

Minutes of the 21st State Level Technical Committee (SLTC) of AMRUT held on 27th July 2021 at 03:00 PM through VC chaired by Sri. Saurabh Jain IAS, Secretary, Local Self Government Department (Urban), Government of Kerala

The meeting of State Level Technical Committee commenced at 03:00 PM through Video Conference. List of participants is attached as Annexure I.

Agenda Item No.1: APPROVAL OF MINUTES OF THE 20th MEETING OF SLTC:

Decision: The Committee approved the minutes of the 20th meeting of SLTC held on 17.02.2021.

Agenda Item No.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 20th SLTC & 27th SHPSC

Agenda Item	Decision of 27 th SHPSC & Action Taken	21 st SLTC Comments / Decision
2.1: PROJECTS BEING IMPLEMENTED BY ULB		
2.1.1: AS Revision & Tender Excess of 3 Sub-works: SEW / SEP Sector - Thiruvananthapuram Corporation - Laying transmission main and sewer networks in Block L (Edathara) - Collection and Conveyance System - Suitable decision on the Revision of AS and tender excess quoted for the 3 sub-works of 31.5%, 43.00% and 24.05% above the TPAC.	<p>27th SHPSC noted that our State faces an acute shortage of experienced Contractors in Sewerage & Septage sector and high risk is involved in executing sewerage work. Moreover, laying sewer network is a difficult task and cost of materials has shot up due to COVID pandemic. Considering these facts, though the tender excess was high, the Committee decided to approve the tender excess of 3 sub works (31.5%, 43% & 24.05% above Tendered PAC) & revision of AS for an amount of Rs.32.70 Cr. due to necessity of the projection condition that half of the cost due to tender excess shall be borne by the Corporation. The Committee directed the Secretary to get the Council resolution regarding the same.</p> <p>The Committee also directed the KWA to prepare a guideline for preparation of sewerage estimates & share the same with all ULBs so that tender excess can be avoided or reduced considerably for future sewerage projects.</p> <p>Action Taken: Council has approved to bear half of the cost due to tender excess. Agreement for the work was executed on 28.02.2021. GO was issued.</p>	<p>Regarding the SHPSC decision to prepare a guideline for preparation of sewerage estimates, MD, KWA informed that sewerage estimates are ready. The same will be shared with ULBs after getting approval from Government.</p> <p>MD, KWA informed that pipe supply completed for all 3 sub works. He assured that one sub work can be completed in December 2021 and other 2 sub works by February 2022.</p>
2.1.2: AS Revision & Tender Excess of 2 Sub-works: SEW / SEP Sector - Thiruvananthapuram Corporation - Providing Sewer trunk from Kazhakkootam area to Pumping station of I Block through the bank of Thettiyar Thodu - Collection & Conveyance system and pumping station, pumps and electrical installation, pumping mains (Block-I) - Suitable decision on the Revision of AS and tender excess quoted for	<p>The 27th SHPSC noted that our State faces an acute shortage of experienced Contractors in Sewerage & Septage sector and high risk is involved in executing sewerage work. Moreover, laying sewer network is a difficult task and cost of materials has shot up due to COVID pandemic. Considering these facts, though the tender excess was high, the Committee decided to approve the tender excess of 2 sub works (clubbed - 40% above Tendered PAC) & revision of AS for an amount of Rs.12.35 Cr. due to necessity of the projection condition that half of the cost due to tender excess shall be borne by the Corporation. The Committee directed the Secretary to get the Council resolution regarding the same.</p> <p>Action Taken: Council approved to bear half of the cost due to tender excess. Work started. GO was issued. The work is in progress.</p>	<p>MD, KWA informed that 3% of work completed. He assured that work can be completed by February 2022.</p>

the 2 sub works of 40 % above the TPAC.		
2.1.3: Request to take up remaining Sewerage network under AMRUT: Kollam Corporation – SEW/SEP Sector - Request to take up remaining sewerage network worth Rs.93.612 Cr.	<p>The 27th SHPSC noted that the Corporation was facing lot of public protests in implementing sewerage projects, especially septage projects, under AMRUT in Kollam due to the fact that the sewer network was only partially completed & plant was not constructed under KSUDP. The Committee also noted that the construction of STP alone at Kureepuzha under AMRUT would not be sufficient for implementing a complete sewerage system in Kollam as the STP has to be connected to the sewer network laid under KSUDP, which is incomplete. Hence the Committee agreed to the suggestion of the Hon'able Mayor of Kollam to cancel the septage projects taken up under AMRUT in Kollam and use the amount available from these projects (Rs.10.38 Cr.) as well as the unused amount till date in Sewerage Sector of Kollam under AMRUT (Rs.43.16 Cr.) for implementing the balance sewer network (balance of KSUDP) subject to the conditions that the Corporation will bear the amount required above the amount available in AMRUT (Rs.10.38 + Rs.43.16 = Rs.53.54 Cr.) from their own fund and approval of the Council in this regard. Subject to above, the Committee accorded AS for the work amounting to Rs.93.612 Cr. The costs incurred on cancelled projects (such as DPR cost, tendering cost, advertisement cost etc;) shall be met by the ULB.</p> <p>Action Taken: G.O was issued. Estimate for the balance work was prepared by KWA and the same is being scrutinized by them for issuing TS.</p>	<p>MD, KWA informed that estimate is under scrutiny at KWA for issuing TS. He assured that TS will be issued within 15 days.</p>
2.1.4: AS Revision Due to Additional Work - Costs Rs.69.11.834: Palakkad Municipality – Water Supply - Augmentation of WS scheme – (1) Construction of OHSR-2 Nos., total 76.5 LL capacity & (2) Replacement of Raw water and clear water pump sets - Revision of Administrative Sanction to Rs.13.86 Cr.	<p>The 27th SHPSC noted the action taken by MD, KWA & decided to revise the AS of the work to an amount of Rs.13.86 Cr.</p> <p>Action Taken: G.O was issued.</p>	<p>MD, KWA informed as follows;</p> <p>There are two sub-works in this work.</p> <ol style="list-style-type: none"> 1) Construction of OHSR - 2 Nos. – 99% progress – Finishing works of 2 OHSRs are nearing completion. Work can be completed in September 2021. 2) Replacement of Raw water and clear water pump sets and electrification – 61% progress - Work can be completed in September 2021.
2.1.5: Request to take on records the termination of original contract and retendering of balance work: WSS to Guruvayur Municipality - Construction of 10LL OHSR & pumping main to Guruvayur Municipality.	<p>The Committee took note of the action taken by MD, KWA in terminating the original Contract & retender the balance work.</p> <p>Action Taken: KWA tendered the OHSR work separately. Tender was opened on 02.03.2021. Two offers were received. The lowest quoted rate was of 23% above TPAC. The tender committee of KWA Head Office decided to award the work to the lowest bidder, at the maximum rate of 10% above the TPAC of Rs.2,82,42,748 (DSR-2016, excluding GST), if the tenderer is willing to take up the work or else, retender the work after recasting the estimate. Since the Contractor was not willing for the same the tender was cancelled & the work was retendered with 10.05.2021 as due date. Since no offers were received, the estimate was revised and the work was</p>	<p>MD, KWA informed that they have split the work and tendered but no bids were received. The work will be tendered again after the approval for rate revision (DSR-2018) is received from the Government.</p>

	retendered with opening date as 04.06.2021. The date was extended up to 17.06.2021 and further up to 28.06.2021 but no bids were received. Due to urgency the CWPM work was split into small works – 7% completed. 10LL OHSR and CWPM balance work to be retendered after the approval for rate revision is received from the Government.	
2.2: PROJECTS BEING IMPLEMENTED BY ULB		
2.2.1: Ratification on Tender Excess & Additional Work approved by the Kochi Corporation: Urban Transport – Five Projects being implemented by KMRL- Ratification of action taken by Kochi Corporation in executing the additional works.	The 27 th SHPSC ratified the action taken by Kochi Corporation & decided to accord revised AS for the following UT works: 1) Walkway along Panorama road: Rs.79,70,000 to Rs.99,91,500. 2) Development of Pambayimoola Indira Gandhi Road Junction: Rs.1,16,60,000 to Rs.1,38,23,900. 3) Walkway along both sides of Chambakara Canal: Rs.63,00,000 to Rs.85,43,960. 4) Walkway along Karnakodam Thodu (Kathrikadavu to Pipeline Junction): Rs.99,00,000 to Rs.1,17,86,400. 5) Walkway along Stadium Link road: Rs.1,28,00,000 to Rs.1,36,89,613. Action Taken: G.O was issued.	Noted
2.2.2: Validation of Administrative Sanctions (AS) Issued to Various AMRUT Works:	The 27 th SHPSC approved the revalidation of AS of projects for which AS was accorded 3 years ago. Action Taken: G.O was issued.	Noted
2.2.3: Decision taken by 26th SHPSC to meet the half of the cost due to tender excess by the ULB: Kannur Corporation - Sewerage Sector - Providing decentralized sewerage network with STP's in Old Kannur Municipal Area - Decision on Tender excess of 19.92%.	The 27 th SHPSC noted that the network and road restoration are part of the same project (same project ID) and hence overall expenditure is well within the AS amount. In case of any additional fund requirement, the Municipality has to bear 50% of the same. Action Taken: G.O was issued. Agreement for the work was executed.	Noted
2.2.4: Decision on Tender Excess: Kozhikode Corporation – Sewerage Sector – Decentralized Sewerage Treatment Plant and associated sewerage network for Zone-A. 2.2.4.1: Sub-work - 48 km associated network for Zone-A for 7 MLD STP – Approval of Tender excess of 30%. 2.2.4.2: Sub-work - 50 km associated network for Zone-A for 6 MLD STP – Approval of Tender excess of 30%.	The 27 th SHPSC decided to approve the 30% tender excess (additional amount required – Rs.11.72 Cr.) of the sub-work & revision of AS subject to approval of Municipal Council for tender excess & for meeting 50% of cost due to tender excess. The 27 th SHPSC decided to approve the 30% tender excess (additional amount required – Rs.11.78 Cr.) of the sub-work & revision of AS subject to approval of Municipal Council for tender excess & for meeting 50% of cost due to tender excess. The Committee decided to recommend the revision of AS for the main work for Rs.140 Cr. from Rs.116.50 Cr. Action Taken: G.O was issued. Agreements were executed.	The SE, Kozhikode Corporation reported that primary investigation has been completed. In reply to the question asked by the Chair, the SE, Kozhikode Corporation informed that 25% of ULB's population will be covered by these two STPs.
2.2.5: Palakkad Municipality – Request for Cancellation of Works:	The 27 th SHPSC expressed strong displeasure on the decision taken by the Municipality to cancel the work as no effort was taken by the ULB officials to cancel the work & take up other works at an earlier stage. The Chair informed that liability has to	The Secretary, Palakkad Municipality reported that for initiating action a report is awaited from

	<p>be fixed on the Consultants, who prepared the DPR and disciplinary action to be taken against officials responsible in proposing the works in private property.</p> <p>The Committee decided to cancel the said works subject to above conditions.</p> <p>Action Taken: G.O was issued.</p>	<p>the ULB's Engineering Wing.</p> <p>The Chair expressed displeasure over the delay in issuing show-cause notice to the responsible officers even after the SHPSC has taken a clear cut decision in February 2021. The Secretary was directed to initiate action in this regard and to report within a week.</p>
<p>2.2.6: AS Revision Due to Additional Works: Kannur Corporation – Park Project – Revised AS for Development of Chelora Park - Revision of AS to Rs.1.50 Cr.</p>	<p>The 27th SHPSC decided to accord sanction to revise the AS of the work to Rs.1.50 Cr. from Rs.1.40 Cr. subject to the condition that the Corporation bears the extra cost of Rs.10 Lakh.</p> <p>Action Taken: G.O was issued.</p>	<p>Noted</p>

Agenda Item No.3: PROGRESS ACHIEVED SINCE 20th SLTC HELD ON 17th February 2021 (As On 20.07.2021)

CITY WISE													
City	Total Project		AS Accorded		TS Issued		Tendered		Work Awarded		Work Completed	Expenditure	
	Nos.	SAAP Cost	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	%
Trivandrum	270	357.50	270	360.12	270	331.24	270	331.24	263	317.04	225	185.44	51.49%
Thrissur	109	269.93	109	259.62	108	238.05	108	238.05	107	191.75	75	128.52	49.50%
Palakkad	150	221.75	150	220.02	150	202.11	150	198.32	149	168.10	101	121.25	55.11%
Kozhikode	50	274.76	50	284.64	50	283.95	50	278.72	50	278.72	41	110.41	38.79%
Kannur	38	225.72	38	225.65	38	200.21	38	200.21	38	197.21	24	136.91	60.67%
Kollam	58	253.45	58	206.69	58	203.51	58	203.51	55	177.12	31	56.24	27.21%
Kochi	98	328.78	98	272.06	98	264.46	98	264.46	95	216.23	70	129.11	47.46%
Guruvayur	34	203.10	34	218.30	33	213.71	33	213.71	33	213.71	11	132.41	60.65%
Alappuzha	195	222.70	195	219.68	192	214.62	192	214.62	187	209.45	127	150.36	68.44%
Grand Total	1002	2357.69	1002	2266.78	997	2151.85	997	2142.83	977	1969.33	705	1150.63	50.76%

