

**Minutes of the 9<sup>th</sup> State Level Technical Committee (SLTC) of AMRUT 2.0 held on 14<sup>th</sup> June 2023 at 04:00 PM through Video Conferencing by the Additional Chief Secretary, Local Self Government Department**

The meeting of the 9<sup>th</sup> State Level Technical Committee of AMRUT 2.0, chaired by Smt. Sarada Muraleedharan IAS, Additional Chief Secretary, Local Self Government Department commenced at 04:00 PM (List of participants attached as Annexure 1).

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

**Agenda Item No.9.1: APPROVAL OF MINUTES OF THE 8<sup>th</sup> MEETING OF SLTC**

**Decision Taken:** *The Committee approved the minutes of the 8th SLTC meeting of AMRUT 2.0.*

**Agenda Item No.9.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 8<sup>th</sup> SLTC MEETING OF AMRUT 2.0**

**Agenda Item No. 7.2: ADMINISTRATIVE SANCTION FOR 11 WATER SUPPLY PROJECTS APPROVED UNDER 1st AND 2ND TRANCHES OF SWAP**

**8<sup>th</sup> SLTC Decision:**

- KWA was asked to explore the possibility of whether common components of the Malankara based Neelur JJM scheme can be utilized for meeting water requirements of **Erattupetta Municipality**, as there are no sustainable water resources in that area. An estimate with essential components to be furnished to AMRUT.
- KWA was also instructed to submit a report to the Ministry of Jal Shakti informing the same.

**Action Taken:**

The proposal of Erattupetta Municipality submitted by the KWA has been placed as an Agenda point in this meeting.

**Decision taken:** *Noted.*

**Agenda Item No.7.3: ADMINISTRATIVE SANCTION FOR THE SEWERAGE PROJECT OF KOLLAM & KOCHI CORPORATIONS (SWAP-2):**

**8<sup>th</sup> SLTC Decision:**

- KWA has agreed to issue the Technical Sanction for the Kollam sewerage project by **15<sup>th</sup> May 2023** and for the Kochi sewerage project by **25<sup>th</sup> May 2023**.

**Action Taken:**

Technical Sanction for the Kollam Sewerage project has issued. TS for Kochi sewerage project is yet to be issued.

**Decision Taken:**

*The Managing Director of KWA was directed to take the necessary steps to issue the TS for the Kochi Sewerage project. MD KWA agreed to issue the same within a week.*

**Agenda Item No. 7.8: OPENING OF SEPARATE BANK ACCOUNT FOR MAINTAINING THE EARNEST MONEY DEPOSIT (EMD) AND PROCESSING FEE AT SNA:**

**8<sup>th</sup> SLTC Decision:**

- > The Local Self Government Department (LSGD) has been instructed by the Committee to expedite the issuance of the Government Order (GO).

**Action Taken:**

The Government Order is awaited.

**Decision Taken:**

*The Chair directed the LSGD and the Mission Director to follow up and speed up the processes.*

**Agenda Item No. 7.9: To entrust the IMPACT KERALA with the task of implementing STP/FSTP schemes for the ULBs that are unable to do so far.**

**8<sup>th</sup> SLTC Decision:**

- > The Committee/chair has instructed the team to verify the resource availability in IMPACT Kerala before assigning the work to them and to communicate with the Director of Urban Affairs for enhancing the capacity of IMPACT KERALA for the above mentioned purpose.

**Action Taken:**

Vide letter No.CBE/SMMU/AMRUT 2.0 12021 dated 25.5.2023, the Director of Urban Affairs has been requested to take steps to enhance the capacity of IMPACT KERALA for this purpose.

**Decision Taken:**

*The Mission Director reported that IMPACT Kerala has only a skeleton structure consisting of two project managers who are deputed from the Local Self Government Department (LSGD) Engineering wing.*

*The Committee has recommended considering the expansion of the team members of IMPACT, Kerala based on the requirement.*

**Agenda Item No.8.4: ADMINISTRATIVE SANCTION FOR WATER SUPPLY PROJECTS APPROVED UNDER 1st AND 2ND TRANCHES OF SWAP**

**8<sup>th</sup> SLTC Decision:**

The committee has recommended the following to the SHPSC;

- The committee directed to schedule a separate meeting with the DPR consultant for a detailed review of Micro Water supply schemes for Kothamangalam ULB.

**Action Taken:**

**Micro Water supply schemes proposals for Kothamangalam ULB have been presented before this Committee.**

**Decision taken: *Noted.***

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

**8<sup>th</sup> SLTC Decision:**

- The Committee reviewed the current Operation & Maintenance plan for Muttathara STP and also the suggested strategies.
- The Committee instructed KWA to calculate and report the revenue recovery based on the latest approved rates of Sewer charges to the Committee.

**Action Taken:**

**The report is being worked out by KWA.**

**Decision Taken:**

*DCE, PIU-2, KWA, informed that the O & M charges for STPs and sewer networks are being met by KWA through the sewer cess levied from the consumers along with the water charges. Recently KWA revised the water charges and the sewer cess. The new tariff has been implemented in only one subdivision out of five in Thiruvananthapuram. The revenue recovered based on the new sewer cess can be assessed only after the new tariff is implemented in all five subdivisions having sewer connections in Thiruvananthapuram.*

*The Committee directed KWA to assess and report the projected revenue recovery based on the implementation of new sewer charges in one subdivision of Thiruvananthapuram and the O & M charges that can be met from them.*

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

**8<sup>th</sup> SLTC Decision:**

- The Committee decided to approve the cancellation of the ongoing tender process of PDMC after detailed deliberation.
- The committee reviewed the revised scope of works of PDMC and suggested incorporating the task of preparation of DPRs for Sewerage & Septage projects in AMRUT cities.
- The Committee directed the Mission Director AMRUT to prepare the revised scope of work and the revised RFP for the PDMC and to seek approval from the Government for retendering.

**Action Taken:**

The revised scope of work and revised RFP have been submitted to the Government for approval on 27.05.2023.

*Decision Taken: Noted*

**Agenda Item No. 8.11: APPROVAL TO HIRE ADDITIONAL SPACE FOR SMMU, AMRUT****8<sup>th</sup> SLTC Decision**

- > The Committee instructed the Mission Director AMRUT to estimate the space requirements as per the PWD norms and report in the next SLTC.
- > The Committee recommended the rent rate of Rs.376.6 / Sqm, which amounts to Rs.89,766 /- per month. For the additional space of 202 sq m for SMMU in the same building where SMMU is working and also to arrange the necessary modification works.

**Action Taken:**

The space requirement as per the PWD norms is included as an agenda point for this meeting.

*Decision Taken: Noted*

**Agenda Item No.9.3: 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).

**9.3.1. PROJECT PROGRESS(Tranches 1&2)**

Description	TOTAL		WATER SUPPLY- KWA		Micro Water Supply/ WS by ULB		Water Body		SEWERAGE/ SEPTAGE		
	No.	CAPEX	No.	CAPEX	No.	CAPEX	No.	CAPEX	No.	CAPEX	
<b>Total Number of projects</b>	<b>489</b>	<b>2475.313</b>	<b>179</b>	<b>1851.461</b>	<b>29</b>	<b>57.953</b>	<b>255</b>	<b>76.267</b>	<b>26</b>	<b>489.632</b>	
AS status	issued	283	1748.9333	162	1398.238	0	0	96	21.063	25	329.6323
	to be issued	206	726.38	17	453.223	29	57.953	159	55.204	1	160.00
DPR status	Ready for issuing the AS	159	525.96	12	287.32	13	35.079	133	43.564	1	160.00
	Not ready	47	200.42	5	165.903	16	22.874	26	11.64	0	0.00
TS status	issued (incl WS sub projects-51 SEW sub projects- 9 Nos)	271	1075.96	161	920.493	0	0	83	13.834	27	141.63
	to be issued	73	672.97	52	477.745	0	0	13	7.229	8	188.00
NIT status	issued (incl WS sub projects-51 SEW sub projects- 9Nos)	234	1021.63	153	870.477	0	0	54	9.519	27	141.63
	TS issued but NIT to be issued	37	54.33	8	50.016	0	0	29	4.315	0	0.00

Award status	Awarded (incl WS sub projects-51 SEW sub projects- 9 Nos)	58	191.5829	24	172.1506	0	0	17	2.8	17	16.6323
	NIT issued but Not awarded	176	830.05	129	698.3264	0	0	37	6.719	10	125.00

Water supply- 213 sub projects

Sewerage- 36 sub projects

### **9.3.2 WATER SUPPLY- STATUS OF PENDING DPR ( Tranche -1&2- 21 Nos.(KWA-5, ULB-16)**

LIST OF WS DPRs NOT SUBMITTED AS ON DATE [KWA-5, ULB-16]					
Sl. No.	ULB	Project Name	CAPEX (Cr.)	STATUS	
<b>KWA projects</b>					
1	IRITTY	HH connection in various wards in Iritty Municipality	11.350	KWA informed that AMRUT fund may not be required as the comprehensive scheme will be taken up under KIIFB. <b>#8th SLTC decided to reallocate the fund.</b>	
2	MATTANNUR	Providing Individual Water Connection in All wards in Mattannur Municipality	13.378	KWA informed that AMRUT fund may not be required as the comprehensive scheme will be taken up under KIIFB. <b>#8th SLTC decided to reallocate the fund.</b>	
3	THIRUVANAN THAPURAM	FIFN - Laying of HDPE pipe from Aruvikara to Peroorkada and construction of 10 MLD sump at Peroorkada	94.93	DPR for an alternate project for 65.45 Cr. prepared by KWA. <b># Pending with ULB.</b>	
4	Erattupetta	Substituted project yet to be finalized	8.876	Proposal for Rs. 128 Cr. submitted by KWA	
5	THRISSUR	Substituted project	15	6 projects worth 42.94 Cr. were received as substituted projects for Rs. 58 Cr. I KWA Project for 10 Cr. Recommendation from KWA HQ is awaited. <b>Pending- 1 KWA PROJECT- 5.06 Cr.</b>	
		<b>TOTAL</b>	<b>143.534</b>		
<b>WS/ Micro WSS being directly undertaken by ULBs</b>					
6	Sreekandapuram	1) Payattuchal DWSS- canceled 2) Nediyinga PHC DWSS 3)MADAMPAM DWSS 4)Nediyinga Suvarnadhara DWSS	9.729	DPRs submitted by CWRDM is incomplete. DPRs are under revision by CWRDM.	
7	Wadakkancherry	1) Chathanchira Drinking Water Scheme for ward no 11,12,13 and 14. 2) Neeliara Drinking water scheme 3) pathazhakundu drinking water scheme.	16.075	DPRs are under preparation by CWRDM.	

