35 O&M (Cr.)=0.035 Total Cost (Cr.)=0.385	AMRUT 2.0 Rejuvenation of MannoorShivakshethra Temple Pond in Malappuram Municipality ward 18	0.350	0.035	0.385	1., DR steps with concrete lining , 2.Excavation of debris from the pond,
46	MALAPPURAM Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.01 Total Cost (Cr.)=0.11	amrut2.0Rejuvenation of Korangod Chola in Malappuram Municipality in ward 18	0.100	0.01	0.110	1.top belt is proposed over existing DR wall 2.Stainless steel work , 3 m wide steps using DR and C C wall, For keeping the water level, CC wall is very essential etc
47	MALAPPURAM Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.01 Total Cost (Cr.)=0.11	AMRUT 2.0 Rejuvenation of Adhikarathodi Temple Pond in Malappuram Municipality in ward 28	0.100	0.01	0.110	1.Dry rubble masonry in 2.75 m height proposed in all side of the pond with 2.suitable Top and Middle belt. Handrail for users, Concrete for existing steps , 3.Construction of Cement concrete wall etc is also included In this DPR.For keeping the water level, CC wall is very essential.
48	MUKKAM Approved SWAP Capex (Cr.)=0.009 O&M (Cr.)=0.001 Total Cost (Cr.)=0.01	Amrut 2.0 - Rejuvenation of Thazhekottummal Pond Division 12- Mukkam Municipality	0.009	0.001	0.010	Silt removal, Cleaning
49	MUKKAM Approved SWAP Capex (Cr.)=0.01 O&M (Cr.)=0.001 Total Cost (Cr.)=0.011	Amrut 2.0 - Rejuvenation of PayyoliKudivellapadathikulam Division 4	0.010	0.001	0.011	Pumping or bailing out water, desilting of pond, DR masonry for side wall, top belt for DR masonry, 12mm thick cement plaster, net for pond
50	MUKKAM Approved SWAP Capex (Cr.)=0.01 O&M (Cr.)=0.001 Total Cost (Cr.)=0.011	Amrut 2.0 - Rejuvenation of Aayipatta Pond Division 21	0.010	0.001	0.011	Pumping or bailing out water, clearing grass and vegetations, cleaning, desilting of pond, solid block masonry for side wall,12mm thick cement plaster.
51	MUKKAM Approved SWAP Capex (Cr.)=0.01	Amrut 2.0 - Rejuvenation of KilikottuChalil Pond Division 30	0.010	0.001	0.011	Pumping or bailing out water, desilting of pond,12mm thick

	O&M (Cr.)=0.001 Total Cost (Cr.)=0.011					cement plaster, tuflex net for pond.
52	MUKKAM Approved SWAP Capex (Cr.)=0.016 O&M (Cr.)=0.0016 Total Cost (Cr.)=0.0176	Amrut 2.0 - Rejuvenation of Aasarimakkal Pond Division 27	0.016	0.0016	0.018	Pumping or bailing out water, cleaning and desilting of pond, DR masonry and top belt net etc.
53	MUKKAM Approved SWAP Capex (Cr.)=0.01 O&M (Cr.)=0.001 Total Cost (Cr.)=0.011	Amrut 2.0 - Rejuvenation of Ayanikunnummal Pond Division 5	0.010	0.001	0.011	Pumping or bailing out , desilting of pond,12mm thick cement plaster, tuflex net for pond."
54	MUKKAM Approved SWAP Capex (Cr.)=0.01 O&M (Cr.)=0.001 Total Cost (Cr.)=0.011	Amrut 2.0 - Rejuvenation of Cholakuzhi Pond Division 17	0.010	0.001	0.011	Pumping or bailing out water, desilting of pond, DR masonry for side wall, top belt
55	MUKKAM Approved SWAP Capex (Cr.)=0.015 O&M (Cr.)=0.0015 Total Cost (Cr.)=0.0165	Amrut 2.0 - Rejuvenation of NedukandamPaittoolichalPothuKulam Division 32	0.015	0.0015	0.017	Pumping or Bailing out water and removing slush etc by using pump set, removal of rubbish up to a distance of 50 m outside the periphery of the area cleared, Silt Removal ,cleaning, DRY RUBBLE MASONRY -7.56m ³ , 12mm thick cement plaster ,tuflex net for pond
56	PANDALAM Approved SWAP Capex (Cr.)=0.04 O&M (Cr.)=0.0008 Total Cost (Cr.)=0.0408	AMRUT2.0 PoozhikkadShastha Temple Kulam in ward 22	0.041	0.0008	0.042	1.Widening, Removal of Waste, Side Protection, Clearing the water flow Removing Algae, Si, Land Side
57	PANDALAM Approved SWAP Capex (Cr.)=0.07 O&M (Cr.)=0.0014 Total Cost (Cr.)=0.0714	AMRUT 2.0 REJUVENATION OF VaakathinalModippuramKulam 27	0.071	0.0014	0.072	1.Widening, Removal of Waste, Side Protection, Clearing the water flow Removing Algae, Si, Land Side
58	PANDALAM Approved SWAP Capex (Cr.)=0.06 O&M (Cr.)=0.0012 Total Cost (Cr.)=0.0612	AMRUT2.0 REJUVENATION OF VALLIKKAVINAL KULAM	0.061	0.0012	0.062	Widening, Removal of Waste, Side Protection, Clearing the water Tow, Removing Algae, Sit, Landslides etc.
59	PANDALAM Approved SWAP Capex (Cr.)=0.05 O&M (Cr.)=0.001 Total Cost (Cr.)=0.051	AMRUT2.0 REJUVENATION OF THEVARU KULAM	0.051	0.001	0.052	Widening. Removal of Waste, Side Protection, Clearing the water Sow, Removing Algae, Sit, Land Sides etc.
60	PANDALAM Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.002 Total Cost (Cr.)=0.102	AMRUT2.0 REJUVENATION OF CHEMBOOKU MADAKULAM	0.102	0.002	0.104	Widening. Removal of Waste, Side Protection, Clearing the water Now, Removing Algae. Slit. Land Siden etc.
61	PANDALAM Approved SWAP Capex (Cr.)=0.03 O&M (Cr.)=0.0006	AMRUT2.0 REJUVENATION OF PATTUPURAKAVU TEMPLE POND	0.031	0.0006	0.032	Widening. Removal of Waste, Side Protection, Clearing the water flow, Removing Algae, Sit, Land Sides etc.