SECTOR WISE													
Sector	Total Project		AS Accorded		TS Issued		Tendered		Work Awarded		Work Completed	Expenditure	
	Nos.	SAAP Cost	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	(Nos)	Amount	%
Water Supply	175	1082.98	175	1124.57	173	1093.62	173	1088.39	170	1042.11	109	750.40	66.73%
Sewerage	137	628.87	137	537.01	134	475.44	134	473.70	120	372.47	82	74.96	13.96%
Storm Water Drainage	496	385.21	496	356.76	496	347.18	496	347.18	495	333.70	413	223.89	62.76%
Urban Transport	122	212.04	122	202.04	122	189.97	122	188.07	120	177.81	62	79.03	39.11%
Parks	72	48.59	72	46.40	72	45.64	72	45.49	72	43.22	39	22.35	48.17%
Grand Total	1002	2357.69	1002	2266.78	997	2151.85	997	2142.83	977	1969.33	705	1150.63	50.76%

KWA & ULB CONSOLIDATION

Implementing Agency	Sector	Total Projects Incl. Sub	AS Accorded		TS Issued		Tendered		Work Awarded		Work Completed		Work not started		Total Expenditure	Expenditure %
			No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount		
KWA	Water Supply	165	165	1,103.54	164	1,077.33	164	1,072.10	161	1,026.00	109	273.41	1	0.67	749.01	67.87
	Sewerage	117	117	224.67	117	199.64	117	199.64	110	200.40	82	16.64	4	14.96	74.96	33.36
KWA -Total		282	282	1,328.21	281	1,276.97	281	1,271.74	271	1,226.40	191	290.05	5	15.63	823.97	62.04
ULB	Water Supply	10	10	21.03	9	16.29	9	16.29	9	16.11	0	0.00	4	4.91	1.40	6.63
	Sewerage / Septage	20	20	312.34	17	275.80	17	274.06	10	172.07	0	0.00	5	39.98	0.00	0.00
	Storm Water Drainage	496	496	356.76	496	347.18	496	347.18	495	333.70	413	165.54	1	0.74	223.89	62.76
	Urban Transport	122	122	202.04	122	189.97	122	188.07	120	177.81	62	38.78	5	12.80	79.03	39.11

	Green Spaces & Parks	72	72	46.40	72	45.64	72	45.49	72	43.22	39	15.75	0	0.00	22.35	48.17
ULB –Total		720	720	938.58	716	874.88	716	871.09	706	742.92	514	220.07	15	58.43	326.67	34.80
Grand Total		1002	1002	2,266.78	997	2,151.84	997	2,142.82	977	1,969.33	705	510.12	20	74.06	1150.63	50.76

Decision: The Mission Director briefed the progress of AMRUT works as well as the City-wise and Agency-wise expenditures. The Chair took note of the progress achieved and expressed concern regarding the not awarded works (20 Works - 10 KWA works & 10 ULB works) and awarded but not started works (20 Works - 5 KWA works & 15 ULB works). The Chair also expressed concern regarding the nil expenditure in SEW Sector works being implemented by the ULBs.

The Managing Director, KWA informed that certain KWA works are still not awarded as either no bid is received or high bids are received while floating tenders as still DSR-2016 rates are being followed. This is expected to change when the DSR-2018 rates are approved by the Govt. Thenot started KWA work under WS Sector (“*Supply and installation of smart meters (Phase-II)*”- Thiruvananthapuram) has been started recently and all efforts are being taken to start the not started KWA works under SEW Sector at the earliest.

The Mission Director informed that the progress of SEW sector works being implemented by the ULBs are hampered due to public protests, land issues, delay in getting statutory clearances from various Govt. agencies, delay in awarding works etc.

Agenda Item No.4: PROJECTS BEING IMPLEMENTED BY KWA

Agenda Item No.4.1: AS Revision – SEW / SEP Sector – Thiruvananthapuram Corporation – Supplying and laying transmission main in Block-K (Akkulam) to connect stilling chamber at bypass Junction to pumping station at Akkulam – Collection and conveyance system:

Details of Work	Reason	Source of Fund
<p>Work: Supplying and laying Transmission main in Block-K (Akkulam) to connect Stilling chamber at bye-pass junction to Pumping station at Akkulam. Collection and conveyance system.</p> <ul style="list-style-type: none"> • SAAP: 2017-18 • AS Details: G.O (Rt) No. 3530/ 2017/ LSGD dated 02/11/2017 for Rs.7.00 Cr. • TS Amount: Rs.6.90 Cr. <p>Total Additional Amount Required: Rs.3.03 Cr. Revised AS Amount Requested: Rs.10.03 Cr.</p> <p>The Managing Director, KWA vide letter No. KWA/ JB/ P1/ 675/ 2015-16/ Part-1/ Vol II dated 23.04.2021 (Annexure-2) requested for revision of AS for the work.</p> <p>Council Decision: The Council approved the revision of AS vide resolution No. E7/ E13/ 133186/ 15/ I dated 21/06/2021 (Annexure-3).</p>	<p>KWA reported that the amount for road restoration sanctioned in TS is Rs.16,87,799 but as per actual site conditions, Rs.3.74 Cr. is required for road restoration. At present the work is 37% completed.</p> <ul style="list-style-type: none"> • Road Restoration Charges sanctioned in TS: Rs.0.17 Cr. • Tendered PAC: Rs.6.73 Cr. (DSR-2016) • Lowest Quote: Rs.6.29 Cr. • Tender Savings: Rs.0.44 Cr. (6.49 % below Tendered PAC) • Road Restoration Charges incurred in actual: Rs.3.74 Cr. <p>Total Additional Amount Required: Rs.3.03 Cr. Revised AS Amount Requested: Rs.10.03 Cr.</p>	<p>Savings of Rs.3.03 Cr. from 18 completed SWD projects.</p> <p>AS Details: GO (Rt) No. 5/ 2018/ LSGD dated 01.01.18 for Rs.19.09 Cr.</p> <p>Savings from actual execution: Rs.3.03 Cr.</p>

Deliberations: MD, KWA informed that road restoration provision in the original estimate was insufficient and increased due to the actual requirement.

Decision: **The Committee decided to recommend the revision of AS for an amount of Rs.10.03 Cr., due to additional cost for road restoration (Rs.3.03 Cr.), to the SHPSC.**

Agenda Item No.4.2: Ratification of 38% Tender Excess Approved by KWA for Two Sub-works – SEW / SEP Sector – Thiruvananthapuram Corporation – Providing new network in the missing areas of the core city in Thiruvananthapuram:

- 1) Tss - E Block Zone II - Laying 700mm dia sewer main from Jagathy towards common manhole at Vivekananda Nagar Ist Reach Ch: 0m to 259m.
- 2) Tss - E Block Zone II - Laying 700mm dia sewer main from Jagathy towards common manhole at Vivekananda Nagar IInd Reach Ch: 259m to 512m.

Details of Work	Reason	Source of Fund
<p>Work: Providing new network in the missing areas of the core city in Thiruvananthapuram has 14 sub-works. Out of this 10 sub-works completed. The following two sub-works were clubbed and tendered:</p> <ol style="list-style-type: none"> 1) TSS - E Block Zone II - Laying 700mm dia sewer main from Jagathy towards common manhole at Vivekananda Nagar Ist Reach Ch 0m to 259m. 2) TSS - E Block Zone II - Laying 700mm dia sewer main from Jagathy towards common 	<p>KWA reported that the work was tendered four times. No offers were received in the first 3 calls. In the 4th call (2nd tender-RT-1), single offer was received from Sri. Mohammed Kunhi for Rs.1.42 Cr., which is 38% above the tendered PAC and 36.5 % above LMR of Rs.1.04 Cr. At present the work is 88% completed.</p> <p>The work was awarded with high tender excess due to the following facts:</p>	<p>Additional cost of Rs.0.39 Cr. Can be met from the savings in the same project.</p>

<p>manhole at Vivekananda Nagar IInd Reach Ch 259m to 512m.</p> <ul style="list-style-type: none"> • SAAP: 2016-17 • AS Details: G.O (Rt) No. 3530/ 2017/ LSGD dated 02/11/2017 for Rs.7.98 Cr. <p>Two sub-works:</p> <ul style="list-style-type: none"> • Apportioned Cost: Rs.1.90 Cr. • TS Amount: Rs.1.215 Cr. • Tendered PAC: Rs.1.03Cr. (DSR-2016) • Lowest Quote: Rs.1.42 Cr. • Tender Excess: Rs.0.39 Cr. excess of 38 % above TPAC and 36.5 % above LMR of Rs.1.04 Cr. <p>Additional Amount due to Tender Excess: Rs.0.39 Cr.</p> <p>KWA Board in its 408th Meeting held on 12/02/2019 (Annexure-4) accorded sanction to award the work to Sri. Mohammed Kunhi for Rs.1.42 Cr., which is 38% above the Tendered PAC.</p> <p>Council Decision: The Council approved the revision of AS vide resolution No. E7/ E13/ 133186/ 15/ II dated 21/06/2021 (Annexure-3).</p>	<ol style="list-style-type: none"> 1) The scheme was started in 1996. Around 25 km sewer line is laid and ready for commissioning. Once the scheme is completed, it will benefit around 30,000 people and 5 MLD sewage can be collected, conveyed and transmitted to Muttathara 107 MLD STP. 2) A suo-moto case was registered by Hon' Lok Ayukta due to inordinate delay in completion of the project. Hon' Lok Ayukta has also given strict direction to expedite all the works. 3) This work had also gathered attention (with respect to delay) in the Chief Minister's Sutharya Keralam Programme. 4) The depth of open cut at this area is up to 10 m and the water table is high. 5) A key portion of road is very narrow and has many buildings on either side. 6) This work was tendered many times since 2000 and no competitive offers were received. 	
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Deliberation: The MD, KWA informed that the tender excess was admitted by KWA due to difficulties encountered in executing sewerage works like narrow roads, traffic, very loose soil, requirement of deep trenches, presence of many utilities in the ground, presence of buildings near the trenches, high water table etc. Tender excess for similar works were discussed in detail and approved by the previous SHPSCs. The works are nearing completion.

Decision: The Committee decided to recommend to ratify the action taken by KWA, in approving 38% tender excess (Rs.0.39 Cr.) for two sub works, to SHPSC subject to the condition that 50% of cost due to tender excess shall be met by the ULB and balance 50% shall be met by the State.

Agenda Item No.4.3: Request to Take Note of the Action Taken by KWA to Terminate the Original Contract & Retender the Balance Work and Revision of AS – Water Supply Sector – Kollam Corporation – Augmentation of Water Supply Scheme to Kollam Corporation– Sub-work: Construction of Weir at Njankadavu:

Details of Work	Reason	Source of Fund
<p>Work: Kollam Corporation – Augmentation of Water Supply Scheme to Kollam Corporation.</p> <p>Sub-work: Construction of Weir at Njankadavu.</p> <ul style="list-style-type: none"> • SAAP: 2016-17 • AS Details: G.O (Rt) No. 3170/ 2017/ LSGD dated 28/09/17 for Rs.78.35 Cr. • Revised AS Details: G.O (Rt) No. 31/ 2020/ LSGD dated 03/01/20 for 	<p>The Secretary, Kollam Corporation reported vide, Letter No. CSSSI/ 48036/ 15 dated 02.07.2021 (Annexure-5) as follows: "AWSS to Kollam Corporation" is intended to provide potable water to Kollam Corporation. The project is proposed in two phases. Phase I under AMRUT and phase II under KIIFB. The Administrative Sanction for AMRUT - Phase I was obtained vide G.O(Rt.)No.3170/2017 /LSGD dated 28.09.2017 for Rs.78.35Cr. There are 6 components, which includes, Construction of weir across Kallada river, 12.0 m dia well at Njankadavu, 100 MLD Water Treatment plant at Vasoorchira, Transformer Room, Providing Clear water pump sets etc. For the construction of weir at Njankadavu, a lump sum provision of 15.0 Cr was provided in the DPR estimate of Rs.78.35 Cr. in</p>	<p>Savings in the project and Corporation fund.</p>

