

ANNEXURE 2: LIST OF SWAP3 PROPOSALS- WATER SUPPLY

Sl.No	ULB	Name of Project	CAPEX	Major Components	Council Approval	Land Availability	KWA HQ Evaluation	COST PER HH BENEFITED	SMMU Remarks
AMRUT 1 CITIES									
1	THIRUVANANTHAPURAM	AMRUT 2.0 - Laying Rider mains in various routes like Pattom - Murinjapalam - Kumarapuram - Medical College	11.17810	1)New House Connections : Nil 2)Existing house Connections : 2300nos 3)Total HH Benefitted : 2300nos 4)Distribution network NEW- Nil 5)Distribution network-Replaced- 7.12 KM 6) New Tansmission network - Nil 7) Replaced Transmission Network- 4.59 KM 8)Storage tank - Nil 9) Treatment Plant - Nil 10) Smart elements- Nil 11) Road restoration charges- 5.44cr	YES	Available	Feasible	48600.43478	May be Approved
2	THIRUVANANTHAPURAM	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.	2.21200	1)New House Connections : 400 2)Existing house Connections : 450 3)Total HH Benefitted : 850 4)Distribution network NEW- Nil 5)Distribution network-Replaced- 7.75 Km 6) New Tansmission network- Nil 7) Replaced Transmission Network-Nil 8)Storage tank - Nil 9) Treatment Plant - Nil 10) Smart elements- Nil 11) Road restoration charges- Nil	-Adv approval is Available. -Council Pending	Available	Not received	26023.52941	May be Approved.KWA recommendation & Council decision is to be obtained before the next SHPSC
3	THIRUVANANTHAPURAM	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	10.41000	1)New House Connections : 4400 2)Existing house Connections : 1050 3)Total HH Benefitted : 5450 4)Distribution network NEW- 6 KM 5)Distribution network-Replaced- 23 KM 6) New Tansmission network- Nil 7) Replaced Transmission Network-Nil 8)Storage tank - Nil 9) Treatment Plant - Nil 10) Smart elements- Nil 11) Road restoration charges- 23,38,040	YES	Available	Feasible	19100.91743	May be Approved
4	THIRUVANANTHAPURAM	AMRUT 2.0 - Replacement of AC/PVC pipes and laying with PVC/DI pipes in Pathirapally ward in Thiruvananthapuram Corporation under Peroorkada Section	6.80220	1)New House Connections : 250nos 2)Existing house Connections : 1250nos 3)Total HH Benefitted : 1500nos 4)Distribution network NEW- Nil 5)Distribution network-Replaced- 1.45 KM 6) New Tansmission network - Nil 7) Replaced Transmission Network- 5.10 KM 8)Storage tank - Nil 9) Treatment Plant - Nil 10) Smart elements- Nil 11) Road restoration charges- 1.66cr	YES	Available	Feasible	45348	May be Approved

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5	THIRUVANANTHAPURAM	AMRUT 2.0 - Rectifying the leakage and repacking the Filter bed medium of Bed No. 7 at 36 MLD WTP, Vellayambalam	0.50000	1)New House Connections : Nil 2)Existing house Connections : 25000 3)Total HH Benefitted : 25000 4) Rectifying Filter bed medium of 36 MLD Treatment Plant at Vellayambalam.	YES	Available	Feasible	200	May be Approved
6	THIRUVANANTHAPURAM	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	16.73600	1)New House Connections : 1000 2)Existing house Connections : 6200 3)Total HH Benefitted : 7200 4)Distribution network NEW- 4 km 5)Distribution network-Replaced- Nil 6)New Transmission network-11.7 km 7)Renovation of Pump house at Thiruvallom 9)Renovation of Kovalam Tank 10)Smart elements-Flow Meter - 3nos 11)Road restoration charges- Rs. 6.5 Crores	YES	Available	Feasible	23244.44444	May be Approved
7	THIRUVANANTHAPURAM	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, Vattioorkavu, Thrikannapuram, Valiyavila, Vazhottukonam, Punnaykkamugal, Nettayam, Thuruthumoola, Kodunganoor, Kachani and Kanjirampara - Pipe line work.	4.46700	1)New House Connections : 2000 2)Existing house Connections : 500 3)Total HH Benefitted : 2500 4)Distribution network New - 10.8 KM 5)Distribution network-Replaced- 3.00Km 6) New Transmission network- Nil 7) Replaced Transmission Network-Nil 8)Storage tank - Nil 9) Treatment Plant - Nil 10) Smart elements- Nil 11) Road restoration charges- 55,11,009	-Adv approval is Available. -Council Pending	Available	Not received	17868	May be Approved.KWA recommendation & Council decision is to be obtained before the next SHPSC
8	THIRUVANANTHAPURAM	AMRUT 2.0 - Proposal for 100% coverage in Kalady, Pappanamcode, Melamcode, Estate, Nemom, Ponnunmangalam and Punnakamughal (Part) Wards under Karamana Section in Thiruvananthapuram Municipal Corporation -Pipe line work.	4.35000	1)New House Connections : 1430 2)Existing house Connections : 1200 3)Total HH Benefitted : 2630 4)Distribution network NEW- 5.58 Km 5)Distribution network-Replaced- 2.8 Km 6) New Transmission network- Nil 7) Replaced Transmission Network-Nil 8)Storage tank - Nil 9) Treatment Plant - Nil 10) Smart elements- Nil 11) Road restoration charges- 42,17,179	-Adv approval is Available. -Council Pending	Available	Not received	16539.92395	May be Approved.KWA recommendation & Council decision is to be obtained before the next SHPSC
9	THIRUVANANTHAPURAM	AMRUT 2.0 - Replacing of existing frequent breaking PVC (JICA laid) line in Thirumala Vijayamohini mill - Punnakamughal road to 300mm dia DI line	1.25000	1)New House Connections : 70 2)Existing house Connections : 190 3)Total HH Benefitted : 260 4)Distribution network NEW- Nil 5)Distribution network-Replaced- 900m 6) New Transmission network -Nil 7) Replaced Transmission Network- 900m 8)Storage tank - Existing 9) Treatment Plant -Existing 10) Smart elements-Nil 11) Road restoration charges- Rs. 0.17 cr	YES	Available	Feasible	48076.92308	May be Approved