	Total Cost (Cr.)=0.0306					
62	PANDALAM Approved SWAP Capex (Cr.)=0.06 O&M (Cr.)=0.0012 Total Cost (Cr.)=0.0612	AMRUT2.0 REJUVENATION OF THOPPIL PARAKULAM	0.061	0.0012	0.062	Widening. Removal of Waste, Side Protection, Clearing the water flow, Removing Algae, Silt, Land Sides etc.
63	PANDALAM Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.002 Total Cost (Cr.)=0.102	AMRUT2.0 Rejuvenation of ChonekkattuKulam in Division 2	0.102	0.002	0.104	Pond renovation, DR packing under Foundation, Widening, Side Protection,
64	PANDALAM Approved SWAP Capex (Cr.)=0.05 O&M (Cr.)=0.001 Total Cost (Cr.)=0.051	AMRUT2.0 Rejuvenation of VenkulathilKulam in 3 Ward	0.051	0.001	0.052	Pond renovation, DR packing under Foundation, Widening, Removal of Waste, Side Protection, Clearing the water flow, Removing Algae, Silt, Landslides etc.
65	PANDALAM Approved SWAP Capex (Cr.)=0.05 O&M (Cr.)=0.001 Total Cost (Cr.)=0.051	AMRUT2.0 Rejuvenation of ANIKKANATTUKULAM	0.051	0.001	0.052	water body rejuvenation at pandasam municipally-Widening, Removal of Waste Side Protection, Clearing the water flow: Removing Algae. Slit. Land Sides etc.
66	PANDALAM Approved SWAP Capex (Cr.)=0.05 O&M (Cr.)=0.001 Total Cost (Cr.)=0.051	AMRUT2.0 Rejuvenation of CheruvallikuzhiKulam	0.051	0.001	0.052	Widening. Removal of Waste, Side Protection..
67	PANDALAM Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.002 Total Cost (Cr.)=0.102	AMRUT2.0 Rejuvenation of ThazhevayalKulam	0.102	0.002	0.104	Widening. REMOVAL of Waste. Side Protection Clearing flow. Removing Algae, St, Land Sides etc.
68	PANDALAM Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.002 Total Cost (Cr.)=0.102	AMRUT2.0 Rejuvenation of SasthaKshethraKulam in Ward 33	0.102	0.002	0.104	Widening. Removal of Waste, Side Protection. .
69	PANDALAM Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.002 Total Cost (Cr.)=0.102	AMRUT2.0 Rejuvenation of AmappuramKulam in Ward 26	0.102	0.002	0.104	Widening. Removal of Waste, Side Protection.
70	PIRAVOM Approved SWAP Capex (Cr.)=0.5 O&M (Cr.)=0.05 Total Cost (Cr.)=0.55	AMRUT -2 Edappillychira Pond and Gym-General Civil Work	0.500	0.05	0.550	Pumping or Bailing out water and removing slush, RUBBLE MASONRY.
71	THIRUVALLA Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.05 Total Cost (Cr.)=0.15	AMRUT2.0 Rejuvenation of sreenarayana ambalam kshethrakulam	0.150	0.0075	0.158	1.Rejuvenation
72	THIRUVALLA Approved SWAP	AMRUT2.0 Rejuvenation of uthramelkshetrakulam	0.438	0.0219	0.460	1.Rejuvenation Side protection work-52m