8	Neeleswaram	1) DRINKING WATER SUPPLY SCHEME IN PALAYI AREA. 2) DRINKING WATER SUPPLY SCHEME AT PEROLE AREA . 3) DRINKING WATER SUPPLY SCHEME IN THAIKADAPPURAM AREA. 4) DRINKING WATER SUPPLY SCHEME IN IDICHUDI AREA 5) DRINKING WATER SUPPLY SCHEME IN SUVARNAVALLY AREA. 6) DRINKING WATER SUPPLY SCHEME IN NEELAYI AREA . 7) DRINKING WATER SUPPLY SCHEME IN KIZHAKKEKARA AND KADINHIKUZHI AREA.	12.25	DPRs submitted by CWRDM are incomplete. DPRs are under revision by CWRDM.
9	Kanhangad	Development for existing Vaazhunnoradi Drinking Water Scheme	5	DPR is under preparation by SEUF..
10	PANUR	AMRUT 2.0-Water Supply Scheme to Kakkayapurathu Ward 25in Panoor Municipality.	0.28	4/5 MWSS project reports found in place.
		TOTAL	<b>43.334</b>	

**Decision Taken:**

- ❖ **The Committee reviewed the progress of AMRUT 2.0. The Chair expressed concern over the slow progress and stressed the need to finish the AMRUT Mission on schedule. MD KWA and ULBs were asked to take urgent steps to issue technical Sanctions for all works of KWA & ULBs before the end of June and to award all the approved projects before the end of July 2023.**

**Agenda Item No.9.4: ADMINISTRATIVE SANCTION FOR WATER SUPPLY PROJECTS EXECUTED BY KWA IN KODUVALLY MUNICIPALITY:**

The SHPSC in it's 5th Committee meeting deferred the approval of the water supply project of Koduvally Municipality- *AMRUT-II-WSS to Koduvally Municipality in Kozhikode District: -Providing Functional Household Tap Connection & Construction of 10 LL Ground Level Service Reservoir* amounting to Rs.15.214 Cr. (CAPEX – Rs. 14.38Cr. & OPEX – Rs.0.834 Cr.),until the land for the Service reservoir was confirmed to be available. Now the Secretary, Koduvally Municipality has reported in letter No. P1/G1/8110/2021 dated 13.6.2023 that the land acquisition procedures as per the Municipality Act 2000 has been completed for the 15 cent land required for the proposed tank.

The project aimed to provide

- 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

DPR has been scrutinized by the KWA Headquarters and recommended for approval.

**Decision taken:**

- ❖ **The committee decided to recommend issuing the Administrative Sanction for the water supply project of Koduvally Municipality- AMRUT-II-WSS to Koduvally Municipality in Kozhikode District: -Providing Functional Household Tap Connection& Construction of 10 LL Ground Level Service Reservoir amounting to Rs.15.214 Cr. (CAPEX – Rs. 14.38Cr. & OPEX – Rs.0.834 Cr.) based on the confirmation of land availability from the Secretary of Koduvally Municipality.**
- ❖ **KWA was directed to ensure the technical viability, adequate source of water, justified provisions & rates, necessary clearances, 5-year Operation & Maintenance, and only admissible components are included as per AMRUT guidelines before issuing the TS.**
- ❖ **KWA was also directed to ensure the non-inclusion of Operation & Maintenance costs, Supervision charges, and value of land/ structures required for the project development under Central Assistance. If the said components are inevitable, the cost for the same may be met from the State/ ULB/KWA fund.**

**Agenda Item No.9.5: ADMINISTRATIVE SANCTION FOR MICRO WATER SUPPLY PROJECTS DIRECTLY EXECUTED BY THE ULB APPROVED UNDER 1ST AND 2ND TRANCHES OF SWAP:**

Under the 1<sup>st</sup> and 2<sup>nd</sup> Tranches of the State Water Action Plan, 29 Water supply/ Micro water supply projects amounting to Rs. 58 Cr. directly executed by 7 Urban local bodies were approved.

As of now, detailed project reports for 14/29 Water Supply/ Micro water supply projects were received from three ULBs.

Detailed project reports for 12 Micro water supply projects were received from ULBs of Kothamangalam (DPR prepared by Rajagiri College) and Panoor (DPR prepared by Kotoor Society are in place. Kothamangalam (Ernakulam District) and Panoor Municipalities (Kannur dist) have submitted 8 and 4 Micro WS projects respectively. For Kothamangalam the total cost required is Rs. 8.831 Cr. (CAPEX: Rs. 8.41Cr. and OPEX: Rs. 0.425 Cr.) and for Panoor the total cost required is Rs. 2.816 Cr.(CAPEX: Rs. 2.681Cr., OPEX: Rs. 0.135 Cr.), totaling Rs. 11.647 Cr (Capex: Rs. 11.091Cr. OPEX: Rs. 0.556 Cr) for Micro Water Supply Projects.

**Kothamangalam Municipality**

Kothamangalam Municipality has submitted 8 Micro Water supply project proposals costing Rs.8.41 Cr.

Major Components proposed:

- Micro Water supply schemes in Kothamangalam Municipality- 8 Nos (Source- Well and Pond).
- Source Augmentation – 5.05 lakh liters

- Construction of 8 new intake wells and pump houses.
- New distribution network- 32.67 KM
- Total households benefited – 1413

An excess amount of Rs. 2.91 Cr. is required (Allocated fund- Rs. 7.99 Cr. 1 KWA (2.49 Cr.) & 8 MWSS projects (8.41 Cr.)- Total- Rs. 10.90 Cr.). 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.

### **Panoor Municipality:**

Panoor Municipality has submitted 5 DPRs and the source of one at ward number: 25 seems to be with inadequate source. Hence, the remaining 4 DPRs are considered for submission. The total amount/cost for four projects is Rs. 2.681 Cr. (Capex: Rs. 2.681 Cr., OPEX: Rs. 0.135 Cr.).

Major components proposed:

Micro water supply schemes in Panoor Municipality – 4 numbers (Source: 1. Existing open well and 3 New intake wells.

- Source augmentation: 2.16 LL
- Construction of 3 new intake wells and pump house and existing one open well for which pump house needs to be constructed.
- New distribution Network: 15.75kms
- Total Household benefitted: 600 HH Benefitted.

SI 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>KOTHAMANGALA M</b>  <b>SWAP1</b> <b>Capex (Cr.) -1.42</b> <b>O&amp;M (Cr.) - 0.075</b> <b>Total Cost - 1.49</b>	AMRUT 2.0- Ward-12: Valiyapara Drinking Water Project	1.42	0.071	1.49	1) New intake well and pump house. 2)pumping system. 3)service reservoir. -1 LL 4) distribution network-5.51 KM 5) FHTCs- 257 Nos
2	<b>KOTHAMANGALA M</b>  <b>SWAP1</b> <b>Capex (Cr.) - 0.71</b> <b>O&amp;M (Cr.) - 0.036</b> <b>Total Cost - 0.746</b>	AMRUT 2.0- Ward-27: Vilayal Drinking Water Project	0.71	0.036	0.746	1)New intake well and pump house. 2) pumping system. 3)service reservoir. -0.25 LL 4) distribution network-2 KM 5) FHTCs- 122 Nos



