

AMRUT 2.0
6th STATE LEVEL TECHNICAL COMMITTEE (SLTC)

AGENDA NOTE



Date: 20.12.2022 at 10:30 AM

VENUE: MEETING THROUGH VIDEO CONFERENCING



Local Self Government Department, Government of Kerala

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Agenda item No.1: APPROVAL OF MINUTES OF THE 4th & 5th MEETING OF SLTC

The minutes of the 4thSLTC meeting of AMRUT 2.0 held on 22.9.2022, the 5th SLTC meeting of AMRUT 2.0 held on 18th October 2022 and the 3rd SHPSC held on 27.10.2022 are enclosed as Annexures – 1, 2 &3.

Decision to be taken:

The Committee may take note of the minutes and approve the Minutes of the 4th and 5th SLTC.

Agenda Item No.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 4th& 5th SLTCs and 3rd SHPSC

<i>Agenda Item</i>	<i>4th & 5th SLTC Decisions</i>	<i>3rd SHPSC Decision</i>	<i>Action Taken</i>
Agenda Item No. 2.1 Progress of AMRUT 2.0	The 4TH SLTC deliberated on the progress and strategy plan of AMRUT 2.0. The committee directed to prepare a detailed plan for setting up FSTPs in 9 AMRUT cities and ensure the availability of land proposed for FSTPs in 9 AMRUT cities. The land issues shall be sorted out with respective District Collectors. The Committee directed MD KWA and Secretaries of Urban Local Bodies to prepare the City Water Action Plans for Water supply and Sewerage / Septage projects under tranche 2 urgently and suggested holding an SLTC in the 2nd week of October for the technical appraisal of SWAP-2nd tranche and DPRs of approved SWAP-1st tranche.	The chair strictly directed to complete the preparation of DPRs under SWAP 1st tranche and also to complete the balance City Water Action Plans for Water supply and Sewerage / Septage projects urgently. The Committee noted the strategy plan of SEW/ Septage projects to be implemented in 9 AMRUT 1.0 cities.	Mission progress is included in the Agenda.
Agenda Item No.2.2: Procedure for Issuing Administrative Sanction for Projects	The SLTC approved the same procedure of AMRUT Phase-1 for issuing AS for Projects in AMRUT Phase 2 projects. The Committee suggested appraising the DPRs to SLTC following technical vetting by the SMMU / PDMC.	The SHPSC approved the same procedure of AMRUT Phase-1 for issuing AS for Projects in AMRUT Phase 2 projects following technical vetting by the SMMU / PDMC.	G.O. was issued vide G.O. (Rt) No. 2940/2022/LSGD dated 28.11.2022.
Agenda Item No.2.3: Procedure for Issuing Technical Sanction for Projects	The SLTC approved the procedure for issuing TS for AMRUT 2.0 projects as follows; ❖ Water Supply Projects & Sewerage Projects -For project reports prepared by KWA SHPSC may authorize Kerala Water Authority to accord technical sanction. ❖ Rejuvenation of Water bodies projects- TS to be accorded by the LSGD Engineering wing itself as per the prevailing norms. ❖ Water Supply Projects, Sewerage/ Septage Projects and Micro Water Supply Schemes –For which the	The SHPSC approved the procedure for issuing TS for AMRUT 2.0 projects as follows; ❖ Water Supply Projects & Sewerage Projects -For project reports prepared by KWA, Kerala Water Authority to accord technical sanction. ❖ Rejuvenation of Water bodies projects- TS to be accorded by the LSGD Engineering wing itself as per the prevailing norms. ❖ Water Supply Projects, Sewerage/ Septage Projects, and Micro Water Supply Schemes –For which the DPRs are prepared by	G.O. was issued vide G.O. (Rt) No. 2960/2022/LSGD dated 30.11.2022.

Agenda Item	4 th & 5 th SLTC Decisions	3 rd SHPSC Decision	Action Taken																																																																		
	<p>DPRs are prepared by other agencies, the Committee decided to constitute the technical expert committee for issuing the TS with following composition;</p> <table border="1" data-bbox="400 296 810 1322"> <tr> <td>1</td> <td>Chief Engineer, Local Self Government Department (LSGD)</td> <td>Chairman</td> </tr> <tr> <td>2</td> <td>Executive Director, Suchitwa Mission</td> <td>Member</td> </tr> <tr> <td>3</td> <td>Chief Engineer, Irrigation and Administration</td> <td>Member</td> </tr> <tr> <td>4</td> <td>Chief Engineer, (Projects), Kerala Water Authority (KWA)</td> <td>Member</td> </tr> <tr> <td>5</td> <td>Chief Engineer, (PPD & WASCON), Kerala Water Authority (KWA)</td> <td>Member</td> </tr> <tr> <td>6</td> <td>Superintending Engineer, Ground Water Department</td> <td>Member</td> </tr> <tr> <td>7</td> <td>GIS Expert/Hydraulic Expert, Centre for Water Resources and Management (CWRDM), Kozhikode</td> <td>Member</td> </tr> <tr> <td>8</td> <td>Deputy Mission Director AMRUT</td> <td>Member</td> </tr> <tr> <td>9</td> <td>Superintending Engineer, ULB Kozhikode Corporation (For North Zone)</td> <td>Convener</td> </tr> <tr> <td>10</td> <td>Superintending Engineer, ULB, Kochi Corporation (For Central Zone)</td> <td>Convener</td> </tr> <tr> <td>11</td> <td>Superintending Engineer, ULB Trivandrum Corporation (For South Zone)</td> <td>Convener</td> </tr> </table>	1	Chief Engineer, Local Self Government Department (LSGD)	Chairman	2	Executive Director, Suchitwa Mission	Member	3	Chief Engineer, Irrigation and Administration	Member	4	Chief Engineer, (Projects), Kerala Water Authority (KWA)	Member	5	Chief Engineer, (PPD & WASCON), Kerala Water Authority (KWA)	Member	6	Superintending Engineer, Ground Water Department	Member	7	GIS Expert/Hydraulic Expert, Centre for Water Resources and Management (CWRDM), Kozhikode	Member	8	Deputy Mission Director AMRUT	Member	9	Superintending Engineer, ULB Kozhikode Corporation (For North Zone)	Convener	10	Superintending Engineer, ULB, Kochi Corporation (For Central Zone)	Convener	11	Superintending Engineer, ULB Trivandrum Corporation (For South Zone)	Convener	<p>other agencies, the Committee decided to constitute the technical expert committee for issuing the TS with the following composition;</p> <table border="1" data-bbox="842 296 1241 1322"> <tr> <td>1</td> <td>Chief Engineer, Local Self Government Department (LSGD)</td> <td>Chairman</td> </tr> <tr> <td>2</td> <td>Executive Director, Suchitwa Mission</td> <td>Member</td> </tr> <tr> <td>3</td> <td>Chief Engineer, Irrigation and Administration</td> <td>Member</td> </tr> <tr> <td>4</td> <td>Chief Engineer, (Projects), Kerala Water Authority (KWA)</td> <td>Member</td> </tr> <tr> <td>5</td> <td>Chief Engineer, (PPD & WASCON), Kerala Water Authority (KWA)</td> <td>Member</td> </tr> <tr> <td>6</td> <td>Superintending Engineer, Ground Water Department</td> <td>Member</td> </tr> <tr> <td>7</td> <td>GIS Expert/Hydraulic Expert, Centre for Water Resources and Management (CWRDM), Kozhikode</td> <td>Member</td> </tr> <tr> <td>8</td> <td>Deputy Mission Director AMRUT</td> <td>Member</td> </tr> <tr> <td>9</td> <td>Superintending Engineer, ULB Kozhikode Corporation (For North Zone)</td> <td>Convener</td> </tr> <tr> <td>10</td> <td>Superintending Engineer, ULB, Kochi Corporation (For Central Zone)</td> <td>Convener</td> </tr> <tr> <td>11</td> <td>Superintending Engineer, ULB Trivandrum Corporation (For South Zone)</td> <td>Convener</td> </tr> </table>	1	Chief Engineer, Local Self Government Department (LSGD)	Chairman	2	Executive Director, Suchitwa Mission	Member	3	Chief Engineer, Irrigation and Administration	Member	4	Chief Engineer, (Projects), Kerala Water Authority (KWA)	Member	5	Chief Engineer, (PPD & WASCON), Kerala Water Authority (KWA)	Member	6	Superintending Engineer, Ground Water Department	Member	7	GIS Expert/Hydraulic Expert, Centre for Water Resources and Management (CWRDM), Kozhikode	Member	8	Deputy Mission Director AMRUT	Member	9	Superintending Engineer, ULB Kozhikode Corporation (For North Zone)	Convener	10	Superintending Engineer, ULB, Kochi Corporation (For Central Zone)	Convener	11	Superintending Engineer, ULB Trivandrum Corporation (For South Zone)	Convener	
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<p>Agenda Item No.2.4: Development & Implementation of Micro Water Supply Projects</p>	<ul style="list-style-type: none"> ❖ To accord permission to ULBs for developing Micro water supply schemes by availing the service of KWA/Groundwater dpt. / CWRDM/ Jal Nidhi/ accredited Agencies/ Empanelled list of the Implementation Support Agencies (ISAs) to support the implementation of Jal Jeevan Mission (JJM) as per the standard Government procedures. ❖ The cost incurred for the same will be reimbursed from AMRUT 2.0 A&OE fund, after ensuring the successful implementation of the Scheme. 	<ul style="list-style-type: none"> ❖ SHPSC accorded permission to ULBs for developing Micro water supply schemes by availing the service of KWA/Groundwater dpt. / CWRDM/ Jal Nidhi/ accredited Agencies/ Empanelled list of the Implementation Support Agencies (ISAs) to support the implementation of Jal Jeevan Mission (JJM) as per the standard Government procedures. ❖ The cost incurred for the same shall be reimbursed from AMRUT 2.0 A&OE fund, after ensuring the successful implementation of the Scheme. 	<p>G.O. was issued vide G.O. (Rt) No. 2901/2022/LSGD dated 23.11.2022.</p>																																																																		
<p>Agenda Item No.2.5: Approval of IEC Action Plan (Information, Education And Communication)</p>	<p>The SLTC approved the IEC action Plan for Rs.13.72 Cr. and recommended the same to SHPSC.</p>	<ul style="list-style-type: none"> ❖ The Committee decided to include the school-based Information Education and Communication (IEC) campaign in the IEC Action Plan. ❖ The IEC campaign on water conservation & Sanitation is to be done at schools through various activities like, forming science 	<p>IEC detailed proposal Included as an Agenda.</p>																																																																		

Agenda Item	4 th & 5 th SLTC Decisions	3 rd SHPSC Decision	Action Taken
		<p>clubs, doing projects on water conservation in Schools and Houses, water quality auditing, making competitions, and thereby spreading awareness to the Public through the students.</p> <ul style="list-style-type: none"> ❖ The Committee has suggested to give a note to the Education department for including the IEC on water conservation & Sanitation in the Science curriculum. 	
<p>Agenda Item No.2.6: Appointment of State Nodal Agency and Nodal Officer under the sub-scheme of Formulation of GIS-based Master Plans for Cities under AMRUT 2.0</p>	<p>Committee has decided to designate the Local Self Government Department (Planning) as the State Nodal Agency and the Chief Town Planner (Planning) as the Nodal Officer for the sub-scheme of formulation of GIS-based Master Plans under AMRUT 2.0.</p>	<p>The SHPSC has decided to designate the Local Self Government Department (Planning) as the State Nodal Agency and the Chief Town Planner (Planning) as the Nodal Officer for the sub-scheme of formulation of GIS-based Master Plans under AMRUT 2.0.</p>	<p>GO was issued vide G.O. (Rt) No. 2871/2022/LSGD dated 21.11.2022</p>
<p>Agenda Item No.2.7: Sewerage & Septage Sector – Implementation of Faecal Sludge Treatment Plant Projects – Engagement of Accredited Agencies for Preliminary Report Preparation:</p>	<p>4th SLTC Recommendation:</p> <p>The Committee considered and decided to recommend the SHPSC for facilitating all 9 AMRUT Cities to select Consultants/ Agencies through a competitive bidding process for developing DPRs for Faecal Sludge treatment Plants (FSTPs).</p> <p>The Committee directed CE LSGD to submit a concept note to Government to improve the in-house expertise of LSGD in Septage/ sewage management.</p> <p>5th SLTC Recommendation:</p> <p>The Committee decided to recommend the following to the SHPSC:</p> <ul style="list-style-type: none"> ❖ Ratification of the action taken in engaging, M/s. Consortium for DEWATS Dissemination Society (CDD), Bangalore in Thiruvananthapuram Corporation, Alappuzha Municipality, Kochi Corporation, Thrissur Corporation, Kozhikode Corporation & Kannur Corporation for the preparation of preliminary report for the implementation of FSTPs in AMRUT & AMRUT-2.0. ❖ Permission for engaging, M/s. Integrated Rural Technology Centre (IRTC) in Kollam Corporation, Guruvayur Municipality & Palakkad Municipality for the implementation of FSTPs in AMRUT & AMRUT-2.0 subject 	<ul style="list-style-type: none"> ❖ The SHPSC accorded permission for engaging the following agencies for the preparation of a preliminary report for FSTPs to be developed under AMRUT-1.0 & AMRUT-2.0 and for utilizing the A & OE fund of AMRUT for these purposes; <ul style="list-style-type: none"> • M/s. Consortium for DEWATS Dissemination Society (CDD), Bangalore in Thiruvananthapuram Corporation, Alappuzha Municipality, Kochi Corporation, Thrissur Corporation, Kozhikode Corporation & Kannur Corporation • M/s. Integrated Rural Technology Centre (IRTC) in Kollam Corporation, Guruvayur Municipality & Palakkad Municipality. • Dr. Akshay Shende, Scientist, Environmental Technology Division, CSIR National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram. ❖ The SHPSC suggested that since M/s CDD has taken up the work at no cost (only accommodation & vehicle for a site visit to be provided) for the preparation of DPR, the decision on the fee claimed by IRTC that Rs. 2.5 lakh/ project, may be taken at SLTC level after verifying the quality of the same based on the Terms of Reference agreed upon. 	<p>The Govt. Order is awaited from LSGD.</p>