	Capex (Cr.)=0.2 O&M (Cr.)=0.05 Total Cost (Cr.)=0.25					
73	THIRUVALLA Approved SWAP Capex (Cr.)=0.2 O&M (Cr.)=0.05 Total Cost (Cr.)=0.25	AMRUT2.0. Rejuvenation of sreevallabhakshethrakulam	0.250	0.0125	0.263	1. 15metres of DR masonry 2. deepening upto 0.75m. 3 As well as park
74	THIRUVALLA Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.05 Total Cost (Cr.)=0.15	AMRUT 2.0.Rejuvenation of Thaikulam	0.177	0.0082	0.185	"1. demolishing and reconstructing 33 m and 25 m of DR Masonry. 2. deepening of pond 3. a small park with chairs" 4.DRY RUBBLE MASONRY
75	THIRUVALLA Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.025 Total Cost (Cr.)=0.125	AMRUT 2.0.Rejuvenation of public pond in ward 24	0.125	0.0012	0.126	1.demolishing and reconstructing 17 metres of three sides with DR Masonry. 2. deepening of pond 3. small park with chairs
76	THIRUVALLA Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.05 Total Cost (Cr.)=0.15	AMRUT2.0 Rejuvenation of plappara pond	0.150	0.0075	0.158	1. demolishing and reconstructing 23 m and 33 of side wall with DR Masonry. 2.deepening of pond upto 1m
77	THIRUVALLA Approved SWAP Capex (Cr.)=0.25 O&M (Cr.)=0.05 Total Cost (Cr.)=0.3	AMRUT 2.0.Rejuvenation of Kulathinkara pond	0.439	0.0219 5	0.461	1. demolishing and reconstructing all sides with DR Masonry. 2.deepening of pond upto 1 metre is included in this estimation. 3.Dry rubble masonry-337m^3
78	THIRUVALLA Approved SWAP Capex (Cr.)=0.4 O&M (Cr.)=0.1 Total Cost (Cr.)=0.5	AMRUT 2.0.Rejuvenation of chandathodu	0.500	0.025	0.525	1.renovating the existing water park building as well as removing the polapayal upto 200 metre of length. 2.demolishing and reconstruction of the side wall of thodu of 132 metres length. 3.Dry rubble masonry-372m^3
79	TIRURANGADI Approved SWAP Capex (Cr.)=0.45 O&M (Cr.)=0.05 Total Cost (Cr.)=0.5	AMRUT 2.0-Renovation OfSamusakkulam	0.390	0.02	0.410	RENNOVATION 1.Providing and laying cement concrete retaining walls, return walls, WAis(any thickness) including attached pilasters, columns, piers, abutments, pillars posts, 2.Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. 3.PVC WEEP HOLES 60-75 MM DIA
80	TIRURANGADI Approved SWAP Capex (Cr.)=0.4 O&M (Cr.)=0.1 Total Cost (Cr.)=0.5	AMRUT2.0 Renovation of Pulinjilath pond	0.400	0.02	0.420	1.Providing and laying in position cement concrete 2.DRY RUBBLE MASONRY 3.Providing and fixing handrail of approved size by welding etc.
81	TIRURANGADI Approved SWAP Capex (Cr.)=0.7 O&M (Cr.)=0.05 Total Cost (Cr.)=0.75	AMRUT 2.0 Renovation of Venchalikappu	0.700	0.02	0.720	1.Providing and laying in position cement concrete 2.DRY RUBBLE MASONRY

82	VADAKARA Approved SWAP Capex (Cr.)=0.3 O&M (Cr.)=0.02 Total Cost (Cr.)=0.32	"AMRUT 2.0 Rejuvenation of IllathThazhe Pond in Vatakara Municipality"	0.300	0.02	0.320	1.RENOVATION OF POND 2. DRAINAGE
83	NORTH PARAVOOR Approved SWAP Capex (Cr.)=0.2 O&M (Cr.)=0.05 Total Cost (Cr.)=0.25	AMRUT 2.0-Rejuvenation of Mookambi pond in North paravoor Municipality	0.237	0.05	0.287	1.Retaining wall 2.DR Masonry 3.Handrail
84	NORTH PARAVOOR Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.05 Total Cost (Cr.)=0.15	AMRUT 2.0 - REJUVENATION OF PALA KULAM POND IN NORTH PARAVOOR MUNICIPALITY	0.100	0.05	0.150	1.Earth work in excavation 2.Stainless steel railings 3.DRY RUBBLE MASONRY
85	NORTH PARAVOOR Approved SWAP Capex (Cr.)=0.2 O&M (Cr.)=0.05 Total Cost (Cr.)=0.25	AMRUTH2.0 - REJUVENATION OF PERUVARAM TEMPLE POND- EAST SIDE IN NORTH PARAVOOR MUNICIPALITY	0.2196	0.05	0.2696	1.Earth work in excavation 2.Stainless steel railings 3.DRY RUBBLE MASONRY 4.Clearing and cleaning 5.PVC weep hole
86	NORTH PARAVOOR Approved SWAP Capex (Cr.)=0.1 O&M (Cr.)=0.05 Total Cost (Cr.)=0.15	AMRUT 2.0- REJUVENATION OF THONNIYAKAVU TEMPLE POND- IN NORTH PARAVOOR MUNICIPALITY	0.100	0.05	0.150	1.Earth work in excavation 2.DRY RUBBLE MASONRY 3.Bailing out, Clearing and cleaning
87	NORTH PARAVOOR Approved SWAP Capex (Cr.)=0.15 O&M (Cr.)=0.05 Total Cost (Cr.)=0.2	AMRUTH 2.0 - REJUVENATION OF PERUVARAM TEMPLE POND – WEST SIDE IN NORTH PARAVOOR MUNICIPALITY	0.150	0.05	0.200	1.Earth work in excavation 2.DRY RUBBLE MASONRY 3.Bailing out, Clearing and cleaning
88	NORTH PARAVOOR Approved SWAP Capex (Cr.)=0.05 O&M (Cr.)=0.05 Total Cost (Cr.)=0.1	REJUVENATION OF KOTTAMKULAM POND IN NORTH PARAVOOR MUNICIPALITY	0.050	0.05	0.100	1.Earth work in excavation 2.DRY RUBBLE MASONRY 3.Bailing out, Clearing and cleaning
89	KALAMASSERY Approved SWAP Capex (Cr.)=0.3 O&M (Cr.)=0.03 Total Cost (Cr.)=0.33	AMRUT 2.0- REJUVENATION OF VALIYAKULAM	0.4796	0.03	0.5096	1..EARTH WORK EXCAVATION OF MARSHY SOIL 2.BAILING OUT WATER PUMP 3..DR MASONRY 4.RING BUND TYPE2 5.GARDON WALL,COMPOUND WALL 6.PVC WEEP HOLE
90	VAIKOM Approved SWAP Capex (Cr.)=0.7 O&M (Cr.)=0.0175 Total Cost (Cr.)=0.7175	AMRUT 2.0-Deepening of tributaries of Andhakarathodu in Vaikom Municipality	0.700	0.0175	0.7175	clearing jungle, Earth work excavation, Engaging man, Demolishing brick work, D.R. Masonry, R.R. Masonry, PCC 1:2:4,
91	VAIKOM Approved SWAP Capex (Cr.)=0.25 O&M (Cr.)=0.00625 Total Cost (Cr.)=0.25625	AMRUT 2.0--Deepening of PerinchillaThodu in Vaikom Municipality	0.250	0.0062	0.2562	Clearing jungle, Earth work excavation
92	CHANGANASSERY Approved SWAP	AMRUT 2.0-Rejuvenation of MoosariParakkulam at	0.250	0.01	0.260	1.Earthwork 2. Cleaning