3	<b>KOTHAMANGALAM</b>  <b>SWAP1</b> <b>Capex (Cr.) -0.97</b> <b>O&amp;M (Cr.) - 0.049</b> <b>Total Cost – 1.019</b>	AMRUT 2.0- Ward-23: Puthuppady Drinking Water Project	0.97	0.049	1.019	1)New intake well and pump house. 2) pumping system. 3)service reservoir. -0.75 LL 4) distribution network-3.86 KM 5) FHTCs- 174 Nos
4	<b>KOTHAMANGALAM</b>  <b>SWAP1</b> <b>Capex (Cr.) – 1.5</b> <b>O&amp;M (Cr.) - 0.075</b> <b>Total Cost -1.575</b>	AMRUT 2.0- Ward-25: South Venduvazhy Drinking Water Project	1.5	0.075	1.575	1)New intake well and pump house. 2)pumping system. 3)service reservoir.-1 LL 4)distribution network-4.71 KM 5) FHTCs-- 269 Nos
5	<b>KOTHAMANGALAM</b>  <b>SWAP1</b> <b>Capex (Cr.) - 1.66</b> <b>O&amp;M (Cr.) - 0.083</b> <b>Total Cost - 1.743</b>	AMRUT 2.0- Ward-3&4: Karingazha Drinking Water Project	1.66	0.083	1.743	1)New intake well and pump house. 2)pumping system. 3)service reservoir.-1 LL 4)distribution network-7.55 KM 5) FHTCs- 270 Nos
6	<b>KOTHAMANGALAM</b>  <b>SWAP1</b> <b>Capex (Cr.) - 0.55</b> <b>O&amp;M (Cr.) - 0.0280</b> <b>Total Cost -0.578</b>	AMRUT 2.0- Ward-22: Karakkunnam Drinking Water Project	0.55	0.028	0.578	1)New intake well and pump house. 2) pumping system. 3)service reservoir.-0.25 LL 4)distribution network-2.075 KM 5) FHTCs-- 125 Nos
7	<b>PANNUR</b> <b>SWAP1</b> <b>Capex (Cr.) - 0.280</b> <b>O&amp;M (Cr.) - 0.015</b> <b>Total Cost - 0.295</b>	AMRUT 2.0- Water Supply Scheme to Kunjhimutta Ward 09 in Panoor Municipality.	0.650	0.033	0.683	1) Intake: 4.00m Dia well cum pump house 2) Raw water Pump set: 2Nos 10 HP Pump, (One Stand by) 3)Raw Water Pumping main: 400m 90mm 4) Ground Level Service Reservoir: 25KLD RCC Tank 5) Distribution networks: 75mm PVC 1100m 90mm P VC 1200m 6) FHTC: 135 Nos
8	<b>PANNUR</b> <b>SWAP1</b> <b>Capex (Cr.) - 0.411</b> <b>O&amp;M (Cr.) - 0.035</b> <b>Total Cost - 0.446</b>	AMRUT 2.0- Water Supply Scheme to Pokkunnumala Ward 17in Panoor Municipality.	0.845	0.042	0.887	1) Intake: 5.00m Dia well cum pump house 2) Raw water Pump set: 2Nos 7.5HP Pump, (One Stand by) 3)Raw Water Pumping main : 550m 90mm 4) Over Head Service Reservoir:25 KL RCC Tank 5) Distribution networks: 75mm PVC 1900m 90mm P VC 2200m 6) FHTC: 175Nos

9	<b>PANNUR SWAPI</b> <b>Capex (Cr.) - 0.281</b> <b>O&amp;M (Cr.) - 0.015</b> <b>Total Cost - 0.296</b>	AMRUT 2.0-Water Supply Scheme to Meethaleparambil Ward 19 in Panoor Municipality.	0.436	0.022	0.458	1) Intake: 4.00m Dia well cum pump house 2) Raw water Pump set: 2Nos 5HP Pump, (One Stand by) 3) Raw Water Pumping main: 600m 90mm 4) Ground Level Service Reservoir:45 KLD RCC Tank <b>5) FHTC: 90Nos</b>
10	<b>PANNUR SWAPI</b> <b>Capex (Cr.) - 0.414</b> <b>O&amp;M (Cr.) - 0.035</b> <b>Total Cost - 0.449</b>	AMRUT 2.0-Water Supply Scheme to Peruvothu Ward 22 in Panoor Municipality.	0.750	0.038	0.788	1) Intake : 4.00m Dia well cum pump house (Existing) 2) Raw water Pump set: 2Nos 10HP Pump, (One Stand by) 3) Raw Water Pumping main : 600m 90mm PVC, 4) Ground Level Service Reservoir:25 KLD RCC Tank 5) Distribution networks: 75mm PVC 2900m 90mm P VC 3000m <b>6) FHTC: 150Nos</b>
	<b>TOTAL</b>		<b>9.491</b>	<b>0.475</b>	<b>9.966</b>	

#### **Deliberations:**

Two municipalities work viz. Kothamangalam (8No:) (Ernakulam District) and Panoor 4 No (Kannur District) have been taken up for a detailed discussion and directions from the SLTC Meeting.

Kothamangalam Municipality:

Firstly, The Kothamangalam Municipality-related DPR work towards the micro water supply system for 8 Projects has been taken up for discussion. The municipality assigned consultant for the proposed work is "Rajagiri College" Kochi presented a summary of 8 DPR. Out of 8 DPR presented, The project Unit cost at Kumbalathumury (ward 06) Rs.92592.59/Household and Ayyapanmudy (ward:6) Rs. 79881.65/Household has been scrutinized by the Committee and has declared the same on high unit costing.

The Chair has initially enquired about the present water supply system at Kumbalathumury. It was conveyed by the Consultant that it's through tanker water supply all over the year.

To the above, The Chair has advised a detailed Groundwater assessment study at both the above project location to find out a groundwater source availability with acceptable water quality standards in the project areas on a cluster-based approach by having 2 to 3 open wells in the cluster and plan for a drinking water supply system. This may serve as a cost-cutting/cost-effective measure in reducing the unit cost/household features.

Mission Director AMRUT, has suggested the development of water dispensing kiosks at the cluster level despite going for an individual household-level water distribution system as part of cost-cutting measures.

As far as Ayypanmudy (ward:6) is concerned, the Chair enquired about the present water supply system and its availability to how many populations.

The Consultant replied that the present system serves only 50 HH which is quite less and the status of the existing reservoir as leaky and needs a thorough restoration. He also said that serving the current 169 Households needs a complete re-visit of the design and system for the transmission and distribution scheme.

The Chair has also enquired about whether any mapping of Open dug wells existing in the project locations was carried out. The Consultant said that his scope of work does not cover the same.

The Chair has advised to contact Shri. Nizamuddin, Natural Resources Management expert/MNERGS, and also the State Groundwater department to seek their technical guidance in understanding the groundwater status of the study area and work out an optimal solution towards the provision of a safe drinking water facility for KumbalathuMury and Ayppanmudy.

The Consultant has substantiated that the claim towards higher unit cost is based on the location-specific terrain condition and the requirement of a safe and potable drinking water system for the neediest community.

Later, the Chair has also advocated that, if no groundwater sources are viable in the rocky terrain, the earlier submitted DPR and costing of the proposed project shall be considered for the provision of safe drinking water facilities to the community in the above two wards.

While the remaining 6 DPRs viz...Valiapara ( ward:12), Vilayal ( ward:27), Puthupady (ward23), South Venduvazhi (ward25), Karingazha( ward (3&4), Karakkunnam ( ward 22) have been recommended.

Panoor Municipality:

Among the five DPR details presented by the agency- Kotoor Society, it was conveyed that one of the projects (ward:25) has already been not considered by SMMU because of low Well yield

However, the remaining 4 numbers of Micro water supply projects viz. Kunjimutta (ward:9) Pookunnumala (Ward 17), Meethalaparambil (Ward 19), and Pervothu (Ward 22) have been recommended based on the Unit cost assessment falling Below Rs.50000/Households.

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

Thrissur Corporation has submitted 7 water supply projects for an amount of Rs. 134.5 Cr under the 1<sup>st</sup> tranche of SWAP.

Based on the confirmation of the Hon'ble Mayor, Thrissur Corporation, that ULB will complete the project under AMRUT 1.0 in its time frame, the 4th SHPSC meeting decided to cancel the water supply project in Thrissur under AMRUT 2.0 and to take up under AMRUT Phase-1-project namely AMRUT-2.0 - Thrissur Corporation-Supply and Laying of 800 mm DI K9 Pipeline (Additional CWGM - 18.70 km) from Peechi WTP to GLSRs at Thekkinkadu-Pipeline Work for Rs. 61 Cr. (CAPEX-58 Cr., OPEX-Rs. 3 Cr.).

Thrissur Corporation further submitted 4 water supply projects (KWA) of CAPEX Rs. 25 Cr. as replacement projects in the 8th SLTC Committee meeting and the 8th SLTC Meeting recommended the projects for issuing AS.

Now, Thrissur Corporation has submitted two more projects for issuing AS, directly executed by the ULB as follows;

- 1) Water Efficient Thrissur- Phase-2 (WET-2) amounting to Rs.18.79 Cr. (CAPEX – Rs. 16.948 Cr. & OPEX – Rs.1.842 Cr.)
- 2) AMRUT 2.0- Providing Additional Infrastructure for Laying 800 mm dia DI K9 Pipeline amounting to Rs.1.005 Cr. (CAPEX – Rs. 1.00 Cr. & OPEX – Rs. 0.005 Cr.)

1) Thrissur- Water Efficient Thrissur- Phase-2 (WET -2)

Thrissur Corporation has submitted the project Water Efficient Thrissur- Phase-2 (WET-2) as a substituted project for an amount of Rs.18.79 Cr. (CAPEX – Rs. 16.948 Cr. & OPEX – Rs.1.842 Cr.).

The major Components included are;

- 4000 smart meters for commercial consumers and street taps
- Water quality testing equipment in 4 OHT locations.
- Lora-WAN network for receiving signals from this equipment
- Smart water management application
- Online portal for the customer to see their consumption online
- Billing application for smart meter customers
- Household benefitted- 18,000

2) AMRUT 2.0- Providing Additional Infrastructure for Laying 800 mm dia DI K9 Pipeline

Thrissur Corporation has submitted the project Providing Additional Infrastructure for Laying 800 mm dia DI K9 Pipeline for an amount of Rs.1.005 Cr. (CAPEX – Rs. 1.00 Cr. & OPEX – Rs. 0.005 Cr.)

The laying of 800 mm DI pipe line project under AMRUT Phase -1, which is being directly executed by the ULB is under progress. The existing 700 mm DI pipe is passing through the existing bridge at Kolayanakuzhi, Pananchery GP. Currently the bridge space is being used by the Public for bridge crossing. Hence an additional bridge is required for laying the 800 mm DI pipe.

**Decision taken:**

- ❖ After detailed deliberations, the committee recommended issuing the **Administrative Sanction for the project- Water Efficient Thrissur- Phase-2 (WET - 2) for an amount of Rs. Rs.18.79 Cr. (CAPEX – Rs. 16.948 Cr. & OPEX – Rs.1.842 Cr.).**
- ❖ **The approval of the project, "Providing Additional Infrastructure for Laying 800 mm dia DI K9 Pipeline," for an amount of Rs.1.005 crore (CAPEX: Rs. 1.00 crore and OPEX: Rs. 0.005 crore), was kept on hold for want of proper documents.** Thrissur ULB was directed to provide the rationale for the requirement of a new bridge and the condition of the existing bridge, with photographs explaining the same.
- ❖ ULB was directed for ensuring technical viability, justified provisions & rates, necessary clearances, 5-year Operation & Maintenance, and only admissible components are included as per AMRUT guidelines before issuing the TS.
- ❖ ULB 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 by the State/ fund.