Agenda Item	4 th & 5 th SLTC Decisions	3 rd SHPSC Decision	Action Taken
	<p>to the approval of a detailed TOR and time frames.</p> <ul style="list-style-type: none"> ❖ Permission for engaging Dr.AkshayShende, Scientist, Environmental Technology Division, CSIR National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram for the implementation of FSTPs in AMRUT & AMRUT-2.0. <p>Permission for utilizing the A & OE fund of AMRUT for these purposes.</p>		
<p>Agenda Item No.2.8: Approval for Procurement of Smart Application and Vehicles for the Collection of Septage in AMRUT Cities for Managing Septage Collection Activities:</p>	<p>The Committee decided to recommend the following to the SHPSC:</p> <ul style="list-style-type: none"> ❖ Permission for the procurement of septage vehicles (big & small) for the collection of septage in AMRUT cities as and when required through the GeM Portal or as per Govt. norms ❖ Permission for the procurement of apps like Smart app or better app for management of septage collection in AMRUT cities as and when required. ❖ Permission for utilizing the funds available in the Sewerage & Septage Sector of AMRUT & AMRUT-2.0 for these purposes. 	<ul style="list-style-type: none"> ❖ The SHPSC accorded permission for the procurement of septage vehicles (big & small) for the collection of septage in AMRUT cities as and when required through the GeM Portal or as per Govt. norms ❖ The SHPSC suggested exploring the possibility to use the Smart Trivandrum App for the whole State for the management of septage desludging services. The Committee directed the Secretary, Trivandrum Corporation to provide a detailed report on the business model including the fee levied from consumers for septage desludging, and also to ensure that the desludging services are affordable for the public. Secretary shall report compliance of the same. ❖ Alternatively, the Chair asked AMRUT Mission to explore the development of an App for this purpose for use at the State level. It was also directed to ensure that the software should be taken over by the State/ ULBs after development. ❖ Permission was also accorded for utilizing the funds available in the Sewerage & Septage Sector of AMRUT & AMRUT-2.0 for these purposes. 	<p>The Govt. Order is awaited from LSGD.</p>
<p>Agenda Item No.2.9: Approval of 2nd Tranche of State Water Action Plan (SWAP)</p>	<p>The Committee decided to recommend 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) to the SHPSC and submission to MoHUA:</p> <p>a) Water Supply Sector: 10 proposals for Rs.184.502 Cr. (CAPEX - Rs.171.388 Cr. & OPEX – Rs.13.114 Cr.)</p> <p>b) Sewerage& Septage Sector:3 proposals for Rs.416.22 Cr. (CAPEX - Rs.385.00 Cr. & OPEX - Rs.31.22 Cr.)</p>	<ul style="list-style-type: none"> ❖ The SHPSC decided to approve 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) and for the submission to MoHUA: <ul style="list-style-type: none"> • Water Supply Sector: 10 proposals for Rs.184.502 Cr. (CAPEX - Rs.171.388 Cr. & OPEX – Rs.13.114 Cr.) • Sewerage & Septage Sector: 3 proposals for Rs.416.22 Cr. (CAPEX - Rs.385.00 Cr. & OPEX - Rs.31.22 Cr.) 	<p>SWAP-2nd tranche submitted to MoHUA.</p>

Agenda Item	4th & 5th SLTC Decisions	3rd SHPSC Decision	Action Taken
	c) Water Body Rejuvenation (including the Special Tranche) - 255 proposals for Rs.82.36 Cr. (CAPEX - Rs.76.27 Cr. & OPEX - Rs.6.09 Cr.)	<ul style="list-style-type: none"> • Water Body Rejuvenation (including the Special Tranche) - 255 proposals for Rs.82.36 Cr. (CAPEX - Rs.76.27 Cr. & OPEX - Rs.6.09 Cr.) • Council approval shall be obtained for all the projects. ❖ The Committee strongly directed expediting the DPR preparation of all the above-mentioned proposals urgently within a month. 	
Agenda Item No.2.10: Approval of 24x7 Water Supply Projects in 9 AMRUT-1.0 Cities	<ul style="list-style-type: none"> ❖ The SLTC noted the guidelines on 24x7 Water Supply schemes. ❖ It was decided to develop smart water management solutions in the selected wards of 9 AMRUT 1.0 cities. ❖ KWA and Secretaries of 9 AMRUT cities were instructed to develop 24x7 Water Supply projects with the aid of State and City level task forces and Orissa WATCO. 	<ul style="list-style-type: none"> ❖ The Committee directed KWA and Secretaries of 93 AMRUT cities to explore the possibilities to develop 24x7 Water Supply with Drink from Tap facility and smart water management solutions in the selected wards with the aid of National, State, City level task forces and Orissa WATCO. ❖ All AMRUT 1.0 cities shall execute the same mandatorily with the assistance of the above agencies. ❖ KWA was strongly directed to take steps parallelly to address the major issues to ensure the quality and quantity of water supplied 	12 ULBs have been selected for implementing 24X7 WS schemes.
Agenda Item No.2.11: Progress - Selection of Project Development and Management Consultants (PDMC)	<ul style="list-style-type: none"> ❖ The Committee took note of the progress achieved and directed to expedite the technical evaluation and place it in the next SLTC. 	<ul style="list-style-type: none"> • The SHPSC took note of the progress achieved. 	Approval of the Technical bid evaluation report is included as an Agenda item.
Agenda Item No.2.12: Administrative Sanction of Projects Approved under 1 st Tranche of SWAP	<p>The Committee decided to recommend the issuance of Administrative Sanctions for the 77 projects amounting to Rs.616.829 Cr. (CAPEX - Rs.588.616 Cr. & OPEX - Rs.28.213 Cr.) subject to the following conditions:</p> <ul style="list-style-type: none"> ❖ A detailed assessment is to be done on the households benefitted in each project either through the existing scheme or through the new connections proposed. ❖ The proposals should meet the criteria stipulated by the SHPSC that the cost per household benefitted shall be less than or equal to Rs.50000/- and coverage achieved shall be greater than or equal to 75%. 	<ul style="list-style-type: none"> ❖ The SHPSC noted that all the proposals satisfied the criteria stipulated by the SHPSC that the cost per household benefitted shall be less than or equal to Rs.50000/- and coverage achieved shall be greater than or equal to 75%. ❖ The Committee accorded Administrative Sanctions for the 77 projects amounting to Rs.616.829 Cr. (CAPEX - Rs.588.616 Cr. & OPEX - Rs.28.213 Cr.) ❖ The Committee directed KWA and ULBs to fund O&M through an appropriate cost recovery mechanism. ❖ The Committee directed expediting the TS and tender procedures of all the works before the end of November. 	GO issued vide G.O. (Rt) No. 2906/2022/LSGD dated 24.11.2022.
Agenda Item No.2.13: Reconstitution of the State-Level Technical Committee for AMRUT 2.0	The SLTC decided to recommend the SHPSC for the reconstitution of the State Level Technical Committee of AMRUT 2.0 with the inclusion of the Executive Director, Suchitwa Mission	The Committee approved the proposal for the reconstitution of the SLTC with the following members. <ol style="list-style-type: none"> 1. Additional Chief Secretary, LSGD- Chairperson 2. Secretary, Local Self Government Department (Urban) 	G.O. issued. Vide G.O. (Rt) No. 2866/2022/LSGD dated 19.11.2022.

<i>Agenda Item</i>	<i>4th & 5th SLTC Decisions</i>	<i>3rd SHPSC Decision</i>	<i>Action Taken</i>
		<ol style="list-style-type: none"> 3. Secretary (Expenditure), Finance Department 4. Managing Director, Kerala Water Authority 5. Mission Director, AMRUT - Member Secretary & Convenor 6. The Executive Director, Suchitwa Mission 7. Technical Member, Kerala Water Authority 8. Member Secretary, Kerala Pollution Control Board 9. Chief Town Planner (Planning) 10. Director (Liquid Waste Management), Suchitwa Mission 11. Chief Engineer (Administration), Public Works Department 12. Chief Engineer, Local Self Government Department 13. Chief Engineer, Irrigation Department 14. Chief Engineer (Electrical), Public Works Department 15. Representative from CWRDM 16. Representative from State Public Health Lab 	
<p>Agenda Item No.2.14: Approval of Restructuring proposal of SMMU & CMMUs for AMRUT 2.0.</p>		<ul style="list-style-type: none"> ❖ The Committee approved the continuation of SMMU & CMMUs for the 2nd phase of AMRUT-2.0. ❖ The Committee decided to retain the incumbents of SMMU and CMMUs after a performance appraisal by a committee headed by the Principal Director (LSGD), Chief Engineer (LSGD), and Mission Director (AMRUT). ❖ The Committee approved the re-designation of the existing posts of Urban Planner and Urban Infrastructure Expert as Urban Infrastructure cum Water Experts (UIWEs). ❖ The Committee approved the Proposed Staff Structure and Remuneration of the State Mission Management Unit and City Management Units as follows; ❖ The salary of experts shall be met from the A&OE funds of AMRUT. (100% Central assistance) 	<p>The Govt. Order is awaited from LSGD.</p>

Agenda Item No.3: PROGRESS OF AMRUT 2.0

The total outlay of AMRUT 2.0 for 93 Urban Local Bodies in Kerala is Rs.3495 Cr. with Central Assistance of Rs.1372 Cr. The 4th Apex committee meeting had approved the 1st Tranche of the State Water Action Plan (SWAP-1) for an amount of Rs.1938.52 Cr. (CAPEX - Rs.1842.658 Cr. & OPEX - Rs.95.86 Cr.)

The 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) has been submitted to MoHUA for approval.

Following tranche 1 of SWAP approval of 222 projects for Rs. 1842.65 Cr., AS was issued for 77 projects for Rs. 588.62 Cr. A proposal of 75 WS projects for Rs. 740.591 Cr. (CAPEX)and 23 SEW projects for Rs. Rs 104.63 Cr. is placed in this Committee for Administrative sanction.

PROJECT PROGRESS

Sector	Total outlay	SWAP-1		SWAP-2		Total SWAP submitted		SWAP-3	DPR prepared		AS accorded	
		No of projects	SWAP Amount (CAPEX-Cr.)	No of projects	SWAP Amount (CAPEX-Cr.)	No of projects	SWAP Amount (CAPEX-Cr.)	Planned by March 2023 (Cr.)	No. of projects	CAPEX cost (Cr.)	No. of projects	CAPEX cost (Cr.)
Water supply(Including floating incentive of 100 Cr.)	1813.400											
Floating Incentive Fund from SEW (Cr.) for AMRUT cities	636.160	199	1738.02	10	171.388	209	1909.408	540.152	153	1331.188	77	588.616
Sewerage & Septage	902.160	23	104.63	3	385	26	489.63	412.530	23	104.63	0	0
Rejuvenation of Water bodies and developing green spaces and parks projects.	143.340	0	0	255	82.36	255	82.36	60.980	0	0	0	0

TOTAL	3495.060	222	1842.65 0	268	638.74 8	490	2481.39 8	1013.66 2	176	1435.81 8	7 7	588.61 6
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DPR Preparation Status of SWAP- Tranche -1

City Name	Water Supply		Sewerage/ Septage Management		MicroWater Supply		City Wise Total	
	Total	Prepared	Total	Prepared	Total	Prepared	Total	Prepared
AMRUT1.0 Cities								
Trivandrum	34	33	23	23			57	56
Kollam	10	10	0	0			10	10
Alappuzha	4	4	0	0			4	4
Kochi	25	23	0	0			25	23
Thrissur	7	2	0	0			7	2
Guruvayoor	1	0	0	0			1	0
Palakkad	1	1	0	0			1	1
Kozhikode	3	3	0	0			3	3
Kannur	0	0	0	0			0	0
AMRUT 2.0 Towns	84	77	0	0	30	0	114	77
Total	169	153	23	23	30	0	222	176

- As part of the implementation of 24X7 water supply projects, a State-level workshop on the 24X7 Water supply scheme was conducted on 28.11.2022. National Level Taskforce, State level Taskforce, Kerala Water Authority, and ULB Engineers participated in the workshop.