	Capex (Cr.)=0.25 O&M (Cr.)=0.01 Total Cost (Cr.)=0.26	Changanassery Municipality				3. Bailing out 4. DR masonry with intermediate concrete belt 5. Acess maintenance
93	CHANGANASSERY (M)Approved SWAP Capex (Cr.)=0.143 O&M (Cr.)=0.007 Total Cost (Cr.)=0.15	AMRUT 2.0-Rejuvenation Of Vasudevapuram Temple Pond at Changanassery Municipality	0.143	0.007	0.150	1.Earthwork 2. Cleaning 3. Bailing out 4. DR masonry with intermediate concrete belt
94	CHANGANASSERY (M)Approved SWAP Capex (Cr.)=0.6 O&M (Cr.)=0.02 Total Cost (Cr.)=0.62	AMRUT 2.0 -Rejuvenation of Chithrakkulam in Changanassery Municipality	0.600	0.02	0.620	1.Earthwork 2. Cleaning 3. Bailing out 4. DR masonry with intermediate concrete belt
95	CHANGANASSERY (M)Approved SWAP Capex (Cr.)=0.005 O&M (Cr.)=0.05 Total Cost (Cr.) = 0.055	AMRUT 2.0-Rejuvenation of Thirumala Temple pond in Changanassery Municipality	0.050	0.005	0.055	1.Earthwork 2. Cleaning 3. Bailing out 4. DR masonry with intermediate concrete belt 5.Fencing
96	CHANGANASSERY Approved SWAP Capex (Cr.)=0.61 O&M (Cr.)=0.04 Total Cost (Cr.)=0.65	AMRUT 2.0-Rejuvenation of Narikkulam in Changanassery Municipality	0.610	0.04	0.650	1.Earthwork 2. Cleaning 3. Bailing out 4. DR masonry with intermediate concrete belt
	TOTAL		21.065	1.589	22.654	

7th SLTC Meeting Decision:

The Project-wise details were discussed in detail by the committee and recommended to place the following to the SHPSC:

- ❖ Issuance of Administrative Sanction for 96 Rejuvenation of Water Body projects proposed amounting to Rs.22.654 Cr. (CAPEX – Rs.21.065 Cr. & OPEX - Rs.1.589 Cr.) subject to the following;
 - The projects should be Geotagged.
 - ULBs to ensure that the benefit of all the projects including temple pond rejuvenation projects reach the public.
 - AMRUT project information board on the side of the Ponds.
 - The Committee directed ULBs to ensure that other Central/ State funds are not utilized for the project components included in the proposed projects under AMRUT 2.0.
- ❖ The over and above the SWAP amount shall be borne by the ULBs.
- ❖ ULBs were directed to issue the TS after ensuring the following;
 - The projects are Geotagged.
 - Other Central/ State fund is not utilized for the project components included in the proposed projects
 - Technical viability, land availability, justified provisions & rates and mandatory clearances.
 - 5-year Operation & Maintenance and only admissible components are included as per AMRUT guidelines.
- ❖ ULBs were directed to ensure the non-inclusion of Operation & Maintenance costs, and Value of land/ structures required for the project development under Central Assistance. If the said components are inevitable, the cost for the same may be met from the State/ ULB fund.
- ❖ The Committee observed that many temple ponds were selected for water body rejuvenation. ULBs were directed to ensure that the benefit of such rejuvenation projects reach the public.