**Agenda Item No.9.7: ADMINISTRATIVE SANCTION FOR 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 amounting to <68.60 Crore Central Assistance. 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 per the Guidelines of AMRUT 2.0, Admissible components under Rejuvenation of Water bodies include;

- Rejuvenation of wetlands, and water bodies by desilting, strengthening the embankments, and stone packing.
- Diverting the polluting drains to treatment plants.
- Harvesting the rainwater through stormwater drains into the water body. (which is not receiving sewage/ effluent)
- Strengthening/ rejuvenation of the aquifers by appropriate infiltration and percolation of harvested surface water bodies.
- Creation/ strengthening of stormwater drains around the water body.
- Provision of STP to treat inflow into the water body.
- Development of community green spaces linked to a clean water body.

The 3rd Apex Committee had also given direction to all States to take up temple tanks and other traditional water bodies requiring rejuvenation in their Special SWAPs.

The 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.)

37 ULBs' proposals for 123 Rejuvenation of Water Body projects totaling Rs. 44.340 crore (CAPEX: Rs. 41.404 crore and OPEX: Rs. 3.055 crore, Central Assistance Rs. 19.29 Cr) were submitted to the SLTC and recommended to the SHPSC for administrative approval.

5 ULBs have now submitted plans for 10 water body rejuvenation projects totaling Rs. 2.201 crore (CAPEX: Rs. 2.066 crore and OPEX: Rs. 0.135 crore, Central Assistance Rs 1.00 Cr) for administration approval.

The details are as follows;

Sl No.	ULB	Name of the work	Amount as Per DPR			Major Components as per DPR
			Capex (Cr.)	O&M (Cr.)	Total Cost (Cr.)	
1	<b>KASARAGOD</b> CAPEX (CR.)=0.1 O&M (CR.)=0 TOTAL COST (CR.)=0.1	AMRUT 2.0- REJUVENATION OF ERUMAKKULAM POND IN KASARAGOD MUNICIPALITY	0.1	0.005	0.105	1. Bailing out water 2. Earthwork in excavation 3. Dismantling DR 4. RR Masonry
2	<b>KASARAGOD</b> CAPEX (CR.)=0.25 O&M (CR.)=0 TOTAL COST (CR.)=0.25	AMRUT 2.0- REJUVENATION OF KORAKKOD POND IN KASARAGOD MUNICIPALITY	0.167	0.008	0.175	1. Bailing out water 2. Earthwork in excavation 3. DR masonry
3	<b>IRITTY</b> CAPEX (CR.)=0.25 O&M (CR.)=0.01 TOTAL COST (CR.)=0.26	AMRUT 2.0- KUZHUMBIL TEMPLE POND RENOVATION - IRITTY MUNICIPALITY	0.38	0.01	0.39	1. Clearing jungle 2. Bailing out water 3. Earthwork in excavation 4. DR packing 5 RCC work
4	<b>PARAPPANANGADI</b> CAPEX (CR.)=0.91 O&M (CR.)=0 TOTAL COST (CR.)=0.91	AMRUT 2.0- REJUVENATION OF KADALUNDI RIVER IMPROVEMENT WORKS TO LEFT BANK- REACH1, REACH 2 & REACH 3 ALONG PARAPPANANGADI MUNICIPALITY	0.8157	0.05	0.8657	1. Earthwork in excavation 2. DR packing for Aprons 3. Dry Rubble masonry 4. Centering & shuttering 5 RCC work 6 Protection wall
5	<b>SREEKANDAPURAM</b> CAPEX (CR.)=0.05 O&M (CR.)=0 TOTAL COST (CR.)=0.05	AMRUT 2.0- REJUVENATION OF APPOORI POND IN SREEKANDAPURAM MUNICIPALITY	0.05	0.0025	0.0525	1. Clearing grass 2. bailing out water 3. Earthwork in excavation 4. DR masonry

6	<b>SREEKANDAPURAM</b> <b>CAPEX (CR.)=0.07</b> <b>O&amp;M (CR.)=0.005</b> <b>TOTAL COST (CR.)=0.075</b>	AMRUT 2.0- REJUVENATION OF KAMBLARI POND IN SREEKANDAPURAM MUNICIPALITY	0.075	0.00375	0.07875	1. bailing out water 2. Earthwork in excavation 3. Laterite masonry
7	<b>SREEKANDAPURAM</b> <b>CAPEX (CR.)=0.02</b> <b>O&amp;M (CR.)=0</b> <b>TOTAL COST (CR.)=0.02</b>	AMRUT 2.0- REJUVENATION OF RAJEEV NAGAR POND IN SREEKANDAPURAM MUNICIPALITY	0.02	0.001	0.021	1. Clearing grass 2. Earthwork in excavation 3. Bailing out water
8	<b>SREEKANDAPURAM</b> <b>CAPEX (CR.)=0.05</b> <b>O&amp;M (CR.)=0</b> <b>TOTAL COST (CR.)=0.05</b>	AMRUT 2.0- REJUVENATION OF NEDIYENGA PUTHIYAKULAM IN SREEKANDAPURAM MUNICIPALITY	0.05	0.0025	0.0525	1. Clearing grass 2. Bailing out water 3. Earthwork in excavation
9	<b>SREEKANDAPURAM</b> <b>CAPEX (CR.)=0.04</b> <b>O&amp;M (CR.)=0</b> <b>TOTAL COST (CR.)=0.04</b>	AMRUT 2.0- REJUVENATION OF KANIYAR VAYAL POND IN SREEKANDAPURAM MUNICIPALITY	0.04	0.002	0.042	1. Clearing grass 2. Bailing out water 3. Earthwork in excavation
10	<b>PERUMBAVOOR</b> <b>CAPEX (CR.)=0.5</b> <b>O&amp;M (CR.)=0.05</b> <b>TOTAL COST (CR.)=0.55</b>	AMRUT 2.0- PERUMBAVOOR- WB REJUVENATION- AIRATTUCHIRAPOND- RENOVATION OF AIRATTUCHIRA POND ( SIDE PROTECTION AND CLEANING ETC.)	0.3689	0.05	0.4189	1. Bailing out water 2. Earthwork in excavation 3. DR packing 4. Steel work 5. RCC work
	<b>TOTAL</b>		<b>2.0666</b>	<b>0.1347</b>	<b>2.2013</b>	

#### Deliberations:

- ❖ The Additional Chief Secretary, L.S.G.D., opined that the rejuvenation of water body proposals is to adopt a nature-based resource management approach that enhances the ecological functions and services of the water bodies. This involves restoring the original source of water, increasing the water flow, and improving the water table in the surrounding areas. Therefore, the proposals should include clear and measurable indicators of how these aspects of ecosystem improvement and a holistic-level approach would be incorporated and justified in the project design and implementation.
- ❖ The M.D., AMRUT, informed the ULBs that necessary directions would be given to them to incorporate the requisite provisions in the estimate while issuing the technical sanction.

**Decision taken:**

The committee decided to approve in principle and recommended issuing Administrative Sanction for 10 Rejuvenation of Water Body projects proposed amounting to Rs. 2.2013 Cr. (CAPEX – Rs.2.0666 Cr. & OPEX - Rs.0.1347 Cr.) to the SHPSC subject to the following;

- ❖ Before issuing Technical Sanctions, ULBs shall ensure that the projects should include a nature-based resource management approach that enhances the ecological functions and services of the water bodies. This involves restoring the source of water, increasing the water flow, and improving the water table in the surrounding areas.
- ❖ ULBs shall ensure the following before issuing Technical Sanctions;
  - The projects should be geotagged and uploaded on the AMRUT portal for monitoring and evaluation purposes.
  - The projects should not utilize any other Central/State fund for the project components that are already included in the AMRUT scheme.
  - 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.
  - Technical viability, land availability, justified provisions & rates, and mandatory clearances.
  - The projects should adopt all possible and environmentally friendly methods, such as geotextile and turfing towards bund strengthening and preventing soil erosion and water losses towards conservation of water bodies
  - The projects that are difficult to implement due to any reason should be reported to SMMU at the outset so that funds can be diverted to other feasible projects.
  - The water bodies that have been constructed or renovated using other funds in the last ten years should not be included in the AMRUT scheme.
  - The ULB should ensure the approval of the Municipal Council before implementing the scheme.
  - The projects should include only admissible components as per AMRUT guidelines and provide for 5-year Operation & Maintenance of the water bodies after completion.
  - ULBs were directed 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.
- ❖ The over and above the SAAP amount shall be borne by the ULBs



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

The allocated fund for the Irinjalakuda Municipality for the water supply project is Rs.13.058 Cr. The Municipality had submitted 4 water supply projects for the allocated fund and Administrative sanctions were accorded for all four projects.

Now the Municipality has requested for replacement of the work, “**AMRUT2.0- Mini Water Supply Scheme to ward 1 and 2 of Irinjalakuda Municipality**”, for which AS was issued vide G.O. (Rt) No.473/2023/LSGD dated 23/02/2023 for a total project cost of Rs.0.840 Cr. (CAPEX- Rs. 0.800 & OPEX- Rs.0.040Cr.) and forwarded the Council resolution vide decision No. 16 dated 6.06.2023 with justification vide letter No.PC1(PW2)-4064/22 as follows;

This project aimed to solve the shortage of drinking water in Wards 1 and 2 of Irinjalakuda Municipality. Wards 1 and 2, located on the northern border of Irinjalakuda Municipality, are at the end of the existing distribution network of the Irinjalakuda Water Supply Scheme (IWSS). At present, water shortages in the upper reaches are due to blockages in the distribution pipe between Puthanthod and Karuvannur bridges on the Kodungallur-Shornur state highway. PWD denied permission to cut open the tar road and identify the blockage. Hence, a mini-water supply scheme was proposed for Wards 1 and 2 under AMRUT 2.0.

