



## GOVERNMENT OF KERALA

### Abstract

AMRUT 2.0 - 61 Water Supply Sector projects approved under State Water Action Plan (SWAP-3) – Administrative Sanction accorded – orders issued

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### LOCAL SELF GOVERNMENT (DC) DEPARTMENT

G.O.(Rt)No.2263/2024/LSGD Dated, Thiruvananthapuram, 22-11-2024

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- Read 1 Minutes of 9<sup>th</sup> State Level High Powered Steering Committee (SHPSC) of AMRUT-2.0 held on 02.08.2024 (Agenda Item No.9.4.4)
- 2 Minutes of 11<sup>th</sup> APEX committee meeting of AMRUT 2.0 held on 23.09.2024
- 3 Letter No. SMMU/81/2022-UP1-01 dated 05.10.2024 of the Mission Director, AMRUT

### ORDER

As per the minutes read as 1<sup>st</sup> paper above, the 9<sup>th</sup> State Level High Powered Steering Committee of AMRUT 2.0 has approved 72 water supply projects under SWAP 3 of AMRUT 2.0 for a project cost of 583.166 Cr. (CAPEX-552.480 Cr., OPEX-30.686 Cr.) CA-₹ 249 Cr., State Share- 209.97 Cr. and ULB share- 124.20 Cr., as per the available allocated Central Assistance and based on the importance of the project.

2. The Committee has accorded, in principle, sanction for issuing administrative approvals for the approved SWAP 3 proposals that have available land and feasibility confirmed by the Managing Director of KWA and with Council approvals. This excludes the 24x7 proposals and the Micro Water Supply Scheme. The Committee has also decided that all approvals are subject to the consent of the APEX Committee of AMRUT 2.0.

3. The 9<sup>th</sup> SHPSC has observed that the excess amount required for the approved SWAP-3 (72 Projects) could be adjusted by utilizing unspent funds from the water supply sector of Tranches 1 and 2. However, the Committee decided that the State would cover the additional costs over and above the allocated fund. The Committee has authorized and empowered

the State Mission Director to submit Tranche 3 to the Apex Committee, AMRUT 2.0, MoHUA for approval.

4. Mission Director, AMRUT has reported that as per the minutes read as 2nd paper above, the 11<sup>th</sup> APEX committee meeting of AMRUT 2.0 has approved 72 Water Supply projects under SWAP 3, for a project cost of 583.166 Cr. (CAPEX-552.480 Cr, OPEX-30.686 Cr.) CA-249 Cr., State share- 209.97 Cr. and ULB share- 124.20 Cr.

5. As per the letter read as 3<sup>rd</sup> paper above, the Mission Director, AMRUT has reported that as per the decision of the SHPSC, the following may be set aside for the time being from issuing administrative sanctions:

- Eight 24x7 Water Supply proposals
- Two proposals from Parappanangadi and Nilambur Municipalities, where No Objection Certificates (NOCs) for land are pending,
- One micro water supply scheme in Valanchery.

Mission Director, AMRUT has requested to accord Administrative sanction for the remaining 61 proposals for a project cost of Rs 470.779 Cr (CAPEX- Rs.446.6873 Cr, OPEX- Rs.24.092 Cr) based on the decision of 9<sup>th</sup> SHPSC.

6. Government have examined the matter in detail and are pleased to accord Administrative Sanction for 61 Water Supply Sector projects under SWAP 3 of AMRUT 2.0 for a project cost of Rs 470.779 Cr (CAPEX- Rs.446.6873 Cr, OPEX- Rs.24.092 Cr), appended as annexure to this GO, subject to the following conditions;

- Excess amount if any from the allocated Central Assistance required for the approved SWAP-3 projects could be adjusted by utilizing unspent funds from the water supply sector of Tranches 1 and 2 or the State would cover the additional costs over and above the allocated fund.
- The Technical Sanction shall be issued by the concerned only after meeting the following conditions:
  - i. The necessary clearances from the relevant authorities shall be obtained.
  - ii. The project includes a 5-year Operation & Maintenance plan and only admissible components as per AMRUT guidelines.
- The Central Assistance should not cover the costs of Operation & Maintenance, Supervision charges, or the Value of land/ structures required for the project development. These costs should be borne by

the State/ ULB /KWA.