<p>Rs.92.08 Cr.</p> <ul style="list-style-type: none"> • There are 6 components. • Apportioned Cost for the Weir: Rs.25.856 Cr. <p>Now the Secretary (Annexure-5) and MD, KWA (Annexure-6) reported that revision of AS is required due to additional works necessitated in the Sub-work: "Construction of Weir at Njankadavu".</p> <ul style="list-style-type: none"> • Apportioned Amount for the Weir: Rs.25.856 Cr. • Revised Cost of Weir: Rs.33.756 Cr. • Survey Equipment, Miscellaneous: Rs.0.10 Cr. • Excess Amount: 33.756 - 25.856 + 0.1 = Rs.8.0 Cr. • Revised AS Required: 92.08 + 8.0 = Rs.100.08 Cr. <p>Core Committee Decision: The AMRUT Core Committee meeting held on 23.06.2021 (Annexure-8) chaired by the Hon' Mayor approved the proposal and decided to place the proposal in the SLTC for approval.</p>	<p>consultation with Irrigation Department and also based on the Administrative Sanction accorded for nearby weir at Kadapuzha at the downstream side of the present location of Njankadavu weir. The work including investigation, design and execution was then entrusted to Irrigation Department. They had submitted an estimate of Rs.25.856 Cr. for Civil, Mechanical and Electrical parts of the weir. This necessitated revision in the Administrative Sanction and accordingly the administrative sanction was revised vide G.O (Rt.) No. 31/ 2020/ LSGD dated 03.01.2020 for Rs.92.08 Cr. and consequently Technical Sanction was accorded for the construction of weir vide TS No. KWA/ CE (SR)/ PHO/ 392/ 2016 (Part IV) dated 04.09.2019 for Rs.25.856Cr. Now the Superintending Engineer, KWA vide letter KWA/ PHC/ Q/ DB5-2796/ 2016 Vol-II (AMRUT-WEIR) dated 30.06.2021 (Annexure-7) requested for the revision of the Administrative Sanction to Rs.100.08 Cr.</p> <p>The work was awarded to M/s. Paulose George Construction Co. (P) Ltd., Engineers and Contractors, Aiswarya Towers, Karimugal (PO), Ernakulam and the Agreement was executed vide Agreement No.04/ 2020-21/ SE/ Q dated 04.06.2020. During the commencement of the work, the initial level of was taken and it was noted that depth of water was up to 9 m in the centre portion for a width of 60 m. A ring bund up to a depth of 9 m is required at site in the centre portion instead of 4 m envisaged earlier for the satisfactory completion of the work. As such Irrigation department had forwarded a proposal amounting to Rs.198 Lakh against the original provision of Rs.76.42 Lakh for the ring bund. The Contractor expressed his inability to carry out the work viz. putting up ring bund with sheet pile at the sanctioned rate. The matter was brought to the notice of the ACS (WRD) and he called a meeting of officials of Irrigation, KWA and AMRUT on 26.02.2021. It was decided in the meeting to issue a final notice to the Contractor to accept the departmental rate otherwise the contract shall be cancelled. Accordingly, the final notice was served to the Contractor. The Contractor expressed his unwillingness and hence the contract was cancelled by the KWA on 29.03.2021. The Chief Engineer (Irrigation & Administration) has submitted a revised estimate amounting to Rs.33.75 Cr. in place of the original estimate amount of Rs.25.85 Cr. The increase in cost is in Civil works due to the provision of 9 m high ring bund, change in foundation design of side wall protection work and the additional components suggested by the Chief Technical Examiner during his inspection at the site on 10.11.2020 and no change in mechanical and electrical components. Now the total cost of the project including all components comes to Rs.100.08 Cr. against the approved AS amount of Rs.92.08 Cr. Since the total cost exceeds the existing AS provisions of the project "AWSS to Kollam corporation" it is mandatory to get revised Administrative Sanction for Rs.100.08 Cr. It is also reported that there are savings in other components of the main project "AWSS to Kollam Corporation" which can be utilized for this work and hence no additional financial commitment. The Core Committee for AMRUT dated 23.06.2021 approved the same and recommended for Council approval. Council approval is awaited.</p>	
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Deliberations: The MD, KWA and EE, KWA, Kollam explained as follows:

There are six components in this work package. There is overall savings in the work package and the same can be used to meet the additional cost due to estimate revision of above-mentioned sub component.

The MD, KWA also explained in details regarding the necessity of estimate revision.

The MD, AMRUT informed that the consent of the Corporation Council is mandatory since this requires AS revision and the same was received yesterday.

Decision: The Committee decided to recommend the decision taken by KWA in terminating the Original Contract, arranging the balance work and revision of AS to Rs.100.08 Cr. from Rs.92.08 Cr. subject to the condition that the additional amount required for the revision of AS shall be met from the savings in the same sector and deficit if any shall be met by Kollam Corporation from their own fund.

Agenda Item No.4.4: Cancellation of Work – Water Supply Sector – Kollam Corporation – Augmentation of Water Supply Scheme to Kollam Corporation – Cancellation of the Sub-work, Clear Water Pumping main from WTP to 20LL OHSR at TP using 350mm DI K9 and executing it as a part of another sub work:

Details of Work	Reason	Source of Fund
<p>Work: Kollam Corporation – Augmentation of Water Supply Scheme to Kollam Corporation.</p> <p>Sub-work: Clear Water Pumping main from WTP to 20LL OHSR at TP using 350mm DI K9.</p> <ul style="list-style-type: none"> • SAAP: 2016-17 • Main AS Amount: Rs.92.08 Cr. • Apportion Cost of the Sub-work: Rs.0.099 Cr. <p>Core Committee Decision: The AMRUT Core Committee meeting held on 23.06.2021 (Annexure-8) chaired by the Hon' Mayor approved the proposal and decided to place the proposal in the SLTC for approval.</p>	<p>The Secretary, Kollam Corporation reported, vide Letter No. CSSSI/ 48036/ 15 dated 02.07.2021 (Annexure-5) as follows: This project has been tendered 7 times but no bidders participated. This is the line connecting the Water Treatment Plant (WTP) and the 20 LL OHSR at the WTP site which is being constructed under KIIFB. The WTP construction is in progress now and is expected to be completed by 31.03.2021. This 350 mm dia. DI pipeline could be completed on completion of the WTP only and that is why bidders are not participating now and the project is remaining 'not awarded' and could be remaining not awarded until the WTP is completed. This projects estimate is Rs.0.099 Cr only and could be completed as a component of the WTP with the same contractor at the finishing stage of WTP. Hence the SE, KWA has requested to take necessary steps to cancel this project and to get it executed as a part of a sub-work namely, "Design, Construction, Commissioning and Maintenance of 100 MLD WTP at Vasoorichira". The Core Committee for AMRUT has approved the same and recommended for Council approval. Council approval is awaited.</p>	<p>Being same AS, no additional financial commitment.</p>

Deliberation: The Secretary, Kollam Corporation informed that the Council vide Resolution No. 6 dated 16.07.2021 approved the proposal to cancel the above-mentioned sub-work and include the same in 100 MLD WTP work.

Decision: The Committee decided to recommend to SHPSC to cancel the sub-work "Clear Water Pumping main from WTP to 20LL OHSR at TP using 350mm DI K9" and execute it as part of the sub-work "Design, Construction, Commissioning and Maintenance of 100 MLD WTP at Vasoorichira".

Agenda Item No.4.5: Permission to Carry Out Additional Works & AS Revision – Water Supply Sector – Kochi Corporation – Construction of 17 LL OHSR and CWR at Pachalam:

Details of Work	Reason	Source of Fund
<p>Work: Water Supply Sector – Kochi Corporation – Construction of 17 LL OHSR and CWR at Pachalam.</p> <ul style="list-style-type: none"> • SAAP: 2016-17 • AS Details: G.O (Rt) No. 3166/ 2017/ LSGD dated 27/09/2017 for Rs.7.75 Cr. <p>The KWA had reported that revision of AS is</p>	<p>The Managing Director, KWA had reported, vide Letter No. KWA/ JB/ P3/ 58/ 2017 dated 15/02/2021 (Annexure-9) that revision of AS is required due to the tender excess & additional works to be done.</p> <ul style="list-style-type: none"> • The work is in good progress. 29% of work has been completed. • 12% GST has to be paid to the Contractor. 	<p>The KWA reported vide Letter No. KWA/ JB/ P3/ 58/ 2017 dated 15.02.2021 (Annexure-9) that there is a saving of Rs.13.91 Cr. in the Water Supply Sector AMRUT works of Kochi Corporation. The excess due to additional works can be met from the savings.</p>

<p>required due to the tender excess & additional works to be done.</p> <ul style="list-style-type: none"> • AS Amount: Rs.7.75 Cr. • Tendered PAC: Rs.6.722 Cr. • Tender Excess: Rs.0.278Cr. • Agreed PAC: (4.13% above Tendered PAC): Rs.7.0 Cr. (DSR-2016) • GST (12% of Rs.7.0 Cr.): Rs.0.84 Cr. • Additional Works: Pump Sets (2nos. – 75 HP), pump house and transformer – Rs.0.70 Cr. • Total: Rs.8.54 Cr. (10.19% excess over original AS) <p>Revised AS Required: Rs.8.54 Cr.</p> <p>Council Decision: The Council vide Resolution No. CoC/ AMRUT/ KWA/ 01/ 2017 dated 23.06.2021 (Annexure-10) approved the proposal and decided to place the proposal in the SLTC for approval.</p>	<ul style="list-style-type: none"> • 2 nos. of 75 HP pump sets, pump house and transformer are additionally required. <p>The Council vide Resolution No. CoC/ AMRUT/ KWA/ 01/ 2017 dated 23.06.2021 (Annexure-10) approved the proposal and decided to place the proposal in the SLTC for approval.</p>	
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Deliberations: The MD, KWA and the SE, KWA, Kochi informed that the additional works can be done only after the completion of OHSR work. Moreover, the additional works are inevitable to achieve the goal of the scheme.

The MD, AMRUT opined that it is better to float separate tenders for the additional works.

Decision: The Committee decided to recommend to SHPSC to accord sanction to execute additional works such as 2 nos. of 75 HP pump sets, pump house & transformer and revision of AS of the work to Rs.8.54 Cr. from Rs.7.75 Cr. subject to the following conditions:

- 1) 50% of tender excess shall be met by the ULB & the balance 50% shall be met by the State.
- 2) The financial commitment due to additional works shall be met from the savings in the same sector.

Agenda Item No.4.6: Permission to Carry Out Additional Works & AS Revision – Water Supply Sector – Kochi Corporation – Construction of 40 LL OHSR at Kaloor:

Details of Work	Reason	Source of Fund
<p>Work: Water Supply Sector – Kochi Corporation – Construction of 40 LL OHSR at Kaloor.</p> <ul style="list-style-type: none"> • SAAP: 2017-18 • AS Details: G.O (Rt) No.: 3530/ 2017/ LSGD dated 02/11/2017 for Rs.15.0 Cr. <p>The KWA had reported that revision of AS is required due to additional works to be done.</p> <ul style="list-style-type: none"> • AS Amount: Rs.15.0 Cr. • Tendered PAC: Rs.14.85 Cr. • Tender Variation: (-) Rs.0.98Cr. • Agreed PAC: (6.6% below Tendered PAC): Rs.13.87 Cr. (DSR-2016) • Additional Works: incoming line, 	<p>The Managing Director, KWA had reported, vide Letter No. KWA/ JB/ P3/ 58/ 2017 dated 15/02/2021 (Annexure-9) that revision of AS is required due to the additional works to be done.</p> <ul style="list-style-type: none"> • The work is in good progress. 40% of work has been completed. • 1200 mm dia. Incoming line, 3 nos. of 115 HP pump sets, pump house and transformer are additionally required. <p>The Council vide Resolution No. CoC/ AMRUT/ KWA/ 01/ 2017 dated 23.06.2021 (Annexure-10) approved the proposal and decided to place the proposal in the SLTC for approval.</p>	<p>The KWA reported vide Letter No. KWA/ JB/ P3/ 58/ 2017 dated 15.02.2021 (Annexure-9) that there is a saving of Rs.13.91 Cr. in the Water Supply Sector AMRUT works of Kochi Corporation. The excess due to additional works can be met from the savings.</p>

<p>pump sets, pump house and transformer – Rs.10.40 Cr.</p> <ul style="list-style-type: none"> • Total: Rs.24.27 Cr. (61.8% excess over original AS) <p>Revised AS Required: Rs.24.27 Cr.</p> <p>Council Decision: The Council vide Resolution No. CoC/ AMRUT/ KWA/ 01/ 2017 dated 23.06.2021 (Annexure-10) approved the proposal and decided to place the proposal in the SLTC for approval.</p>		
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Deliberations: The MD, KWA and the SE, KWA, Kochi informed that the additional works can be done only after the completion of OHSR work. Moreover, the additional works are inevitable to achieve the goal of the scheme.

The MD, AMRUT opined that it is better to float separate tenders for the additional works.

Decision: The Committee decided to recommend to SHPSC to accord sanction to execute additional works such as incoming line, 3 nos. of 115 HP pump sets, pump house & transformer and revision of AS of the work to Rs.24.27 Cr. from Rs.15.0 Cr. subject to the condition that the financial commitment due to the additional works shall be met from the savings in the same sector.