Decision:

- ❖ **The Committee accorded Administrative Sanction for 96 Rejuvenation of Water Body projects proposed amounting to Rs.22.654 Cr. (CAPEX – Rs.21.065 Cr. & OPEX - Rs.1.589 Cr.) subject to the following;**
 - The projects should be Geotagged.
 - ULBs to ensure that the benefit of all the projects including temple pond rejuvenation projects reaches the public.
 - AMRUT project information board shall be placed on the side of the Ponds.
 - The Committee directed ULBs to ensure that other Central/ State funds are not utilized for the project components included in the proposed projects under AMRUT 2.0.
- ❖ **The over and above the SWAP amount shall be borne by the ULBs.**
- ❖ **ULBs were directed to issue the TS after ensuring the following;**
 - The projects are Geotagged.
 - Other Central/ State fund is not utilized for the project components included in the proposed projects
 - Technical viability, land availability, justified provisions & rates, and mandatory clearances.
 - 5-year Operation & Maintenance and only admissible components are included as per AMRUT guidelines.
- ❖ **ULBs were also given directions to ensure the non-inclusion of Operation & Maintenance costs, and the Value of land/ structures required for the project development under Central Assistance. If the said components are inevitable, the cost for the same may be met from the State/ ULB fund.**

Agenda Item No.7: ASSIGNING THE CHARGE OF DISTRICT COORDINATOR AMRUT TO THE DISTRICT DEVELOPMENT COMMISSIONERS (DDCs):

As per Government Order G.O(MS) No. 11/2023/ LSGD dated 13.01.2023, staff strength in 9 City Mission Management Units (CMMUs) of AMRUT was increased from 18 to 25 Urban Infrastructure cum Water Experts (UIWEs). The CMMUs will have to monitor and coordinate Water Supply projects & Water Body Rejuvenation & park projects covering all 93 ULBs and Sewerage and Septage projects for all the 9 AMRUT 1.0 cities. The CMMUs are responsible for carrying out all the periodic monitoring and reporting for the physical and financial progress of all the activities at the ULB level to ensure the efficient implementation of projects. CMMUs are obliged to work closely in liaison with the District Collector's Office, District Planning Committee (DPC), and other related departments as per the Government systems and procedures.

As per Government Order G.O.(Rt) No.39/2023/LSGD dated 06-01-2023, District Collectors were authorized as the Nodal Officers for AMRUT projects to expedite the execution of various projects under AMRUT. Considering the wider mandate of AMRUT 2.0 to cover all the Urban Local Bodies of Kerala and the necessity to coordinate with other departments viz, PWD, KSEB, Irrigation, KPCB, Suchitwa Mission, KWA, Railways, NHAI etc; there is a necessity for a separate position to act in the capacity of District Coordinator.

If the services of District Development Commissioners can be spared to act in the capacity of District Coordinators for AMRUT, in addition to their regular duty as DDCs, the AMRUT can work more effectively, imparting the desired focus on coordinating the project implementation activities of Urban Local Bodies in the State. The job definition of District Development Commissioners shall include inter-departmental coordination, development promotion, and liaison between the Secretariat and the districts with a focus on speed and rigor.

Hence, the Director, Urban Affairs (Mission Director, AMRUT) had requested (vide letter no. DUA/ 898/ 2023-DC1 dated 02.02.2023) the Principal Director for issuing Government Orders assigning the following roles and responsibilities to the DDCs as the District Coordinator, AMRUT:

- 1) To provide the necessary support to District Collector in Land Identification and Land Acquisition as per the requirement of the Project and as per the environmental and social safeguards to be complied with based on the ESIA.
- 2) To review and monitor AMRUT projects including the physical and financial progress of each ULB, and support the Mission Director, AMRUT.
- 3) To review and monitor the IEC campaign, reform implementation under AMRUT Mission, etc.
- 4) To Work closely with the District Collector's Office and District Planning Committee as per the existing systems and procedures of the State.
- 5) To support the Mission Director AMRUT in planning and implementation of projects including providing Inter-ULB coordination support and inter-institutional support at the district level for all project activities and
- 6) To support the Mission Director AMRUT in ensuring the availability of undisputed land for projects.
- 7) To coordinate with district administration and authorities on all issues pertaining to AMRUT in the district including Public consultations.
- 8) To identify project opportunities in consultation with various stakeholders.
- 9) To supervise the activities of CMMUs.
- 10) To supervise training and capacity-building activities in the district as planned by SMMU.
- 11) To monitor the compliance of the O&M procedures of the commissioned facilities.

It was also requested to include the District Development Commissioners as a member of the State-Level Technical Committee (SLTC) and State-level High Powered Steering Committee (SHPSC) of AMRUT.

7th SLTC Meeting Decision:

The committee recommended the following to the SHPSC:

- ❖ Assignment of the role of District Coordinator, AMRUT projects to the District Development Commissioners (DDCs).
- ❖ DDCs may be made members of the State-Level Technical Committee (SLTC) and State-level High Powered Steering Committee (SHPSC) of AMRUT.

Decision:

The committee accorded sanction for the following:

- ❖ Assignment of the role of District Coordinator, AMRUT projects to the District Development Commissioners (DDCs).
- ❖ DDCs to be made members of the State-Level Technical Committee (SLTC) and State-level High Powered Steering Committee (SHPSC) of AMRUT.

Agenda Item No.8: REAPPROPRIATION OF FUND FROM ULBs WITHOUT PROJECT PROPOSALS TILL MARCH 2023:

According to the 6th Apex Committee decision, the tender process of all the approved projects should be completed by March 2023. Accordingly, the DPR of all approved projects (SWAP-1 & 2) have to be submitted by 15.03.2023. Projects under tranche-3 (SWAP-3) are planned to be submitted to MoHUA for approval by 31.03.2023. Hence all ULBs have to submit the proposals in the AMRUT-2.0 portal by 15.03.2023.

The Committee may direct the ULBs to follow the above-mentioned timelines, failing which, the funds may be reallocated to those ULBs who require additional funds and showing good progress in the implementation of projects.