KSTP has taken over the charge of the above road for renovation, and they are going to replace the existing blocked pipelines on both sides of the road. Work is expected to begin in September 2023. When this work is over, water can be given from the existing IWSS without the implementation of the source components of the new water supply scheme; only distribution lines and FHTCs have to be implemented in Wards 1 and 2. Thus, the amount saved is proposed to be used to lay additional distribution lines.

KWA also got another administrative sanction for an 18 MLD capacity water treatment plant project in Mangadikunnu for Irinjalakuda Municipality, Muriyad, and Velukkara Panchayaths. In the proposed scheme, an additional requirement of 4.5 MLD was included for the Irinjalakuda Municipality. This will solve the water shortage in different areas of the municipality, including wards 1 and 2. Considering the above facts, there is a need to change the scope of the Mini Water Supply Scheme for Wards 1 and 2.

The replacement project is proposed after reducing the original scope of work and providing the distribution lines and 200 FHTCs Hence, the Council has decided to recommend the replacement project, AMRUT 2.0: Improvement of Water Supply Systems of Irinjalakuda Municipality, and IWSS: Strengthening of Water Supply Distribution System in Wards 1 and 2, for approval at Rs. 0.840 crores (CAPEX: Rs. 0.800 and OPEX: Rs. 0.40 crore) for approval.

**Decision taken:**

- ❖ **The Committee recommended the following to the SHPSC;**
  - **the cancellation of AS issued for the project-AMRUT2.0- Mini Water Supply Scheme to ward 1 and 2 of Irinjalakuda Municipality”, for Rs.0.840 Cr. (CAPEX- Rs. 0.800 & OPEX- Rs.0.040Cr.)**
  - **and to issue the AS for the replacement project, AMRUT 2.0 - Improvement of water supply systems of Irinjalakuda Municipality – IWSS - Strengthening of water supply distribution system in ward 1 & 2 for Rs. 0.840 Cr. (CAPEX- Rs. 0.800 & OPEX- Rs.0.040Cr.)**

**Agenda Item No.9.9: IRINJALAKKUDA MUNICIPALITY- REVISED AS FOR THE PROJECT - AMRUT 2.0- PROVIDING HOTLINE FROM MANGADIKKUNNU WTP TO WARDS 23 AND 32 OF LRINJALAKUDA MUNICIPALITY, STRENGTHENING OF OLD AC AND PVC PIPES BY REPLACING THEM WITH NEW PE/PVC PIPES. AND PROVIDING 200 NUMBERS OF FHTCS**

The allocated fund for the Irinjalakuda Municipality for the water supply project is Rs.13.058 crore. The municipality had submitted four water supply projects for the allocated fund, and Administrative Sanctions have been accorded for all four projects.

The Administrative Sanction for the work AMRUT 2.0: Providing a Hotline from Mangadikkunnu WTP to Wards 23 and 32 of Irinjalakuda Municipality; Strengthening old AC and PVC pipes by replacing them with new PE and PVC pipes and providing 200 numbers of FHTCs was accorded vide G.O. (Rt) No. 473/2023/LSGD dated February 23, 2023 for Rs. 1.680 crore (CAPEX: Rs. 1.600 crore and OPEX: Rs. 0.080 crore)

A NIT was issued for the work with a due date of May 5, 2023, and an opening date of May 6, 2023. Only a single offer was received, and the tender was extended with a due date of May 10, 2023. Two bids were received, and the tender opened on May 11, 2023. The L1 bidder quoted 10.16% above Tended PAC (TPAC-Rs.1,30,53,310), and upon negotiation, the L1 bidder reduced the amount to 9.07% above TPAC.

TPAC	– Rs. 1,30,53,310/-
Quoted PAC	– Rs. 1,43,79,232/-
Accepted PAC after negotiation	– Rs. 1,42,38,232/-
Tender Excess	– Rs.1,398,208. (Rs. 1,184,922+ 18% G.S.T)

The Municipal Council held on 6.6.2023 decided to request the SLTC for the additional fund due to the tender excess based on the letter from the Superintending Engineer, Thrissur . The details are as follows:

Sl No	Description	Original Proposal	Revised Proposal	Remarks
A	Tendered PAC/ Accepted PAC	Rs. 1,30,53,310/-	Rs. 1,42,38,232/-	Quoted PAC- Rs. 1,43,79,232/- Accepted PAC after negotiation – Rs.1,42,38, 232/-
B	Water connection charges	Rs. 1,31,125/-	Rs. 1,31,125/-	
C	Restoration Charges PWD	Rs. 1,50,000/-	Rs. 1,50,000/-	
D	Advertisement Charges	Rs. 1,00,000/-	Rs. 1,00,000/-	
E	TOTAL (A+B+C+D) including 18% GST	Rs. 1,60,00,000/-	1,72,50,841/-	
	ADDITIONAL AMOUNT REQUIRED		Rs. 12,50,841/-	
	REVISED AS REQUESTED		1,72,50,841/-	

The Managing Director KWA vide letter No.KWA/ JB/PIU2/10/JJM-URBAN/2021/AMRUT 2.0- Thrissur Circle dated 12.06.2023 also requested the revision of AS for the project.

**Decision taken:**

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

**Agenda Item No.9.10: PATHANAMTHITTA MUNICIPALITY- REVISED AS FOR THE PROJECT- AMRUT - 2.0- CITY WATER ACTION PLAN - STRENGTHENING OF WATER SUPPLY SCHEME- LAYING RAW WATER & CLEAR WATER PUMPING MAIN, CONSTRUCTION OF 10 MLD WTP, SUPPLY AND INSTALLATION OF PUMP SETS, TRANSFORMER**

The allocated fund for the Pathanamthitta Municipality for the water supply project is Rs.12.378 crore. The municipality had submitted three water supply projects for Rs.15 Cr. and an amount of Rs.2.622 crores was allocated from the floating incentive. Administrative Sanctions have been accorded for all three projects.

The Administrative Sanction for the subject work AMRUT - 2.0- City Water Action Plan - Strengthening of Water Supply Scheme- Laying Raw Water & Clear Water Pumping Main, Construction of 10 MLD WTP, Supply and installation of pump sets, the transformer was accorded vide G.O.(Rt)No.2906/2022/LSGD dated 24/11/2022, for Rs. 11.250 Cr. (CAPEX: Rs.10.750 and OPEX: Rs. 0.500 Cr.). The project components include a 10 MLD WTP, pumping mains, etc.

Now, the Secretary of Pathanamthitta Municipality vide letter No. E1-130091/2021 dated 12.6.2023 has forwarded the Council decision No. 17 requesting sanction for revision of AS due to the additional requirement of **Rs.3.59 Cr.** due to foundation design modifications and estimate revision.

It has been reported that the site for the WTP is located at the KWA-owned land at Pampoorippara in Pathanamthitta district. Soil investigation was carried out at the site through the College of Engineering Trivandrum. The soil investigation report revealed that the soil is mainly loose in nature and suggested a pile foundation at the depth of 4-9 m a for the WTP. However, in some places where hard soil/rock is available at lower depths, a footing can also be used as an alternative foundation.

While the estimation for the WTP and other components is completed, the total estimated cost increased to **Rs.14.34 Cr.**

The detailed break up as follows:

Components	Original Proposal	Revised Proposal	Additional Amount
Raw Water Pumping Main	10912475.21	11011455.13	98979.92
Clear Water Pumping Main	4093155.11	4093155.11	0
Water Treatment Plant	61740750	89459616.14	27718866.14
Pumpsets	10202388.06	12716314.34	2513926.28
Transformer	4140287.32	4140287.32	0
Miscellaneous	0	69131.99	69131.99
Total	91089055.7	121489960	30400904.33
GST (18%)	16396030.03	21868192.81	5472162.779
Net Total	107485085.7	143358152.8	35873067.11
Grand Total (after round off)	<b>107500000</b>	<b>143400000</b>	<b>35900000</b>

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 of Rs. 3.590 Cr. can be met from this fund.

**Decision taken:**

- ❖ After detailed deliberations, The Committee decided to recommend to the SHPSC; the revision of the Administrative Sanction of the project due to the design change - AMRUT 2.0- City Water Action Plan -Strengthening of Water Supply Scheme-Laying Raw Water & Clear Water Pumping Main, Construction of 10 MLD WTP, Supply and installation of pump sets, the transformer from Rs. 11.250 Cr. (CAPEX: Rs.10.750 and OPEX: Rs. 0.500 Cr.) to Rs. 14.42 Cr. (CAPEX: Rs. 14.34; OPEX: Rs.0.080 Cr.
- ❖ The additional fund requirement of Rs. 3.590 Cr. shall be met from the floating fund for the Water supply sector.

**Agenda Item No. 9.11: ERATTUPETTA MUNICIPALITY- PROPOSAL SUBMITTED BY THE KERALA WATER AUTHORITY**

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

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

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

The major components included in the proposal are as follows;

Apportioned cost for JJM Project	The floating pump house at Malankara Dam RAW WATER pumpset 1000 MM RWPM Boosting station at Vallippara 45 MLD WTP at Neelore etc.	Rs.34.77 Cr.
Zone-1 Thevarupara	10 LL OHSR at Thevarupara. Conveyance Main from JJM Scheme. Gravity mains. Distribution network FHTCs	Rs. 43.01 Cr.
Zone 2- Aruvithura-	6 LL OHSR at Aruvithura Conveyance Main from JJM Scheme. Gravity mains. Distribution network FHTCs	Rs. 28.00 Cr.
Zone 3- Valiachanmala	4 LL OHSR at Valiachanmala Conveyance Main from JJM Scheme. Gravity mains. Distribution network FHTCs	Rs. 22.00 Cr.
<b>TOTAL</b>		<b>Rs. 127.78 Cr.</b>

**SMMU Observations:**

There is no sustainable water supply source for Erattupetta. By means of utilizing the already awarded common components of JJM Neeloor, Water Supply to Erattupetta town can be provided. Water supply @ 150 LPCD to the municipality has to be tapped from near the proposed OHSR at Vettiparambu in the Neeloor scheme about 4km from Erattupetta.