Agenda Item No.4.7: Permission to Carry Out Additional Works – Water Supply Sector – Kochi Corporation – Construction of 25 LL OHSR at Karuvelippady:

Details of Work	Reason	Source of Fund
<p>Work: Water Supply Sector – Kochi Corporation – Construction of 25 LL OHSR at Karuvelippady.</p> <ul style="list-style-type: none"> • SAAP: 2017-18 • AS Details: G.O (Rt) No: 3530/ 2017/ LSGD dated 02/11/2017 for Rs.11.65 Cr. <p>The KWA had reported that revision of AS is required due to additional works to be done.</p> <ul style="list-style-type: none"> • AS Amount: Rs.11.65 Cr. • Tendered PAC: Rs.8.44 Cr. • Tender Variation: (-) Rs.0.10Cr. • Agreed PAC: (1.16% below Tendered PAC): Rs.8.34 Cr. (DSR-2016) • Additional Works: 3 nos. of 40 HP Pump Sets, Pump House and Transformer – Rs.0.70 Cr. • Total: Rs.9.04Cr. (22.40% below the original AS) <p>Council Decision: The Council vide Resolution No. CoC/ AMRUT/ KWA/ 01/ 2017 dated 23.06.2021 (Annexure-10) approved the proposal and decided to place the proposal in the SLTC for approval.</p>	<p>The Managing Director, KWA had reported, vide Letter No. KWA/ JB/ P3/ 58/ 2017 dated 15/02/2021 (Annexure-9) that the work is in good progress and 13% of work has been completed. The following additional works are to be done and are outside the scope of the original work.</p> <ul style="list-style-type: none"> • 3 nos. of 40 HP Pump Sets • Pump House • Transformer <p>The Council vide Resolution No. CoC/ AMRUT/ KWA/ 01/ 2017 dated 23.06.2021 (Annexure-10) approved the proposal and decided to place the proposal in the SLTC for approval.</p>	No additional fund requirement.

Deliberations: The MD, KWA and the SE, KWA, Kochi informed that the additional works can be done only after the completion of OHSR work. Moreover, the additional works are inevitable to achieve the goal of the scheme.

The MD, AMRUT opined that it is better to float separate tenders for the additional works.

Decision: The Committee decided to recommend to SHPSC to accord sanction to execute additional works such as 3nos. of 40 HP pump sets, pump house and transformer.

Agenda Item No.4.8: Permission to Carry Out Additional Works & AS Revision – Water Supply Sector – Kochi Corporation – Laying of 500 mm DI line from Pump House at Thammanam to OHSR at Kadavanthara:

Details of Work	Reason	Source of Fund
<p>Work: Water Supply Sector – Kochi Corporation– Laying of 500 mm DI line from Pump House at Thammanam to OHSR at Kadavanthara.</p> <ul style="list-style-type: none"> • SAAP: 2016-17 • Original AS Details: G.O (Rt) No. 3530/ 2017/ LSGD dated 02/11/2017 for Rs.7.65 Cr. • Revised AS Details: G.O (Rt) No. 36/ 2020/ LSGD dated 04/01/2020 for Rs.7.76 Cr. <p>The KWA had reported that revision of AS is required due to additional works to be done.</p> <ul style="list-style-type: none"> • Revised AS Amount: Rs.7.76 Cr. • Tendered PAC: Rs.3.893 Cr. • Tender Variation: (+) Rs.0.327Cr. • Agreed PAC: (8.4% above Tendered PAC): Rs.4.22 Cr. (DSR-2016) • Road Restoration: Rs.3.30 Cr. • Additional Works: 2nos. of 135 HP Pump Sets and Transformer – Rs.0.75 Cr. • Total:Rs.8.27 Cr. (6.57% excess over original AS) <p>Revised AS Required: Rs.8.27 Cr.</p> <p>Council Decision: The Council vide Resolution No. CoC/ AMRUT/ KWA/ 01/ 2017 dated 23.06.2021 (Annexure-10) approved the proposal and decided to place the proposal in the SLTC for approval.</p>	<p>The Managing Director, KWA had reported vide Letter No. KWA/ JB/ P3/ 58/ 2017 dated 15/02/2021 (Annexure-9) that revision of AS is required due to the additional works to be done.</p> <ul style="list-style-type: none"> • The work is in good progress. 99% of work has been completed. • 2 nos. of 135 HP pump sets and transformer are additionally required. 	<p>The KWA reported vide Letter No. KWA/ JB/ P3/ 58/ 2017 dated 15.02.2021 (Annexure-9) that there is a saving of Rs.13.91 Cr. in the Water Supply Sector AMRUT works of Kochi Corporation. The excess due to additional works can be met from the savings.</p>

Deliberations: The MD, KWA and the SE, KWA, Kochi informed that the additional works can be done only after the completion of pipeline laying. Moreover, the additional works are inevitable to achieve the goal of the scheme.

The MD, AMRUT opined that it is better to float separate tenders for the additional works.

Decision: The Committee decided to recommend to SHPSC to accord sanction to execute additional works such as 2 nos. of 135 HP pump sets & transformer and the revision of AS of the work to Rs.8.27 Cr. from Rs.7.76 Cr. subject to the following conditions:

(1) 50% of tender excess shall be met by the ULB & the balance 50% shall be met by the State.

- (2) The financial commitment due to additional works shall be met from the savings in the same sector.

Agenda Item No.4.9: Permission to Pre-close the Existing Contract and Rearrange the Balance Work – Water Supply Sector – Kochi Corporation – Laying of 400 mm DI K9 pipeline from Perumanoor to Ravipuram for a length of 1270 m:

Details of Work	Reason	Source of Fund
<p>Work: Water Supply Sector – Kochi Corporation – Laying of 400 mm DI K9 pipeline from Perumanoor to Ravipuram for a length of 1270 m.</p> <ul style="list-style-type: none"> • SAAP: 2017-18 • AS Details: G.O (Rt) No. 3530/2017/ LSGD dated 02/11/2017 for Rs.4.40 Cr. • Agreed PAC: (2.96% above Tendered PAC): Rs.1.387 Cr. (DSR-2016) • Road Restoration: Rs.0.83 Cr. • Additional Works: Filling and Construction of drain - Rs.0.10 Cr. <p>Council Decision: The Council vide Resolution No. CoC/ AMRUT/ KWA/ 01/ 2017 dated 23.06.2021 (Annexure-10) approved the proposal and decided to place the proposal in the SLTC for approval.</p>	<p>The Managing Director, KWA had reported, vide Letter No. KWA/ JB/ P3/ 58/ 2017 dated 15/02/2021(Annexure-9)as follows:</p> <ul style="list-style-type: none"> • The work order was issued on 23/06/2018. 26 % work has been completed. The work was stopped by the then Hon' Mayor on 06/05/2019. Now the Contractor expressed his unwillingness to resume the work as the Agreement period expired 30 months back. • Hence the present Agreement has to be closed and the work has to be rearranged. • The site is water logged. Hence raising of the plot and construction of drains are inevitable. 	<p>No additional fund required.</p>

Deliberations: The Superintending Engineer, KWA, Kochi informed that the work was initially stopped by the Hon. Mayor due to local issues. The issues are settled now. But the Contractor is not willing to carry out the work at his quoted rate and approached the Hon. Court to exempt him from doing the balance work. Hence the work has to be pre-closed and rearranged. The additional cost due to rearrangement can be assessed later only.

Decision: The Committee decided to make the following recommendations to SHPSC:

- Pre-closure of present Contract and rearranging of balance work.**
- According sanction to execute additional works such as construction of drain & earth filling.**

Agenda Item No.4.10: AS Revision – Thrissur Corporation – Water Supply Sector Work:

Details of Work	Reason for AS Revision	Source of Fund
<p>Work: Replacement of very old 80/ 100/ 125/ 300 mm AC pipes with 160 mm PVC & 200/ 300 mm DI pipes at various places in Thrissur Corporation (SAAP 2016-17).</p> <p>AS Amount: Rs.12.950 Cr., vide GO (Rt) No. 3530/ 2017/ LSGD Dated 02.11.2017</p> <p>TS Amount: Rs.12.950 Cr.</p>	<p>Vide letter no. KWA/ JB/ P1/ 675/ 2015-16/ Part-1/ Vol II dated 23.04.2021 (Annexure-2) the KWA reported that AS revision is required for the work. As per the details provided by KWA (Annexure-11), additional amount is required due to tender excess. To meet the additional requirement AS has to be revised. The details are as shown below.</p> <p>Original Proposal:</p> <p>Tendered PAC (Main Work): Rs.7.692 Cr. (DSR-2016) – (a) Sub-work: AMRUT – 2016-17 – Replacement of old PREMO/ AC pipe in various places of Thrissur Corporation Phase-II – Balance Work – Pipe laying from Pallimoola Junction to AIR Junction in connection with BMBC work by PWD.</p> <p>Tendered PAC (Sub-work): Rs.0.192 Cr. – (b)</p>	<p>The KWA reported (Annexure-11) that the additional amount required can be met from the savings in the following Water Supply Sector works being executed by them under AMRUT in Thrissur Corporation. The details are as shown below.</p> <p>1) “Survey & replacement of faulty meters & pipelines and providing new water connections in Thrissur Corporation area”.</p> <p>Apportioned AS Amount: Rs.3</p>

Details of Work	Reason for AS Revision	Source of Fund
<p>TS No. TS/ CE/ CR/ KWA/ 52/ 17-18 Dated 15.12.2017</p> <p>Council Decision: The Council vide Resolution No. 41 dated 16.07.2021 approved the proposal for revising the AS (Annexure-12).</p>	<p>Survey Work: Rs.0.0596 Cr. – (c) Lump sum Amount: Rs.0.0087 Cr. – (d) Road Restoration / Utility Shifting Charge: Rs.4.998 Cr. – (e) Total: {a + b + c + d + e}: Rs.12.950 Cr. – (A)</p> <p>Revised Proposal: Awarded Amount: Rs.8.446 Cr. Tender Excess Amount (9.80 % above TPAC): Rs.0.754 Cr. – (g) GST for Tender Excess: Rs.0.0904 Cr. – (h) Actual Road Restoration / Utility Shifting Charge: Rs.4.998 Cr. Excess Road Restoration / Utility Shifting Charge: Nil Total Additional Amount Required:{g + h - d}: Rs.0.837 Cr. – (B)</p> <p>Revised AS Required: {A + B}: Rs.13.787 Cr., Say Rs.13.79 Cr.</p>	<p>Cr. [out of the AS Amount of Rs.8 Cr. approved vide GO (Rt) No. 1329/ 2016/ LSGD Dated 26.03.2016] Savings Available: Rs.0.75 Cr.</p> <p>2) “Renovation of existing damaged pump house in Thrissur Corporation”. AS Amount: Rs.0.55 Cr. [GO (Rt) No. 534/ 2017/ LSGD Dated 23.02.2017] Savings Available: Rs.0.202 Cr.</p> <p>Total Savings Available: Rs.0.952 Cr.</p> <p>The additional requirement of Rs.0.837 Cr. can be met from the available total savings of Rs.0.952 Cr. from the above-mentioned two works.</p>

Deliberation: The MD, KWA informed that additional amount required can be met from the savings available in KWA works of Thrissur Corporation.

The MD, AMRUT informed that the Committee that 50% of the cost due to tender excess will have to be borne by the Corporation and the balance 50% will have to be borne by the State.

The Secretary, Thrissur Corporation assured that the consent of the Council in this regard will be obtained.

Decision: The Committee decided to recommend the revision of AS of the work to Rs.13.79 Cr. from Rs.12.95 Cr., due to tender excess (9.8%), to the SHPSC subject to the following conditions:

- 50% of the tender excess shall be met by the ULB & the balance 50% shall be met by the State.
- The additional financial commitment shall be met from the available savings in the work namely “Renovation of existing damaged pump house in Thrissur Corporation” and in the sub-work namely “Survey & replacement of faulty meters & pipelines and providing new water connections in Thrissur Corporation area” [sub-work of the AS Amount of Rs.8 Cr. approved in the Water Supply Sector vide GO (Rt) No. 1329/2016/LSGD Dated 26.03.2016].