The way forward -Sewerage &Septage Projects in 9 AMRUT Cities

Thiruvananthapuram, Kollam, Kochi, and Kozhikode submitted Sewerage project proposals amounting to Rs. 489.63 Cr. The status of the remaining AMRUT cities is as follows;

Status of Septage Treatment Plant:

The CDD India and IRTC, Palakkad have been entrusted to explore the need and feasibility for Faecal Sludge Management in AMRUT cities. The CDD has made a rapid assessment of the existing sanitation situation in Thiruvananthapuram, Kochi, Thrissur, Kozhikode, Kannur Corporations, and Alapuzha 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.

IRTC was entrusted to study Kollam Corporation, Palakkad, and Guruvayoor Municipalities and the study is yet to begin.

Kannur ULB has the plan to take up the proposed 100 KLD Septage Treatment Plant at Chelora under Phase-1 AMRUT in AMRUT 2.0.

Status of Sewage Treatment Plant:

Alappuzha

Council approved the DPR prepared for a sewage plant of capacity 5 MLD with 0.5 MLD Co-treatment in Allissery. The network proposed for a length of 9 Km covering 2 Wards. DPR is yet to be finalized by KWA.

Thrissur

The proposal for constructing 5 MLD STP at Kottappuram along with a 42 km network covering 7 Divisions partially is to be finalized by the ULB and KWA.

The ULB has requested to take up the 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. The agenda for canceling the project from AMRUT-1.0 has been placed in the 26th SLTC of AMRUT-1.0.

Kannur

The proposal for 13 MLD STP at Maithanappally with an associated sewer network covering 15 Wards is to be finalized by ULB.

Palakkad

The core committee held on 17.12.2022 has entrusted the Engineering Wing of the ULB to verify the proposal for 600 KLD STP at Kalpathy River bank and to check the ownership as well as the nature of the land.

Guruvayur:

The proposal of KWA for expansion of the existing 3 MLD STP to 5 MLD with Co-treatment is expected to be finalized in the meeting scheduled by the ULB on 24.12.2022.

Decision to be Taken:

The SLTC may take note of the progress of AMRUT 2.0

Agenda Item No.4: OPERATION AND MAINTENANCE (O&M) COST OF STP/ FSTP PROJECTS:

Regarding the Operation & Maintenance, the 2nd SHPSC meeting approved the following:

- a) The O & M Cost for projects implemented by the ULBs shall be borne by the ULBs and the Secretaries of the ULBs shall ensure that the matter is conveyed to the Council and other related committees of the ULB.

b) The O & M Cost for projects implemented by KWA shall be borne by KWA as they are collecting water charges and related fees from consumers.

In the 4th SLTC Meeting, MD KWA informed that the O&M cost for water supply projects can be borne by KWA as water charges are being collected by KWA. For STPs, O&M costs would have to be met by ULB to avoid a financial burden on KWA. The Committee directed MD KWA to submit a detailed proposal on Operation & Maintenance for further review by the Committee.

MD KWA submitted a proposal vide letter No. KWA/JB/P3/58/2017 dated 12.10.2022(Annexure-4) requesting that the same mode of meeting the operation maintenance of STP at Muttathara in Trivandrum city where the concerned ULB is meeting the expenditure of O&M may be followed for the STPs proposed under AMRUT 2.0

Decision to be taken:

The Committee may take a suitable decision on the Operation & Maintenance of STPs/FSTPs under AMRUT 2.0.

Agenda Item No.5: CANCELLATION OF WATER SUPPLY PROJECTS IN THE 1ST TRANCHE OF SWAP:

Thrissur

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

It is now reported by the Secretary, Thrissur Corporation vide letter No.PW2-AMRUT-41026/21 dated 13.12.2022(Annexure-5)that one 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.) is planning to take up under the phase 1of AMRUT. Hence it is requested cancellation of the project. Council has approved the same vide resolution No. 78/A-1 dated 8.12.2022.

Kothamangalam

Kothamangalam Municipality has submitted 10 Micro water supply scheme projects for an amount of Rs. 8.548 Cr under the 1st tranche of SWAP.

It is now reported by the Secretary, Kothamangalam Municipalityvide letter No.pw3-16391/21dated 15.12.2022 that Council has decided vide decision No. 19-pw3-16391/21 (Annexure-6)to cancel two Micro Water supply schemes Namely- Ward-11: Valiyapara Colony Drinking Water Project for Rs. 1.2 Cr. and Ward-18: Kollikkad Drinking Water Project for Rs. 1.155 Cr. and has decided to take up a new proposal through KWA namely, **UWSS to Kothamangalam – Providing FHTCs to Urban Households in Kothamangalam Municipality for Rs.2.451 Cr.** to provide 500 FHTCs.

The project meets the criteria stipulated in the 2nd SHPSC that Cost per household benefitted less than or equal to Rs.50000/- and coverage achieved greater than 75%.

Karunagappally

Karunagappally ULB has submitted a water supply project- UWSS to Karunagappally - **Providing FHTC to households in Karunagappally Municipality for Rs. 13.744 Cr. (CAPEX-13.614 Cr., OPEX- Rs. 0.130Cr.)**The same was approved under the 1st tranche of SWAP.

It is now reported that the existing source of the scheme is the Achenkovil River, which is 30 km away from Karunagappally, and the existing system does not cater sufficient water to the coastal areas. Hence a new project to convey potable water, pumped from 37 MLD WTP at Sasthamcotta to Kollam Corporation, by tapping the pumping main at Kolathumukku in Panmana Grama Panchayat, to Thachayilmukku at Karunagappally Municipality has been prepared by the KWA for Rs. 17.14 Cr.

The Secretary, of Karunagappally Municipality, has requested vide letter No. PW1-12492/21 dated 18.11.2022 to cancel the approved project and to approve the new proposal- **AMRUT 2.0 - UWSS to Karunagappally – Supplying & Laying 500 mm DI K9 Clear Water Pumping Main – 7500 m from Kolathumukku in Panmana Panchayat to Thachayilmukku in Karunagappally Municipality for Rs. 17.14 Cr. (CAPEX-14.964 Cr., OPEX- Rs. 2.17 Cr.)**, which is 10% above the allocated fund for the Municipality (Rs. 13.614 Cr.).Council has approved the same vide resolution No.23 dated 19.10.2022 (Annexure-7)

The project meets the criteria stipulated in the 2nd SHPSC that Cost per household benefitted less than or equal to Rs.50000/- and coverage achieved greater than 75%.

As per the AMRUT 2.0 guidelines Clause 6.9.1, the SHPSC will be competent to approve the replacement of projects costing up to 10% of the respective tranche of SWAP in admissible project components of AMRUT 2.0.

Decision to be taken:

- 1) **The Committee may approve the cancellation of the water supply project in Thrissur-**
 - ❖ *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 CAPEX Rs. 58 Cr.*
- 2) **The Committee may approve**
 - ❖ *the cancellation of two Micro Water supply schemes in Kothamangalam Municipality Namely- 1) Ward-11- Valiyapara Colony Drinking Water Project for Rs. 1.2 Cr. and 2) Ward-18: Kollikkad Drinking Water Project for Rs. 1.155 Cr. &*
 - ❖ *the replacement project - UWSS to Kothamangalam – Providing FHTCs to Urban Households in Kothamangalam Municipality for Rs.2.451 Cr.*
- 3) **The Committee may approve**
 - ❖ *the cancellation of the water supply project in Karunagappally Municipality – UWSS to Karunagappally - Providing FHTC to households in Karunagappally Municipality for CAPEX Rs. 13.614 Cr. &*
 - ❖ *the replacement project - AMRUT 2.0 - UWSS to Karunagappally – Supplying & Laying 500 mm DI K9 Clear Water Pumping Main – 7500 m from Kolathumukku in Panmana Panchayat to Thachayilmukku in Karunagappally Municipality for Rs. 14.964 Cr.*

Agenda Item No.6: ADMINISTRATIVE SANCTION OF 75 WATER SUPPLY PROJECTS APPROVED UNDER 1ST TRANCHE OF SWAP:

The 4th Apex committee meeting under the Atal Mission for Rejuvenation and Urban Transformation 2.0 (AMRUT 2.0) held on 12.08.2022 has approved tranche 1 of the State Water Action Plan (SWAP-1) comprises **199 WS projects** for 81/93 Urban Local Bodies and **23 SEW projects** for one ULB based on the criteria stipulated in the 2nd SHPSC that Cost per household benefitted less than or equal to Rs.50000/- and coverage achieved greater than 75% for an amount of Rs.1938.52 Cr.

As of now, detailed project reports for 153 Water Supply projects were received from various ULBs for CAPEX Rs.1331.188. 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.

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.**

A project proposal from Kottarakkara for an OHSR has been set aside for the time being as the land is not yet identified by the ULB. Two projects from Kozhikode for developing a 24X7 WS scheme were also included. Construction of a 0.5 MLD WTP at Kadavaram Pond is also proposed by Thrissur Corporation.

A major excess in the allocated fund was observed in the substituted WS project proposal from Karunagappally (Rs.1.35 Cr.) and a WS proposal from Mavelikkara (Rs. 0.362 Cr.). Excess cost is necessary to meet the water demand of the towns. For AMRUT 2.0 towns, an amount of Rs.100 Cr. was earmarked as a floating fund for Water Supply Sector. The additional fund requirement can be met from this fund.

It is requested to issue AS for 75 projects amounting to Rs.774.092 Cr. (CAPEX - Rs.740.591 Cr. & OPEX – Rs.33.501 Cr.)

The recommended list of projects for issuing Administrative sanctions is as follows: (A detailed project list is attached as **Annexure-8**).

Sl No	ULB	Name of Project	Amount as Per DPR			Major Components
			Capex (Cr.)	O&M (Cr.)	Total Cost	
1	Ramanattukara <i>Approved SWAP Capex (Cr.) 9.618 O&M(Cr.) 0.02 Total cost 9.638</i>	AMRUT-2.0-Phase-1 - Providing Functional Household Tap Connections by Retrofitting/ Extension of pipelines in Ramanattukara Municipality in Kozhikode District	9.618	0.0283	9.6463	1. 170 FHTC by retrofitting from existing pipelines of 84.05 Km length, 2. providing 3003 FHTC by pipeline extension of 78.26 Km PVC distribution
2	Pandalam <i>Approved SWAP Capex (Cr.) 1.38 O&M(Cr.) 0.276 Total cost 1.656</i>	AMRUT - 2.0- Kadakkad Water Supply Scheme-Establishing Distribution network and FHTCs in Kadakkad area in Pandalam Municipality	1.38	0.2760	1.6560	1. Additional line Extensions in Kadakkad area (strengthening and laying distribution network) 2. Providing FHTCs- 130
3	Pandalam <i>Approved SWAP Capex (Cr.) 8.71 O&M(Cr.) 1.74 Total cost 10.45Cr</i>	AMRUT - 2.0 -Layng and Strengthening existing the distribution system in Pandalam Municipality & Providing House connections in Municipal Area	8.71	1.7400	10.4500	1. Pipeline extension 2. Providing FHTCs- 3500

SI No	ULB	Name of Project	Amount as Per DPR			Major Components
			Capex (Cr.)	O&M (Cr.)	Total Cost	
4	Parappanangadi <i>Approved SWAP Capex (Cr.) 21.73 O&M(Cr.) 1 Total cost 22.73Cr</i>	AMRUT 2.0 Water Supply Scheme to Parappanangadi Municipality- Construction of new 9 MLD WTP	21.73	1.0000	22.7300	1. Construction of new 9 MLD WTP 2. Providing, laying, and commissioning of raw water pumping main. 3. Providing FHTCs- 2200
5	Irinjalakkuda <i>Approved SWAP Capex (Cr.) 3.08 O&M(Cr.) 0.154 Total cost 3.234Cr</i>	AMRUT 2.0-Providing additional pumping system, FHTCs, and Construction of 2 LL OHSRfor improving the water supply at chathakunnu area	3.08	0.1540	3.2340	1. Construction of 2 LL OHSR at Chanthakunnu 2. Providing FHTCs- 200 3. Distribution network 4. pumping system
6	Irinjalakkuda <i>Approved SWAP Capex (Cr.) 1.6 O&M(Cr.) 0.08 Total cost 1.68Cr</i>	AMRUT 2.0- Providing Hot line from Mangadikkunnu WTP to wards 23 and 32 of Irinjalakuda Municipality, Strengthening of old AC and Pvc pipes by replacing them with new PE/PVC pipes, and providing 200 numbers of FHTCs	1.6	0.0800	1.6800	1. Providing FHTCs- 200 2. Replacement of old AC pipes with new PE/ PVC pipes- 10.8 Km
7	Irinjalakkuda <i>Approved SWAP Capex (Cr.) 0.8 O&M(Cr.) 0.04 Total cost 0.84Cr</i>	AMRUT2.0- Mini Water Supply Scheme to ward 1 and 2 of Irinjalakuda Municipality	0.8	0.0400	0.8400	1. Pumping main and Distribution 2. Providing FHTCs- 200 3. Providing 0.30 MLD Pressure filter with Plat form 4. Supplying and erecting 7.5HP Submersibile Pumpset 5. Construction of 20,000litre capacity OH Tank
8	Irinjalakkuda <i>Approved SWAP Capex (Cr.) 7.578 O&M(Cr.) 0.379 Total cost 7.957Cr</i>	"AMRUT 2.0- Improvement of Water supply systems of Irinjalakuda Municipality IWSS - strengthening of existing distribution pipes at various Wards by replacing old AC/PVC pipes with new PEIPVC pipes and providing 1500 numbers of FHTCs"	7.578	0.3790	7.9570	1. Providing FHTCs- 1500 2. Street main extension(4 km) and interconnection works- 33Km
9	Nedumangad <i>Approved SWAP Capex (Cr.) 10.2891 O&M(Cr.) 0.5154 Total cost 10.8045Cr</i>	AMRUT 2.0. Urban water supply system to Nedumangad municipality improvement of water supply distribution system, providing new water connections and alteration of existing water connections	10.29	0.5100	10.8000	1. Pipe Line Laying 2. construction of kiosk, concrete for Anchor blocks, and other miscellaneous works 3. Providing FHTCs- 2420, the connection of existing FHTCs to the new lines- 3400 4. providing Booster pump Set 5. Providing valves and construction of valve chambers
10	Perinthalmanna <i>Approved SWAP Capex (Cr.) 10.3 O&M(Cr.) 0.515 Total cost 10.815Cr</i>	AMRUT 2.0 - Providing FHTC and laying of distribution pipelines in various places in Perinthalmanna municipality Phase-1	10.300	0.5150	10.815	1) providing 3000 FHTC 2) corresponding distribution network in Perinthalmanna municipality to ensure proper water distribution. 3) It includes a distribution network of 26500m and a dedicated distribution network of 2500m for