The estimate for minimum required components can be met from the AMRUT as the balance funds are only limited. If we consider Zone-1 Thevarupara, which is the highest location among OHSR for other zones, the estimated amount will come down to Rs. 43.01 Cr. Future expansion will also be possible by gravity. Thevarupara and major portions of Erattupetta can also be serviced. The amount required may be met from the floating fund.

**Deliberations:**

- ❖ The Mission Director AMRUT explained the proposal submitted by KWA as follows;
- ❖ The fund allocated for the Erattupetta Municipality for the water supply projects is Rs.8.88 Cr. Initially, the Municipality had submitted proposals for the Micro Water Supply Scheme with bore wells as sources. The 5th SHPSC meeting instructed the Erattupetta Municipality to revise the project proposal replacing the borewell sources with other surface water sources.
- ❖ Accordingly, the Executive Engineer, KWA Kottayam has now submitted an alternative proposal for the Erattupetta Municipality for Rs. 128 Cr. which comprises- Apportioned cost for JJM Project, Zone-1 Thevarupara, Zone 2- Aruvithura and Zone 3- Valiachanmala.
- ❖ He added that as the floating funds are limited, only Zone -1 Thevarupara scheme may be considered under AMRUT. Though KWA has prepared a detailed estimate for Zone -1 Thevarupara for Rs. 43.01 Cr, as the funds are limited the Mission Director suggested limiting the estimate to Rs. 20 Cr. including the allocated fund of Rs. 8.88 Cr.
- ❖ The Chairperson, Erattupetta Municipality has informed the Committee that the Municipality is facing a severe water scarcity situation and hence requested the Committee to consider its situation positively and to issue required funds for the projects.

**Decision taken:**

- ❖ **After reviewing the project proposals, based on the recommendation of the AMRUT, the Committee decided to recommend to the SHPSC to allocate an additional fund of Rs.11.12 Cr. from the floating fund in addition to the allocated fund of Rs.8.88 Cr. (Total- Rs.20 Cr.)**
- ❖ **KWA was instructed to recast the DPR with essential components for Zone-1 Thevarupara limiting to Rs. 20 Cr.**
- ❖ **KWA was also directed to meet the total expense for the common components under the JJM scheme.**

**Agenda Item No.9.12: APPROVAL TO HIRE ADDITIONAL SPACE FOR SMMU, AMRUT**

On the basis of extending the operation of AMRUT 2.0 to all the urban local bodies in the state, the SMMU staff pattern has been restructured. Currently, 30 staff, including interns, are working at SMMU and the SMMU is functioning in a rented building with an area of 2800 square feet on the 4th floor of the ARTECH building in Thycaud. The office facility is very inadequate as per the revised staff pattern. Moreover, the CTP has requested a separate space for the GIS mapping work which is essential for planning and monitoring the AMRUT sub-schemes. In addition to the above, the existing conference hall is inadequate for conducting meetings and workshops with various stakeholders.

Keeping in view the revised staff strength, new requirements and the government directions vide G.O. (Ms.) No. 1/2022/PWD dated 10/01/22 for office space requirements, a building with an area of 4972 sq ft is required. Since the present rented building is only 2800 square feet, a building area of 2172 sq ft (202.0 sq m) is additionally required for meeting the new requirements.

On detailed inquiry, a space of 202.0 sqm is available in the same building where the current office is functioning. The matter was placed before the 6th SLTC, requesting permission to rent the additional space required. The Committee directed the Mission Director AMRUT to work out the financial outlay for the proposed new office space of the State Mission Management Unit (SMMU) and to submit it before the next Committee after evaluating the same by the Chief Engineer LSGD. Accordingly, the details have been forwarded to the Chief Engineer, LSGD to assess the financial outlay. As per the verification report of the Chief Engineer, the additional office space of 202.0 sqm would cost Rs. 48680/PM (240.77/Sqm). Also, negotiations have been conducted with the house owner and she agreed to rent the building at Rs.35/Sqft ( Rs.376.6/sqm) excluding 18% GST which is the current rent rate of the present office with the following conditions.

- Electricity, Water, and MMC (Monthly Maintenance Charges) are extra payable by Lessee as applicable.
- Two Year period first agreement with 3 months' rent as advance.
- Every two years 10% enhancement on mutual agreement. This increment of 10% is applicable from the beginning of the 3rd year of the contract.
- Two Car Parking Spaces will be allotted.
- For modification/alteration one month rent-free at the beginning of the contract.

The rent of the building including 18% GST comes to Rs. 89766/Month. The matter was placed in the 8th SLTC. The Committee directed the Mission Director AMRUT to estimate the space requirements as per the PWD norms and report to the next SLTC. The space requirements have been worked out based on the G.O. (Ms.) No. 1/2022/PWD dated 10/01/22 for office space requirements which comes to 4972 sqft. The additional space requirement after deducting the existing space of 2800 sqft comes to 2172 sqft ( ie 202sqm).

The 8th SLTC recommended to the SHPSC the rent rate of Rs.376.6 / Sqm, which amounts to Rs.89,766 /- per month for the additional space of 202 sq m for SMMU in the same building where SMMU is working. It was also directed to submit the proposal for the modification works to be done for the new office space. The State Nirmithi Kendra was requested to provide a detailed estimate for the modification works. They have provided a detailed estimate which comprises wall finishing, false ceiling, and a cabin partition. A/C, electrification, plumbing, conference table, etc. The total cost of the modification works based on DSR 2018 comes to Rs. 3146944/- (Rupees Thirty-One Lakh Forty Six Thousand Nine Hundred and Forty-Four only).

**Deliberation:**

- ❖ The Mission Director AMRUT reported that based on the 8th SLTC Meeting decision to estimate the space requirements as per the PWD Norms, the space requirements have been worked out based on the G.O. (Ms.) No. 1/2022/PWD dated 10/01/22.
- ❖ The required office space as per the PWD norms would be 461.92 Sqm (4972 sqft.) Since the present rented building is only 260 sqm (2800 sqft.), a building area of 202.0 sq m (2172 sqft.) is additionally required for meeting the new requirements.
- ❖ Further, the State Nirmithi Kendra has provided a detailed estimate for the modification works for the office space including wall finishing, false ceiling, and a cabin partition. Additionally, the works also cover A/C, electrification, plumbing, conference table, etc. The total cost of the modification works is Rs. 3146944/- (Rupees Thirty-One Lakh Forty-Six Thousand Nine Hundred and Forty-Four only), based on DSR 2018.

**Decision taken:**

**The Committee decided to recommend the following to the SHPSC;**

- ❖ **Permission to hire an additional 202 sqm for SMMU at the rate of Rs. 376.60 per sqm in the same building where SMMU is working.**
- ❖ **To arrange requisite modification works for the office space costing Rs.31,46,944/- (Rupees Thirty-One Lakh Forty-Six Thousand Nine Hundred and Forty-Four only), based on DSR 2018. through the Kerala State Nirmithy Kendra.**

**Agenda Item No.9.13: RECONSTITUTION OF CONSULTANT EVALUATION COMMITTEE FOR PDMC:**

As envisaged in the request for proposal a Consultant Selection Committee has to be constituted for the evaluation process of the proposals received for the selection of a Project Development and Management Consultant.

The CSC will evaluate the Technical Proposals and a Technical Proposal Evaluation Report will be submitted to the SLTC for approval. On approval of the same, Finance Proposals will be opened of the qualified Consultants. The Committee will again prepare the final score of the qualified consultants based on the technical score and financial score and as per the selection criteria envisaged in the RFP. The Rank list will be submitted to the SLTC for approval and further negotiation process as envisaged in the RFP to finalize the consultant (PDMC).

The 1<sup>st</sup> SHPSC meeting approved the constitution of the Consultant Screening Committee as shown below:

Mission Director, AMRUT	Chairman
Technical member, KWA	Member
Chief Engineer, LSGD	Member
Director, Suchitwa Mission	Member
Director, CMD	Member
Deputy Mission Director, AMRUT	Member
Chief Engineer, Sewerage Wing, KWA	Member
Dr. N.C Narayanan, IIT Mumbai	Member

As the RFP has been modified with the additional scope of works for the preparation of 24X7 Water supply projects, Study for NRW reduction, etc. the Consultant Selection Committee(CSC) may be reconstituted by including the KWA officials, Chief Engineer Projects KWA & Deputy Chief Engineer, PIU2 as follows;



Mission Director, AMRUT	Chairman
Technical member, KWA	Member
Chief Engineer, LSGD	Member
Director, Suchitwa Mission	Member
Director, CMD	Member
Deputy Mission Director-1& 2, AMRUT	Member
Chief Engineer, Sewerage Wing, KWA	Member
<b>Chief Engineer Projects KWA</b>	<b>Member</b>
<b>Deputy Chief Engineer, PIU2 KWA</b>	<b>Member</b>
Dr. N.C Narayanan, IIT Mumbai	Member

The roles and responsibilities of the CSC shall be as follows;

- 1) The CSC will provide Clarifications to the Pre-bid queries.
- 2) The CSC will evaluate the Technical Proposals and a Technical Proposal Evaluation Report will be submitted to the SLTC for approval.
- 3) The Committee will prepare the final score of the qualified consultants based on the technical score and financial score and as per the selection criteria envisaged in the RFP.
- 4) The Rank list will be submitted to the SLTC for approval and further negotiation process as envisaged in the RFP to finalize the consultant (PDMC).