Agenda Item No.4.11: AS Revision – Thrissur Corporation – Water Supply Sector Work:

Details of Work	Reason for AS Revision	Source of Fund
<p>Work: Completion of on-going Schemes – UWSS to Ollur & Edakkunni Census Town Villages in Thrissur Corporation – Construction of 20LL capacity OHSR at Ollur & supplying, laying distribution lines &</p>	<p>Vide letter no. KWA/ JB/ P1/ 675/ 2015-16/ Part-I/ Vol II dated 23.04.2021 (Annexure-2) the KWA reported that AS revision is required for the work. As per the details provided by KWA (Annexure-11), additional amount is required due to increase in road restoration/ utility shifting charges, increase in the retaining wall quantity and tender excess. To meet the additional requirements AS has to be revised. The details are as shown below.</p>	<p>The KWA reported (Annexure-11) that the additional amount required can be met from the savings in the work namely, “Construction of 20 MLD WTP, Peechi, Thrissur Corporation (SAAP 2015-16 & SAAP 2016-17)”.The details are as shown below.</p>

Details of Work	Reason for AS Revision	Source of Fund
<p>construction of retaining wall at WTP, Arattupuzha (SAAP 2015-16).</p> <p>AS Amount: Rs.11.400 Cr., vide GO (Rt) No. 534/ 2017/ LSGD Dated 23.02.2017</p> <p>TS Amount: Rs.11.400 Cr. TS No. AMRUT/ TEC/ NR/ 3/ 2017 Dated 03.05.2017</p> <p>Council Decision: The Council vide Resolution No. 41 dated 16.07.2021 approved the proposal for revising the AS (Annexure-12).</p>	<p>Original Proposal: Tendered PAC: Rs.8.983 Cr. (DSR-2016) – (a) Road Restoration / Utility Shifting Charge: Rs.2.417 Cr. – (b) Total: {a + b}: Rs.11.400 Cr. – (A)</p> <p>Revised Proposal: Awarded Amount: Rs.9.249 Cr. – (c) Tender Excess Amount (2.96 % above TPAC): Rs.0.266 Cr. – (d) Actual Road Restoration / Utility Shifting Charge: Rs.4.223 Cr. – (e) Excess Road Restoration / Utility Charge: {e – b}: Rs.1.806 Cr. – (f) Retaining Wall Amount for Arattupuzha WTP as per Original AS: Rs.0.538 Cr. – (g) Actual Retaining Wall Amount for Arattupuzha WTP: Rs.0.922 Cr. – (h) Retaining Wall Amount for Ollur OHSR site as per Original AS: Nil Actual Retaining Wall Amount for Ollur OHSR site: Rs.0.104 Cr. – (i) Total Excess Retaining Wall Amount (Ollur OHSR & Arattupuzha WTP sites): {h + i – g}: Rs.0.488Cr. – (j) Total Additional Amount Required: {d + f + j}: Rs.2.560 Cr. – (B)</p> <p>Revised AS Required: {A + B}: Rs.13.960 Cr., Say Rs.13.96 Cr.</p>	<p>AS Amount: Rs.17.30 Cr. [GO (Rt) No. 3170/ 2017/ LSGD Dated 28.09.2017]</p> <p>This work has two sub-works.</p> <p>1) “Construction of 20 MLD WTP, Peechi, Thrissur Corporation Phase-I”. Apportioned AS Amount: Rs.12 Cr. Savings Available: Rs.1.94 Cr.</p> <p>2) “Construction of 20 MLD WTP, Peechi, Thrissur Corporation Phase-II”. Apportioned AS Amount: Rs.5.30 Cr. Savings Available: Rs.3.08 Cr.</p> <p>Total Savings Available: Rs.5.02Cr.</p> <p>The additional requirement of Rs.2.56 Cr. can be met from the available total savings of Rs.5.02 Cr. in the above-mentioned main work.</p>

Deliberation: The MD, KWA informed that additional amount required can be met from the savings available in KWA works of Thrissur Corporation.

The MD, AMRUT informed that the Committee that 50% of the cost due to tender excess will have to be borne by the Corporation and the balance 50% will have to be borne by the State.

The Secretary, Thrissur Corporation assured that the consent of the Council in this regard will be obtained.

Decision: The Committee decided to recommend the revision of AS of the work to Rs.13.96 Cr. from Rs.11.40 Cr., due to tender excess (2.96%), increase in the quantity of retaining wall & increase in road restoration / utility shifting charges, to SHPSC subject to the following conditions:

- (a) 50% of the tender excess shall be met by the ULB & the balance 50% shall be met by the State.
- (b) The additional financial commitment shall be met from the available savings in the work namely, “Construction of 20 MLD WTP, Peechi, Thrissur Corporation (SAAP 2015-16 & SAAP 2016-17)”.

Agenda Item No.4.12: AS Revision & Ratification of Tender Excess Approved by KWA – Thrissur Corporation – Water Supply Sector Work:

Details of Work	Reason for AS Revision	Source of Fund
<p>Work: AMRUT - Zoning & mapping of water supply system of Thrissur Corporation - Supply & laying of various diameter pipes – Part-I (SAAP 2017-18).</p> <p>AS Amount: Rs.8.000Cr., vide GO (Rt) No. 5/ 2018/ LSGD Dated 01.01.2018</p> <p>TS Amount: Rs.8.000 Cr. TS No. TS/ CE/ CR/ KWA/ 64/ 17-18 Dated 29.01.2018</p> <p>Council Decision: The Council vide Resolution No. 41 dated 16.07.2021 approved the proposal for revising the AS (Annexure-12).</p>	<p>Vide letter no. KWA/ JB/ P1/ 675/ 2015-16/ Part-1/ Vol II dated 23.04.2021 (Annexure-2) the KWA reported that AS revision is required for the work. As per the details provided by KWA (Annexure-11), additional amount is required due to tender excess. The work was tendered thrice but these tenders were cancelled as only one bid was received in the 1st tender, no bids were received in the 2nd tender and single bid was received in the 3rd tender but the same did not prequalify. After due deliberation the KWA Board (406th Meeting) vide Resolution No.10757 dated 15.10.2018 (Annexure-2) had approved the bid received with tender excess of 22.02% above TPAC (13.55% above LMR) in the 4th tender. To meet the additional requirement AS has to be revised. The details are as shown below.</p> <p>Original Proposal: Tendered PAC: Rs.5.606 Cr. (DSR-2016)–(a) Road Restoration / Utility Shifting Charge: Rs.2.394 Cr. – (b) Total: {a + b}: Rs.8.000 Cr. – (A)</p> <p>Revised Proposal: Awarded Amount: Rs.6.840 Cr. – (c) Tender Excess Amount (22.02 % above TPAC): Rs.1.234 Cr. – (d) Actual Road Restoration / Utility Shifting Charge: Rs.1.678 Cr. – (e) Savings in Road Restoration / Utility Charge: {b – e}: Rs.0.716 Cr.– (f)</p> <p>Total Additional Amount Required: {d – f}: Rs.0.518 Cr. – (B)</p> <p>Revised AS Required: {A + B}: Rs.8.518 Cr., Say Rs.8.52 Cr.</p>	<p>The KWA reported (Annexure-11) that the additional amount required can be met from the savings in the work namely, “Construction of 20 MLD WTP, Peechi, Thrissur Corporation (SAAP 2015-16 & SAAP 2016-17)”. The details are as shown below.</p> <p>AS Amount: Rs.17.30 Cr. [GO (Rt) No. 3170/ 2017/ LSGD Dated 28.09.2017]</p> <p>This work has two sub-works.</p> <p>1) “Construction of 20 MLD WTP, Peechi, Thrissur Corporation Phase-I”. Apportioned AS Amount: Rs.12 Cr. Savings Available: Rs.1.94 Cr.</p> <p>2) “Construction of 20 MLD WTP, Peechi, Thrissur Corporation Phase-II”. Apportioned AS Amount: Rs.5.30 Cr. Savings Available: Rs.3.08 Cr.</p> <p>Total Savings Available: Rs.5.02 Cr.</p> <p>The additional requirement of Rs.0.52 Cr. can be met from the available total savings of Rs.5.02 Cr. in the above-mentioned main work.</p>

Deliberation: The MD, KWA informed that additional amount is required due to tender excess (22.02%) and the same can be met from the savings available in KWA works of Thrissur Corporation.

The MD, AMRUT informed that the Committee that 50% of the cost due to tender excess will have to be borne by the Corporation and the balance 50% will have to be borne by the State.

The Secretary, Thrissur Corporation assured that the consent of the Council in this regard will be obtained.

Decision: The Committee decided to make the following recommendations to SHPSC:

- (1) Ratification of the action taken by KWA in awarding the work at 22.02% tender excess.
- (2) Revision of AS of the work to Rs.8.52 Cr. from Rs.8.00 Cr. due to tender excess (22.02%) subject to the following conditions:
 - (a) 50% of the tender excess shall be met by the ULB & the balance 50% shall be met by the State.
 - (b) The additional financial commitment shall be met from the available savings in the work namely, “Construction of 20 MLD WTP, Peechi, Thrissur Corporation (SAAP 2015-16 & SAAP 2016-17)”.

Agenda Item No.4.13: AS Revision – Thrissur Corporation – Water Supply Sector Work:

Details of Work	Reason for AS Revision	Source of Fund
<p>Work: AMRUT - Zoning & mapping of water supply system of Thrissur Corporation - Supply & laying of various diameter pipes – Part-2 (SAAP 2017-18).</p> <p>AS Amount: Rs.17.000 Cr., vide GO (Rt) No. 5/ 2018/ LSGD Dated 01.01.2018</p> <p>TS Amount: Rs.17.000 Cr. TS No. TS/ CE/ CR/ KWA/ 70/ 17-18 Dated 07.02.2018</p> <p>Council Decision: The Council vide Resolution No. 41 dated 16.07.2021 approved the proposal for revising the AS (Annexure-12).</p>	<p>Vide letter no. KWA/ JB/ P1/ 675/ 2015-16/ Part-1/ Vol II dated 23.04.2021 (Annexure-2) the KWA reported that AS revision is required for the work. As per the details provided by KWA (Annexure-11), additional amount is required due to tender excess. To meet the additional requirement AS has to be revised. The details are as shown below.</p> <p>Original Proposal: Tendered PAC: Rs.9.481 Cr. (DSR-2016) – (a) Road Restoration / Utility Shifting Charge: Rs.7.519 Cr. – (b) Total: {a + b}: Rs.17.000 Cr. – (A)</p> <p>Revised Proposal: Awarded Amount: Rs.10.429 Cr. – (c) Tender Excess Amount (10.00 % above TPAC): Rs.0.948 Cr. – (d) Actual Road Restoration / Utility Shifting Charge: Rs.7.279 Cr. – (e) Savings in Road Restoration / Utility Charge: {b – e}: Rs.0.240 Cr. – (f) Total Additional Amount Required: {d– f}: Rs.0.708 Cr. – (B)</p> <p>Revised AS Required: {A + B}: Rs.17.708 Cr., Say Rs.17.71 Cr.</p>	<p>The KWA reported (Annexure-11) that the additional amount required can be met from the savings in the work namely, “Construction of 20 MLD WTP, Peechi, Thrissur Corporation (SAAP 2015-16 & SAAP 2016-17)”. The details are as shown below.</p> <p>AS Amount: Rs.17.30 Cr. [GO (Rt) No. 3170/ 2017/ LSGD Dated 28.09.2017]</p> <p>This work has two sub-works.</p> <p>1) “Construction of 20 MLD WTP, Peechi, Thrissur Corporation Phase-I”. Apportioned AS Amount: Rs.12 Cr. Savings Available: Rs.1.94 Cr.</p> <p>2) “Construction of 20 MLD WTP, Peechi, Thrissur Corporation Phase-II”. Apportioned AS Amount: Rs.5.30 Cr. Savings Available: Rs.3.08 Cr.</p> <p>Total Savings Available: Rs.5.02 Cr.</p> <p>The additional requirement of Rs.0.71 Cr. can be met from the available total savings of Rs.5.02 Cr. in the above-mentioned main work.</p>

Deliberation: The MD, KWA informed that additional amount required can be met from the savings available in KWA works of Thrissur Corporation.

The MD, AMRUT informed that the Committee that 50% of the cost due to tender excess will have to be borne by the Corporation and the balance 50% will have to be borne by the State.

The Secretary, Thrissur Corporation assured that the consent of the Council in this regard will be obtained.

Decision: The Committee decided to recommend the revision of AS of the work to Rs.17.71 Cr. from Rs.17.00 Cr., due to tender excess, to SHPSC subject to the following conditions:

- 50% of the tender excess shall be met by the ULB & the balance 50% shall be met by the State.
- The additional financial commitment shall be met from the available savings in the work namely, “**Construction of 20 MLD WTP, Peechi, Thrissur Corporation (SAAP 2015-16 & SAAP 2016-17)**”.