SI No	ULB	Name of Project	Amount as Per DPR			Major Components
			Capex (Cr.)	O&M (Cr.)	Total Cost	
						ensuring adequate water supply in a water scarcity areas. 4)A railway crossing is necessary for Clear water Pumping main to OHSR at Pathaikara
11	Kozhikkode <i>Approved SWAP Capex (Cr.) 110 O&M(Cr.) 3 Total cost 113Cr</i>	AMRUT 2.0 Priority 1 WSS for Kozhikkode corporation	111.33	3.0000	114.3300	1. Augmentation of 174MLD to 210 MLD of WTP at Peruvannamuzhi 2. Distrubution Network=90Km 3. FHTCs- 25513
12	Kozhikkode <i>Approved SWAP Capex (Cr.) 5 O&M(Cr.) 0.05 Total cost 5.05 Cr</i>	AMRUT 2.0 Priority 2 - 24X7 Water supply scheme at Nellikode and adjacent places	4.14	0.0500	4.1900	1. Distribution network 2.FHTCs proposed 851
13	Kozhikkode <i>Approved SWAP Capex (Cr.) 5 O&M(Cr.)0.05 Total cost 5.050Cr</i>	AMRUT 2.0 Priority 3 - 24X7 Water supply scheme at Edakkadu and adjacent places	4.53	0.0500	4.5800	1.Distribution Network 2.FHTC proposed 861
14	Vadakara <i>Approved SWAP Capex (Cr.) 15.027 O&M(Cr.) 0.75 Total cost 15.777Cr</i>	"AMRUTH 2.0 – water supply scheme to Vatakara municipality–rehabilitation of various components for improving water Supply to Vatakara municipality"	15.027	0.7500	15.7770	1. FHTCs- 3150 2. Rehabilitation and renovation of existing 13 MLD WTP at Kappumala. 3. Supplying and laying of new distribution lines and replacing old existing distribution lines. 4.Construction of two OHSR (1 and 2 MLD)
15	Feroke <i>Approved SWAP Capex (Cr.) 9.898 O&M(Cr.) 0.01 Total cost 9.908Cr</i>	Amrut-2 Providing Functional household tap connections by retrofitting and extension of pipelines in Feroke Municipality	9.898	0.0098	9.9078	1. Providing 185 FHTC by retrofitting from existing pipelines of 151.44 Km length, 2. Providing 4750 FHTC by pipe line extension of 8.172 Km PVC distribution lines.
16	Mukkam <i>Approved SWAP Capex (Cr.) 12.44 O&M(Cr.) 0.65 Total cost 13.09Cr</i>	AMRUT 2.0 UWSS to Mukkam Municipality	12.444	0.0646	12.5086	1. Distribution network 10.25 km 2.FHTCs- 2710
17	Sulthan Bathery <i>Approved SWAP Capex (Cr.) 13.372 O&M(Cr.) 0.26 Total cost 13.632Cr</i>	Amrut2.0 Augmentation of Water Supply Schemes in Sulthanbathery Municipality and providing FHTCs in Wayanad District	13.367	0.2600	13.6270	1. Providing of FHTCs- 3000 2. Distribution system
18	Koyilandy <i>Approved SWAP Capex (Cr.) 22.629 O&M(Cr.) 0.165</i>	AMRUT.02 - WSS TO Koyilandy Municipality Providing Functional House Hold Tap Connection in Various Wards.	22.629	0.1645	22.7935	a) Distribution Line Extension 2500m at Various Locations b) Providing Functional House Hold Tap Connection – 15000 Nos

Sl No	ULB	Name of Project	Amount as Per DPR			Major Components
			Capex (Cr.)	O&M (Cr.)	Total Cost	
	Total cost 22.794Cr					
19	Kalpetta Approved SWAP Capex (Cr.) 5.238 O&M(Cr.) 0.05 Total cost 5.288Cr	AMRUT 2.0 Augmentation and rehabilitation of water supply system -UIDSSMT WSS To Kalpetta Municipality-Providing water supply with household water tap connection to Kalpetta Municipality For the financial year -2022-2023	5.229	0.0590	5.2880	1. Providing FHTCs- 1200 2. Replacing and laying of additional distribution system- 36000 M
20	Chalakydy Approved SWAP Capex (Cr.) 11.78 O&M(Cr.) 1.2 Total cost 12.98Cr	AMRUT 2.0 Improvements to AUWSS at Chalakydy Municipality General Civil Ward.	11.34	1.6400	12.9800	1. Provide 2500 nos FHTCs. 2. renovation of 11 MLD WTP 3. Renovation of GL tank at Thanippara 4. Electrical standardization with hot line feeder. 5. Replacing damaged AC/ PVC pipes.
21	North Paravur Approved SWAP Capex (Cr.) 5.165 O&M(Cr.)0.01 Total cost 5.175Cr	AMRUT 2.0- - Providing FHTC by Augmenting or Retrofitting the Existing scheme & Replacement of old damaged AC Premo Pipe lines in North Paravur Municipality in Ernakulam District	5.165	0.0100	5.1750	1. Providing FHTCs-1309 2. Replacing old and damaged distribution lines-3.66Km 3. Extension of lines- 6 Km 4. Replacing damaged valves.
22	Manathavadi Approved SWAP Capex (Cr.) 15.348 O&M(Cr.) 0.15 Total cost 15.498Cr	AMRUT 2.0 Augmentation of water supply schemes in Mananthavadi municipality and providing FHTCs in Wayanad district	15.346	0.1500	15.4960	1. FHTC-3300 2. Laying of the Distribution mains- 49.5 Km 3. Construction of 3.00 LL OHSR at Kuttimoola, 4. Laying of the pumping main. 5. Road restoration
23	Vaikom Approved SWAP Capex (Cr.) 6.86 O&M(Cr.) 0.3 Total cost 7.16	AMRUT 2.0 - Vaikom Municipality- Existing Water Line Replacement and New Water Connections- Implementation	6.806	0.3540	7.1600	1. Extension and replacement of old damaged pipes-17394 m 2. Providng FHTCs- 1392 3. Alteration of existing water connetcions- 2545
24	Payyoli Approved SWAP Capex (Cr.) 15.424 O&M(Cr.) 0.4627 Total cost 15.8867Cr	AMRUT 2.0- WSS to Payyoli Municipality in Kozhikkode District	15.42	0.4630	15.8830	1. Construction of 22LL OHSR 2. Laying pf transmission main- 1950 m 3. Laying of distribution lane- 5.424 Km 4. Providing FHTCs- 3200
25	Ettumanoor Approved SWAP Capex (Cr.) 11.31 O&M(Cr.) 1 Total cost 12.31Cr	AMRUT 2.0 Providing FHTC's and pipe line extension of 250 mm di pipe from OHSR at Caritas to GSLR at Ettumanoor and laying of 200mm di pipe from Caritas tank to Karayattupuzha tank	11.103	1.1900	12.2930	1. Providing FHTCs- 2000 2. Providing gravity main 3. Extension of pipe line- 20000 M
26	Kollam Approved SWAP Capex (Cr.) 37.0 O&M(Cr.) 4.5 Total cost 41.5Cr	AMRUT 2.0 AWSS To Kollam Corporation - Improvements To Water Supply In Kilikollur Zone, Kadavoor And Sakthikulangara Zone. Providing Pumping Main Using Di Pipes Of 700mm To 300mm Size For A Total Length Of 17kms From Vasoorchira Towards	52.8	5.3100	58.1100	1. Supply and laying of clear water transmission main line - 17km 2. Construction of valve chamber

Sl No	ULB	Name of Project	Amount as Per DPR			Major Components
			Capex (Cr.)	O&M (Cr.)	Total Cost	
		Moonamkutty, Sakthikulangaramathilil&Anchalumoodu. Providing Pump Sets At Wtp Pump House -180 Hp 2nos, Including Road Restoration Charges				
27	Kollam Approved SWAP Capex (Cr.) 7.5 O&M(Cr.) 0.090 Total cost 7.590Cr	AMRUT 2.0 AWSS To Kollam Corporation - Improvements To Water Supply In Thrikkadavoor Zone - Construction Of 15 LI Ohsr In Anchalumoodu Kollam Corporation Phase -I-Distribution Improvements	7.355	0.1062	7.4612	1. Storage - 43.5 LL Construction of 15LL at Anchalumoodu -Kadavoor Zone 2. Constructing Valve Chambers
28	Kollam Approved SWAP Capex (Cr.) 67.13 O&M(Cr.) 0.67 Total cost 67.801	AMRUT-2.0- Proposals for 100 % coverage of FIHTCS in Kollam Municipal Corporation - - Providing 30500 FHTCs from the Existing Pipe lines at various places in Kollam Corporation.	67.801	0.6780	68.479	1. Providing FHTCs- 30500 2. Pipe line extension 107.5 KM
29	Kollam Approved SWAP Capex (Cr.) 40.0 O&M(Cr.) 0.4 Total cost 40.4Cr	AMRUT 2.0 AWSS To Kollam Corporation - Extension Of Distribution System For A Total Of 30 Kms In Various Zones Using Pvc Pipes, Including Road Restoration Charges (Phase 2).	21.566	0.2545	21.8205	1. Extension of distribution lines - 30 Km in Different zones. 2. Interconnection with proposed and existing OHSR using DI/PVC pipes.
30	Kollam Approved SWAP Capex (Cr.) 37.2 O&M(Cr.)0.372 Total cost37.572Cr	AMRUT 2.0 AWSS To Kollam Corporation - Extension Of Distribution System For A Total Of 50 Kms In Various Zones Using Pvc Pipes, Including Road Restoration Charges (Phase 1).	37.431	0.4420	37.8730	1. Extension of distribution system for a total of 50 Kms in various zones using PVC pipes, including road restoration charges (Phase 1)
31	Pandalam Approved SWAP Capex (Cr.) 1.65 O&M(Cr.) 0.33 Total cost 1.98Cr	AMRUT - 2.0 - City Water Action Plan Athiramala Water Supply Scheme- Establishing Distribution network and FHTCs Athiramala area in Pandalam Municipality	1.65	0.3300	1.9800	1. Strengthening and laying distribution network 2. Providing FHTCs- 210
32	Karunagappally Approved SWAP Capex (Cr.) 13.614 O&M(Cr.) 0.13 Total cost 13.744Cr	AMRUT 2.0UWSS to Kurunagappally - Phase.I - supplying & laying clear Water Pumping Main from kolathamukku tank site to Thachayilmukkuk old tank sile in Karunagappally Municipality)	14.964 38	2.1757	17.1401	1. Supplying and laying 500mmDI K9 clear water pumping main(7500m). 2. Construction of valve chambers. 3. Existing connection serviced =7695
33	Mavelikkara Approved SWAP Capex (Cr.) 6.65 O&M(Cr.) 0.330 Total cost 6.98Cr	AMRUT 2.0 -Mavelikkara Municipality- Replacing old and damaged AC pipelines using PVC pipes in Mavelikkara municipality	6.98	0.0660	7.0460	1. Supplying and laying distribution system(15 Km of AC pipe with PVC pipe) 2. Providing FHTCs- 950
34	Mavelikkara Approved SWAP Capex (Cr.) 1.2 O&M(Cr.) 0.024 Total cost 1.224	AMRUT 2.0 -Mavelikkara Municipality- Providing 1050 FHTCs in Mavelikkara Municipality	1.332	0.0133	1.3453	1. Providing FHTCs- 1050
35	Attingal Approved SWAP Capex (Cr.) 7.81	AMRUT 2.0- Attingal Municipality PHAS-Proposals for Improving the Water Supply System In Attingal Municipal Area Pipeline Work	7.81	0.5000	8.3100	1)Pipe line extension 2)construction of valve chamber 3)Replacing old pipe