- Kerala Water Authority and ULBs shall take necessary action to fund O&M through an appropriate cost recovery mechanism.

(By order of the Governor)  
MILAN ELIZABETH GEORGE  
UNDER SECRETARY

To:

The Mission Director, AMRUT  
The Principal Director, LSGD  
The Secretaries of all Municipalities concerned (through the Mission Director, AMRUT)  
The Principal Accountant General (A&E) Kerala Thiruvananthapuram  
The Accountant General (Audit I/ Audit II), Kerala Thiruvananthapuram  
The Information Officer, I&PRD (Web & New Media)  
The Executive Director, Information Kerala Mission.  
Stock File / Office Copy.

Forwarded /By order

Signed by

Manish V V

Section Officer

Date: 23-11-2024 11:16:54

**ANNEXURE LIST OF SWAP 3 PROPOSALS- WATER SUPPLY APPROVED BY THE 9TH SHPSC**

SI NO	ULB	Project title	Estimated project cost (₹ crore)	Estimated CAPEX Cost (₹ crore)	Estimated O&M cost (₹ crore)	Project Central Assistance	Project State Share	Project ULB Share
1	<b>ADOOR (M)</b>	AMRUT- 2.0 - SWAP- 3 City action plan strengthening and extension of distribution networking system in Adoor Municipality	5.06	4.3010	0.759	2.1505	1.61287	1.29663
2	<b>ALAPPUZHA (M)</b>	AMRUT 2.0 AUGMENTATION OF WSS FOR ALAPPUZHA MUNICIPALITY BY PROVIDING DISTRIBUTION NETWORK IN ALAPPUZHA MUNICIPALITY	5.57407	5.1000	0.47407	1.6998	2.55003	1.32424
3	<b>ALUVA</b>	AMRUT 2.0 - Aluva Municipality- Providing new house connections in various wards of Aluva Municipality, replacing old damaged AC/CI/GI pipes and allied works, shifting of existing water connections to new lines, supply and fixing of valves at various locations etc.- Phase- II	3.57	3.4000	0.17	1.7	1.275	0.595
4	<b>ANTHOOR</b>	AMRUT 2.0 BALANCE WORK- LAYING DISTRIBUTION SYSTEM AND PROVIDING BALANCE FHTCS – PART 1	3.8	3.5000	0.3	1.75	1.3125	0.7375
5	<b>ATTINGAL (M)</b>	AMRUT 2.0 - Attingal Municipality- Providing Pipe line Extension and Providing FHTCS in Attingal Municipality-Phase II Project	1.74	1.6900	0.05	0.845	0.63375	0.26125
6	<b>CHANGANASSERY (M)</b>	AMRUT 2.0 - UWSS to Changanassery Municipality –Laying distribution network along Municipal Area (Phase III)	1.05	0.9920	0.058	0.496	0.372	0.182
7	<b>CHANGANASSERY (M)</b>	AMRUT 2.0-UWSS TO CHANGANASSERY MUNICIPALITY- LAYING DISTRIBUTION MAIN (PHASE 2) FROM PROPOSED 15 LL OHSR AT PERUNNA TO MARKET AREA	2.78	2.6760	0.104	1.338	1.0035	0.4385
8	<b>CHENGANNUR (M)</b>	Pipe line extension and providing household connection and other works in chengannur municipality (Phase II ) under AMRUT 2.0	1.81	1.7870	0.023	0.8935	0.6665	0.25
9	<b>CHERPULASSERY</b>	AMRUT 2.0 - SWAP 3 - Pipe line extension works in various wards in Cherpulassery municipality.	2.5183	2.4183	0.1	1.2092	0.9068	0.4023
10	<b>CHERTHALA (M)</b>	AMRUT 2.0-SWAP3-SUPPLYING AND LAYING OF 90MM PVC PIPE,PROVIDING BALANCE FHTC500no,AND REPLACING DAMAGED AC LINES AND ALLIED WORKS IN CHERTHALA MUNICIPALITYPHASE 3 PIPE L INE WORK	4	3.9851	0.0149	1.9926	1.4944	0.513
11	<b>ETTUMANOOR</b>	AMRUT 2.0 -PROVIDING WATER CONNECTION AND PIPELINE EXTENSION IN ETTUMANOOR MUNICIPALITY PHASE II	4.83767	4.7570	0.08063	2.3785	1.78391	0.67526