Agenda Item No.4.14: AS Revision – Thrissur Corporation – Water Supply Sector Work:

Details of Work	Reason for AS Revision	Source of Fund
<p>Work: Construction of 5LL OHSR at Kuttanallur with gravity main & distribution network (SAAP 2017-18).</p> <p>AS Amount: Rs.8.000 Cr., vide GO (Rt) No. 3530/ 2017/ LSGD Dated 02.11.2017</p> <p>TS Amount: Rs.8.000 Cr. TS No. TS/ CE/ CR/ KWA/ 79/ 17-18 Dated 15.03.2018</p> <p>Council Decision: The Council vide Resolution No. 41 dated 16.07.2021 approved the proposal for revising the AS (Annexure-12).</p>	<p>Vide letter no. KWA/ JB/ P1/ 675/ 2015-16/ Part-I/ Vol II dated 23.04.2021 (Annexure-2) the KWA reported that AS revision is required for the work. As per the details provided by KWA (Annexure-11), additional amount is required due to increase in road restoration charges / utility shifting charges, tender excess and amount required for pile foundation (OHSR foundation design changed from raft to pile). To meet the additional requirements AS has to be revised. The details are as shown below.</p> <p>Original Proposal: Tendered PAC: Rs.5.094 Cr. (DSR-2016) – (a) Road Restoration / Utility Shifting Charge: Rs.2.906 Cr. – (b) Total: {a + b}: Rs.8.000 Cr. – (A)</p> <p>Revised Proposal: Awarded Amount: Rs.5.426 Cr. – (c) Tender Excess Amount (6.52 % above TPAC): Rs.0.332 Cr. – (d) Actual Road Restoration / Utility Shifting Charge: Rs.3.412 Cr. – (e) Excess Road Restoration / Utility Charge: {e – b}: Rs.0.506 Cr. – (f) Pile Foundation Amount (additional item) including Tender Excess & Contingencies as per Revised Estimate: Rs.0.212 Cr. – (g) Total Additional Amount Required: {d + f + g}: Rs.1.050 Cr. – (B) Revised AS Required: {A + B}: Rs.9.050 Cr.</p>	<p>The KWA reported (Annexure-11) that the additional amount required can be met from the savings in the work namely, “Construction of 20 MLD WTP, Peechi, Thrissur Corporation (SAAP 2015-16 & SAAP 2016-17)”. The details are as shown below.</p> <p>AS Amount: Rs.17.30 Cr. [GO (Rt) No. 3170/ 2017/ LSGD Dated 28.09.2017]</p> <p>This work has two sub-works.</p> <p>1) “Construction of 20 MLD WTP, Peechi, Thrissur Corporation Phase-I”. Apportioned AS Amount: Rs.12 Cr. Savings Available: Rs.1.94 Cr.</p> <p>2) “Construction of 20 MLD WTP, Peechi, Thrissur Corporation Phase-II”. Apportioned AS Amount: Rs.5.30 Cr. Savings Available: Rs.3.08 Cr.</p> <p>Total Savings Available: Rs.5.02 Cr.</p> <p>The additional requirement of Rs.1.05 Cr. can be met from the available total savings of Rs.5.02 Cr. in the above-mentioned main work.</p>

Deliberation: The MD, KWA informed that additional amount required can be met from the savings available in KWA works of Thrissur Corporation.

The MD, AMRUT informed that the Committee that 50% of the cost due to tender excess will have to be borne by the Corporation and the balance 50% will have to be borne by the State.

The Secretary, Thrissur Corporation assured that the consent of the Council in this regard will be obtained.

Decision: The Committee decided to recommend the revision of AS of the work to Rs.9.05 Cr. from Rs.8.00 Cr., due to increase in road restoration / utility shifting charges, tender excess (6.52%) & amount required for pile foundation, to SHPSC subject to the following conditions:

- 50% of the tender excess shall be met by the ULB & the balance 50% shall be met by the State.
- The additional financial commitment shall be met from the available savings in the work namely, “Construction of 20 MLD WTP, Peechi, Thrissur Corporation (SAAP 2015-16 & SAAP 2016-17)”.

Agenda Item No.4.15: Request from KWA to Take Note of the Action Taken by Them in Short-closing the Original Contract and Rearranging the Balance Work–Guruvayur Municipality – Water Supply Sector Work:

Details of Work	Description
<p>Work: Laying of distribution networks in Thykkad Zone – Guruvayur Municipality (SAAP 2016-17).</p> <p>Original AS Amount: Rs.10.00 Cr., vide G.O No. 516/ 2018/ LSGD dated 22.02.2018</p> <p>Revised AS Amount: Rs.12.13 Cr., vide G.O No. 961/ 2020/ LSGD dated 25.05.2020</p> <p>TS Amount: Rs.10.00 Cr., TS No.: TS/ 2018-19/ 2018/ 2554 dated 09.04.2018</p>	<p>The Managing Director (MD), KWA, vide letter no. KWA/ JB/P3/113/2019 dated 28.05.2021 (Annexure-13) informed as follows and had requested that the same may be presented before the Committee for information:</p> <ul style="list-style-type: none"> • The Technical Sanction was issued for the work for an amount of Rs.10.00 Cr. and the scope of work includes supply, laying, testing and commissioning of 200 mm to 450 mm DI K9 pipelines and 160 mm PVC pipelines for the distribution network of Thaikkad Zone of Guruvayur Municipality. • The work was tendered electronically (E Tender No. 3/ SE/ PHC/ TSR/ 2018-19, due date 21.05.2018) by the Superintending Engineer (SE), PH Circle, Thrissur. After due procedures, the work was awarded to the Contractor Sri. George Mathew, who quoted an amount of Rs.6,20,00,000 which was 8.91%% below the Tendered PAC of Rs.6,80,64,611 (DSR-2016) vide proceedings of the MD, KWA (KWA/ HO/ W/ AMRUT/ TSR/ TD-24/ 40/ 2018 dated 17.09.2018). Work Order was issued to the Contractor by the SE, PH Circle, KWA, Thrissur (Work Order No. KWA/ PHC/ TSR/ DI-1211/ 2018 dated 19.09.2018) and Agreement was executed (Agreement No. 07/ SE/ PHC/ TSR/ 2018-19 dated 27.09.2018) with 12 months as the period of completion. • The Contractor had supplied the full quantity of pipe (20.95 km) but an initial delay occurred in getting AMRUT funds from the Guruvayur Municipality which resulted in non-issuance of road cutting permission by the PWD and the Contractor had filed a petition with the Hon' High Court of Kerala vide WP (C) No. 12330/ 2019. Meanwhile, by transferring the parked fund of AMRUT from other KWA Division Offices, an amount of Rs.2.74 Cr. was remitted to PWD on 08.05.2019 after which, the Contractor started the pipe laying work. The above amount was later released by the Guruvayur Municipality. Due to the revision of PWD road restoration charges, revised AS was accorded for the subject work for an amount of Rs.12.13 Cr. • The Contractor completed 93% of the work and 94.23% of the accepted amount was released to him. The remaining length of pipes to be laid is 955m. The road cutting permission for laying this stretch has been obtained from PWD, after execution of an MoU between the Executive Engineer, Project Division, Nattika and PWD officials on 18.01.2021 to restore the road by KWA and on the condition that all pipes are to be laid in one go and no further cutting of road will be allowed. The amount remitted to PWD will be transferred to KWA. • In the meantime, the Contractor approached the Hon' High Court of Kerala vide WP (C) No. 6491 of 2021 (J), quoting delay and requesting to either terminate him from the work or to sanction enhanced rates (10%) on materials and labour for carrying out the balance work. He also requested to release all pending bills in respect of this work along with retention amounts and security deposits. • The Hon' High Court of Kerala, vide judgement dated 15.03.2021, disposed of the said petition, with direction to the MD, KWA to consider the Exhibits P4 & P6 (representations submitted by the Contractor to the SE, PH Circle, Thrissur on 18.12.2021 and the Executive Engineer, Project Division, Nattika on 08.02.2021 respectively). The Hon' High Court also directed the Contractor to submit a consolidated representation before the MD, KWA within a period of two weeks along with the copy of the judgement and the MD, KWA to consider and pass orders on the same after affording an opportunity of hearing the Contractor within in a period of two months. • Accordingly the Contractor submitted a representation dated 24.03.2021 before the MD, KWA and requested to terminate him from the remaining work and to release all the pending bills in respect of the work along with retention amounts and security deposits. • SE, PH Circle, Thrissur reported (vide letter no. KWA/ PHC/ TSR/ A1-948/ 2021 dated 22.04.2021) to MD, KWA that only 955m of pipeline is to be laid and the same can be completed in a minimum time of 20 days. Another pipe is also to be laid along the same stretch and the Contractor for that work has done is waiting for this issue to be solved, so as to comply with the directions of the PWD to lay all the pipes in that stretch in one go. Hence the SE, PH Circle, Thrissur requested to direct the Contractor to complete the work, since termination and retendering of the balance work at this point of time will badly affect the whole scheme. It was also reported that the demand of the Contractor to release the retention amount can be considered only on the completion of the work and that of security deposit (performance guarantee), only after the successful completion of guarantee period (NIT condition – Clause 8.14). • The MD, KWA authorized the Chief Engineer, Projects & Operations, KWA to hear the Contractor, adhering to which the Contractor was duly heard by the CE, Projects & Operations on 18.05.2021, in presence of the Chief Engineer, Central Region, KWA and the SE, PH Circle, Thrissur. During the hearing the Contractor expressed his unwillingness to execute the balance work due to the following reasons: <ol style="list-style-type: none"> 1. The Agreement was executed for the work on 27.09.2018 and he has supplied all the pipes within the agreed time and there was undue delay in obtaining permission for road cutting, for

	<p>which he even had to approach the Court.</p> <ol style="list-style-type: none"> However, he has completed all works except for a length of 955 m. The agreed rates are as of 2018 but the market rates have now escalated a lot and hence, he is not in a position to move forward with the work. Huge amount was incurred in shifting pipes owing to change in tank site. The release of retention amount was not considered and that an amount of Rs.60 Lakh is due to him. The Agreement period has expired in March 2020. The rainy season is coming and it is difficult to carry out the work in Guruvayur during rainy season. <ul style="list-style-type: none"> During the hearing it was pointed out to the Contractor that the delay which occurred in the work was not due to non-fulfilment of contractual obligations from KWA side, but was due to reasons beyond the control of KWA and that it will be beneficial to the scheme as a whole, if the work could be completed before the start of the monsoon season. The Contractor was also requested to complete the work by pointing out that the balance length to be laid is only 955 m for which the pipe was already supplied and his financial burden, if any, due to time overrun is limited to the laying part alone which shall be very little for the small stretch left. He was also made aware of the fact that this being an AMRUT work, the fund may get lapsed if further delayed and also about the difficulties / delay that might be caused in rearranging the balance work which can be completed within 20 days' time. The Contractor was not ready to concede and requested to relieve him of the balance work. Hence it was decided to relieve the Contractor from executing the balance work and to rearrange the same. Sanction was accorded to the SE, PH Circle, Thrissur, vide proceedings of the MD, KWA (No. KWA/ JB/ P3/ 113/ 2019 dated 26.05.2021) to short-close the Contract of the work with Sri. George Mathew and to rearrange the balance work without further delay.
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Deliberation: The Managing Director, KWA informed as follows:

Only 955m of pipe laying is balance in the work and the same couldn't be taken up by the Contractor due to the delay in getting road cutting permission from PWD. After hearing the Contractor as per the direction of the Hon' High Court of Kerala it was decided to relieve the Contractor from executing the balance work and rearrange the same. Subsequently the balance work was rearranged.

Decision: The Committee took note of the action taken by the KWA in short-closing the original contract and rearranging the balance work and decided to bring the same to the notice of the SHPSC.

Agenda Item No.4.16: Request for Taking Up Additional Works - Palakkad Municipality – Water Supply Sector - Construction of 45 MLD Water Treatment Plant at Malambuzha:

Details of Work	Reason	Source of Fund
<p>Work: WS - Construction of 45 MLD at Malampuzha KWA compound and Booster Station and demolishing of old Booster & Sump in Palakkad Municipality 2016-17</p> <p>AS Details: G.O (Rt) No. 3170/ 2017/ LSGD dated 28.09.2017 for Rs.22.25 Cr.</p> <p>The Secretary, Palakkad Municipality vide letter dated 16.07.2021 had informed that this agenda is included in the Council scheduled on 22.7.2021 and requested to include the agenda for the SLTC meeting (Annexure-15).</p>	<p>The Managing Director, KWA, vide Letter No. KWA/JB/P-3/72/2018 dated 26.04.2021 (Annexure-14) reported as follows:</p> <p>Two components included in this work namely,(1) Booster pump house and 700 mm raw water pumping main (Rs.77 Lakhs) and (2) 450 mm raw water pumping mains connecting WTP and aerator (Rs.25 Lakh), are not required as per the actual site conditions. The existing pump house is structurally stable and has sufficient space to accommodate the raw water pump set, hence booster pump house can be excluded from the scope of works, which results in a savings of Rs.1.02 Cr.</p> <p>Out of which Rs.67.30 Lakh has been utilized for the work "Augmentation of WS scheme - Construction of OHSR -2 Nos., total 76.5 LL capacity" for revision of AS. The balance amount of Rs.34.69 Lakh is proposed to be utilized for energizing of WTP and clear water pumping house, which was not included in the original</p>	<p>There is no additional financial commitment as the additional requirement of Rs.34.69 Lakh can be met from the savings of the same main project.</p>

	scope. KWA had also reported that they had floated the tender for arranging the additional work of shifting of 630 KVA transformer from 9 MLD WTP clear water sump compound to clear water sump cum pump house of 45 MLD WTP and erection of main switch board, which was not included in the original scope, as the same is essential for the commissioning of 45 MLD WTP.	
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Deliberation: The Managing Director, KWA opined as follows:

The process of obtaining permission from SLTC and SHPSC for execution of additional works within the approved AS amount, as in the case of the subject work, consume a lot of time. Hence it would be better if requisite powers are given to KWA to take appropriate decisions in future.

Decision: The Committee decided to make the following recommendations to the SHPSC:

- (1) Sanction to execute additional works amounting to Rs.34.69 Lakh subject to conditions that there will not be any additional financial commitment and consent of the Council will be obtained.
- (2) The suggestion of MD, KWA to execute additional works within AS, if necessary, for the satisfactory completion of work without obtaining prior permissions from SLTC / SHPSC.