Sl No	ULB	Name of Project	Amount as Per DPR			Major Components
			Capex (Cr.)	O&M (Cr.)	Total Cost	
	O&M(Cr.) 0.5 Total cost 8.31Cr					lines=400 4)Providing FHTC=1600
36	Varkala Approved SWAP Capex (Cr.) 8.24 O&M(Cr.) 0.412 Total cost 8.652Cr	AMRUT2.0-Replacing of damaged AC pipes, Extension of pipes and providing Functional House Connections (4300 Nos.) at Varkala Municipality under WS-1, Varkala.	8.24	0.3980	8.6380	1. Pipe line Extension - 100 2.FHTC's - 4300 3. Road Restoration.
37	Neyyattinkara Approved SWAP Capex (Cr.) 13.89 O&M(Cr.) 0.3 Total cost 14.19Cr	AMRUT 2.0-Neyyattinkara Municipality - Replacement of AC pipes, Pipe line extension, and Providing FHTCs in Neyyattinkara Municipality-Pipeline Work-I	13.89	0.3000	14.1900	1)Replacing AC pipe with DI Pipe and Laying Various sizes of Pipes - 1250 2)Supply pipes and Specials- 3)Construction of Valve Chambers & Anchor blocks 4)Providing FHTCS - 2750 5)Supply of 1 Nos Vertical Turbine Pumps set & Electro magnetic type Flow meter
38	Thiruvanthapuram Approved SWAP Capex (Cr.) 2.8827 O&M(Cr.) 0.1441 Total cost 3.0268Cr	AMRUT 2.0-TWSS-Providing FHTCs to attain full coverage of all wards under Pattoor KWA section-Pipeline Work	2.8827	0.1441	3.0268	1)Working Charges and Supply of Pipes &Specials 2)Construction of Valve Chambers, Anchor Blocks 3) Miscellaneous Works 4) Providing FHTC-1250 5)Road restoration charges
39	Thiruvanthapuram Approved SWAP Capex (Cr.) 1 O&M(Cr.) 0.05 Total cost 1.05Cr	AMRUT 2.0-Laying new PVC pipes, alteration at various wards under Thirumala section PTP-Pipeline Work.	1	0.0500	1.0500	Providing FHTC-300 Replacement - 150
40	Thiruvanthapuram Approved SWAP Capex (Cr.) 2.7793 O&M(Cr.) 0.1389 Total cost 2.9182Cr	AMRUT 2.0--Providing FHTC to attain full coverage of all wards under Palayam KWA Section-General Civil Work.	2.7793	0.1389	2.9182	Providing FHTC-850
41	Thiruvanthapuram Approved SWAP Capex (Cr.) 2.973 O&M(Cr.) 0.1486 Total cost 3.1216Cr	AMRUT 2.0-Proposal For 100% Coverage In Pangode, Ptp, Valyavila, Thirumala, Punnakkamugal, And Kanjirampara Wards Under Thirumala Section In Thiruvanathapuram Municipal Corporation-Replacing Existing Lines & Amp; Extension Of Existing Lines & Providing New Lines With Fitc- Pipeline Work	2.973	0.1486	3.1216	1)PIPE LAYING 2)CONSTRUCTION OF VALVE CHAMBER 3)HOUSE CONNECTION=600, ALTERATION - 100 4) SUPPLY OF MATERIAL 5) PWD ROAD RESTORATION
42	Thiruvanthapuram Approved SWAP Capex (Cr.) 0.9646	AMRUT 2.0 - Providing FHTCs to attain full coverage of all wards under Kowdiar KWA section.	0.9646	0.0482	1.0128	1) FHTC-200, Alteration - 100 2) Construction of Valve chambers

SI No	ULB	Name of Project	Amount as Per DPR			Major Components
			Capex (Cr.)	O&M (Cr.)	Total Cost	
	O&M(Cr.) 0.0482 Total cost 1.0128Cr					
43	Thiruvanthapuram Approved SWAP Capex (Cr.) 4.8009 O&M(Cr.) 0.24 Total cost 5.0409Cr	AMRUT 2.0-Proposal for 100% coverage in Mudavanmugal, Poojappura, Karamana, Nedumcadu and Arannoor wards under the Karamana section in Thiruvananthapuram Municipal corporation- replacing existing lines& providing new lines with FHTC-pipeline work	4.8009	0.2400	5.0409	FHTC=150, ALTERATION - 3000
44	Thiruvanthapuram Approved SWAP Capex (Cr.) 8.882 O&M(Cr.) 0.4441 Total cost 9.3261Cr	AMRUT 2.0 - Providing FHTCs for all wards (partial Coverage as Phase -I) under Kazhakuttam KWA section	8.882	0.4441	9.3261	1)FHTCs in Coverage Details - 4000 2)Construction of Valve chamber 3) PWD road restoration charges 4) Toilet at Manvila GLSR and Pullanivila Pump House
45	Thiruvanthapuram Approved SWAP Capex (Cr.) 14.6267 O&M(Cr.) 0.7313 Total cost 15.358Cr	AMRUTH 2.0-proposal for partial coverage-phase 1 in poonkulam, punchakari thiruvallam vellar wards under ww section vandithadam in thiruvananthapuram municipal corporation-replacing existing lines and extensions of existing lines and providing new lines with FHTCs-pipeline work	14.6267	0.7313	15.3580	1) Pipe Laying Works 2)Providing FHTC=1695, ALTERATION - 1500 3) Construction Of The Drain 4) Providing The NRV At Thiruvallam Ph 5) Improving The Water Quality Processing 6) Supplying Materials
46	Thiruvanthapuram Approved SWAP Capex (Cr.) 9.06 O&M(Cr.) 0.453 Total cost 9.513Cr	AMRUT 2.0 - Providing FHTCs for all wards (Partial Coverage as Phase -I) under Pongummoodu Section	9.06	0.4530	9.5130	1) Providing new FHTCs =3000 2) improving water supply in various wards in Thiruvananthapuram Corporation under WW section Peroorkada
47	Thiruvanthapuram Approved SWAP Capex (Cr.) 7.593 O&M(Cr.) 0.3796 Total cost 7.9726Cr	AMRUT 2.0-Proposal For Partial Coverage-Phase 1 In Poonthura, Bheemapally, Manikyavilakom, Bheemapally East, Valiyathura, Muttathara, Puthenpally Sangumugham (Part), Wards Of Thiruvananthapuram Municipal Corporation-Replacing Existing Lines & Providing New Lines With Fhtcs Under WW Section Kuriathy- Pipeline Work	7.593	0.3796	7.9726	1) Interconnection To Newly Laid Line From Distribution Mains/Branch Lines Using Suitable Tee,Reducer,Cid Cir Joints And Other Specials Etc. 2)Providing New FHTC From Existing Pipe Lines=2300, ALTERATION - 1000 3)Geo Tagging Of FHTC=2300
48	Thiruvanthapuram Approved SWAP Capex (Cr.) 2.4078 O&M(Cr.) 0.1203	AMRUT 2.0 - Providing new FHTCs and improving water supply in various wards in Thiruvananthapuram Corporation under WW section Peroorkada	2.4078	0.1203	2.5281	FHTCs in Coverage Details - 1000

Sl No	ULB	Name of Project	Amount as Per DPR			Major Components
			Capex (Cr.)	O&M (Cr.)	Total Cost	
	Total cost 2.5281Cr					
49	Thiruvanthapuram Approved SWAP Capex (Cr.) 10.847 O&M(Cr.) 0.5423 Total cost 11.3893Cr	AMRUT 2.0- Proposal For 100% Coverage In Puthenpally , Sreekandeswaram Part, Thampanoor Part,Chala Fort Manacadu, Kuriathy, Attukal, Palkulangara Part,Chakka Part, Vallakkadavu, Perumthanni Ambalathara,Valiyathura, Sreevaraham Wards Under Kuriathy Section In Thiruvananthapuram Municipal Corporation, Replacing Existing Lines& Extension Of Existing Lines& Providing New Lines With Fhtcs-Pipeline Work	10.847	0.5423	11.3893	1) Providing New FHTC From The Existing Pipe Lines=1980, Alteration - 3000 2)Supply Of Materials 3)Pipe Laying
50	Thiruvanthapuram Approved SWAP Capex (Cr.) 6.1 O&M(Cr.) 0.305 Total cost 6.405 Cr	AMRUT 2.0 - Providing FHTCs for all wards (Partial Coverage as Phase -II) under Kazhakoottam KWA section	6.1	0.3050	6.4050	1. FHTCs in Coverage Details - 2000 2. improving water supply in various wards in Thiruvananthapuram Corporation under WW section Peroorkada
51	Thiruvanthapuram Approved SWAP Capex (Cr.) 5.7682 O&M(Cr.) 0.2884 Total cost 6.0566 Cr	AMRUT 2.0-Proposal For Partial Coverage-Phase 1-In Kalady, Pappanamcode, Melamcode, Estate, Nemom And Ponnumangalam Wards Under Karamana Section In Thiruvananthapuram Municipal Corporation-Replacing Existing Lines & Amp; Extension Of Existing Lines & Amp; Providing New Lines With Fhtcs-Amrut 2.0-Proposal For Partial Coverage-Phase I-In Kalady, Pappanamcode, Melamcode, Estate, Nemom And Ponnumangalam Wards Under Karamana Section In Thiruvananthapuram Municipal Corporation Replacing Existing Lines & Extension Of Existing Lines & Providing New Lines With Fhtcs-Pipeline Work	5.7682	0.2884	6.0566	FHTC=500, ALTERATION - 2500
52	Thiruvanthapuram Approved SWAP Capex (Cr.) 12.5448 O&M(Cr.) 0.6272 Total cost 13.172Cr	AMRUT 2.0 - Providing FHTCs for all wards (Partial Coverage as Phase -II) under Pongummoodu KWA Section- Pipeline Work-1	12.5448	0.6272	13.1720	1. FHTC=5000 2. Laying 8000m new pipe lines under Peroorkada KWA section
53	Thiruvanthapuram Approved SWAP Capex (Cr.) 0.25 O&M(Cr.)0.0125 Total cost 0.2625Cr	AMRUT 2.0 -Replacing old frequent bursting pipe with PVC pipe in Anoor, Thirumala, Rose garden in Thrikannapuram ward	0.25	0.0125	0.2625	1)Pipe Laying 2 Construction Of Valve Chamber 3 Alteration = 100 5 PWD Road Restoration

Sl No	ULB	Name of Project	Amount as Per DPR			Major Components
			Capex (Cr.)	O&M (Cr.)	Total Cost	
54	Thiruvanthapuram Approved SWAP Capex (Cr.) 0.45 O&M(Cr.) 0.0225 Total cost 0.4725Cr	AMRUT2.0--Replacing of pipe lines at Ammaveedu line and interconnection at Studio road under Nemom ward-Pipeline Work	0.45	0.0225	0.4725	1)Construction Of Valve Chamber, New connection - 7, Alteration - 250 2) Interconnection at Studio road 3) Supply of materials 5 PWD/NH restoration charge
55	Thiruvanthapuram Approved SWAP Capex (Cr.) 0.25 O&M(Cr.) 0.0125 Total cost 0.2625	AMRUT 2.0-Replacing of 80mm AC pipe line to110mm PVC pipe 6kg/cm2 works at Sankar Nagar, Pappanamcode-Pipeline Work	0.25	0.0125	0.2625	1.Pipe Laying, New connection - 7, Alteration - 100 2. construction of valve chamber
56	Thiruvanthapuram Approved SWAP Capex (Cr.) 0.6 O&M(Cr.) 0.03 Total cost 0.63Cr	AMRUT 2.0-Replacing of pipe lines at Arannoor ward-AMRUT 2.0- Replacing of pipe lines at Arannoor ward-Pipeline Work-1	0.6	0.0300	0.6300	1.Pipe Laying, New connection - 7, Alteration - 265 2. construction of valve chamber
57	Thiruvanthapuram Approved SWAP Capex (Cr.) 0.15 O&M(Cr.)0.0075 Total cost 0.1575Cr	AMRUT 2.0- Replacing of old AC pipes and extension and alterations in Nedumcadu ward-Pipeline Work	0.15	0.0075	0.1575	1.pipe laying 2.FHTC = 6, Alteration - 75
58	Thiruvanthapuram Approved SWAP Capex (Cr.) 0.15 O&M(Cr.) 0.0075 Total cost 0.1575Cr	AMRUT 2.0-Replacing of old AC pipes and extension and alteration of Poojappars ward, construction of valve chamber and raising of valve chamber--Pipeline Work	0.15	0.0075	0.1575	1.Laying PVC pipes 2. FHTC= 6, Alteration - 150
59	Thiruvanthapuram Approved SWAP Capex (Cr.) 0.85 O&M(Cr.) 0.0425 Total cost 0.8925 Cr	AMRUT 2.0-Pipeline extension works at various places of Mudavanmugal ward-Pipeline Work	0.85	0.0425	0.8925	FHTC= 30, Alteration - 600
60	Thiruvanthapuram Approved SWAP Capex (Cr.) 0.2 O&M(Cr.) 0.01 Total cost 0.21Cr	AMRUT 2.0 Pipe laying works at various places of Kalady ward-Pipeline Work	0.2	0.0100	0.2100	FHTC=8, Alteration - 238
61	Thiruvanthapuram Approved SWAP Capex (Cr.) 0.085 O&M(Cr.) 0.0042	AMRUT-2.0 Supply & Erection & Commissioning Of Chlorine Absorbtion System AT 36MLD WTP	0.085	0.0042	0.0892	1.) Chlorine leak absorption system, Alteration - 50