7th SLTC Meeting Decision:

The committee directed ULBs to submit the DPRs for all approved projects (SWAP-1 & 2) before 15th March 2023 and also to formulate projects and submit the SWAP-3 proposals on the AMRUT-2.0 portal before 15th March 2023. Otherwise, the allocated fund would be re-appropriated to other ULBs in need.

Decision:

- ❖ **Taking serious note on the slow progress in formulating projects, the committee directed all ULBs to submit the pending DPRs for all approved projects (SWAP-1 & 2- Water supply, Sewerage and Water body rejuvenation projects) before 31st March 2023 and also to formulate projects and submit the SWAP-3 proposals on the AMRUT-2.0 portal before 31st March 2023.**
- ❖ **The committee decided to reallocate the funds remains unutilized as of 31st March 2023 with the ULBs to other ULBs in need.**

Agenda Item No. 9: OPENING OF SEPARATE BANK ACCOUNT FOR MAINTAINING THE EARNEST MONEY DEPOSIT (EMD) AND PROCESSING FEE AT SNA:

Vide letter no. TCPCTP/ 1066/ 2022-F1 dated 13.02.2023 the Chief Town Planner (Planning), LSGD has informed as follows:

The Ministry of Housing and Urban Affairs, Government of India launched the sub-scheme of 'Formulation of GIS based Master Plans for Class II towns under AMRUT 2.0'. 49 cities in Kerala are eligible for getting financial assistance under this Scheme. This is a 100 % Centrally Sponsored Scheme. The Government of Kerala vide G.O (Rt) No.2871/2022/LSGD, Dt: 21.11.2022 have designated the Local Self Government Department (Planning) as the Nodal Agency and Chief Town Planner (Planning) as the Nodal Officer for the implementation of this sub-scheme.

The State Action Plan (SAP), which is a prerequisite for accessing funds under the Scheme, was approved by 6th State Level Technical Committee (SLTC) of AMRUT-2.0 held on the 20th & 24th of December 2022 Under agenda item No.8. The SHPSC during the meeting held on 23.01.2023 has approved the State Action Plan and has recommended to GoI for the release of the first installment of central grant.

As per the reform agenda for the sub scheme under AMRUT 2.0, salary & wage components, furniture & fixtures and hardware & software, recurring expenses etc. are inadmissible components. In this context, considering the number of Master Plans to be handled simultaneously in each district within the Mission period and the constraints in the availability of adequate manpower and infrastructure in the Department exclusive for this scheme, the need for outsourcing the task of preparation of Master Plan is found desirable, which is a permissible option as per the scheme guidelines. Hence as per the SAP, preparation of Master Plans for all the 49 cities is proposed to be outsourced.

Requests for Proposals (RFPs) have to be called for from desired outsourcing Consultants through the bid process. Outsourcing Consultants applying for the RFPs may have to deposit Earnest Money Deposit (EMD) and Processing Fee to an account specified.

In this context, savings bank account for State Nodal Agency (Local Self Government Department (Planning) in the name of Nodal Officer (Chief Town Planner (Planning) is to be opened for maintaining the EMD, Processing Fee and such other amount under this Scheme in Indian Bank, Thiruvananthapuram Branch where the current SNA account under AMRUT is operational.

7th SLTC Meeting Decision:

The committee recommended to the SHPSC for granting permission to the State Nodal Agency (Local Self Government Department, Planning) to open a separate savings bank account in the name of the Nodal Officer (Chief Town Planner, Planning) for maintaining the EMD, Processing Fee and any such other amount under this Scheme in the Indian Bank, Thycaud Branch where the current SNA account of AMRUT is operational.

Decision:

The committee granted permission to the State Nodal Agency (Local Self Government Department, Planning) to open a separate savings bank account in the name of the Nodal Officer (Chief Town Planner, Planning) for maintaining the EMD, Processing Fee and any such other amount under this Scheme in the Indian Bank, Thycaud Branch where the current SNA account of AMRUT is operational.

Agenda Item No.10: TO ENTRUST THE IMPACT KERALA WITH THE TASK OF IMPLEMENTING STP/FSTP SCHEMES FOR THE ULBS THAT ARE UNABLE TO DO SO FAR.

Liquid waste treatment plants were envisaged in 9 cities of Kerala under the AMRUT scheme. But most of them could not be implemented due to various reasons such as public protest, not being able to find a suitable place, lack of interest of the people's representatives, lack of experienced persons in this field etc. Many municipalities are also reluctant to undertake such projects.

If the assistance of an SPV is available to take up projects in such municipalities, the current hurdles can be overcome. AMRUT 1.0 is in a situation of losing a good percentage of central assistance in the sewage/septage sector. Hence, AMRUT 2.0 requires much caution to avoid such a situation. As per the G.O. (Rt) 3234/2017/LSGD dtd 06/10/2017, IMPACT KERALA Ltd was set up to implement major infrastructure projects of municipalities funded by KIIFB. AMRUT 2.0 projects can be completed on time if IMPACT Kerala's assistance is available for the implementation of such projects.

7th SLTC Meeting Decision:

The Committee decided to place the matter before the SHPSC to entrust IMPACT KERALA LTD, with the implementation of AMRUT STP/FSTP projects of ULBs that are unable to do it.

Decision:

The Committee granted permission to entrust IMPACT KERALA LTD, with the implementation of AMRUT STP/FSTP projects that ULBs are unable to do themselves.