12	<b>HARIPAD</b>	AMRUT- 2.0- Haripad Municipality-Drilling and commissioning of Tube well 2 numbers in Haripad Municipality	1	0.6000	0.4	0.3	0.225	0.475
13	<b>KALPETTA (M)</b>	AMRUT-2.0 - UESS to Kalpetta Municipality - Providing full coverage of functional house hold tap connections to Divisions 1 to 28 in Kalpetta Municipality	19.11	18.2000	0.91	9.1	7.62125	2.38875
14	<b>KANNUR (M)</b>	Pipeline Extension & providing water connections in various zones of Kannur Corporation, Construction of 5LL OHSR, supply & erection of pumpsets – Phase II	24.026	22.3500	1.676	7.4493	7.4577	9.119
15	<b>KASARAGOD</b>	AMRUT 2.0-Laying Distribution System and Providing FHTCs in Kasargod Municipality- ADDITIONAL PROJECT	7.526	7.4260	0.1	3.713	2.785	1.028
16	<b>KATTAPPANA</b>	AMRUT 2.0 - SWAP- 3 -Phase II- Providing distribution network and FHTCs for Kattappana Municipality	20.6	20.0000	0.6	10	7.5	3.1
17	<b>KOCHI</b>	AMRUT 2.0 - Replacing old and damaged CI and AC pipes with DI K9 and PVC pipes on both side along Deshabhimani road, Kochi Corporation.	5	4.9970	0.003	1.6655	1.665	1.6695
18	<b>KOOTHUPARAMBA (M)</b>	AMRUT2.0-SWAP3- LAYING DISTRIBUTION NETWORK AND PROVIDING FHTCS IN KUTHUPARAMBA MUNICIPALITY BALANCE WORK	8.6	8.0000	0.6	4	3	1.6
19	<b>KOTTAKKAL</b>	AMRUT 2.0 - WSS to Kottakkal Municipality-Providing new distribution network, Household Tap Connections and Replacing old aged AC pipe with DI Pipe.	16.529	15.7390	0.79	7.8695	5.9025	2.757
20	<b>KOTTARAKKARA</b>	AMRUT 2.0 - WSS to KOTTARAKKARA MUNICIPALITY -LAYING DISTRIBUTION MAIN FROM NEWLY PROPOSED OHSRs UPTO EXISTING NETWORK INCLUDING PROVIDING 1000 FHTCs IN MUNCIAL AREA	4.38615	4.3350	0.05115	2.1675	1.67685	0.5418
21	<b>KOTTARAKKARA</b>	AMRUT 2.0 - WATER SUPPLY SCHEME FOR KOTTARAKKARA MUNICIPALITY - Construction of 7.5 LL OHSR AT AMBALAPURAM	2.286	2.2593	0.02666	1.1297	0.8738	0.2825
22	<b>KOTTARAKKARA</b>	AMRUT 2.0_WSS to KOTTARAKKARA MUNICIPALITY -SUPPLYING AND LAYING GRAVITY MAINS FROM 18 LL MASTER OHSR AT UGRANKUNNU TO NEWLY PROPOSED OHSRs AT AMBALAPPURAM & EYANKUNNU	14.7925	14.6200	0.1725	7.31	5.655	1.8275
23	<b>KOTTAYAM (M)</b>	AMRUT 2.0 -Pipeline extension and providing FHTCS in Nattakom area (2nd Phase) of Kottayam Municipality	1.88	1.7900	0.09	0.5966	0.8954	0.388
24	<b>KOTTAYAM (M)</b>	AMRUT 2.0-Pipeline extension and providing FHTCS in Kumaranalloor area ( 2nd Phase ) of Kottayam Municipality	6.57	6.2600	0.31	2.0865	3.1305	1.353