Sl No	ULB	Name of Project	Amount as Per DPR			Major Components
			Capex (Cr.)	O&M (Cr.)	Total Cost	
	Total cost 0.0892Cr					
62	Thiruvanthapuram Approved SWAP Capex (Cr.) 9.7182 O&M(Cr.) 0.4859 Total cost 10.2041 Cr	AMRUT 2.0 proposal for partial coverage-phase 1 in poonthura, Bemapally, Manikkavilakam, Valiyathura part, and Beemapally east under of Thiruvanthapuram municipal corporation-replacing existing lines & extension of existing lines & providing new lines with FHTC under WW section Kuriathy-pipeline work	9.7182	0.4859	10.2041	1) Providing New FHTC - 820, Alteration - 6000 2) Conveying Of The Valves 3) Improvement Of TWSS-Mr Hill Pump House Improvement Of Twss-Construction Of Toilet 4) Providing CCTV Camera At Iranimuttam Tank 5) Improvement Of TWSS-Construction Of Toilet At Kuriathy Ww South Sub Division Compound 6) Interconnection To Newly Laid Line From Distribution Mains/Branch Lines Using Suitable Tee Reducer,Cid/Cir Joints And Other Specials
63	Thiruvanthapuram Approved SWAP Capex (Cr.) 2.8 O&M(Cr.) 0.14 Total cost 2.94Cr	AMRUT 2.0 - Providing FHTCs for all wards (partial coverage as Phase II) in Thiruvanthapuram Corporation under Peroorkada section.-Pipeline Work	2.8	0.1400	2.94	1)FHTCs in Coverage Details - 1000 2) Laying 11000m new pipe lines under Peroorkada KWA section
64	Thiruvanthapuram Approved SWAP Capex (Cr.) 1.832 O&M(Cr.) 0.0916 Total cost 1.9236Cr	AMRUT - 2.0 - Providing 160 mm and 110mm PVC Rider main And Alteration of Existing connections along Mukkilkada - Anandeswram Road-Pipeline Work	1.832	0.0916	1.9236	1.Replacement of frequently bursting pipe Lines at along Mukkilkada - Anandeswram Road 2. providing alteration of FHTCs=400
65	Thiruvanthapuram Approved SWAP Capex (Cr.) 1.2707 O&M(Cr.) 0.0635 Total cost 1.3342Cr	AMRUT 2.0-Replacing old pipe lines which are regularly breaking in Chettivilakom ward in Thiruvanthapuram corporation under Peroorkada Section-Pipeline Work	1.2707	0.0635	1.3342	1)Replacement of frequently bursting pipe 80 mm AC pipes in Chettivilakom ward for 1450m, laying new pipe lines for 1025m, 2)providing new 30 FHTCs 3) alteration of 300 FHTCs
66	Thiruvanthapuram Approved SWAP Capex (Cr.) 4.901 O&M(Cr.) 0.245 Total cost 5.146 Cr	AMRUT 2.0 - TWSS - Replacing old pipe lines which are regularly breaking in Kinavoor ward in Thiruvanthapuram corporation under Peroorkada Section.-Pipeline Work	4.901	0.2450	5.146	1) Replacement of frequently bursting pipe 100/80 mm AC pipes in Kinavoor ward for 7550m 2)laying new pipe lines for 900m, 3) providing new 50 FHTCs 4) alteration of 1500 FHTCs
67	Thiruvanthapuram Approved SWAP	AMRUT 2.0 -TWSS -Replacing old pipe lines which are regularly breaking in Mannanthala and Nalanchira ward in	2.466	0.1233	2.5893	1) Replacement of frequently bursting pipe 150 to 80 mm AC pipes in Thuruthumoola and

Sl No	ULB	Name of Project	Amount as Per DPR			Major Components
			Capex (Cr.)	O&M (Cr.)	Total Cost	
	Capex (Cr.) 2.466 O&M(Cr.) 0.1233 Total cost 2.5893 Cr	Thiruvananthapuram corporation under Peroorkada section-Pipe line work				Peroorkada wards for 3000m, 2) laying new pipe lines for 1900m, 3) providing new 150 FHTCs 4) alteration of 800 FHTCs
68	Thiruvanthapura m Approved SWAP Capex (Cr.) 2.8601 O&M(Cr.) 0.143 Total cost 3.0031Cr	AMRUT 2.0 - TWSS - Replacing old pipe lines which are regularly breaking in Thuruthumoola ward and Peroorkada ward in Thiruvananthapuram Corporation under WW section Peroorkada.- Pipeline Work	2.860	0.1430	3.003	1)Replacement of frequently bursting pipe 150 to 80 mm AC pipes in Thuruthumoola and Peroorkada wards for 1450m, 2) laying new pipe lines for 5110m, 3)providing new 200 FHTCs 4)alteration of 600 FHTCs
69	Thiruvanthapura m Approved SWAP Capex (Cr.) 6.204 O&M(Cr.) 0.3102 Total cost 6.5142 Cr	AMRUT 2.0 - - Replacement of old lines and laying new pipelines in various locations under central sub division Palayam-Pipeline Work	6.204	0.3102	6.514	1) Replacement of frequently bursting pipe 150 to 80 mm AC pipes under Central Subdivision 2) laying new pipe lines for 6700m 3) alteration of 1350 FHTCs
70	Thiruvanthapura m Approved SWAP Capex (Cr.) 5.65 O&M(Cr.) 0.2825 Total cost 5.9325Cr	AMRUT 2.0-Proposal For Partial Coverage-Phase 1-In Vattiyookavu, Kodunganoor, Vazhottukonam, Nettayam ,Kachani And Thrikkannapuram And Thuruthumoola (Part) Wards Under Thirumala Section In Thiruvananthapuram Municipal Corporation-Replacing Existing Lines & Amp; Extension Of Existing Lines& Amp; Providing New Lines With Fhtcs-Pipeline Work	5.650	0.2825	5.933	1)Pipe Laying 2) Construction Of Valve Chamber 3)House Connection=1800, Alteration - 300 4) Pwd Road Restoration
71	Thrissur Approved SWAP Capex (Cr.) 5 O&M(Cr.) 0.5 Total cost 5.5Cr	AMRUT 2.0-Water supply schemes from Kadavaram Pond- Construction of Pump house- providing Treatment Facilities by pressure filters, Laying distribution network, and providing 1000 FHTC FOR Thrissur corporation	5	0.5000	5.5000	1. Construction of 0.5 MLD WTP 2. Construction of 5LL OHSR at Kadavaram pond premises with 2 nos HP 3.1000 FHTC 4. 200 mm DI K9 Pipe,160,110,90 mm PVC pipes. 5. Pump House, Pressure filter, Chlorinator, Iron removal plant, Pump sets,
72	Adoor Approved SWAP Capex (Cr.) 2.4 O&M(Cr.) 0.48 Total cost 2.88Cr	AMRUT 2.0-Laying and strengthening the existing distribution system in Adoor Municipality	2.4	0.4400	2.8400	FHTCs - 2000 pipe line extension
73	Adoor Approved SWAP Capex (Cr.) 7.6	AMRUT-2.0-Strengthening existing distribution system & Providing house connections in Adoor Municipality	7.6	1.5000	9.1000	1) Laying 200 mm DI K9 pumping main from the WTP to the new OHSR

Sl No	ULB	Name of Project	Amount as Per DPR			Major Components
			Capex (Cr.)	O&M (Cr.)	Total Cost	
	<i>O&M(Cr.) 1.5 Total cost 9.1Cr</i>					Clear Water Pumpsets 60 HP with one in duty and one standby. 2) Construction of 5LLOHSR at Kamalappara 3) Laying new and enhancing existing distribution network from the 5LL at Kaimalappara. 4) OHSR 5) Providing additional 800 house connections are proposed as part of this Project
74	Thrissur Approved SWAP Capex (Cr.) 8.5 O&M(Cr.) 0.85 Total cost 9.35Cr	AMRUT 2.0- Renovation of 14.5MLD WTP Augmented to 20MLD at Peechi and Providing 3550 FHTCs in Thrissur Corporation	8.5	0.8500	9.35	"1) Augmentation of existing 14.5 MLD WTP to 20 MLD WTP 2) Civil work, truss work, mechanical work, dual media, construction of aerator, construction of alum and lime tank, clarifier, flocculator and flash mixer renovation. 3) Water Treatment 4) Installation of chlorinator and chlorine cylinders/tonners 5) Cost of materials- Chemicals, laboratory equipments. 6) Providing 3550 nos of FHTCs in Thrissur corporation."
75	Kothamangalam Approved SWAP Capex (Cr.) O&M(Cr.) Total cost Cr	AMRUT-2. Kothamangalam Municipality- Providing FHTC To Urban House Holds in Kothamangalam Municipality	2.4951	0.0049	2.5000	1) Distribution network : 200mm DI K-9 Pipe - 3000 m : 90mm PVC pipe -120m 2)FHTC = 250"
TOTAL			740.5 9108	33.501 0	774.092 5	

Decision to be taken:

The Committee may recommend 75 projects amounting to Rs.774.092 Cr. (CAPEX - Rs.740.591 Cr. & OPEX – Rs.33.501 Cr.) for Administrative sanction.

Agenda Item No.7: ADMINISTRATIVE SANCTION OF SEWERAGE PROJECTS APPROVED UNDER 1ST TRANCHE OF SWAP:

The 4th Apex committee meeting under the Atal Mission for Rejuvenation and Urban Transformation 2.0 (AMRUT 2.0) held on 12.08.2022 has approved tranche 1 of the State Water Action Plan (SWAP-1) comprises **199 WS projects** for 81/93 Urban Local Bodies and **23 SEW projects** for Thiruvananthapuram Corporation.

The Thiruvananthapuram Corporation area has been divided into 18 sewerage blocks, namely, A to R . Sewerage facilities are available in A, B, C, D, and E Blocks either fully or partially. The coastal area has two Blocks, namely F & G have no sewerage facilities at present. In Amrut phase-1, projects have been taken up for the extension of the sewerage network and system for uncovered portions of the Thiruvananthapuram Corporation area and in I, J, K, and L Blocks.

In AMRUT Phase 2, Projects for providing an extension of sewer networks in 16 locations under Blocks A, B, D, and E, providing sewer networks in Block N(Ulloor block-Sewer line connected with Ulloor pump house serve Edavacode, Nalanchira, Ulloor, and a portion of Pongummoodu area) and for Providing Sewerage Lines in various areas for connecting lines already laid in Amrut 1.0 in blocks I, J, K & L.

KWA has submitted detailed project reports for 23 Sewerage projects of Thiruvananthapuram Corporation amounting to Rs. 109.86Cr. (CAPEX – Rs 104.63 Cr. & OPEX- Rs. 5.23 Cr.).

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

Hence, it is requested to issue AS for 23 SEW projects amounting to Rs. 109.86Cr. (CAPEX – Rs 104.63 Cr. & OPEX- Rs. 5.23 Cr.)

The recommended list of projects for issuing Administrativesanctions is as follows: (A detailed project list is attached as **Annexure-9**).