#### Decision Taken-

- ❖ **The SHPSC decided to approve the reconstitution of the Consultant Selection Committee (CSC) as follows;**

Mission Director, AMRUT	Chairman
Technical member, KWA	Member
Chief Engineer, LSGD	Member
Director, Suchitwa Mission	Member
Director, CMD	Member
Deputy Mission Director-1& 2, AMRUT	Member
<b>Chief Engineer Projects KWA</b>	<b>Member</b>
Dr. N.C Narayanan, IIT Mumbai	Member

**Agenda Item No.9.14: MANDATORY REFORMS-SUBMISSION OF DETAILS ON THE AMRUT 2.0 PORTAL:**

Urban Reforms is one of the components under AMRUT 2.0. The Ministry of Housing & Urban Affairs, Government of India have issued a toolkit on Urban Reforms under AMRUT 2.0. The reform agenda focuses on improving the financial health of ULBs, the water security of cities, and the ease of living of citizens by improving the delivery of municipal services. In order to encourage the ULBs to implement the reforms, AMRUT 2.0 incentivizes the successful implementation of a set of reforms for better delivery of citizen-centric services and the financial health of the ULBs. An amount of ₹ 5,340 Crore has been earmarked as Reform Incentive by MoHUA. Eight per cent of the Central Assistance allocated to AMRUT 2.0 projects as per Budget Estimate has been earmarked as reform incentives.

The Reform agenda is expected to be achieved through the successful implementation of 2 Mandatory Reforms and 7 incentive-based reforms. Mandatory reforms will be on property tax and user charges(water supply & Sewerage). The States will have to implement these Mandatory reforms in the first two years from the launch of the Mission to be eligible for Central Assistance from the third year onwards. These Mandatory reforms are to be implemented and submitted by 30th September 2023. The State and ULBs have to upload the notifications and the supporting documents on the AMRUT 2.0 Portal.

<b>Reform</b>	<b>Milestone</b>	<b>Eligibility Criteria</b>	<b>Supporting documents</b>
1. Mandatory Reform on Property Tax	Notification of property tax floor rate which will be a function of Guidance value/circle rate  <b>Desirable condition:</b> Increase in property tax collection periodically	Issuance of notification on property tax floor rate by the State.	1) Copy of notification by State on property tax.  2) A year-wise report on property tax comprising following for 2018-19, 2019-20 and 2020-21:  i. Number of properties mapped. ii. Number of properties against which property tax bill raised. iii. Amount of property tax raised. iv. Property tax collected.

<p>2. Mandatory Reform on User Charges</p>	<p>Notification by the state on user charges of water supply and sewerage. User charges should reflect expenditure on operation and maintenance of water &amp; sewerage services at least partly.</p> <p>Desirable condition: Increase in the collection of user charge of water supply and sewerage services periodically.</p>	<p>Issuance of notification on user charges by the State.</p>	<ol style="list-style-type: none"> <li>1) Copy of notification by State on user charges.</li> <li>2) A year-wise report on user charge collection for water supply and sewerage in F.Y. 2018-19, 2019-20 and 2020-21 comprising the following: <ol style="list-style-type: none"> <li>i. Number of households in State</li> <li>ii. Number of households in the State paying user charges for water supply and sewerage.</li> <li>iii. Amount of user charge bills raised by the State for households.</li> <li>iv. Amount of user charges collected by the State from households.</li> </ol> </li> <li>3) Cost of O &amp; M of water services to the State vis. a vis. cost recovered through user charges. Collection from households and other users is to be reflected separately.</li> </ol>
--	---	---	---

**Decision Taken-**

- ❖ **The SLTC accorded sanction for uploading the Government orders on property tax, User charges, and Supporting documents on the AMRUT 2.0 Portal.**

**Agenda Item No.9.15: PROJECT MANAGEMENT SOFTWARE FOR AMRUT PROJECT MONITORING**

To help in monitoring physical & financial progress of AMRUT projects, a Web-based and mobile-based project monitoring system providing real-time updates on the progress of each project to the public and stakeholders is highly necessitated. The system will improve the efficiency and effectiveness of the AMRUT Kerala project monitoring process by reducing the human factor and speeding up the process, resulting in faster information flow across the hierarchy. Overall, the system will enhance the ability to deliver better service to its beneficiaries.

Currently, AMRUT Kerala's project monitoring system uses the Manual Spreadsheet Process , time-consuming, and prone to errors. The project monitoring process involves collecting data from different sources, including paper-based reports, and manually collating and analyzing the data to generate project progress reports. This process is time-consuming and often results in delays in decision-making and project completion.

As such, The firm TRAVANSOFT SOLUTION (a Startup registered under Kerala Startup Mission) has been entrusted for developing a Web-based and mobile-based project monitoring system with the following features:

### 1. Web Application

Dashboard, Data & progress updation and Monitoring, uploading all information of the projects including related documents)

### 2. Mobile Application

Dashboard, Progress updation from the field, Photo capturing & attaching to the projects, Geotagging, Risk/ issues updation, etc. )

### 3. Public Web portal

Provides easy access to project-related information and updates to the public.

It will ensure transparency and accountability in project management. They can access project details, Physical and financial progress, Documents, Gallery, etc.

The PMS aims to automate the current manual project monitoring system used by AMRUT Kerala and provide real-time updates on project progress to the public and stakeholders. The project will involve the development of a web portal and a mobile app that will allow project managers to input project progress data in real-time. The system will also allow the public and stakeholders to access project progress updates in real-time, enhancing transparency and accountability.

TRAVANSOFT SOLUTION has submitted a Proposal for implementing Web based Project Monitoring System at AMRUT KERALA.

Travansoft will provide the necessary faculty for the training, but the institution will need to arrange for the infrastructure and support personnel for the attendees. Technical support will be provided for a period of **12 months** from the completion date of the project. Trainers will also be trained while delivering the product. After the free support period, AMC may be taken for the support.

As per the **GO(MS) No.2/2022/SPD** dated 05.07.2022, it can be purchased the products/ Services directly costing less than 50 Lakh from the Startups registered under KSTM

Product Costing for the Implementation and customization of the Project Monitoring system as follows;

Product development and Support Cost		
SI No	Modules	Cost
1	Implementation and customization of the Project Monitoring system at AMRUT Kerala (excluding GST & Statutory deductions)	₹13,85,000.00
2	Technical Support for 12 months	Free

### Decision Taken-

- ❖ **The Committee observed that, the proposed cost for the implementation and customization of the Project Monitoring system at AMRUT Kerala seems slightly on the higher side. Hence it was suggested to send the proposal to the Kerala Startup Mission (KSTM) for scrutiny of the proposal and finalizing the cost.**

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

The Secretary of Thiruvananthapuram Corporation & DCE, PIU2 KWA has presented the Agenda before the Committee as follows;

- Total Allocated Fund for Thiruvananthapuram for Water Supply Projects- Rs. 294.13 Cr. (incl. Floating fund-Rs. 193.45 Cr.)
- Projects approved under Tranche 1&2 – 34 projects for Rs. 228.847 Cr.
- AS issued for- 33 Projects for Rs. 133.917 Cr.

Based on the report of CE KWA, a project approved under 1st tranche- *FIFN - Laying of HDPE pipe from Aruvikara to Peroorkada and construction of 10 MLD sump at peroorkada* for Rs. 94.93 Cr., is not feasible as no water is available for augmenting the water supply to the Thiruvananthapuram city and also the existing pipelines have the carrying capacity to feed the treated water from Aruvikkara to the Thiruvananthapuram city. In view of the above, proposals of two replacement projects amounting to Rs. 94.915 Cr. instead of the approved project were presented for issuing the AS.

Replacement Project-1: Laying Transmission main with M.S pipe from Peroorkada to Manvila including interconnection and allied works.- Rs. 66.1 Cr.(CAPEX- Rs. 65.45 Cr. & OPEX- Rs.0.650 Cr.)

The work is essential for providing sufficient water to Techno Park, CRPF Pallippuram areas from where complaints on water shortage are being received on a daily basis.

#### Components

- Transmission main for a length of 16 km
- Construction of valve chamber, Anchor block, Stream crossing, Rubble work, and miscellaneous work
- Existing Connection served in- 1,22,159 Nos.
- Road restoration- 11.04 cr. etc.

Unit cost assessment falling Below Rs.50000/Households

Replacement Project-2: AMRUT 2.0: TWSS – Providing Water Supply Distribution Network to Chandavila & Kattayikonam under Thiruvananthapuram Rs. 30.935 Cr. (CAPEX- Rs 29.465Cr. & OPEX- Rs. 1.470 Cr.)

Chandavila & Kattayikonam wards were recently added to the Trivandrum Corporation. A major portion of these wards is not having a water supply distribution network. As the developments in these wards are in top gear it is essential to provide a network in these areas as the natural sources which people are depending on now are getting contaminated day by day.

## Components

- Distribution network - 80 Km
- New FHTCs - 4000 Nos.

Unit cost assessment -Rs.77000/Households. The Project does not satisfy the criteria

The Secretary of Thiruvananthapuram Corporation and the DCE, PIU2 KWA explained the rationale for the higher unit cost for the 2nd replacement project, as follows;

A major portion of the Kattayikonam and Chanthavila wards lies on the northern side of the Kazhakuttom - Venjaramoodu NH bypass road. At present there is no water supply distribution network in this area. People depend on well water for their daily needs and these wells become dry during the summer season. To provide safe drinking water with adequate quantity, a new distribution network for about 80 Km with various diameter pipes need to be laid for providing water supply and FHTCs in the area. Hence the cost of the total project is high compared to the number of FHTCs given.