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10	THIRUVANANTHAPURAM	AMRUT 2.0 Providing 24 X 7 Water supply at Arannoor ward- Thiruvananthapuram Municipal Corporation	8.00000	1)New House Connections : 9 2)Existing house Connections : 3109 3)Total HH Benefitted : 3118 4)Distribution network NEW- Nil 5)Distribution network-Replaced- 2.5 km 6) New Transmission network- Nil 7) Replaced Transmission Network- 4.75 km 8)Storage tank - Nil 9) Treatment Plant - Nil 10) Smart elements- Flow meter, Pressure altitude meter, Chlorine analyzer 11) Road restoration charges- Rs. 2,61,47,000	YES	Available	Feasible	25657.47274	May be Approved. DPR is to be prepared
11	KOLLAM	AMRUT 2.0 - PROVIDING 24*7 WATER SUPPLY AND INTRODUCING DRINK FROM TAP IN DIVISION 55, KANNIMEL CHERY OF KOLLAM CORPORATION	12.40000	1)New House Connections : 975 2)Existing house Connections : 1650 3)Total HH Benefitted : 2625 4)Distribution network NEW-10KM 5)Distribution network-Replaced- 8KM 6) New Transmission network-3.5 Km(From poovanpuzha Jn to proposed sump site tsunami flat premises at kannimel 7)Storage tank -3LL OHSR(tsunami flat premises kannimel) 8) Smart elements-SCADA,ultrafiltration unit, 9)OHSR - 3 LL capacity (tsunami flat premises karumalil) 10)pumping station - 1 11) Road restoration charges- 2 cr	YES	Available	Feasible	47238.09524	May be Approved. Fund from SEW sector may be used
12	Kochi	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.	4.99700	1)New House Connections : Nil 2)Existing house Connections : 4231 3)Total HH Benefitted :4231 4)Distribution network NEW-1650m 5)Distribution network-Replaced-3300 m 6) New Transmission network - Nil 7) Replaced Transmission Network- Nil 8)Storage tank - Nil 9) Treatment Plant - Nil 10) Smart elements- Nil 11) Road restoration charges- 2.15 Cr	YES	Available	Not received	11810.4467	May be Approved. Savings of Rs. 4.574 Cr. under SWAP 1&2 can be used. KWA recommendation is to be obtained before the next SHPSC
13	ALAPPUZHA (M)	AMRUT 2.0 .Alappuzha Municipality- Implementation of 24 x 7 Water supply System under Six DMAs in Six Wards of Alappuzha Municipality.	10.00000	1)New House Connections : 600 2)Existing house Connections : 3799 3)Total HH Benefitted : 4399 4)Distribution network NEW-6km 5)Distribution network-Replaced- 0 6) New Transmission network-0 7) Replaced Transmission Network- 0 8)Storage tank -0 9) Treatment Plant -0 10) Smart elements-sensors,meters,SCADA 11) Road restoration charges-	YES	YES	Feasible	49578.58205	Demanded 22.3 Cr.for 24X7 for 2 DMAs. The fund may be limited to 10 Cr.and utilized for 24X7 projects of Palakkad & Guruvayur

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14	ALAPPUZHA (M)	AMRUT 2.0 AUGMENTATION OF WSS FOR ALAPPUZHA MUNICIPALITY BY PROVIDING DISTRIBUTION NETWORK IN ALAPPUZHA MUNICIPALITY	5.10000	1)New House Connections : 500 2)Existing house Connections : 1517 3)Total HH Benefitted : 2017 4)Distribution network NEW-3.6km 5)Distribution network-Replaced- 0.7km 6) New Transmission network-0 7) Replaced Transmission Network-0 8)Storage tank -0 9) Treatment Plant -chlorination unit 10) Smart elements-Ultrasonic flow meter-2no 11) Road restoration charges-Rs 2029938 12) Actuator controlled valves 2no	YES	Available	Based on the SE's report, the proposal is feasible.	11593.54399	May be Approved
15	Guruvayur	AMRUT 2.0- 24x7 Water Supply System for Guruvayur Municipality.	10.00000	1)New House Connections : 1750 2)Existing house Connections : 815 3)Total HH Benefitted : 2565 4)Distribution network NEW- 7.8 5)Distribution network-Replaced- NA 6) New Transmission network-NA 7) Replaced Transmission Network- NA 8)Storage tank -NA 9) Treatment Plant -NA 10) Smart elements- SCADA, Sencors, Chlorine and pressure detectors 11) Road restoration charges- 2.8 Cr	YES	NA	Not received	38986.35478	May be Approved.KWA recommendation is to be obtained before the next SHPSC
16	THRISSUR	AMRUT 2.0 - SWAP 3 - Implementing 24x7 water supply in Ollur zonal	10.00000	1)New House Connections : NA 2)Existing house Connections : 5057 3)Total HH Benefitted : 5057 4)Distribution network NEW- 4.50km 5)Distribution network-Replaced- NA 6) New Transmission network: NA 7) Replaced Transmission Network- NA 8)Storage tank -NA 9) Treatment Plant - NA 10) Smart elements- SCADA, Online quality monitoring, smart meters,actuators, pressure meters, chlorine analyzers etc 11) Road restoration charges- 1.20Cr	YES	Available	Based on the report from EE, the proposal is feasible. For detailed analysis, the proposal may be placed before the STF before preparation of DPR. Further refinement of the proposal based on hydraulic modelling is needed for detailed estimate preparation.	19774.5699	May be Approved
17	THRISSUR	AMRUT 2.0 - SWAP 3 - Providing 1600 FHTCs in Ollur Zonal Area - Pipeline work	3.86000	1)New House Connections : 1600 2)Existing house Connections : 3962 3)Total HH Benefitted : 5562 4)Distribution network NEW- 10km 5)Distribution network-Replaced- NA 6) New Transmission network: NA 7) Replaced Transmission Network- NA 8)Storage tank - NA 9) Treatment Plant -NA 10) Smart elements- NA 11) Road restoration charges- 3.18Cr	YES	Available	EE has reported that, Major portion of the families in this area are depended on public piped supply . Acute scarcity is being faced in almost all part of Municipality during summer. The Augmentation scheme was commissioned during 2015. Total households in Ollur zone as on 2025 comes to 13562 and as of now there are 3962 connections. To improve water supply in this area 1600nos new connections by laying 10000m pipe is proposed in this phase	6939.94658	May be Approved

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18	Palakkad	AMRUT 2.0 - PROVIDING 24X7 WATER SUPPLY AT CHIRAKKAD IN PALAKKAD MUNICIPALITY	5.00000	1)New House Connections : 25 2)Existing house Connections : 1175 3)Total HH Benefitted : 1200 4)Distribution network NEW- nil 5)Distribution network-Replaced- 10 KM 6) New Tansmission network: 5.2 KM 7) Replaced Transmission Network- nil 8)Storage tank - nil 9) Treatment Plant - nil 10) Smart elements- scada 11) Road restoration charges- 2.3925Cr.	YES	NA	Not received	41666.66667	May be Approved.KWA recommendation is to be obtained before the next SHPSC
19	Palakkad	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 wworks in various wards at Palakkad Municipality - Pipeline work	11.60000	1)New House Connections : 300 2)Existing house Connections : 6602 3)Total HH Benefitted : 6902 4)Distribution network NEW- 28.299 5)Distribution network-Replaced- 0.906 KM 6) New Tansmission network: 2.144 KM 7) Replaced Transmission Network- nil 8)Storage tank - nil 9) Treatment Plant - nil 10) Smart elements- Nil 11) Road restoration charges- 2.91Cr.	NO	NA	Not received	16806.72269	May be Approved.KWA recommendation & Council decision is to be obtained before the next SHPSC
20	KANNUR	Pipeline Extension & providing water connections in various zones of Kannur Corporation, Construction of 5LL OHSR, supply & erection of pumpsets - Phase II	22.35000	1)New House Connections : 6580 2)Existing house Connections : 23554 3)Total HH Benefitted : 30404 4)Distribution network NEW- 47.68 km 5)Distribution network-Replaced- NA 6) New Tansmission network- NA 7) Replaced Transmission Network- NA 8)Storage tank - Dismantling the existing GLSR and Construction of a new OHSR with 5 Lakh Litres capacity at Chalakkunnu 9) Treatment Plant - NA 10) Smart elements- NA 11) Road restoration charges- 1.594 Cr	YES	NA	SE Certified that,the works proposed in the DER for laying Distribution system and FHTCs are Feasible.	7351.006447	May be Approved
21	KANNUR	Providing 24 X 7 Water supply in District metered area of Kannur corporation	3.60750	1)New House Connections : 610 2)Existing house Connections : 590 3)Total HH Benefitted : 1200 4)Distribution network NEW- 6.52 km 5)Distribution network-Replaced- NA 6) New Tansmission network - NA 7) Replaced Transmission Network- NA 8)Storage tank - NA 9) Treatment Plant - NA 10) Smart elements- Sensors, Chlorine & pressure detectors, Digital pressure guage, Auto rated flow control valve 11) Road restoration charges- 0.55 Cr	YES	NA	Feasible	30062.5	May be Approved
			164.81980						