25	<b>KOTTAYAM (M)</b>	AMRUT-2.0- WSS to Kumaranalloor- Pipeline extension and providing FHTC in Kumaranalloor area(3rd) in Kottayam Municipality- Pipe line Work	0.596	0.5670	0.029	0.189	0.282	0.125
26	<b>KUNNAMKULAM (M)</b>	AMRUT 2.0-WSS TO KUNNAMKULAM MUNICIPALITY- CONSTRUCTION OF 15 MLD WATER TREATMENT PLANT AND ALLIED WORKS AT KOOTANAD.	20.2	19.9000	0.3	9.95	7.462	2.788
27	<b>MALAPPURAM (M)</b>	AMRUT 2.0-Additional Proposal -MWSS to Panakkad and Melmuri Villages in Malappuram Municipality	6.87	5.6200	1.25	2.81	2.1075	1.9525
28	<b>MANJERI (M)</b>	AMRUT 2.0 - Manjeri Municipality - Augmentation of UWSS to Manjeri - Construction of OHSR at unity college zone, laying of CWPM, erection of pumpset & allied works and providing distribution system for unity college zone in Manjeri Municipality -Phase 1- Pipeline work	26.10787	23.2070	2.90087	11.6035	8.70262	5.80175
29	<b>MANNARKKAD</b>	AMRUT 2.0 - SWAP 3 - Construction of Check Dam And Providing FHTCs in various wards of Mannarkkad Municipality	7	6.6870	0.313	3.3435	2.5075	1.149
30	<b>MAVELIKKARA (M)</b>	AMRUT 2.0 - Augmentation of WSS to Mavelikkara Municipality -Replacing Old and Damaged AC Pipelines using 110mm PVC pipe-5 KM & providing 500 FHTCs At Mavelikkara Municipality	3.0962	3.0656	0.0306	1.5328	1.1802	0.3832
31	<b>MUKKAM</b>	AMRUT 2.0- UWSS TO MUKKAM MUNICIPALITY- CONSTRUCTION, TESTING, COMMISSIONING, TRIAL RUNNING OF 18LL OHSR AND PROVIDING FHTC	6.265	6.0320	0.233	3.016	2.2915	0.9575
32	<b>NEDUMANGAD (M)</b>	AMRUT 2.0 Augmentation of UWSS to Nedumangad Municipality - Upgradation of Existing 13.75 MLD Water Treatment Plant at Perumala and Providing 3000 FHTCs	15.45	15.0000	0.45	7.5	5.625	2.325
33	<b>NEYYATTINKARA (M)</b>	Augmentation of WSS to Neyyattinkara Municipality – New Intake Structure and Weir across Neyyar	10.1	9.9970	0.103	4.9985	3.74887	1.35263
34	<b>OTTAPPALAM (M)</b>	AMRUT 2.0- SWAP 3- URBAN WATER SUPPLY SCHEME TO OTTAPPALAM MUNICIPALITY	3.03	2.9300	0.1	1.465	1.09875	0.46625
35	<b>PALAI (M)</b>	AMRUT 2.0 - Augmentation of UWSS to Pala- Replacing Filter media of WTP Pala and improving Distribution system	1.318	1.0302	0.28781	0.5151	0.38631	0.41659
36	<b>PALAKKAD (M)</b>	AMRUT 2.0 - Palakkad municipality - Supplying and laying new distribution lines and Providing new household connections, Replacing old GI/AC existing Pipelines and Road restoration works in various wards at Palakkad Municipality - Pipeline work	12.76	11.6000	1.16	3.86628	5.80116	1.93256
37	<b>PANDALAM</b>	Amrut 2.0-SWAP 3-Laying and Strengthening existing Distribution system in Pandalam Municipality	1.159	1.0080	0.151	0.504	0.378	0.277