ADDITIONAL AGENDAS

Additional Agenda Item No.01: THIRUVANANTHAPURAM CORPORATION –PERMISSION TO TRANSFER THE FUNDS FROM AMRUT TO SMART CITY FOR THE WORKS –MULTI-LEVEL CAR PARKING SYSTEMS INPUTHARIKANADAM MAITHANAM & MEDICAL COLLEGE:

Under AMRUT 1.0, three Multi Level Car Parking Systems were proposed in Corporation Premises, PutharikanadamMaithanam, and Medical College. Of which MLCP in Corporation Premises was completed.

MLCP at PutharikandamMaithanam:

Vide G.O(Rt) No. 5/2018/ LSGD dated 01/01/2018, Administrative sanction was accorded for the works-Multi Level Car Parking Systems in Corporation Premises & Putharikanadam Maithanam in Thiruvananthapuram Corporation for **Rs.17.64 Cr.**(MLCP @ Corporation Premises: Rs.5.64 Cr. & MLCP @ Putharikandam: Rs.12 Cr.) and vide G.O.(Rt)No.1897/2021/LSGD dated 04/10/2021 revised AS was issued for **Rs.18.91 Cr.**

The piling works of MLCP at Putharikandam Maithanam were completed by the Contractor M/s SiegerSpintechEquipments Pvt Ltd but later the Contract was terminated without any risk and cost to the Contractor.

MLCP in Medical College Premises:

AS was issued for an amount of Rs.17.64 Cr. vide GO(Rt) No. 5/2018/LSGD dated 01.01.2018. This work was awarded to M/s SiegerSpintechEquipments Pvt Ltd, but the same was also terminated without any risk and cost to the Contractor.

Now, vide letter No. SCTL/TECH/2777/2022/AM-C/6651 dated 22.02.2023, the CEO of Smart city has informed that the executive subcommittee of SCTL had given sanction to include the works of MLCPs in SCTL and therefore requested to take necessary arrangements to transfer the fund reserved for the project to the SmartCity. The Secretary of Trivandrum Corporation vide letter No. E7/E13/133186/2015 dated 25.02.2023, also requested the same.

Decision:

The Committee granted permission to transfer the funds from AMRUT-1.0 to the SmartCity for the works, Multi-level car parking systems in Putharikanadam Maithanam & Medical College.

Additional Agenda Item No.02: KANNUR CORPORATION – URBAN TRANSPORT SECTOR – AS REVISION – MULTI LEVEL CAR PARKING (MLCP) COMPLEX AT STADIUM PREMISES AND BANK ROAD:

Vide letter no. E1/24899(III)/ 15 dated 24.02.2023, the Secretary, Kannur Corporation has requested to place the agenda for revision of Administrative Sanction for the work “Multi Level Car Parking (MLCP) Complex at Stadium Premises and Bank Road” and has informed as follows:

Details of Work	Reason	Source of Fund
<p>The work comprises 4 nos. of puzzle type Multi Level Car parking units with a total capacity of 124 cars in Stadium premises and 1 unit with a capacity of 31 cars at Bank Road.</p> <ul style="list-style-type: none"> SAAP 2017-18 AS Amount: Rs.11.27 Cr., vide G.O (Rt) No. 334/ 2022/ LSGD dated 15.02.2022 TS Amount: Rs.9.24 Cr. Awarded Amount: Rs.9.55 Cr. Revised AS Amount Required: Rs.12.56 Cr. Excess Amount Required: Rs.1.29 Cr. 	<p>During the execution of the works, the following changes were required:</p> <ul style="list-style-type: none"> At the Stadium site due to the presence of an Underground BSNL duct, 4 footings had to be redesigned. The sump, pump room, overhead tank, and Firefighting system also had to be redesigned as per the site conditions. At the Bank Road site due to insufficient area, the sump and pump room have to be redesigned. Changes had to be made in the estimate of electrical works 	<p>The additional amount of Rs.1.29 Cr. can be met from the savings available in the Urban Transport Sector works of the ULB/ Own fund.</p> <p><u>Construction of new footpath with handrails and cycle track (2016-17)</u></p> <p>G0(Rt) No. 4165/2017/LSGD dated 23/12/2017.</p> <p>Original AS – 7.41 Cr. Reduced AS- 5.48 Cr.</p>
Council Decision:		

The Council approved the proposal to revise the AS vide Resolution No.47, dated 04.02.2023.	for obtaining clearance from Electrical Inspectorate. • A boom barrier also had to be added in the estimate at the stadium premises.	TS Amount– 3.86 Cr. As to TS savings 1.62 Cr.
Project Manager: Sri. Manikanda Kumar T, Superintending Engineer, Kannur Corporation	Due to these changes an excess amount of Rs.1.29 Cr. is required (inclusive of 18% GST)	

Decision:

- ❖ The Committee accorded sanction to revise the Administrative Sanction of the work, “Multi Level Car Parking (MLCP) Complex at Stadium Premises and Bank Road,” from Rs.11.27 Cr. to Rs.12.56 Cr.
- ❖ The required additional amount (Rs.1.29 Cr.) shall be met from the savings available in the Urban Transport sector works/ Own fund.
- ❖ Any financial implications due to the non-completion of the works by 31.03.2023 shall be borne by the ULB.