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AMRUT 2 CITIES - ORIGINAL ALLOCATION									
1	VALANCHERRY	Valanchery- Kalayana Urava Water Supply Scheme	13.27400	<u>Kaliyana Urava</u> 1.Check dam Structure-19 metre in length and 6 metre in height 2.Upstream Water Storage Collected Area: -120 metres in length and 8500 m3 in Collection capacity 3.Gravity Sedimentation Tank+Sand Filter-Size: 5.72 x 4.5 m,Height:6 m 4.Collection Well and Chlorination treatment: -7.3 m in diameter and 6 m in height 5.Pumping Main to Over Head Tank -1.375 Km 6.Over-head Water Tank: -1.358 LL 7. Distribution Network-1.15 Km 8.FHTC-1750 Nos <u>5 Additional Micro projects</u> WELL- 4 new nos, 1 Existing well Pumping Main to Over Head Tank -5.04 Km Over-head Water Tank: -0.06 LL Distribution Network-6.25 Km FHTC-982 Nos	YES		ULB MWSS	48587.11567	The revised submitted report has been scrutinized by the Mission Director, AMRUT With the Valanchery ULB team from the technical point of view on 8/7/2024 with respect to Rainfall characteristics and asked to look into the following: •Past 25 years mean average rainfall of the study area for working out the Run-coefficient, hydrological factor, water balance of the proposed Check dam, Flow characteristics and flow velocity of the Spring /stream during various seasons, Exact total Volume of water which can be harvested month wise, rate of siltation from the catchment towards proposed Check dam, Evapotranspiration losses, percolation/ infiltration losses, etc These factors needs to be detailed further and a revised DPR needs to be submitted at the earliest. Also, a detailed cost estimation for Each activity proposed has to be comprehensive and precise in the DPR. Even though the subject work is placed for consideration, The same will be meticulously taken for administrative sanction based on the satisfactory inclusion of the required data set and further refinement and perfection of DPR.

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2	KOTTARAKKARA	AMRUT 2.0 - WSS to KOTTARAKKARA MUNICIPALITY - LAYING DISTRIBUTION MAIN FROM NEWLY PROPOSED OHSRs UPTO EXISTING NETWORK INCLUDING PROVIDING 1000 FHTCs IN MUNCIAPL AREA	4.33500	1)New House Connections : 1000 2)Existing house Connections : 600 3)Total HH Benifitted : 1600 4)Distribution network NEW-2 km 5)Distribution network-Replaced- 2 6) New Tansmission network nil 7) Replaced Transmission Network- nil 8)Storage tank -nil 9) Treatment Plant -nil 10) Smart elements-nil	YES	Available	Not received	27093.75	May be Approved.KWA recommendation is to be obtained before the next SHPSC
3	Kottarakkara	AMRUT 2.0 - WATER SUPPLY SCHEME FOR KOTTARAKKARA MUNICIPALITY - Construction of 7.5 LL OHSR AT AMBALAPURAM	2.25934	1)New House Connections : Nil 2)Existing house Connections : 672 3)Total HH Benifitted : 672 4)Distribution network NEW-Nil 5)Distribution network-Replaced- Nil 6) New Tansmission network -Nil 7) Replaced Transmission Network- Nil 8)Storage tank - 1 no at Ambalapuram 7.5 LL capacity (school compound) 9) Treatment Plant -Nil 10) Smart elements-Nil	YES	LAND CONFIRMATION FROM ULB OBTAINED.. PROPOSED IN SCHOOL COMPOUND	Not received	33621.13095	May be Approved.KWA recommendation is to be obtained before the next SHPSC
4	CHENGANNUR (M)	Pipe line extension and providing household connection and other works in chengannur municipality (Phase II) under AMRUT 2.0	1.78700	1)New House Connections : 370 2)Existing house Connections : 100 3)Total HH Benifitted : 470 4)Distribution network NEW- 2.0 km 5)Distribution network-Replaced- 1.2 km 6) New Tansmission network - 0 7) Replaced Transmission Network- 0 8)Storage tank -0 9) Treatment Plant - Maintenance of Malayil WTP (chlorinator & valve chamber replacement) 10) Supply of 100 kg capacity chlorine cylinder at Malayil WTP 11) Road restoration charges- 0.39 crores	YES	Available	SE has reported that, Old and damaged pipes in various locations to be replaced and laying new distribution network; thus to supply more water to the consumers and giving more connections. Also Existing chlorinator in this scheme is totally damaged. Hence the proposal is essential and feasible.	38021.2766	May be Approved
5	Panoor	AMRUT 2.0 Water Supply Scheme to Panoor Municipality -Laying Distribution systems and Providing FHTCs- Zone 1	15.40000	1)New House Connections : 5100 2)Existing house Connections : 183 3)Total HH Benifitted : 5283 4)Distribution network NEW- 27 km 5)Distribution network-Replaced- NA 6) New Tansmission network - NA 7) Replaced Transmission Network- NA 8)Storage tank - NA 9) Treatment Plant - NA 10) Smart elements- NA 11) Road restoration charges- 1.819 Cr (Out of total house holds ie 18474 only 183 are having FHTC's as on date ie, less than 1%. Large network has to be covered to provide FHTC to 5100 houses in PWD roads including State Highway) 12) Type of road - BM & BC	YES	NA	Based on SE's report, the proposal is depend on KIIFB aided Thalassery - Kuthuparamba comprehensive drinking WSS. This can be implemented along with the implementation of the KIIFB project. The KIIFB project is supposed to obtain TS soon and is submitted for revalidation under KIIFB which is expected within one month time.	29150.10411	May be Approved