38	<b>PANOOR</b>	AMRUT 2.0 Water Supply Scheme to Panoor Municipality -Laying Distribution systems and Providing FHTCs- Zone 1	16.555	15.4000	1.155	7.7	5.775	3.08
39	<b>PATHANAMTHITTA (M)</b>	AMRUT 2.0 -PROVIDING WATER SUPPLY TO ELEVATED AREAS IN PATHANAMTHITTA MUNICIPALITY - PARUVAPLACKAL, POOVANPARA AND VANCHIPPOYKA	8.7	8.5000	0.2	4.25	3.19	1.26
40	<b>PATTAMBI</b>	AMRUT 2.0 - SWAP 3 - Providing FHTCs in Pattambi Municipality	1.035	1.0000	0.035	0.5	0.375	0.16
41	<b>PAYYOLI</b>	AMRUT-2.0 - UWSS To Payyoli Municipality-Phase 2 -Supplying, laying, testing and commissioning of Distribution system and providing functional household tap connection.- Pipeline Work	20	19.9800	0.02	9.99	7.49	2.52
42	<b>PERUMBAVOOR (M)</b>	AMRUT 2.0-Perumbavoor Municipality –UWSS to Perumbavoor Municipality – Replacing damaged 400 mm AC pumping main with 400 mm DI K9 pipe and providing FHTC.	3.3	3.0000	0.3	1.5	1.125	0.675
43	<b>PONNANI (M)</b>	AMRUT-2.0-Supplying -Construction of 33 LL Capacity OHSR at Chammravattam Junction in Ponnani Municipality	9.45	9.0000	0.45	4.5	3.375	1.575
44	<b>PUNALUR (M)</b>	AMRUT 2.0- RENOVATION OF EXISTING UWSS TO PUNALUR MUNICIPALITY SCHEME BY REPLACEMENT OF AC PIPES WITH PVC AND RENOVATION OF 9 MLD WATER TREATMENT PLANT	8.967	8.5400	0.427	4.27	3.6295	1.0675
45	<b>SHORANUR (M)</b>	AMRUT 2.0 – SWAP 3 - Shornur Municipality– Pipeline replacement / Extension of various size pipes and providing 1500 FHTCs, Construction of 2LL OHSR and Sump at Kulappully, 1.50MLD Water treatment system at Mundaya, Source improvement– PACKAGE III	11.55	11.0500	0.5	5.525	4.64375	1.38125
46	<b>TALIPARAMBA (M)</b>	AMRUT 2.0 -CONSTRUCTION OF 1.0 LL OHSR AT VATTAPPARA LAYING TRANSMISSION MAIN,DISTRIBUTION NETWORK AND PROVIDING FHTCs IN TALIPARAMBA MUNICIPALITY	5	4.5000	0.5	2.25	1.6875	1.0625
47	<b>THIRUVANANTHAPURAM</b>	AMRUT 2.0 - Laying Rider mains in various routes like Pattom - Murinjapalam - Kumarapuram - Medical College	11.737	11.1781	0.5589	3.7257	3.7264	4.2849
48	<b>THIRUVANANTHAPURAM</b>	AMRUT 2.0 - Repacing distribution networks by laying 160mm rider main on both sides of road from Thirumala Junction to Thrikkannapuram Bridge in connection with road widening - Pipe line work.	2.3226	2.2120	0.1106	0.7373	0.7374	0.8479
49	<b>THIRUVANANTHAPURAM</b>	AMRUT 2.0 - Laying pipes, replacing old AC pipes, providing new connections and alteration of house connections at Vizhinjam , Harbour, Kottappuram, Mulloor and Venganoor wards in Thiruvananthapuram Municipal Corporation.	10.93	10.4100	0.52	3.4697	3.4703	3.99