Sl No.	ULB	Name of the Project	PROJECT COST			Major Components
			Capex (Cr.)	O&M (Cr.)	Total Cost	
			A	B		
1	Trivandrum Approved SWAP: CAPEX - 25 Cr. O&M - 1.25 Cr. Total - 26.25 Cr.	AMRUT 2.0 - Providing Sewerage Lines in various areas for connecting lines already laid in Amrut 1.0 in blocks L ,J,K & I	23.43	1.19	24.62	1. Sewer network 2. Construction of manhole 3. FHTC New: 1000, HH Benefitted: 5200
2	Trivandrum Approved SWAP: CAPEX - 8 Cr.	AMRUT 2.0 - Construction of sewer Pumping Station in Kollavila in Block N Ulloor	5.22	0.28	5.5	1. Construction of pump house 2. Construction of Grit Chamber 3. Pipe laying works 4. Compound wall

	O&M - 0.4 Cr. Total - 8.4 Cr.					5. Mechanical parts (Grantry crane) 6. FHTC New: 0, HH Benefitted: 1800
3	Trivandrum Approved SWAP: CAPEX - 3 Cr. O&M - 0.15 Cr. Total - 3.15 Cr.	AMRUT 2.0 - Supplying and erection of pump sets , transformer and electrical accessories in the Kollavila Pumping Station	2.37	0.13	2.5	1. Supplying and erection of sewerage pumps 2. Electrical work of pump house 3. Supplying and erection of transformers and connected works 4. Supply and installation of diesel generator 5. FHTC New: 0, HH Benefitted: 700
4	Trivandrum Approved SWAP: CAPEX - 3 Cr. O&M - 0.15 Cr. Total - 3.15 Cr.	AMRUT 2.0 - Supplying and laying 400mm DI K9 pumping main (Kollavila pump station to stilling chamber at Udhaya gardens)	3	0.1	3.1	1. Supplying and erection of sewerage pumps 2. Electrical work of pump house 3. Supplying and erection of transformers and connected works 4. Supply and installation of diesel generator 5. FHTC New: 0, HH Benefitted: 800
5	Trivandrum Approved SWAP: CAPEX - 22 Cr. O&M - 1.1 Cr. Total - 23.1 Cr.	AMRUT 2.0 - Laying Transmission main and sewer networks in Block N (Ulloor)	22.8	1.2	24	1. Sewer network 2. Manholes 3. FHTC New: 400, HH Benefitted: 4800
6	Trivandrum Approved SWAP: CAPEX - 22 Cr. O&M - 1.1 Cr. Total - 23.1 Cr.	AMRUT 2.0 - Providing Sewer lines for branch sewers to the collection mains of Block N	23.23	1.22	24.45	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 800, HH Benefitted: 4800
7	Trivandrum Approved SWAP: CAPEX - 13 Cr. O&M - 0.65 Cr. Total - 13.65 Cr.	AMRUT 2.0 - Providing sewer line from Kazhakuttom area to Kulathoor Pumping Station	15.95	0.68	16.63	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 400, HH Benefitted: 2800
8	Trivandrum Approved SWAP:	AMRUT 2.0 - T S S -Providing and laying 250mm SW Sewer line at Kanjirampara East	0.7609	0.038	0.7989	1. Laying Sewer Line 2. Construction of manholes

	CAPEX - 0.7609 Cr. O&M -0.038 Cr. Total - 0.7989 Cr.	Residence Association (KERA), (MH 1-MH15) under Sewerage section Sasthamangalam.				3. FHTC New: 60, HH Benefitted: 60
9	Trivandrum Approved SWAP: CAPEX - 0.8308 Cr. O&M - 0.0415 Cr. Total - 0.8723 Cr.	AMRUT 2.0 - T S S -Providing and laying 250mm SW Sewer line at Kanjirampara East Residence Association (KERA), (MH16-MH 30) under Sewerage section Sasthamangalam.	0.8308	0.0415	0.8723	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 65, HH Benefitted: 65
10	Trivandrum Approved SWAP: CAPEX - 0.6078 Cr. O&M - 0.0303 Cr. Total - 0.6381 Cr.	AMRUT 2.0 - T S S --Providing and laying 200mm SW Sewer line at Harismrithy lane, Kanjirampara East Residents Association, Kanjirampara , under Sewerage section Sasthamangalam.	0.6078	0.0303	0.6381	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 55, HH Benefitted: 55
11	Trivandrum Approved SWAP: CAPEX - 0.35 Cr. O&M - 0.0175 Cr. Total - 0.3675 Cr.	AMRUT 2.0 - T S S --Providing and laying 200mm SW Sewer line at Parayil lane, Kanjirampara East Residents Association, Kanjirampara , under Sewerage section Sasthamangalam.	0.35	0.0175	0.3675	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 50, HH Benefitted: 50
12	Trivandrum Approved SWAP: CAPEX - 0.3118 Cr. O&M - 0.0155 Cr. Total - 0.3273 Cr.	AMRUT 2.0 - T S S -Providing and laying 200 mm s w sewer line towards SOUBHAGYA NAGAR and KALATHIL LANE, Medical college ward, under Sewerage Section , Sasthamangalam.	0.3118	0.0155	0.3273	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 50, HH Benefitted: 50
13	Trivandrum Approved SWAP: CAPEX - 0.25 Cr. O&M - 0.0125 Cr. Total - 0.2625 Cr.	AMRUT 2.0 - T S S - Corporation of Thiruvananthapuram- Providing and laying 200mm SW Sewer line at Devi Nagar , " T" lane Edakulam, at Peroorkada ward under Sewerage section Sasthamangalam.	0.25	0.0125	0.2625	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 50, HH Benefitted: 50
14	Trivandrum Approved SWAP:	AMRUT 2.0 - T S S -Providing and laying 200 mm s w sewer line from house MGRA 97 to	0.1404	0.007	0.1474	1. Laying Sewer Line 2. Construction of manholes

	CAPEX - 0.1404 Cr. O&M - 0.007 Cr. Total - 0.1474 Cr.	114 at Maharaja gardens, Kowdiar ward - under Sewerage Section, Sasthamangalam.				3. FHTC New: 25, HH Benefitted: 25
15	Trivandrum Approved SWAP: CAPEX - 2 Cr. O&M - 0.1 Cr. Total - 2.1 Cr.	AMRUT 2.0 - T S S -Providing and laying 300 & 250mm s w sewer line from Kalakoumudi road Towards Koyikkal lane in the side of pond - under Sewerage Section , Sasthamangalam.	2	0.1	2.1	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 250, HH Benefitted: 250
16	Trivandrum Approved SWAP: CAPEX - 0.1269 Cr. O&M - 0.0063 Cr. Total - 0.1332 Cr.	AMRUT 2.0 - T S S-Providing and laying 200mm SW Sewer line at KK lane at Murinjapalam, under Sewerage section Sasthamangalam.	0.1269	0.0063	0.1332	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 25, HH Benefitted: 25
17	Trivandrum Approved SWAP: CAPEX - 0.1871 Cr. O&M - 0.0093 Cr. Total - 0.1964 Cr.	AMRUT 2.0 - T S S-Providing and laying 200 mm s w sewer line at Chithira lane Towards Kochar road Maruthankuzhy under sewerage section , Sasthamangalam.	0.1871	0.0093	0.1964	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 25, HH Benefitted: 25
18	Trivandrum Approved SWAP: CAPEX - 0.1112 Cr. O&M - 0.0055 Cr. Total - 0.1167 Cr.	AMRUT 2.0 - Providing and laying 200 mm s w sewer line From House no MGRA 135 Towards TKD Road Marapalam under Sewerage section Sasthamangalam.	0.1112	0.0055	0.1167	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 25, HH Benefitted: 25
19	Trivandrum Approved SWAP: CAPEX - 0.25 Cr. O&M - 0.0125 Cr. Total - 0.2625 Cr.	AMRUT 2.0 - Providing and laying 200 mm SW sewer line in Panchami Garden Hno. PGRA 1 to PGRA 35 in Jagathy ward ,Under sewerage section Sasthamangalam	0.25	0.0125	0.2625	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 50, HH Benefitted: 50
20	Trivandrum Approved SWAP: CAPEX -	AMRUT 2.0 - SD - Providing and laying 300mm & 200 mm SW Sewer line at Vinayaka Nagar, Arapura, Vattiyoorkavu,	1.0623	0.0531	1.1154	1. Laying Sewer Line 2. Construction of manholes

	1.0623 Cr. O&M - 0.0531 Cr. Total - 1.1154 Cr.	under Sewerage Section, Sasthamangalam, Reach 1				3. FHTC New: 250, HH Benefitted: 250
21	Trivandrum Approved SWAP: CAPEX - 0.257 Cr. O&M - 0.0128 Cr. Total - 0.2698 Cr.	AMRUT 2.0 - Providing and laying 200 mm s w sewer line near BSNL office Chalakuzhy, medical college and branch lane at SCT Nagar from SCTNRA-231 to PLRA-151 - under Sewerage Section , Sasthamangalam.	0.257	0.0128	0.2698	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 50, HH Benefitted: 50
22	Trivandrum Approved SWAP: CAPEX - 1.1961 Cr. O&M - 0.0598 Cr. Total - 1.2559 Cr.	SD - Providing and laying 300mm & 200 mm SW Sewer line at Vinayaka Nagar, Arapura, Vattiyookavu, under Sewerage Section, Sasthamangalam, Reach 2	1.1961	0.0598	1.2559	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 250, HH Benefitted: 250
23	Trivandrum Approved SWAP: CAPEX - 0.19 Cr. O&M - 0.0095 Cr. Total - 0.1995 Cr.	AMRUT 2.0 - TSS-PLAN (30)- 2022-23- Laying 150 mm dia SW sewer line towards Padayani garden Assosiation lane 17 (PRA 153 to PRA 158) & Lane 06 (PRA 29 to PRA 32) and laying PVC sewer line towards Punartham Garden Lane 11(87 to 96) & Lane 8B in Padayani road in Maruthamkuzhy	0.19	0.0095	0.1995	1. Laying Sewer Line 2. Construction of manholes 3. FHTC New: 70, HH Benefitted: 70
	TOTAL		104.6323	5.2311	109.8634	

Decision to be taken:

The Committee may recommend 23 Sewerage projects proposed in Thiruvananthapuram amounting to Rs. 109.86Cr. (CAPEX – Rs 104.63 Cr. & OPEX- Rs. 5.23 Cr.) for Administrative sanction.

Agenda Item No.8: 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 Ministry of Housing and Urban Affairs, Government of India has launched the sub-scheme of 'Formulation of GIS-based Master Plans for Class II towns under AMRUT 2.0'. Towns with a population of 50,000- 99,999 are eligible for getting financial assistance under this Scheme. In Kerala, there are 49 cities (including Kottayam town with a population >1 lakh which was not included in AMRUT 1.0) that

meet these criteria duly considering the population in 2021 as suggested by TCPO, GoI. This is a 100 % Centrally Sponsored Scheme.

As per the reform Agenda, the State Town & Country Planning Department which is the implementing agency shall prioritize and intimate the cities to be taken up in the subscheme through State Action Plan and the proposal has to be approved by SLTC and SHPSC.

The Government of Kerala vide G.O (Rt) No.2871/2022/LSGD, Dt: 21.11.2022 nominated the Local Self Government Department (Planning) as the Nodal Agency and Chief Town Planner (Planning) is nominated as the Nodal Officer for the implementation of the sub-scheme of formulation of GIS-based Master Plans under AMRUT 2.0.

Five components under the above scheme are :

1. **Creation of Geo-database**– which can be done using
 - a. satellite imagery through NRSC, Hyderabad at the rate of 12,894/- sq. km (**or**)
 - b. drone technology through Survey of India at the rate of 18,000/- sq. km (**or**)
 - c. in house facility

for which funds will be directly released to the agencies concerned by the MoHUA.

2. **Formulation of GIS-based Master Plan** – which can be prepared using
 - a. In-house facility (or)
 - b. through outsourcing
3. **Capacity Building**
4. **Development of Centralized National Urban Geo-portal;** and
5. **Development of Integrated Mobile Application.**

Accordingly, State Action Plan for this Scheme is prepared as per the Reform Agenda for the scheme issued by MoHUA, Government of India, and a copy of the same is submitted before this committee for approval.

The salient points of the State Action Plan are listed below:

- i. For better clarity & detailing and also in view of weather conditions in the State, the creation of a Geo-database, using a Drone Survey through Survey of India is selected for all the towns.
- ii. 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 no. 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 preparation is found desirable, which is permissible as per the scheme guidelines.
- iii. For the Capacity Building under sub-scheme the following Institutes / Centres are suggested 1) IISM, Hyderabad, 2) IIRS, Dehradun, 3) NESAC, Shillong, 4) CEPT, Hyderabad, 5) KILA, Thrissur and 6) IMG, Thiruvananthapuram. The first three institutes are approved by TCPO whereas the last three institutes are included as venues for conducting customized training programs by LSGD(Planning) for effective implementation of the scheme from the list of institutes approved by 1st SHPSC held on 06.05.2022
- iv. The Mapping area of the Towns is selected based on the buffer guidelines suggested by GoI and as per the data provided by the District office duly considering the urban expansion and other factors.

- v. As per Reform Agenda, the Government of India has proposed a pattern of release of funds to State Governments. Accordingly, a proposal for the release of funds for Kerala is given in the State Action Plan.
- vi. The time schedule for completion of the Scheme is given in the proposal in the State Action Plan.

A copy of the letter from the CTP and a Copy of the State Action Plan are attached as **Annexure 10**.

Considering all these, the Committee may approve the proposal and submit it to SHPSC for approval and onward transmission to the Government of India for the release of funds.

Decision to be Taken:

The SLTC may recommend to SHPSC for approval of the State Action Plan and recommend to the Government of India for the release of funds.

Agenda Item No.9: PROVIDING SUPPORT OF STATE NODAL AGENCY UNDER AMRUT 2.0

In the annual plan for 2022-23, the LSGD(Planning) has proposed “a new support scheme for AMRUT 2.0” under State Scheme. This scheme intends to meet the expenses for supporting the functioning of the State Nodal Agency (including setting up of project cell, hiring of personnel, purchase of computers etc). These expenses are very vital for the execution of the scheme and are included as inadmissible components as per the Reform Agenda for the sub-scheme of ‘Formulation of GIS-based Master Plans for towns under AMRUT 2.0’ Towns with population 50,000- 99,999.