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6	CHANGANASSERY (M)	AMRUT 2.0 - UWSS to Changanassery Municipality -Laying distribution network along Municipal Area (Phase III)	0.99200	1)New House Connections : 30 2)Existing house Connections : 400 3)Total HH Benefitted : 430 4)Distribution network NEW-nil 5)Distribution network-Replaced- 1.8 km 6) New Transmission network-nil 7) Replaced Transmission Network- nil 8)Storage tank - nil 9) Treatment Plant - nil 10) Smart elements- nil 11) Road restoration charges- 0.3217215 cr.	YES	Available	SE has reported that, this proposal is for replacement of old and damaged pipe lines	23069.76744	May be Approved
7	CHANGANASSERY (M)	AMRUT 2.0-UWSS TO CHANGANASSERY MUNICIPALITY- LAYING DISTRIBUTION MAIN (PHASE 2) FROM PROPOSED 15 LL OHSR AT PERUNNA TO MARKET AREA	2.67600	1)New House Connections : 25 2)Existing house Connections : 600 3)Total HH Benefitted : 625 4)Distribution network NEW-1.65 km 5)Distribution network-Replaced- 2km 6) New Transmission network-nil 7) Replaced Transmission Network- nil 8)Storage tank - nil 9) Treatment Plant - nil 10) Smart elements- nil 11) Road restoration charges- 0.3331130 cr.	YES	Available	SE has reported that, this proposal is envisaged for improving water supply in Puzhavath and Market area of Changanassery Municipality, by feeding water from the proposed OHSR at Perunna to these areas.	42816	May be Approved
8	ETTUMANOOR	AMRUT 2.0 -PROVIDING WATER CONNECTION AND PIPELINE EXTENSION IN ETTUMANOOR MUNICIPALITY PHASE II	4.75704	1)New House Connections : 500 nos 2)Existing house Connections : 978 nos 3)Total HH Benefitted : 1478 nos 4)Distribution network NEW-19.75 km 5)Distribution network-Replaced- nil 6) New Transmission network-nil 7) Replaced Transmission Network- nil 8)Storage tank -nil 9) Treatment Plant -nil 10) Smart elements-nil 11) Road restoration charges- 0.4812325 Cr	YES	Available	SE reported that the proposal is aiming to providing WS to the consumers in a better way and high quality.	32185.65629	May be Approved
9	KOTTAYAM (M)	AMRUT 2.0 -Pipeline extension and providing FHTCS in Nattakom area (2nd Phase) of Kottayam Municipality	1.79000	1)New House Connections : 575 2)Existing house Connections : 375 3)Total HH Benefitted : 900 4)Distribution network NEW-2.95 km 5)Distribution network-Replaced- 2 km 6) New Transmission network- nil 7) Replaced Transmission Network- nil 8)Storage tank -nil 9) Treatment Plant -nil 10) Smart elements-nil 11) Road restoration charges- 13 Lakhs.	YES	Available	Feasible	19888.88889	May be Approved

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10	KOTTAYAM (M)	AMRUT 2.0-Pipeline extension and providing FHTCS in Kumaranalloor area (2nd Phase) of Kottayam Municipality	6.26000	1)New House Connections : 750 2)Existing house Connections : 705 3)Total HH Benefitted : 1455 4)Distribution network NEW-7.07km 5)Distribution network-Replaced- 9 km 6) New Transmission network-nil 7) Replaced Transmission Network- nil 8)Storage tank - nil 9) Treatment Plant - nil 10) Smart elements- nil 11) Road restoration charges- 2.3584179Cr.	YES	Available	Feasible	43024.05498	May be Approved
11	KOTTAYAM (M)	AMRUT-2.0- WSS to Kumaranalloor- Pipeline extension and providing FHTC in Kumaranalloor area(3rd) in Kottayam Municipality- Pipe line Work	0.56700	1)New House Connections : 195 2)Existing house Connections : 87 3)Total HH Benefitted : 282 4)Distribution network NEW-2.025km 5)Distribution network-Replaced- nil 6) New Transmission network- nil 7) Replaced Transmission Network- nil 8)Storage tank - nil 9) Treatment Plant -nil 10) Smart elements-nil 11) Road restoration charges- 0.0300653 Cr.	YES	Available	Feasible	20106.38298	May be Approved
12	TIRUR (M)	AMRUT 2.0-WSS to Tirur Municipality-Providing new distribution network, Household Tap Connections and Replacing old aged AC pipe with DI Pipe.	13.88000	1)New House Connections : 2984 2)Existing house Connections : 3815 3)Total HH Benefitted : 6799 4)Distribution network NEW-20 5)Distribution network-Replaced- 7 6) New Transmission network Nil 7) Replaced Transmission Network- Nil 8)Storage tank - NA 9) Treatment Plant - NA 10) Smart elements- Nil 11) Road restoration charges- 2.87 Cr	YES	Available	Not received	20414.76688	May be Approved
13	KOTTAKKAL	AMRUT 2.0 - WSS to Kottakkal Municipality-Providing new distribution network, Household Tap Connections and Replacing old aged AC pipe with DI Pipe.	15.73900	1)New House Connections : 3200 Nos 2)Existing house Connections : 20 Nos 3)Total HH Benefitted : 3220 Nos 4)Distribution network NEW-25.15 KM 5)Distribution network-Replaced- 8.62 KM 6) New Transmission network-NA 7) Replaced Transmission Network- NA 8)Storage tank -NA 9) Treatment Plant -NA 10) Smart elements-NA 11) Road restoration charges- 3.153Cr	YES	Available	Providing distribution lines, replacement works and FHTCs. Production components are existing. The proposal is feasible.	48878.88199	May be Approved

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14	Manjeri	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	23.20700	1)New House Connections : 3950 2)Existing house Connections : 881 3)Total HH Benifitted : 4831 4)Distribution network NEW- 14.75km 5)Distribution network-Replaced- NA 6) New Tansmission network: 6.75km 7) Replaced Transmission Network- NA 8)Storage tank - 18.75LL OHSR at Unity College Area 9) Treatment Plant - NA 10) Smart elements- NA 11) Road restoration charges- 3.33 Cr	YES	Land confirmation for OHSR received KSTP road under DLP	Based on the report from SE, the proposal is feasible. KSTP road cutting permission required. The said road is under DLP	48037.67336	May be Approved
15	Nilambur	AMRUT -2.0 AUGMENTATION OF UWSS TO NILAMBUR PHASE 1	9.57000	1)New House Connections : 300 2)Existing house Connections : 2746 3)Total HH Benifitted :3046 4)Distribution network NEW-13.75KM 5)Distribution network-Replaced- 0.5KM 6) New Tansmission network-NA 7) Replaced Transmission Network- NA 8)Storage tank - 9 LL water tank near the old exlsting tank at Banglakunnu 9) RENOVATION OF INTAKE WELL-6M Dia , 16.5 M Depth 10) Treatment plant- Renovation of 4.5 MLD Plant including Replacement of Filter media, Construction of Chemical Building Near WTP & Construction of Shift Room and Toilet at Raw water Pump House 11) Road restoration charges- 1.055 Cr.	YES	Land confirmation for OHSR required. from Forest Dpt.	CE has reported that the proposal is for improving the WS to Nilambur municipality. The proposal is feasible , but permissive sanction from Forest department is to bee obtained for constn. of 9LL OHSR at Banglavukunnu and the same was already applied in PARIVESH portal	31418.25345	May be approved on condition that NOC from forest dept submitted at the earliest
16	Neyyattinkara	Augmentation of WSS to Neyyattinkara Municipality - New Intake Structure and Weir across Neyyar	9.99700	1)New House Connections : Nil 2)Existing house Connections : 11708 3)Total HH Benifitted : 11708 4)9 metre dia well cum pump house & 60 metre length Weir	YES	NOC from Irrigation Needed since it is a weir	SE has reported that, the intake structure of existing WTP is dilapidated & maintenance of the same is impossible. Existing weir close to the intake in Neyyar River near Srikrishna Swami Temple. Re construction of both the structures are necessary to provide adequate Raw water to the proposed 16 MLD WTP. There is enough KWA land available for the construction of a Well cum PH near the existing intake structure. So the new weir proposed in the same location of the existing damaged weir. There is enough flow in Neyyar River and more over Neyyar Dam is in the upstream and hence with the new weir, Raw water availability can be assured for continuous working of the WTP. SE has also reported that the proposal is feasible.	8538.606081	May be approved on condition that NOC from irrigation dept submitted at the earliest
			126.49038						