Agenda Item No.4.17: Ratification of Tender Excess Approved by KWA – Kozhikode Corporation - Water Supply Sector- Rehabilitation of old pipes, valves, interconnection with existing lines and providing water meters in Kozhikode Corporation- Phase-1 – Package-7:

Details of Work	Reason	Source of Fund
Work: WS - Rehabilitation of old pipes, valves, interconnection with existing lines and providing water meters in Kozhikode Corporation- Phase-1 – Package-7. <ul style="list-style-type: none"> • SAAP: 2015-16 • AS Details: G.O (Rt) No. 534/ 2017/ LSGD dated 23/02/2017 for Rs.17.87 Cr. (two sub-works) • TS Amount: Rs.0.63 Cr. • Tendered PAC: Rs.0.56 Cr. (DSR-2016) • Lowest Quote: Rs.0.683 Cr. • Tender Excess: Rs.0.123 Cr. (21.89 % above Tendered PAC and 11.78 % above LMR of Rs.0.611 Cr.) Additional Amount due to Tender Excess: Rs.0.123 Cr.	<p>KWA reported vide Letter No. D6/ AMR/ GEN/ 2018 dated 16.04.2021 (Annexure-16) that the work was tendered two times. No offers were received in the 1st call. In the 2nd call, single offer was received from M/s. Base Electronics & Systems. Work is completed in all aspects.</p> <p>KWA Board in its 409th Meeting held on 17/05/2019 (Annexure-16) accorded sanction to award the work to M/s.Base Electronics & Systems for Rs.0.683 Cr., which is 21.89% above the Tendered PAC.</p> <p>Kozhikode Corporation Council had approved the tender excess, vide Resolution No.27 dated 30/04/2021 (Annexure-17). The Secretary, Kozhikode Corporation vide letter No. EG21/ 99577/ 16 dated 17/04/2021 has requested for considering the same by the SLTC (Annexure-18).</p>	Additional requirement can be met from the savings of same AS amount.

Decision: The Committee decided to recommend the ratification of the action taken by KWA in awarding the work at 21.89% tender excess (Rs.0.123 Cr.) subject to the condition that the 50% of tender excess shall be met by the ULB & the balance 50% shall be met by the State.

Agenda Item No.4.18: Ratification of Tender Excess Approved by KWA – Kozhikode Corporation - Water Supply Sector - Strengthening of existing infrastructure facilities and quality improvement of CWSS – Package-1:

Details of Work	Reason	Source of Fund
<p>Work: WS - Strengthening of existing infrastructure facilities and quality improvement of CWSS – Package-1.</p> <ul style="list-style-type: none"> • SAAP: 2016-17 • AS Details: G.O (Rt) No. 3530/ 2017/ LSGD dated 02/11/2017 for Rs.17.27 Cr. (two sub-works) • TS Amount: Rs.6.90 Cr. • Tendered PAC: Rs.4.446 Cr. (DSR-2016) • Lowest Quote: Rs.5.090 Cr. • Tender Excess: Rs.0.644 Cr.(14.49 % above Tendered PAC and 2.82 % above LMR of Rs.4.95 Cr.) <p>Additional Amount due to Tender Excess: Rs.0.644 Cr.</p>	<p>KWA reported vide Letter No. D6/ AMR/ GEN/ 2018 dated 16.04.2021 (Annexure-16) that the work was tendered four times. No offers were received in the first 3 calls. In the 4th call, single offer was received from Sri. Salil Varghese. Work is 64% completed.</p> <p>The work includes installation of pipelines along Meenchanda Mini Bye-pass road from Kalluthankadavu to Mankavu and along both sides of the road leading to Arayadathupalam from Mavoor road junction along with other works. These are very busy streets and installing pipelines even during late hours are very difficult. Also diversion of traffic is not practical as these are the main linking roads towards the Kozhikode city centre. RCC pipe bridge of 90 m span and 4 m wide is also included in this project. The approach to this bridge is difficult with limited work space. In some cases, pipe line crossings are to be done through push through methods. Hence, the whole work consists of multifaceted tasks.</p> <p>Considering the nature of the work, intricacies involved in executing different items of work and the number of attempts made to tender the work, the KWA Board in its 408th Meeting held on 12/02/2019 (Annexure-16) accorded sanction to award the work to the single bidder Sri. Salil Varghese for Rs.5.09 Cr., which is 14.49% above the Tendered PAC.</p> <p>Kozhikode Corporation Council has approved the tender excess, vide Resolution No.27 dated 30/04/2021 (Annexure-17). The Secretary, Kozhikode Corporation vide letter No. EG21/99577/16 dated 17/04/2021 had requested for considering the same by the SLTC (Annexure-18).</p>	<p>Additional requirement can be met from the savings of same AS amount.</p>

Decision: The Committee decided to recommend the ratification of the action taken by KWA in awarding the work at 14.49% tender excess (Rs.0.644 Cr.) subject to the condition that the 50% of tender excess shall be met by the ULB & the balance 50% shall be met by the State.

Agenda Item No.4.19: AS Revision - Kannur Corporation - Water Supply Sector - Construction of 24LL OHSR at Pallikunnu for Pallikkunnu & Puzhathi Village in Kannur Corporation:

Details of Work	Reason	Source of Fund
<p>1) Work: Construction of 24LL OHSR at Pallikunnu for Pallikkunnu & Puzhathi Village in Kannur Corporation.</p> <ul style="list-style-type: none"> • SAAP: 2015-16 • AS Details: G.O (Rt) No. 534/ 2017/ LSGD dated 23/02/2017 for Rs.4.05 Cr. • TS Amount: Rs.4.05 Cr. • Tendered PAC: Rs.4.02 Cr. (DSR-2014) 	<p>The KWA reported as follows:</p> <ul style="list-style-type: none"> • The total expenditure for the work exceeded the AS Amount due to the tender excess. • In the 1st tender call, two offers were received. The lowest quote was from M/s.Nobletech Engineering (P) Ltd. at 14.05% above TPAC. The lowest bidder reduced the quoted amount to Rs.4.43 Cr. (10 % above TPAC and 5.03% below LMR). 	<p>Additional amount can be met from the AS to TS savings in the SEW/SEP Sector.</p> <p>AS Amount: Rs.50.23 Cr. TS Amount: Rs.26.70 Cr. Savings: Rs.23.53 Cr.</p>

<ul style="list-style-type: none"> • Lowest Quote: Rs.4.43 Cr. • Tender Excess:Rs.0.402 Cr. (10 % above TPAC and 5.03% below LMR) • Actual Expenditure: Rs.4.29 Cr. <p>Total Additional Amount Required: Rs.0.402 Cr. Revised AS Amount Requested: Rs.4.29Cr.</p> <p>The Managing Director, KWA vide letter No. KWA/ JB/ P1/ 675/ 2015-16/ Part-I/ Vol-II (Annexure-11) dated 23.04.2021 requested for revision of AS for the work.</p> <p>The Secretary, Kannur Corporation, vide letter dated 06.07.2021 (Annexure-19), requested for placing the agenda in the SLTC meeting. He has assured to place the agenda in the next Council meeting.</p>	<ul style="list-style-type: none"> • Considering the nature of work and as there was no chance to get a better offer, work was awarded to the lowest bidder. The work is now completed. 	
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Decision: The Committee decided to recommend the revision of AS to Rs.4.29 Cr. from Rs.4.05 Cr., due to tender excess (10%), to SHPSC subject to the following conditions:

- 50% of the tender excess shall be met by the ULB & the balance 50% shall be met by the State.
- Consent of the Municipal Council shall be obtained.

Agenda Item No.4.20: AS Revision - Kannur Corporation - Water Supply Sector - Construction of 14LL OHSR Thottada at Edakkad Zone III in Kannur Corporation:

Details of Work	Reason	Source of Fund
<p>Construction of 14LL OHSR Thottada at Edakkad Zone III in Kannur Corporation:</p> <ul style="list-style-type: none"> • SAAP: 2015-16 • AS Details: G.O (Rt) No. 2800/ 2017/ LSGD dated 15/08/2017 for Rs.3.00 Cr. • TS Amount: Rs.3.00 Cr. • Tendered PAC:Rs.2.99 Cr. (DSR-2016) • Lowest Quote: Rs.3.285 Cr. • Tender Excess: Rs.0.297Cr. (9.94 % above Tendered PAC and 13.44% below LMR) • Actual Expenditure: Rs.3.16 Cr. <p>Total Additional Amount required: Rs.0.297 Cr. Revised AS Amount Requested: Rs.3.16Cr.</p> <p>The Managing Director, KWA vide letter No. KWA/ JB/ P1/ 675/ 2015-16/ Part-I/ Vol-II dated 23.04.2021 (Annexure-11) requested for revision of AS for the work.</p> <p>The Secretary, Kannur Corporation, vide letter dated 06.07.2021 (Annexure-19), requested for placing the agenda in the SLTC meeting. He has assured to place the agenda in the next Council meeting.</p>	<p>KWA reported that the total expenditure for the work exceeded the AS Amount due to the tender excess.</p> <p>In the 1st tender call, two offers were received. The lowest quote was from Sri.Sohail Shamsudeen with 9.94% above TPAC. The lowest bidder reduced the quoted amount to Rs.3.285 Cr. (9.94 % above PAC and 13.44% below LMR).</p> <p>Considering the nature of work and as there was no chance to get a better offer, work was awarded to the lowest bidder. The work is now completed.</p>	<p>Additional amount can be met from the AS to TS savings in the SEW/SEP Sector.</p> <p>Total AS Amount: Rs.50.23 Cr. Total TS Amount: Rs.26.70 Cr. Savings: Rs.23.53 Cr.</p>

Decision: The Committee decided to recommend the revision of AS to Rs.3.16 Cr. from Rs.3.00 Cr., due to tender excess (9.94%), to SHPSC subject to the following conditions:

- 50% of the tender excess shall be met by the ULB & the balance 50% shall be met by the State.
- Consent of the Municipal Council shall be obtained.

Agenda Item No.5: PROJECTS BEING IMPLEMENTED BY ULB

Agenda Item No.5.1: AS Revision – Trivandrum Corporation – Urban Transport Sector – Multi Level Car Parking System in Corporation Premises & Putharikandam Maithanam:

Details of Work	Reason	Source of Fund
<p>Work: Multi Level Car Parking System in Corporation Premises & Putharikandam Maithanam in Thiruvananthapuram Corporation.</p> <ul style="list-style-type: none"> SAAP:2016-17, 2017-18 AS Details: G.O (Rt) No. 5/2018/ LSGD dated 01/01/2018for Rs.17.64 Cr. (MLCP @ Corporation Premises: Rs.5.64 Cr. & MLCP @ Putharikandam: Rs.12 Cr.) <p>MLCP @ Corporation Premises:</p> <ul style="list-style-type: none"> Apportioned Cost: Rs.5.64 Cr. Tendered PAC: Rs.5.64Cr.(DSR-2016) Awarded Cost: Rs.5.8374 Cr. Tender Excess: Rs.0.2374 Cr. (3.5 % above Tendered PAC, approved by 20th SHPSC) Additional Amount Required due to the additional works executed: Rs.1.0773 Cr. <p>Revised Project Cost: Rs.6.7173 Cr.</p> <p>MLCP @ Putharikandam Maithanam:</p> <ul style="list-style-type: none"> Apportioned Cost: Rs.12 Cr. Tendered PAC: Rs.12 Cr. (DSR-2016) Awarded Cost: Rs.12.59 Cr. Tender Excess:Rs.0.59Cr. (4.916% above Tendered PAC, approved by 20th SHPSC) Additional Amount Required due to the additional works: Rs.0.1915 Cr. <p>Revised Project Cost: Rs.12.1915Cr. Total Additional Amount Required: Rs.1.0773 Cr. + Rs.0.1915 Cr. = Rs.1.2688 Cr.</p> <p>Revised AS Amount Requested: Rs.18.9088 Cr.</p> <p>Council Decision: The Corporation Council approved the revision of AS vide Resolution No. E7/ E13/ 133186/ 15/ III dated 21/06/2021(Annexure-20).</p>	<p>Secretary, Trivandrum Corporation reported that the revision of AS is required due to the following reasons:</p> <p>MLCP @ Corporation Premises:</p> <ol style="list-style-type: none"> Number of MLCP main structure footing increased to 24nos. from 12nos. As per the new fire norms sump room size was increased from 13.1m x 6.4m to 23m x 6m. Addition of items such as Grade Beam in foundation and MLCP roofing, which were not considered in the original estimate prepared by KITCO. Depth of foundation increased to 3.5m from 2m as recommended in the soil test result. Addition of items i.e. general lighting and liaising charges which were not included in the original estimate prepared by KITCO. <p>MLCP @ Putharikandam Maithanam:</p> <ol style="list-style-type: none"> In the confirmatory soil test pile footing was recommended for MLCP. In the original estimate isolated footing was considered. Addition of items such as. MLCP roofing, cladding, lightning conductor, MLCP lighting and fire stair, which were not considered in the original estimate prepared by KITCO. Items such as two-wheeler parking, solar panels and toilet block to be removed from project scope to limit the estimate. These items to be taken up simultaneously under Corporation's own fund. 	<p>Additional requirement can be met from the AS - TS savings of work - MLCP @ Medical College Trivandrum.</p> <p>AS Amount - Rs.14 Cr. TS Amount - Rs.11 Cr. Revised Amount - Rs.12.2452 Cr.</p> <p>Expected AS-TS saving: Rs.1.7548 Cr.</p>

Deliberations: The Secretary, Thiruvananthapuram Corporation informed that the original estimate prepared by KITCO was exclusive of fire components. He added that the works are completed in all aspects in Corporation premise. He assured that the NOC from Fire and Electrical Inspectorate will be obtained within 15 days and the MLCP at Corporation premises can be commissioned immediately after that. The AS revision is required due to the tender excess of the MLCPs at Putharikandam Maithanam and Corporation premise and additional works required for the completion of these MLCPs.