### **Decision Taken-**

- ❖ **After detailed deliberations based on the justifications provided by the KWA, the committee decided to recommend the issuance of Administrative Sanction for the water supply projects of Thiruvananthapuram Corporation subject to the approval of the Council and by the APEX Committee;**
  - 1) **Laying Transmission main with M.S pipe from Peroorkada to Manvila including interconnection and allied works.- Rs. 66.1 Cr.( CAPEX- Rs. 65.45 Cr. & OPEX- Rs.0.650 Cr.)**
  - 2) **AMRUT 2.0: TWSS – Providing Water Supply Distribution Network To Chandavila & Kattayikonam under Thiruvananthapuram Rs. 30.935 Cr.( CAPEX- Rs 29.465Cr. & OPEX- Rs. 1.470 Cr.)**
- ❖ **KWA was directed to ensure the technical viability, adequate source of water, justified provisions & rates, necessary clearances, 5-year Operation & Maintenance, and only admissible components are included as per AMRUT guidelines before issuing the TS.**
- ❖ **KWA was also directed to ensure the non-inclusion of Operation & Maintenance costs, Supervision charges, and Value of land/ structures required for the project development under Central Assistance. If the said components are inevitable, the cost for the same may be met from the State/ ULB/KWA fund.**

### **Additional Agenda Item No.9.16 AA2 : Thrissur Corporation- Administrative sanction for Water Supply- Replacement Project- Design, construction, and commissioning of 3 MLD WTP and 10LL OHSR at Mulayam**

The Thrissur Corporation has presented the Agenda before the Committee as follows;


Thrissur Corporation has submitted 7 water supply projects for an amount of Rs. 134.5 Cr under the 1st tranche of SWAP. Based on the confirmation of the Hon'ble Mayor, Thrissur Corporation, the 4th SHPSC meeting decided to cancel the water supply project in Thrissur under AMRUT 2.0 for Rs. 61 Cr. (CAPEX-58 Cr., OPEX- Rs. 3 Cr.). and to take up under AMRUT Phase-1-project


Thrissur Corporation further submitted 4 water supply projects (KWA) and two ULB Projects of CAPEX Rs. 17.948 as replacement projects.

The project proposal -Design, construction and commissioning of 3 MLD WTP and 10LL OHSR at Mulayam for Rs. 10.18 Cr. (CAPEX-10 Cr., OPEX- Rs. 0.18 Cr.) is placed as one of the replacement project for the remaining fund. For the same work, AS was issued in AMRUT 1.0, but TS is to be issued.

#### Decision Taken-

- ❖ After detailed deliberation, the committee decided to recommend the cancellation of the project from AMRUT 1.0 as the work is not likely to complete the work within the stipulated time frame and directed ULB to take up new works, that can be completed by March 2024 for the fund available.
- ❖ The committee also decided to issue an Administrative Sanction under AMRUT 2.0 for the water supply projects Design, construction and commissioning of 3 MLD WTP and 10LL OHSR at Mulayam for Rs. 10.18 Cr. (CAPEX-10 Cr., OPEX- Rs. 0.18 Cr.) as the replacement project.
- ❖ KWA was directed to ensure the technical viability, adequate source of water, justified provisions & rates, necessary clearances, 5-year Operation & Maintenance, and only admissible components are included as per AMRUT guidelines before issuing the TS.
- ❖ KWA was also directed to ensure the non-inclusion of Operation & Maintenance costs, Supervision charges, and Value of land/ structures required for the project development under Central Assistance. If the said components are inevitable, the cost for the same may be met from the State/ ULB/KWA fund.

  
Mission Director, AMRUT

  
Additional Chief Secretary, LSGD  
(Chairperson, SLTC)

Sarada Muraleedharan IAS  
Additional Chief Secretary  
Local Self Government Department  
Government Secretariat  
Thiruvananthapuram.

**28<sup>th</sup> SLTC of AMRUT-1.0 & 9<sup>th</sup> SLTC of AMRUT 2.0 held on 14<sup>th</sup> June 2023 at 04:00 PM through VC by the Additional Chief Secretary, LSGD**

**List of Participants**

1. Sri. M.K. Varghese, Hon`ble Mayor, Thrissur Corporation
2. Adv E Krishnadas, Vice Chairman, Palakkad Municipality
3. Sri. T.V. Charly, Chairman (i/c), Irinjalakkuda Municipality
4. Smt. Sonia Giri, Chairperson, Irinjalakkuda Municipality
5. Smt. Suhra Abdul Khader, Chairperson, Erattupetta Municipality
6. Sijo Varghese, Education Standing Committee Chairman Kothamangalam Municipality
7. Smt. Sharmila Mary Joseph IAS, Principal Secretary, LSGD
8. Smt. Bhandari Swagat Ranveerchand IAS, Managing Director, Kerala Water Authority
9. Sri. Alex Varghese IAS, Mission Director, AMRUT
10. Sri. Mohammed Shafeeq IAS, Sub Collector, Thrissur
11. Sri. Sooraj Shaji IAS, Sub Collector, Alappuzha
12. Smt. Madhavikutty IAS, District Development Commissioner, Ernakulam
13. Smt. Dharmalasuree IAS, Sub Collector, Ottapalam (Palakkad DDC)
14. Chelsasini v, Subdivisional Magistrate & RDO, Kozhikode
15. Sri. Shahan Sha. A, Under Secretary, Revenue Department, GoK
16. Sri. Madhusoodhanan Nair.T.S, Under Secretary, Finance Department
17. Sri. Luqman.M, Deputy Mission Director, AMRUT
18. Smt. Sheeja, Deputy Mission Director, AMRUT
19. Sri. Praveen.K.S, Deputy Director (LWM), Suchitwa Missions
20. Sri. Sandeep, Chief Engineer (LID&EW)
21. Sri. H. Prasanth, CTP, LSGD (Planning)
22. Sri. Narayanan Namboodiri. T.V., Chief Engineer (Projects & Operations), KWA
23. Sri. Sooraj, Deputy Chief Engineer, PIU (2), KWA
24. Smt. Beena.S.Kumar, Secretary, Guruvayur Municipality
25. Sri. Sajeev P K, Secretary, Kollam Corporation
26. Sri. Babu Abdul Khadir IRPS, Secretary, Kochi Municipal Corporation
27. Sri. Binu John, Joint Director, LSGD, Kottayam
28. Sri. Ansal Joseph, Secretary, Kothamangalam Municipality
29. Sri. Binu Francis, Secretary, Thiruvananthapuram Corporation
30. Smt. K.U. Bini, Secretary, Kozhikode Corporation
31. Sri. Rahesh Kumar R, Secretary, Thrissur Municipal Corporation
32. Smt. Mumtaz.A N, Secretary, Alappuzha Municipality.
33. Sri. Muhammad Anas K MSecretary, Irinjalakkuda Municipality
34. Sri. D. Jayakumar Secretary, Aluva Municipality



35. Sri. Mithran.G, Secretary, Perinthalmanna Municipality.
36. Smt. Binuji, Secretary, Nilambur Municipality
37. Smt. Simi.H, Secretary, Manjeri Municipality
38. Sri. Ali Asuhar Secretary, Kalpetta Municipality
39. Sri. Shaju Paul, Secretary, Koduvally Municipality
40. Smt. Jasitha P.J, Secretary, Ramanattukara Municipality.
41. Smt. Juhi Maria Tom Secretary, Pala Municipality
42. Sri. P.R. Jayakuamr, Secretary, Kalamassery Municipality
43. Sri. Vinodkumar.S, Secretary, Mattannur Municipality
44. Sri. A Praveen, Secretary, Panoor Municipality
45. Sri. L.S. Saji, Secretary, Varkala Municipality
46. Dr. T.N. Sini Secretary, North Paravur Municipality
47. Smt. M.K. Vrija, Secretary, Paravur Municipality
48. Smt. S. Sherla Beegum, Secretary, Pathanamthitta Municipality
49. Sri. Ajesh T G, Secretary, Palakkad Municipality
50. Sri. Sudheer, Superintending Engineer, P H Circle, KWA, Muvattupuzha
51. Smt. Shaibi George, Superintending Engineer, LSGD Thrissur Corporation
52. Sri. Manikandan K, Superintending Engineer, Kannur Corporation
53. Sri. Sabeer Rahman, Executive Engineer, P H Division, KWA, Kollam (SE I/c)
54. Sri. Rajesh Unnithan, Executive Engineer, Project Division, KWA, Kollam
55. Smt. Mini, Executive Engineer, P H Division, KWA, Kottarakkara, Kollam
56. Sri. Rajesh.S, Executive Engineer, Project Division, KWA, Kochi
57. Sri. Shibu L Nalpat, Executive Engineer, Alappuzha Municipality.
58. Smt. Bindu Jasmin, Executive Engineer, Thiruvananthapuram Corporation
59. Sri. S. Suresh Kumar, Executive Engineer Chenganacherry Municipality
60. Smt. Sandra, Executive Engineer, Erattupetta Municipality
61. Smt. Leela E, Assistant Executive Engineer, Guruvayur Municipality
62. Smt. Sobini.P.V, Assistant Executive Engineer, Angamaly Municipality.
63. Smt. Seena.G.R., Assistant Executive Engineer, North Paravur Municipality.
64. Sri. Santhoshkumar, Assistant Executive Engineer, Palakkad
65. Sri. Jacob Mathew, Engineering Superintendent, Vaikom Municipality
66. Sri.P.T. Babu, Municipal Engineer, Malappuram Municipality
67. Sri. Shiraz, Assistant Executive Engineer, P H Division, KWA Kollam
68. Smt. Sobini T V, Assistant Executive Engineer, Angamaly Municipality