ANNEXURE 2: LIST OF SWAP3 PROPOSALS- WATER SUPPLY

SI.No	ULB	Name of Project	CAPEX	Major Components	Council Approval	Land Availability	KWA HQ Evaluation	COST PER HH BENEFITED	SMMU Remarks
AMRUT 2 CITIES - ADDITIONAL ALLOCATION									
1	CHITTUR-THATHAMANGALAM (M)	AMRUT 2.0- SWAP 3- IMPLEMENTATION OF 24*7 WATER SUPPLY IN WARD - 4 AT CHITTUR THATHAMANGALAM MUNICIPALITY	8.94000	1)New House Connections : 500 2)Existing house Connections : 4000 3)Total HH Benifitted : 4500 4)Distribution network NEW- 4.2 KM 5)Distribution network-Replaced- 11 KM 6) New Tansmission network - nil 7) Replaced Transmission Network - nil 8)Storage tank - nil 9) Treatment Plant - nil 10) Smart elements- scada 11) Road restoration charges- 3.575Cr	YES	NA	Not received	19866.66667	May be Approved.KWA recommendation is to be obtained before the next SHPSC
2	Kunnamkulam	AMRUT 2.0-WSS TO KUNNAMKULAM MUNICIPALITY- CONSTRUCTION OF 15 MLD WATER TREATMENT PLANT AND ALLIED WORKS AT KOOTANAD.	19.90000	1.RWPM -500mm DI pipe 235m ; 250mm DI pipe 20m Coast of Material : 0.32cr ,Working Charge - 0.086 cr 2.WTP-15MLD - 20.2Cr(Capex-19.906Cr, O&M -0.03Cr) 4.Clear water pump sets (Cost-1.756cr) 5. Design,construction,commissioning of SCADA-1.6841750cr	YES	Land availability confirmed	Feasible	13812.72992	May be Approved
3	KALPETTA (M)	AMRUT-2.0 - UESS to Kalpetta Municipality - Providing full coverage of functional house hold tap connections to Divisions 1 to 28 in Kalpetta Municipality	18.20000	1)New House Connections : 4998 2)Existing house Connections : Nil 4)Distribution network NEW- 19.9km 5)Distribution network-Replaced-37.6KM 6) New Tansmission network: 7.5 KM 7) Replaced Transmission Network- NIL 8)Storage tank -Construction of New GLSR 0.5LL at Moovattikunnu and Renovation of 2 Nos 10 LL OHSR and 1 No 10 LL OHSR 9) Treatment Plant -Renovation of 10 MLD Plant including Replacement of Filter media 10) Smart elements- Nil 11) Road restoration charges- Yes Rs-1161500	YES	Available	Not received	36414.56583	May be Approved.KWA recommendation is to be obtained before the next SHPSC

ANNEXURE 2: LIST OF SWAP3 PROPOSALS- WATER SUPPLY

SI.No	ULB	Name of Project	CAPEX	Major Components	Council Approval	Land Availability	KWA HQ Evaluation	COST PER HH BENEFITED	SMMU Remarks
4	MALAPPURAM (M)	AMRUT 2.0-Additional Proposal - MWSS to Panakkad and Melmuri Villages in Malappuram Municipality	5.62000	1)New House Connections : 1644 2)Existing house Connections : 4935 3)Total HH Benefitted : 6579 4)Distribution network NEW-NA 5)Distribution network-Replaced- NA 6) New Tansmission network-4.45KM (Gravity Mains,WTP to 6.0LL OHSR@Perumparamba) 7) Replaced Transmission Network- NA 8)Storage tank -NA 9) Treatment Plant -NA 10) Smart elements-NA 11) Road restoration charges- 3.5 lakh	YES	Available	SE has reported that, the proposal can provide 1644 Nos of FHTCs from the existing distribution system and also to complete and commission the scheme CWSS to Panakkad & melmuri villages in Malappuram Municipality proposed to implement under AMRUT 2.0 & Nagarasanjayam pojects	8542.331661	May be Approved
5	Pathanamthitta	AMRUT 2.0 -PROVIDING WATER SUPPLY TO ELEVATED AREAS IN PATHANAMTHITTA MUNICIPALITY - PARUVAPLACKAL, POOVANPARA AND VANCHIPPOYKA	8.50000	1)New House Connections : 300 2)Existing house Connections : 1900 3)Total HH Benefitted : 2200 4)Distribution network NEW-6 5)Distribution network-Replaced- Nil 6) New Tansmission network-14.3 Km 7) Replaced Transmission Network- Nil 8)Storage tank -0.3 LL (3 OHSR-0.50 LL each and 3 sumps- 0.50 LL each) 9) Treatment Plant -Nil 10) Smart elements-Nil 11) Road restoration charges- 0.434 Cr	YES	ULB Land . Confirmed	- SE has reported that the WS to Pathanamthitta Municipality is currently provided from 6 MLD Clarifilter TP at pampoorippara . Additionally new project is under taken in AMRUT 2.0 to improve the intake facilities & Construct a new 10 MLD STP near existing TP. A weir located 50m down stream to the intake ensures the water adequacy. The enhanced production will be sufficient to the meet the WS demand for the Municipality. The proposal is feasible to cover the WS requirements in pathanamthitta municipality including the mentioned areas Paruvaplakal,poovanpara, vanchipoyka. -Based on the SE's report, the proposal is feasiible.	38636.36364	May be Approved.KWA recommendation is to be obtained before the next SHPSC
6	Ottappalam	AMRUT 2.0- SWAP 3- URBAN WATER SUPPLY SCHEME TO OTTAPALAM MUNICIPALITY	2.93000	1)New House Connections : 500 2)Existing house Connections : 100 3)Total HH Benefitted : 600 4)Distribution network NEW- 19790 mtr 5)Distribution network-Replaced- nil 6) New Tansmission network- Nil 7) Replaced Transmission Network- Nil 8)Storage tank - Nil 9) Treatment Plant - nil 10) Smart elements- nil 11)Purchahse of Lab equipments 12) Road restoration charges- 1.93133 lakhs	YES	NA	Feasible	48833.33333	May be Approved