Additional Agenda Item No.03: OPEN A SEPARATE SAVINGS BANK ACCOUNT IN THE NAME OF DIRECTOR, LSGD (URBAN) FOR MAINTAINING REFORM INCENTIVES (for developing the Urban Innovation Centre)

AMRUT Mission envisages improving governance through a set of 11 urban reforms by achieving 54 milestones over 5 years(2015-20) which are detailed in the Mission guidelines. These reforms have to be implemented in the Mission cities. The incentive fund will be in addition to the Central Share as allocated annually. Kerala has received reform incentives continuously for the last 4 years. An amount of Rs. 59.82 Cr. has been received as reform incentives. (KERALA, with an average score of 82.49%, ranks 7th in UrbanReform implementation (as per MoHUA RANKING).)

Reform Incentive Utilization Status Details (Amt In Cr.)

SI No	AMRUT City	2015-16	2016-17	2017-18	2018-19	Total Released	UC Submitted	Balance
1	Trivandrum	2.09	2.12	2.92	1.47	8.60	8.60	0.0
2	Kollam	1.32	1.86	1.51	0.67	5.36	5.36	0.0
3	Alappuzha	1.08	0.94	1.13	0.99	4.14	4.14	0.0
4	Kochi	1.66	1.79	1.24	1.10	5.79	5.79	0.0
5	Thrissur	1.29	1.87	1.29	1.06	5.51	5.51	0.0
6	Guruvayoor	0.97	0.82	1.13	1.16	4.08	4.08	0.0
7	Palakkad	0.98	1.59	1.05	0.99	4.61	4.61	0.0
8	Kozhikode	1.61	1.47	1.20	0.88	5.16	5.16	0.0
9	Kannur	1.00	1.21	1.42	0.93	4.56	4.56	0.0
10	SMMU	3.00	3.00	3.00	3.00	12.00	0.70	11.3
TOTAL		15.00	16.68	15.89	12.25	59.82	48.51	11.3

An Amount of Rs.47.81 Cr has been released to AMRUT Cities and a balance amount of Rs.12 Cr. has been kept in SMMU. Out of Rs.12 Cr. , Rs.0.70 Cr was utilized for the implementation of Various Reforms (NRSC, Property Tax collection, EESL).

The Ministry of Housing and Urban Affairs has directed to send the UC of the balance amount of the reform incentive by 31.03.2023, otherwise, the unutilized funds of the reforms incentive may be marked under the project head.

Director -Urban Affairs & MD, AMRUT has submitted a proposal to the Government as part of the strengthening of ULB through 'The Urban Innovation Centre', Under the Capacity Building Program of AMRUT.

In this context, a savings bank account for the LSGD(Urban) in the name of Director-LSGD(Urban) is to be opened for maintaining reform incentives(for developing the Urban Innovation Centre) in Indian Bank, Thycaud Branch where the current SNA account under AMRUT is operational.

SHPSC Deliberations

- ❖ Mission Director, AMRUT mentioned that, Kerala has received an amount of Rs. 59.82 Cr. as reforms incentives. Of which, an amount of Rs.48.51 has been spent and there is an un spent amount of Rs. 11.31 Cr. Now MoHUA has directed to send the Utilization Certificate of the fund released against the reform incentive by 31.03.2023, otherwise, the unutilized funds of the reforms incentive may be marked under the project head.
- ❖ Mission Director, AMRUT presented the proposal of the strengthening of ULBs through the Urban Innovation Centre under the Capacity Building Program of AMRUT for an estimated amount of Rs. 8 Cr. by utilizing the unspent reform incentives fund and requested permission for opening a savings bank account for the LSGD (Urban) in the name of Director (Urban), LSGD for the maintaining reform incentives fund (for developing the Urban Innovation Centre).

Decision: Deferred

Principal Secretary, LSGD

Shamalayoseph
6/3/23

AD
Mission Director, AMRUT

Saeed Aly

Additional Chief Secretary
(Convener, SHPSC)

J
Chief Secretary
(Chairman, SHPSC)

Annexure-1

List of Participants

1. Sri. M K Varghese, Mayor, Thrissur Corporation
2. Smt. Suhra Abdul Khader, Chairperson, Erattupetta Municipality
3. Sri. Biswanath Singha IAS, Additional Chief Secretary, Finance Department
4. Smt. Sarada Muraleedharan IAS, Additional Chief Secretary, LSGD
5. Smt. Sharmila Mary Joseph IAS, Principal Secretary, LSGD
6. Sri. Venkateshpathi S IAS, Managing Director, Kerala Water Authority
7. Sri. Ashok Kumar Singha IAS, Secretary, Water Resources Department
8. Sri. Biju.K. IAS, Secretary, Public Works Department
9. Sri. Arun.K. Vijayan, Mission Director, AMRUT
10. Sri. Santhosh, Additional Secretary, Environment Department
11. Sri. Sandeep K G, Chief Engineer, LSGD
12. Sri. , Senior Town Planner, LSGD
13. Sri. Sudheer T S, Chief Engineer, KWA Central Region, Kochi
14. Sri. Rahesh Kumar, Secretary, Thrissur Corporation
15. Sri. Sajeet P K., Secretary, Kollam Corporation
16. Smt.B. Neethu Lal, Secretary, Alappuzha Municipality
17. Sri. Ajesh, Secretary, Palakkad Municipality
18. Sri. Shibu V P Additional Secretary, Kochi Corporation
19. Sri. Manoharan, Additional Secretary, Kozhikode Corporation
20. Sri. Jahangeer, Programme Officer, Kudumbasree
21. Sri. Sooraj, Deputy Chief Engineer -2, Project Implementation Unit, KWA, TVPM
22. Sri. Saber A Raheem, Executive Engineer, PH Division, KWA, Kollam