In the discussion with State Planning Board, it was informed to explore whether the A & OE cost of AMRUT Mission may be utilized for supporting the functioning of the State Nodal Agency (including setting up of project cell, hiring of personnel, purchase of computers, etc). Subsequently, a discussion was made on 02.12.2022, and it was suggested that the space for the State Nodal Agency can be a part of the proposed new office space of the State Mission Management Unit (SMMU) under AMRUT 2.0. Since expenses for wages of hiring of personnel, hiring of one vehicle, purchase of stationery, etc. are inadmissible components as per the Sub scheme guidelines, it was decided that it may be addressed through the proposed State Scheme.

Decision to be Taken:

The SLTC may approve and recommend to SHPSC for granting permission to the Director, AMRUT Mission to allow the State Nodal Agency [LSGD Planning] to occupy a part of the proposed new office space of State Mission Management Unit (SMMU) under AMRUT 2.0.

Agenda Item No.10: OPENING OF SEPARATE BANK ACCOUNT FOR SNA & IMPLEMENTING AGENCIES UNDER THE SCHEME

As per the revised procedure for handling the fund under CSS, the opening of separate Savings bank account & current bank account (holding account) for Single Nodal Agency [Director AMRUT Mission], separate Zero balance subsidiary savings bank accounts& current bank accounts(holding account) for State Nodal

Agency in the name of Nodal Officer [Chief Town Planner (Planning)] and for Implementing Agencies (District Offices of LSGD(Planning) concerned to the cities selected for the scheme by Government of India based on the Approved State Action Plan) are required for the implementation of this Scheme.

In this context, separate Saving bank account & current bank account(holding account) for Single Nodal Agency [Director AMRUT Mission], separate Zero balance subsidiary savings bank accounts & current bank accounts(holding account) for State Nodal Agency in the name of Nodal Officer [Chief Town Planner (Planning)] and for Implementing Agencies (District Offices of LSGD(Planning) concerned to the cities selected for the scheme by Government of India based on the Approved State Action Plan) are to be opened for this Scheme in Indian Bank where the current SNA account of AMRUT is operational.

Decision to be Taken:

The SLTC may recommend to SHPSC for the opening of separate Savings bank account & current bank account(holding account) for Single Nodal Agency [Director AMRUT Mission], separate Zero balance subsidiary savings bank accounts & current bank accounts(holding account) for State Nodal Agency in the name of Nodal Officer [Chief Town Planner (Planning)] and for Implementing Agencies (District Offices of LSGD(Planning) concerned to the cities selected for the scheme by Government of India based on the Approved State Action Plan) in Indian Bank where the current SNA account of AMRUT is operational.

Agenda Item No.11: CONSTITUTION OF CONSULTANCY EVALUATION & REVIEW COMMITTEE (CERC) FOR MONITORING THE GIS-BASED MASTER PLAN.

As per the Guidelines for the Scheme of Formulation of GIS-based Master Plans, preparation of the Master Plans may be done outsourcing or in-house. The Consultant's work will be monitored and reviewed by a Consultancy Evaluation and Review Committee (CERC). The CERC will report to State Level Technical Committee (SLTC). The composition of the CERC is

- | | |
|--|-----------|
| 1. Principal Secretary (UD)/ Director, State Mission Directorate AMRUT | -Chairman |
| 2. Director/ CTP, Town & Country Planning Dept. | -Member |
| 3. Municipal Commissioner of the AMRUT Town | -Member |
| 4. Chief Engineer, PWD & PHE | -Member |
| 5. Representative of Disaster Management Authority | -Member |
| 6. Representative of MoHUA/ TCPO | -Member |
| 7. Senior Town Planner of concerned State/ UT Member | -Convener |

It is mentioned in the Reform Agenda that the State may modify the composition of the CERC as per the requirements of the State Government. Accordingly, the composition of CERC consisting of the following members including a representative of the Director of Survey & Land Records and Executive Director, IKM is placed before the SLTC.

- | | |
|--|---------------------|
| 1. Mission Director, AMRUT State Mission Directorate | -Chairman |
| 2. Chief Town Planner (Planning) | - Member & Convener |
| 3. Director of Urban Affairs | -Member |
| 4. Representative of Disaster Management Authority | -Member |
| 5. Representative of Director Survey & Land Records | - Member |

6. Executive Director, IKM	- Member
7. Representative of MoHUA/ TCPO	-Member
8. Chief Engineer, LSGD	-Member
9. Senior Town Planner / Town Planner of District concerned	-Member
10. Secretary of AMRUT Town concerned	-Special Invitee
11. Municipal Engineer of AMRUT Town concerned	-Special Invitee

Decision to be Taken:

The SLTC may approve the constitution of the CERC with the members suggested above and recommend the same to the SHPSC.

Agenda Item No.12- AMRUT 2.0-TOOL KIT FOR URBAN REFORMS.

Atal Mission for Rejuvenation and Urban Transformation 2.0 (AMRUT 2.0) mission has a reform agenda focusing 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. 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. Reforms will be implemented in the first four years of the Mission period. A self-assessment scorecard along with supporting documents of reforms to be implemented each year by the State and ULBs approved by the State High Powered Steering Committee has to be submitted to MoHUA to claim the reforms incentives.

The Reform agenda is expected to be achieved through the successful implementation of 2 Mandatory Reforms and 7 incentive-based reforms.

1)Mandatory reforms

Mandatory reforms will be on property tax and user charges. The reforms are to be implemented and submitted by 30th September 2023. **The States will have to implement these reforms in the first two years from the launch of the Mission to be eligible for Central Assistance from the third year onwards.**

2) Incentive-based reforms

Seven reforms have been included in Mission which will be incentivized for successful implementation. Rejuvenation of water bodies, reduction in Non-Revenue Water (NRW), and reuse of treated used water are the reforms oriented towards water security. Reforms on enhancing a few specified services through building bye-laws, efficient urban planning, online municipal services, grievance redressal system, and GIS-based mapping of properties are aimed at improving urban governance. Improving municipal finances through the issuance of municipal bonds is also a reform that will be incentivized.

Also, the demonstration projects that are making a remarkable impact in the field of water management such as NRW reduction, 24x7 water supply, Drink from Tap facility, rejuvenation of waterbodies, SMART solutions targeting water metering in District Metered Areas(DMAs), etc.

An amount of ₹ 5,340 Crore has been earmarked as a reform incentive. Eight percent of the Central Assistance allocated to AMRUT 2.0 projects as per Budget Estimate has been earmarked as reform

incentives. The incentive for reforms implemented in a year will be awarded in the succeeding financial year. The evaluation of the status of reforms will be done through a third party, citizen feedback, and interview with officials.

The Reform toolkit is attached as **Annexure11**.

Decision to be Taken:

The SLTC may take note of the Reform toolkit.

Agenda Item No.13: PROPOSAL FOR THE IEC CAMPAIGN AMONG SCHOOL STUDENTS - - 'Jalam Jeevitham' a Campus-to-Campus Campaign on Sanitation and Protection of Water Resources.

As per the AMRUT 2.0 guidelines, Information Education Communication (IEC) including Behavior Change Communication is envisaged as a key strategy for spreading awareness on the conservation of water and enhancing water use efficiency, municipal services, creation of markets for treated used water, encouraging potential investors to invest in PPP projects in the water sector, etc among the masses. IEC will envisage converting the campaign into a movement- Jan Aandolan by people and stakeholders. IEC tools specified in the AMRUT 2.0 guidelines are Mass Media campaigns, Social Media Campaign, Targeted Marketing through collaterals, Outdoor Publicity, Activations, Community Engagement, and Exhibition/Melas of success stories.1% of the central assistance is earmarked for IEC activities. As per the guidelines, an annual IEC action plan is required to be submitted to MoHUA along with SWAPs.

The 3rd State High Powered Steering Committee approved the action plan and decided to include school-based Information Education and Communication (IEC) campaign in the IEC Action Plan on Water Conservation & Sanitation at schools through various activities like, forming science clubs, doing projects on water conservation in Schools and Houses, water quality auditing, making competitions, and thereby spreading awareness to the Public through the students.

Based on the decision of the SHPSC, the Mission Director, AMRUT has requested the Education Department for a proposal for organizing an IEC campaign in the schools of the 93 Urban Local Bodies. The National Service Scheme(NSS) unit of the **Education Department is organizing similar** IEC activities in other departments also. They have submitted a proposal 'JalamJeevitham' – a Campus-to-Campus Campaign on the Protection and Sanitation of Water Resources. The IEC campaign covers 372 selected schools(4 schools from each ULB) in the 93 Urban Local Bodies including Lower Primary, Upper Primary, High School, and Higher Secondary Schools. The campaign aims to cover more than 1 lakh students through 300 NSS volunteers. The estimated cost for the campaign is Rs.**39,22,800/-** The detailed proposal is attached as Annexure 12.

Decision to be Taken

The SLTC may recommend to SHPSC for approval of the Proposal for the IEC campaign among School Students 'JalamJeevitham' a Campus-to-Campus Campaign on Sanitation and Protection of Water Resources for Rs. 39,22,800.

Agenda Item No.14 REQUEST TO TAKE UP THE PROJECT SEWERAGE SYSTEM TO KOZHIKODE CORPORATION – ZONE B1- PART 1 UNDER DBOT DIRECTLY BY ULB.

Project proposal for Sewerage System to Kozhikode Corporation -Zone B1- Part1 for Rs. 160 Cr. comprises a well-planned sewerage pipeline network for the core area of zone B 1 part 1 (Area between Railway line to cannoli canal; Kallai river to KP Chandran road), pumping stations, a sewerage treatment plant with suitable technology of 27 MLD and a co-treatment plant with a capacity of 250 KLD to treat septage.

The Secretary, Kozhikode Corporation has now requested permission vide letter No. EG21/61457/17(A) dated 12/12/2022 (Annexure 13) to take up the project through DBOT directly by ULB.

MD, KWA may be requested to offer remarks on the same as the project was conceptualized by the KWA.

Decision to be Taken

The SLTC may take a suitable decision in this regard.

Agenda Item No.15: SELECTION OF PROJECT DEVELOPMENT AND MANAGEMENT CONSULTANTS (PDMC)- APPROVAL OF TECHNICAL BID EVALUATION REPORT:

As per Clause-6.7 of AMRUT 2.0 guidelines, to ensure efficient implementation of projects, the State and ULBs should follow an approach wherein end-to-end support for project design, development, implementation, and management is provided to ULBs/ States/ UTs by external entities (PDMCs).

Vide G.O. (Rt) No. 565/ 2022/ LSGD dated 09.03.2022, Government has entrusted the Centre for Management Development (CMD) to invite RFPs for Project Development and Management Consultant (PDMC) for AMRUT 2.0. Bids were invited with a deadline of 14th April 2022. A pre-bid meeting was held on 31.03.2022, in which representatives of 13 bidders participated.

RFP was modified in line with the pre-bid queries, model RFP of MoHUA& RFPs of other states PDMC for AMRUT 2.0, and the Government has approved the same vide G.O. (Rt)No.1973/2022/LSGD dated 15.08.2022. The modified RFP was published on 23.08.2022 in the CMD portal. The due date for submission of the bid was 6th October 2022.

6 proposals were received from the following bidders;

1) Shah Technical Consultants 2) Tata Consulting Engineers Limited 3) WAPCOS Ltd. 4) URS Scott Wilson in JV with AECOM 5) Tata Consulting Engineers Limited & 6) Earnst& Young.

Subsequently, technical bids were opened on 14th October 2022 in the presence of CSC members and representatives of bidders. The evaluation committee had suggested rejecting the proposals submitted by TATA Consulting Engineers Limited due to the submission of multiple online bids (Ref. Clause 7 of Section 2 in the RFP document) and the remaining four (04) bids were opened in the technical bid opening meeting.

The technical proposals were evaluated by the 2nd & 3rd Consultant Selection Committees held on 3.12.2022 and 16.12.2022.

The Technical Proposal Evaluation Report is as follows;

Sl. No	Name of Bidder	Name of NGO Associated with Bidder	Total Marks scored
1	Shah Technical Consultants Pvt. Ltd. with CED	Centre for Environment and Development	90.50
2	WAPCOS Limited.	All Kerala Orphans Welfare Association	69.75
3	URS Scott Wilson India Pvt. Ltd. in JV with AECOM India Pvt.Ltd.v	SHREYAS	84.50
4	ERNST& YOUNG LLP.	Water, Sanitation and Hygiene Institute (WASH Institute)	82.00

The detailed technical evaluation report is attached as Annexure 14.

It may be noted that since all 04 bidders had secured more than 60 marks, all four bidders are eligible for financial bid opening.

Decision to be taken:

The Committee may approve the Technical Evaluation report. Sanction may also be given for the financial bid opening.

Agenda Item No.16: REQUEST TO HIRE ADDITIONAL SPACE FOR SMMU, AMRUT

At present State Mission Management Unit, AMRUT is functioning in a building with an area of 260 sqm. With the commencement of operation of AMRUT 2.0, additional staff is required and the 3rd SHPSC approved the new staff pattern as well. Along with that, CTP has requested to provide office space for GIS mapping work. Also, the current conference hall is very small. Taking these facts into account, a proposal is submitted for obtaining permission to hire a building of 200 sqm area. The approximate rent in the locality is Rs. 450/m².

Decision to be Taken

The SLTC may take a suitable decision in this regard.


Mission Director
AMRUT