ANNEXURE 2: LIST OF SWAP3 PROPOSALS- WATER SUPPLY

SI.No	ULB	Name of Project	CAPEX	Major Components	Council Approval	Land Availability	KWA HQ Evaluation	COST PER HH BENEFITED	SMMU Remarks
7	Nedumangad	AMRUT 2.0 Augmentation of UWSS to Nedumangad Municipality - Upgradation of Existing 13.75 MLD Water Treatment Plant at Perumala and Providing 3000 FHTCs	15.00000	1)New House Connections : 3000 2)Existing house Connections : 9960 3)Total HH Benefitted : 12960 4) Pumping main: 3.6Km (replacement) 5) Clarifier- 7mld- Lamella Type 6) Construction of Aerator 7)VT Pump- 370 Hp- 1nos 8) Centrifugal Pump- 45Hp- 2nos 9) Enchancement ot WTP production from 9.5 MLD to 20 MLD 10) Smart elements- Meters 11) Road restoration charges- 1 Cr	YES	KWA land	Feasible	11574.07407	May be Approved
8	Parappanagadi	AMRUT 2.0 - Construction of 15.00LL OHSR at Chappappadi , Clear Water Pumping Main and Functional House hold Connections.	15.00000	1)New House Connections : 3220 2)Existing house Connections : 200 3)Total HH Benefitted :3420 4)Distribution network NEW-NA 5)Distribution network-Replaced- NA 6) New Tansmission network-NA 7) Replaced Transmission Network- NA 8)Storage tank -1.5 MLD 9)CWPM-2.4 Km 10)Treatment Plant -NA 11) Smart elements-NA 12) Road restoration charges- 1.88 Cr	YES	NOC from fisheries dpt	Feasible	43859.64912	May be approved on condition that NOC from fisheries dept submitted at the earliest
9	TALIPARAMBA (M)	AMRUT 2.0 -CONSTRUCTION OF 1.0 LL OHSR AT VATTAPPARA LAYING TRANSMISION MAIN, DISTRIBUTION NETWORK AND PROVIDING FHTCs IN TALIPARAMBA MUNCIPALITY	4.50000	1)New House Connections : 1000 2)Existing house Connections : 520 3)Total HH Benefitted : 1520 4)Distribution network NEW-6Km 5)Distribution network-Replaced- NA 6) New Tansmission network-1.7Km 7) Replaced Transmission Network- NA 8)Storage tank - 1.0 LL OHSR at Vattappara 9) Treatment Plant - NIL 10) Smart elements-NIL 11) Road restoration charges- 0.220Cr	YES	ULB land. Confirmed	Feasible	29605.26316	May be Approved
10	Cherthala	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	3.98510	1)New House Connections : 500 2)Existing house Connections : 7161 3)Total HH Benefitted :7661 4)Distribution network NEW-5km 5)Distribution network-Replaced- 15 km 6) New Tansmission network-0 7) Replaced Transmission Network- 0 8)Storage tank -0 9) Treatment Plant -0 10) Smart elements-0 11) Road restoration charges-0.48crs	YES	NA	SE has reported that AMRUT 2.0- Phase I&II under progressing, for providing potable water connection to all households in Cherthala Municipality, 500 new connections are to be provided and old 100 AC pipes are to be replaced . So the proposal is submitted	29606.98366	May be Approved

ANNEXURE 2: LIST OF SWAP3 PROPOSALS- WATER SUPPLY

Sl.No	ULB	Name of Project	CAPEX	Major Components	Council Approval	Land Availability	KWA HQ Evaluation	COST PER HH BENEFITED	SMMU Remarks
11	MAVELIKKARA	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	3.06560	1)New House Connections : 500 2)Existing house Connections : 200 3)Total HH Benefitted : 700 4)Distribution network NEW- 3km 5)Distribution network-Replaced-2 km 6) New Tansmission network Nil 7) Replaced Transmission Network- Nil 8)Storage tank - Nil 9) Treatment Plant -Nil 10) Smart elements- Nil 11) Road restoration charges- 0.85 lakhs	YES	NA	SE reported that the WS in Mavelikkara Municipality was commissioned in 30 years back. Majority of existing distribution net work was laid long before and the old AC pipes become damaged due to heavy traffic and poor bearing capacity of soil. So the replacement proposal is considered.	43794.28571	May be Approved
12	ALUVA	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	3.40000	1)New House Connections : 10 2)Existing house Connections: 1980 3)Total HH Benefitted : 1990 4)Distribution network-Replacement- 4.735 KM 5) Road restoration charges- 1.3097Cr.	YES	NA	Not received	17085.42714	May be Approved.KWA recommendation is to be obtained before the next SHPSC
13	Pattambi	AMRUT 2.0 - SWAP 3 - Providing FHTCs in Pattambi Municipality	1.00000	1)New House Connections : 250 2)Existing house Connections : NA 3)Total HH Benefitted : 250 4)Distribution network NEW- NA 5)Distribution network-Replaced- 6.420km 6) New Tansmission network: NA 7) Replaced Transmission Network- NA 8)Storage tank - NA 9) Treatment Plant - NA 10) Smart elements- NA 11) Road restoration charges- 0.06 Cr.	YES	NA	ULB PROJECT	40000	TS SWAP1 project is yet be obtained,pending for long time.Implementing agency is ULB itself, Decision to be taken for transfer work from ULB to KWA
14	Haripad	AMRUT- 2.0- Haripad Municipality-Drilling and commissioning of Tube well 2 numbers in Haripad Municipality	0.60000	1)New House Connections : Nil 2)Existing house Connections : 867 3)Total HH Benefitted : 867 4)Distribution network NEW-nil 5)Distribution network-Replaced- Nil 6) New Tansmission network- 0.4km 7) Replaced Transmission Network- Nil 8)Storage tank - Nil 9) Treatment Plant - Nil 10) Smart elements- Nil 11) Road restoration charges- 0.01 lakhs 12) Number of pumpings mains - 2 nos	YES	ULB land. Confirmed	At present no treated WSS is available in Harippad Municipality. Existing WSS in this municipality is functioning with a single tube well at Thrippakkudam, which is not sufficient for the present population. The proposal aims to decrease the shortage of potable water with two additional tube wells.	6920.415225	May be Approved

ANNEXURE 2: LIST OF SWAP3 PROPOSALS- WATER SUPPLY

Sl.No	ULB	Name of Project	CAPEX	Major Components	Council Approval	Land Availability	KWA HQ Evaluation	COST PER HH BENEFITED	SMMU Remarks
15	Perumbavoor	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.	3.00000	1)New House Connections : 300 Nos 2)Existing house Connections : 4518 3)Total HH Benefitted : 4818 4)Distribution network NEW-Nil 5)Distribution network-Replacement- Nil 6) New Transmission network-Nil 7) Replacement of Transmission Network- Nil 8)Raw water pumping main-Replacement- 1.75508 Km 9)Storage tank -NIL 10) Treatment Plant -NIL 11) Smart elements-NA 12) Road restoration charges- 32.45 lakhs	YES	NA	Not received	6226.650062	May be Approved.KWA recommendation is to be obtained before the next SHPSC
16	Thrikkakara	AMRUT 2.0- Replacing old, damaged, under size distribution lines and sluice valves in Thrikkakara Municipality	3.50000	1)New House Connections : 710 2)Existing house Connections : 3384 3)Total HH Benefitted : 4094 4)Distribution network NEW-0.00 5)Distribution network-Replaced- 4.50 Km 6) New Transmission network- 0.00 7) Replaced Transmission Network- 0.00 8)Storage tank - NIL 9) Treatment Plant - NIL 10) Smart elements- NIL 11) Road restoration charges- 80.84 Lakhs	YES	NA	Not received	8549.096238	May be Approved.KWA recommendation is to be obtained before the next SHPSC
17	Thodupuzha	Amrut 2.0-Augmentation of UWSS to Thodupuzha Municipality for full coverages – Providing Drinking water Connections to 1000 Households.	5.00000	1)New House Connections : 1000 nos 2)Existing house Connections : 6420 nos 3)Total HH Benefitted : 7420 nos 4)Distribution network NEW-12000m 5)Distribution network-Replaced- 1300m 6) New Transmission network- nil 7) Replaced Transmission Network- nil 8)Storage tank - nil 9) Treatment Plant -nil 10) Smart elements-nil 11) Road restoration charges- 0.46 Cr	YES	NA	-SE Certified that the project is technically feasible and the source is adequate for the execution of the project. The production components, Pumping mains, Transmission mains, and majority of distribution lines are already existing. -Based on the SE's report, the proposal is feasible.	6738.544474	May be Approved.KWA recommendation is to be obtained before the next SHPSC
18	Anthoor	AMRUT 2.0 BALANCE WORK-LAYING DISTRIBUTION SYSTEM AND PROVIDING BALANCE FHTCS – PART 1	3.50000	1)New House Connections : 1500 2)Existing house Connections : 6180 3)Total HH Benefitted : 7680 4)Distribution network NEW- 3.9 km 5)Distribution network-Replaced- NA 6) New Transmission network - NA 7) Replaced Transmission Network- NA 8)Storage tank - NA 9) Treatment Plant - NA 10) Smart elements- NA 11) Road restoration charges- 0.1 Cr	YES	NA	SE Certified that,the works proposed in the DER for laying Distribution system and FHTCs are Feasible.	4557.291667	May be Approved