50	<b>THIRUVANANTHAPURAM</b>	AMRUT 2.0 - Replacement of AC/PVC pipes and laying with PVC/DI pipes in Pathirapally ward in Thiruvananthapuram Corporation under Peroorkada Section	7.1423	6.8022	0.3401	2.2672	2.2676	2.6075
51	<b>THIRUVANANTHAPURAM</b>	AMRUT 2.0 - Rectifying the leakage and repacking the Filter bed medium of Bed No. 7 at 36 MLD WTP, Vellayambalam	0.525	0.5000	0.025	0.1666	0.1668	0.1916
52	<b>THIRUVANANTHAPURAM</b>	AMRUT 2.0 - PHASE 2 - Proposal for full coverage in Punchakari, Thiruvallam, Vellar, Poonkulam and Harbour (Part) under Vandithadam Section in Thiruvananthapuram Corporation - Replacing Existing Lines, Extension of Existing Lines, Providing New Lines, Interconnections, Supplying Laying Pump Sets and providing FHTC under WW Section Vandithadam	17.5728	16.7360	0.8368	5.5786	5.5788	6.4154
53	<b>THIRUVANANTHAPURAM</b>	AMRUT 2.0 - Proposal for 100% coverage in all wards under Thirumala Section of Thiruvananthapuram Municipal Corporation - Replacing old lines, laying new lines, alterations and providing new connections - PTP, Thirumala, Pangode, Vattiyoor kavu, Thrikannapuram, Valiyavila, Vazhottukonam, Punnyakkamugal, Nettayam, Thuruthumoola, Kodunganoor, Kachani and Kanjirampara - Pipe line work.	4.69	4.4670	0.223	1.4889	1.4891	1.712
54	<b>THIRUVANANTHAPURAM</b>	AMRUT 2.0 - Proposal for 100% coverage in Kalady, Pappanamcode, Melamcode, Estate, Nemom, Ponnurangalam and Punnakamughal (Part) Wards under Karamana Section in Thiruvananthapuram Municipal Corporation -Pipe line work.	4.5675	4.3500	0.2175	1.4499	1.4501	1.6675
55	<b>THIRUVANANTHAPURAM</b>	AMRUT 2.0 - Replacing of existing frequent breaking PVC (JICA laid) line in Thirumala Vijayamohini mill - Punnakamughal road to 300mm dia DI line	1.3125	1.2500	0.0625	0.4166	0.4168	0.4791
56	<b>THODUPUZHA (M)</b>	Amrut 2.0-Augmentation of UWSS to Thodupuzha Municipality for full coverages – Providing Drinking water Connections to 1000 Households.	5.5	5.0000	0.5	2.5	1.875	1.125
57	<b>THRIKKAKARA (M)</b>	AMRUT 2.0- Replacing old, damaged, under size distribution lines and sluice valves in Thrikkakara Municipality	3.675	3.5000	0.175	1.75	1.3125	0.6125
58	<b>THRISSUR</b>	AMRUT 2.0 - SWAP 3 - Providing 1600 FHTCs in Ollur Zonal Area - Pipeline work	3.91	3.8600	0.05	1.2865	1.337	1.2865
59	<b>TIRUR (M)</b>	AMRUT 2.0-WSS to Tirur Municipality-Providing new distribution network, Household Tap Connections and Replacing old aged AC pipe with DI Pipe.	14.88	13.8800	1	6.94	5.205	2.735



60	VAIKOM (M)	AMRUT 2.0 - VAIKOM MUNICIPALITY - IMPROVEMENT OF WATER SUPPLY TO ZONE - I OF VAIKOM MUNICIPALITY - CONSTRUCTION OF 7.00 LAKH LITRE CAPACITY OHSR AT KWA OFFICE COMPOUND, VAIKOM AND ALLIED WORKS	5.61	5.3600	0.25	2.68	2.01	0.92
61	VAIKOM (M)	AMRUT-2.0 -VAIKOM MUNICIPALITY-IMPROVING WATER SUPPLY BY SOURCE IMPROVEMENTS AT 45 MLD WTP AT MEVELLOOR AND ALLIED WORKS - PHASE II	8.85	8.3854	0.4646	4.1927	3.14453	1.51277
<b>GRAND TOTAL</b>			<b>470.77946</b>	<b>446.6873</b>	<b>24.09219</b>	<b>204.26908</b>	<b>169.04875</b>	<b>96.30163</b>