ANNEXURE 2: LIST OF SWAP3 PROPOSALS- WATER SUPPLY

Sl.No	ULB	Name of Project	CAPEX	Major Components	Council Approval	Land Availability	KWA HQ Evaluation	COST PER HH BENEFITED	SMMU Remarks
19	Koothuparampu	AMRUT2.0-SWAP3- LAYING DISTRIBUTION NETWORK AND PROVIDING FHTCS IN KUTHUPARAMBA MUNICIPALITY BALANCE WORK	8.00000	1)New House Connections : 3000 2)Existing house Connections : 4295 3)Total HH Benefitted : 7295 4)Distribution network NEW- 14.7 km 5)Distribution network-Replaced- NA 6) New Transmission network- NA 7) Replaced Transmission Network- NA 8)Storage tank - NA 9) Treatment Plant - NA 10) Smart elements- NA 11) Road restoration charges- 1.23 Cr	YES	NA	SE has reported that, the scheme is adequate to provide drinking water to the whole Municipality . AMRUT 2.0(Phase I) has been linked to this scheme and it has the capacity to provide drinking water to the AMRUT 2.0 (Balance work). AMRUT 2.0 balance work includes the line extension of the existing distribution system and AMRUT 2.0 involves retrofitting the existing WSS . Hence this balance work is feasible.	10966.41535	May be Approved
20	Kasaragod	AMRUT 2.0-Laying Distribution System and Providing FHTCs in Kasargod Municipality- ADDITIONAL PROJECT	7.42600	1)New House Connections : 500 2)Existing house Connections : 1010 3)Total HH Benefitted : 1510 4)Distribution network NEW-20Km 5)Distribution network-Replaced- 5Km 6) New Transmission network-NA 7) Replaced Transmission Network- NA 8)Storage tank - NIL 9) Treatment Plant -NIL 10) Smart elements-NIL 11) Road restoration charges- 1.09 Cr	YES	NA	Feasible	49178.80795	May be Approved
21	Punalur	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	8.54000	1)New House Connections : 500 2)Existing house Connections : 6359 3)Total HH Benefitted : 6859 4)Distribution network NEW-NIL 5)Distribution network-Replaced- 12.10 6) New Transmission network- Nil 7) Replaced Transmission Network- Nil 8)Storage tank -NIL 9) 9 MLD Treatment Plant Nellipally -Renovation of plant - Replacement of filter media, Installation of pumps,construction of valve chamber 10) Smart elements- 11) Road restoration charges- 3.074 Cr. (NH & PWD)	YES	NA	Not received	12450.79458	May be Approved.KWA recommendation is to be obtained before the next SHPSC
22	Kottarakkara	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	14.62000	1)New House Connections : Nil 2)Existing house Connections : 2820 3)Total HH Benefitted : 2820 4)Distribution network NEW-Nil 5)Distribution network-Replaced- Nil 6) New Transmission network -8.8 KM 7) Replaced Transmission Network- Nil 8)Storage tank - NIL 9) Treatment Plant -Nil 10) Smart elements-Nil	YES	Available	Not received	51843.97163	May be Approved.KWA recommendation is to be obtained before the next SHPSC

ANNEXURE 2: LIST OF SWAP3 PROPOSALS- WATER SUPPLY

Sl.No	ULB	Name of Project	CAPEX	Major Components	Council Approval	Land Availability	KWA HQ Evaluation	COST PER HH BENEFITED	SMMU Remarks
23	PALAI (M)	AMRUT 2.0 - Augmentation of UWSS to Pala- Replacing Filter media of WTP Pala and improving Distribution system	1.03019	1)New House Connections :50 nos 2)Existing house Connections : 175 Nos 3)Total HH Benefitted : 225 Nos 4)Distribution network NEW- 1 km 5)Distribution network-Replacement- 1 km 6) New Transmission network: nil 7) Replacement of Transmission Network- nil 8)Storage tank - nil 9) Treatment Plant - filter media changing 2 nos 10) Smart elements- nil 11) Road restoration charges- nil (GI pipe only)	YES	Available	Not received	45786.22222	May be Approved.KWA recommendation is to be obtained before the next SHPSC
24	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	5.36000	1)New House Connections : 648 2)Existing house Connections : 2287 3)Total HH Benefitted : 2935 4)Distribution network NEW- nil 5)Distribution network-Replaced- nil 6) New Transmission network-nil 7) Replaced Transmission Network- nil 8)Storage tank - 7LL OHSR 9) Treatment Plant -NIL 10) Smart elements-nil 11) Road restoration charges- 15.7 lakhs	YES	KWA Land	CE(SR) has reported that,the present sharing of WS from this scheme to VaikomMunicipality is 2.MLD. The project envisages for improvement of supply in zone I (ward 1,2,16,18,19,20,25,&26) of vaikom Municipality covering population 8992. Also Space available for constn of OHSR in KWA office compound Vakom is only 26.50x17.00m.	18262.35094	May be Approved
25	Vaikom	AMRUT-2.0 -VAIKOM MUNICIPALITY-IMPROVING WATER SUPPLY BY SOURCE IMPROVEMENTS AT 45 MLD WTP AT MEVELLOOR AND ALLIED WORKS - PHASE II	8.38540	1)New House Connections : 150 2)Existing house Connections : 1650 3)Total HH Benefitted : 1800 4)Distribution network NEW- 0 km 5)Distribution network-Replaced- 2.3 km 6) New Transmission network-nil 7) Replaced Transmission Network- nil 8)Storage tank - nil 9) Treatment Plant -filter media changing in 2 filter beds 10) Smart elements-nil 11) Road restoration charges- 3.1982827 Cr.	YES	NA	Not received	46585.55556	May be Approved.KWA recommendation is to be obtained before the next SHPSC
26	Shornur	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	11.05000	1)New House Connections : 1500 2)Existing house Connections : 8717 3)Total HH Benefitted : 10217 4)Distribution network NEW- NA 5)Distribution network-Replaced- 28kms 6) New Transmission network: 0.50km 7) Replaced Transmission Network- NA 8)Storage tank - 2LL OHSR Al-Ameen college at Kullapully and sump in Kulappully, 1LL Sump in Mundaya 9) Treatment Plant - 1.50MLD treatment plant - Construction of pressure filter building in Mundaya 10) Smart elements- NA 11) Road restoration charges- 2.01 Cr	YES	Available	proposal is feasible subject to availability of land as agreed by the Municipality.	10815.30782	May be Approved

ANNEXURE 2: LIST OF SWAP3 PROPOSALS- WATER SUPPLY

SI.No	ULB	Name of Project	CAPEX	Major Components	Council Approval	Land Availability	KWA HQ Evaluation	COST PER HH BENEFITED	SMMU Remarks
27	Pandalam	Amrut 2.0-SWAP 3-Laying and Strengthening existing Distribution system in Pandalam Municipality	1.00800	1)New House Connections : 0 2)Existing house Connections : 1750 3)Total HH Benefitted : 1750 4)Distribution network NEW-5.9 Km 5)Distribution network-Replaced- Nil 6) New Transmission network- Nil 7) Replaced Transmission Network- Nil 8)Storage tank -Nil 9) Treatment Plant -Nil 10) Smart elements- Nil 11) Road restoration charges- 0.11615 Cr	YES	NA	Feasible	5760	May be Approved
28	Mukkam	AMRUT 2.0- UWSS TO MUKKAM MUNICIPALITY- CONSTRUCTION, TESTING, COMMISSIONING, TRIAL RUNNING OF 18LL OHSR AND PROVIDING FHTC	6.03200	1)New House Connections : 500 2)Existing house Connections : 1140 3)Total HH Benefitted : 1640 4)Distribution network NEW-2.5KM 5)Distribution network-Replaced- NA 6) New Transmission network-NA 7) Replaced Transmission Network- NA 8)Storage tank -18LL 9) Treatment Plant -NA 10) Smart elements-NA 11) Road restoration charges- 41.52 LAKHS	YES	YES Confirmed	Not received	36780.4878	May be Approved.KWA recommendation is to be obtained before the next SHPSC
29	PAYYOLI	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	19.98000	1)New House Connections : 4170 2)Existing house Connections : 0 3)Total HH Benefitted : 4170 4)Distribution network NEW- 28 Kms 5)Distribution network-Replaced- 0 6) New Transmission network-0 7) Replaced Transmission Network- 0 8)Storage tank -NIL 9) Treatment Plant - Not included in this project 10) Smart elements-Not included in this project 11) Road restoration charges- 220.55Lakhs	YES	NA	-Feasible -CE has reported that , the existing scheme are small and locally centered to feed some particular area of the Municipality and hence further extension or Augmentation is not possible for these schemes. The other areas of the Municipality have to depend on public or private open wells which will dry up during summer season. At present no treated water is available in the scheme area. Hence the proposal is submitted. However 100% coverage of Municipality cannot be achieved due to shortage of funds.	47913.66906	May be Approved.KWA recommendation is to be obtained before the next SHPSC
30	PONNANI	AMRUT-2.0-Supplying -Construction of 33 LL Capacity OHSR at Chammravattam Junction in Ponnani Municipality	9.00000	1) New House Connections: 0 2) Existing house Connections: 3600 Nos 3) Total HH Benefitted: 3600 Nos 4) Distribution network NEW-NA 5) Distribution network-Replaced- Nil 6) New Transmission network-NA 7) Replaced Transmission Network- NA 8) Storage tank -33 LL 9) Treatment Plant -NA 10) Smart elements-NIL 11) Road restoration charges- NA	YES	NA	Not received	25000	May be Approved.KWA recommendation is to be obtained before the next SHPSC

ANNEXURE 2: LIST OF SWAP3 PROPOSALS- WATER SUPPLY

SI.No	ULB	Name of Project	CAPEX	Major Components	Council Approval	Land Availability	KWA HQ Evaluation	COST PER HH BENEFITED	SMMU Remarks
31	Cherupulassery	AMRUT 2.0 - SWAP 3 - Pipe line extension works in various wards in Cherupulassery municipality.	2.41830	1)New House Connections : 100 2)Existing house Connections : 600 3)Total HH Benefitted : 700 4)Distribution network NEW- 6.18 KM 5)Distribution network-Replaced- NIL 6) New Tansmission network : 4.2KM 7) Replaced Transmission Network- Nil 8)Storage tank - Nil 9) Treatment Plant - Nil 10) Smart elements- Nil 11) Road restoration charges- 46.26 lakhs	YES	NA	Feasible	34547.14286	May be Approved
32	ADOOR (M)	AMRUT- 2.O - SWAP- 3 City action plan strengthening and extension of distribution networking system in Adoor Municipality	4.30100	1)New House Connections : 230 2)Existing house Connections : 1000 3)Total HH Benefitted : 1230 4)Distribution network NEW- 22 Km 5)Distribution network-Replaced- 3 Km 6) New Tansmission network- Nil 7) Replaced Transmission Network- Nil 8)Storage tank -Nil 9) Treatment Plant -Nil 10) Smart elements- Nil 11) Road restoration charges- 0.152 Cr	YES	Available	FEASIBLE	34967.47967	May be Approved
33	Mannarkkad	AMRUT 2.0 - SWAP 3 - Construction of Check Dam And Providing FHTCs in various wards of Mannarkkad Municipality	6.68700	1)New House Connections : 200 2)Existing house Connections : 3012 3)Total HH Benefitted : 3212 4)Distribution network NEW- NIL 5)Distribution network-Replaced- Nil 6) New Tansmission network: Nil 7) Replaced Transmission Network- Nil 8)Storage tank - Nil 9) Treatment Plant - Nil 10) Smart elements- Nil 11) Road restoration charges- 8 lakhs	YES	NOC from Irrigation Needed since it is a weir -A letter from Irrigation dpt submitted.	Irrigation project. Feasible	20818.80448	May be Approved
34	KATTAPPANA	AMRUT 2.0 - SWAP- 3 -Phase II- Providing distribution network and FHTCs for Kattappana Municipality	20.00000	1)New House Connections : 4000 2)Existing house Connections : Nil 3)Total HH Benefitted : 4000 4)Distribution network NEW- 57.8 Km 5)Distribution network-Replaced- Nil 6) New Tansmission network- Nil 7) Replaced Transmission Network- Nil 8)Storage tank - Not included in this project 9) Treatment Plant - Not included in this project 10) Smart elements- Nil 11) Road restoration charges- 3.5 Cr	YES	NA	-SE reported that the proposal is technically Feasible . for successful execution of the project , the production components and pipe line works arranged under KIIFB & JJM to be completed. -Based on the SE's report, the proposal is feasible.	50000	May be Approved.KWA recommendation is to be obtained before the next SHPSC

ANNEXURE 2: LIST OF SWAP3 PROPOSALS- WATER SUPPLY

SI.No	ULB	Name of Project	CAPEX	Major Components	Council Approval	Land Availability	KWA HQ Evaluation	COST PER HH BENEFITED	SMMU Remarks
35	Attingal	AMRUT 2.0 - Attingal Municipality- Providing Pipe line Extension and Providing FHTCS in Attingal Municipality-Phase II Project	1.69000	1)New House Connections : 650 2)Existing house Connections : 40 3)Total HH Benefitted : 690 4)Distribution network NEW- 8.216KM 5)Distribution network-Replaced- Nil 6) New Transmission network- Nil 7) Replaced Transmission Network- Nil 8)Storage tank - Nil 9) Treatment Plant - Nil 10) Smart elements- Meters 11) Road restoration charges- 0.0958902	YES	NA	Feasible	24492.75362	May be Approved
			261.16859						
		GRAND TOTAL	552.47877						