Decision: The Committee decided to recommend the revision of AS for an amount of Rs.18.91 Cr. to SHPSC Due to tender excess and due to additional works of the two sub works to SHPSC subject to approval of Municipal Council for meeting 50% of cost due to tender excess.

Agenda Item No.5.2: Decision on Action to be Taken for Revision of TS – Guruvayur Municipality – Urban Transport Sector Work:

Details of Work	Description												
<p>Work: Construction of Footpath in 4 locations in Temple Circle Areas.</p> <p>Original AS Amount: Rs.8.17 Cr., vide G.O No. 3166/ 2017/ LSGD dated 27.09.2017</p> <p>Revised AS Amount: Rs.8.57 Cr., vide G.O No. 2794/ 2019/ LSGD dated 07.12.2019</p> <p>TS Amount: Rs.7.7963 Cr., TS No.: 04/ AMRUT/ VTG/ 17-18 dated 25.11.2017</p> <p>Council Decision: The Council approved the award of work to M/s. ULCCS vide Resolution No.17-10, dated 20.02.2018 (Annexure -21)</p>	<p>The Secretary, vide letter no. E.5-20074/17 dated 01.06.2021 (Annexure-21) informed as follows:</p> <ul style="list-style-type: none">As per the decision taken by the Municipal Council the work was awarded to the accredited agency, M/s. ULCCS, for an amount obtained by reducing Contractor's Profit (CP) of 7.5% from the rates used for calculating the TS Amount.The work is nearing completion.Due to the practical difficulties faced during execution of works certain changes in the scope of work had to be made.For satisfactory completion of the works certain additional items also had to be included in the scope of workDue to the above-mentioned reasons the estimate had to be revised. The revised estimate was prepared using the rates used for calculating TS Amount excluding the CP (7.5%).The revised estimate was prepared in this way for full utilization of the AS Amount available for the works.The revised estimate was submitted to the CE, LSGD for approval and CE, LSGD replied vide letter no. DB7/4998/2021/CE/LSGD dated 06.05.2021 as follows:<ul style="list-style-type: none">Justification is required for the action taken by the ULB to award the work at a rate which is TS Amount less CP @ 7.5% instead of floating tender for the work.Original TS has to be cancelled for approving the revised estimate prepared as mentioned above.Ratification is required from a higher authority for taking corrective action in this regard. <table><tr><th>Work Name</th><th>AS Amount</th><th>TS Amount (DSR-2016 + CP + OH)</th><th>Awarded Amount (Without CP)</th><th>Revised Estimate Amount (With CP)</th><th>Expected Expenditure Amount @ Agreement Rate (Without CP)</th></tr><tr><td>Footpath Work</td><td>Rs.8,57,00,000</td><td>Rs.7,79,63,000</td><td>Rs.7,20,39,364</td><td>Rs.8,84,89,526</td><td>Rs.8,04,48,000</td></tr></table> <p>The Secretary, vide letter no. E.5-18378/15 dated 02.07.2021 (Annexure-22) also informed as follows:</p> <ul style="list-style-type: none">The Municipality had awarded certain AMRUT works to ULCCS, which is an accredited agency, in the same fashion (TS rates less CP @ 7.5%) as explained in the case of the subject work.The matter may be placed before the SLTC so that approval can be obtained for preparing revised estimate for these works, using TS rates less CP @ 7.5%, if the same is required.The Municipal Council vide Resolution No. 33, dated 20.02.2021 had decided to approach the SLTC for approval in this regard.	Work Name	AS Amount	TS Amount (DSR-2016 + CP + OH)	Awarded Amount (Without CP)	Revised Estimate Amount (With CP)	Expected Expenditure Amount @ Agreement Rate (Without CP)	Footpath Work	Rs.8,57,00,000	Rs.7,79,63,000	Rs.7,20,39,364	Rs.8,84,89,526	Rs.8,04,48,000
Work Name	AS Amount	TS Amount (DSR-2016 + CP + OH)	Awarded Amount (Without CP)	Revised Estimate Amount (With CP)	Expected Expenditure Amount @ Agreement Rate (Without CP)								
Footpath Work	Rs.8,57,00,000	Rs.7,79,63,000	Rs.7,20,39,364	Rs.8,84,89,526	Rs.8,04,48,000								

Deliberation: The Chief Engineer, LSGD informed as follows:

The original TS, issued by the District Level TS Committee, was inclusive of Contractor's profit (CP). As per the decision taken by the Council the work was awarded to the accredited agency M/s.ULCCS without calling for tenders for an amount which was worked out by excluding CP from the item rates in the TS. The ULB has made a procedural error by not taking approval from the TS Committee for revised TS (without CP) before awarding the work. Now since TS revision is required the ULB has approached the CE, LSGD for the same as the TS Committee of the ULB does not exist at present. As the work is nearing completion the Committee may give direction to take necessary action for issuing revised TS with rates admissible to accredited agencies for this work as well as for other AMRUT works awarded in a similar manner in Guruvayur Municipality.

The Under Secretary, Finance Department opined that as per the prevailing Govt. Orders a work has to be awarded to an accredited agency only after calling for tenders involving accredited agencies.

The Municipal Engineer of Guruvayur informed as follows:

As per the decision taken by the Council the works under AMRUT in Guruvayur were awarded to accredited agencies (at TS rates without CP), without tendering, as this was the procedure being followed at that time. Due to variation in quantities revised TS is required.

The Managing Director, KWA opined that initially the ULBs used to award works to accredited agencies without calling for tenders as per the prevailing Govt. Orders and later on when a Court order came into existence tenders were called for among the accredited agencies and the best offers were selected. Since the Committee that issued TS doesn't exist, the Chief Engineer, LSGD may be directed to take the necessary action for issuing the revised TS.

Decision: The Committee decided to make the following recommendation to the SHPSC: Since the TS Committee that issued TS doesn't exist at present, the Chief Engineer, LSGD may be directed to take necessary action for issuing revised TS with rates admissible to accredited agencies for this work and for other AMRUT works awarded by the ULB in a similar manner.

Agenda Item No.5.3: Decision on Action to be Taken for Revision of TS – Guruvayur Municipality – Two Storm Water Drain Sector Works:

Details of Work	Description						
<p>Work: Package-1 – Covering and repair of minor drains in 16 different locations of the Municipal area (SAAP 2015-16, 2016-17 & 2017-18).</p> <p>AS Amount: Rs.13.85 Cr., vide G.O No. 3166/2017/ LSGD dated 27.09.2017</p> <p>Work was split into 12 sub-works and out of these, 10 sub-works have been completed till date. Balance 2 works namely; Package-1A & Package-1B require revision of TS Amounts.</p> <p>TS Amount: Package-1A: Rs.6.80 Cr. TS No. LSGD/ TS/ 2018-2019/ 127521 dated 09.04.2018 Package-1B: Rs.4.81 Cr. TS No. LSGD/ TS/ 2018-2019/ 127495 dated 09.04.2018</p> <p>Council Decision: The</p>	<p>The Secretary vide letter no. E.5-6773/18 dated 14.06.2021 (Annexure-23) & E.5-6774/18 dated 14.06.2021 (Annexure-24) informed as follows:</p> <ul style="list-style-type: none">● As per the decision taken by the Municipal Council the work was awarded to the accredited agency, M/s. ULCCS, for an amount obtained by reducing Contractor's Profit (CP) of 7.5% from the rates used for calculating the TS Amount.● The work is nearing completion.● Due to the practical difficulties faced during execution of works certain changes in the scope of work had to be made.● For satisfactory completion of the works certain additional items also had to be included in the scope of work.● Due to the above-mentioned reasons the estimate had to be revised. The revised estimate was prepared using the rates used for calculating TS Amount excluding the CP (7.5%).● The revised estimate was prepared in this way for full utilization of the AS Amount available for the works.● The revised estimate was submitted to the CE, LSGD for approval and CE, LSGD replied vide letter no. DB7/4998/2021/CE/LSGD dated 06.05.2021 as follows:<ul style="list-style-type: none">➤ Justification is required for the action taken by the ULB to award the work at a rate which is TS Amount less CP @ 7.5% instead of floating tender for the work.➤ Original TS has to be cancelled for approving the revised estimate prepared as mentioned above.➤ Ratification is required from a higher authority for taking corrective action in this regard. <p>AS Amount: Rs.13,85,00,000 Amount used for 10 Completed Works: Rs.94,03,023 Balance Amount Available: Rs.12,90,96,977</p>						
	<table><tr><th>Work Name</th><th>Apportioned AS Amount</th><th>TS Amount (DSR-2016 + CP + OH)</th><th>Awarded Amount (Without CP)</th><th>Revised Estimate Amount (With CP)</th><th>Expected Expenditure Amount @ Agreement Rate (Without CP)</th></tr></table>	Work Name	Apportioned AS Amount	TS Amount (DSR-2016 + CP + OH)	Awarded Amount (Without CP)	Revised Estimate Amount (With CP)	Expected Expenditure Amount @ Agreement Rate (Without CP)
Work Name	Apportioned AS Amount	TS Amount (DSR-2016 + CP + OH)	Awarded Amount (Without CP)	Revised Estimate Amount (With CP)	Expected Expenditure Amount @ Agreement Rate (Without CP)		

Council approved the award of works (Package-1A & Package-1B) to M/s. ULCCS vide Resolution No.12, dated 28.04.2017 (Annexure-23 & 24).	Package-1A	Rs.12,90,96,977	Rs.6,80,00,000	Rs.6,41,15,845	Rs.8,02,09,538	Rs.7,32,00,000
	Package-1B		Rs.4,81,00,000	Rs.4,58,62,865	Rs.4,35,77,561	Rs.3,93,80,000
	Total	Rs.12,90,96,977	Rs.11,61,00,000	Rs.10,99,78,710	Rs.12,37,87,099	Rs.11,25,80,000

The Secretary, vide letter no. E.5-18378/15 dated 02.07.2021 (Annexure-22) also informed as follows:

- The Municipality had awarded certain AMRUT works to ULCCS, which is an accredited agency, in the same fashion (TS rates less CP @ 7.5%) as explained in the case of the subject work.
- The matter may be placed before the SLTC so that approval can be obtained for preparing revised estimate for these works, using TS rates less CP @ 7.5%, if the same is required.
- The Municipal Council vide Resolution No.33, dated 20.02.2021 (Annexure-22) had decided to approach the SLTC for approval in this regard.

Deliberation: The Chief Engineer, LSGD informed as follows:

The original TS, issued by the District Level TS Committee, was inclusive of Contractor's profit (CP). As per the decision taken by the Council the work was awarded to the accredited agency M/s.ULCCS without calling for tenders for an amount which was worked out by excluding CP from the item rates in the TS. The ULB has made a procedural error by not taking approval from the TS Committee for revised TS (without CP) before awarding the work. Now since TS revision is required the ULB has approached the CE, LSGD for the same as the TS Committee of the ULB does not exist at present. As the work is nearing completion the Committee may give direction to take necessary action for issuing revised TS with rates admissible to accredited agencies for this work as well as for other AMRUT works awarded in a similar manner in Guruvayur Municipality.

The Under Secretary, Finance Department opined that as per the prevailing Govt. Orders a work has to be awarded to an accredited agency only after calling for tenders involving accredited agencies.

The Municipal Engineer of Guruvayur informed as follows:

As per the decision taken by the Council the works under AMRUT in Guruvayur were awarded to accredited agencies (at TS rates without CP), without tendering, as this was the procedure being followed at that time. Due to variation in quantities revised TS is required.

The Managing Director, KWA opined that initially the ULBs used to award works to accredited agencies without calling for tenders as per the prevailing Govt. Orders and later on when the Court order came into existence tenders were called for among the accredited agencies and the best offers were selected. Since the Committee that issued TS doesn't exist, the Chief Engineer, LSGD may be directed to take the necessary action for issuing the revised TS.

Decision: The Committee decided to make the following recommendation to the SHPSC: Since the TS Committee that issued TS doesn't exist at present, the Chief Engineer, LSGD may be directed to take necessary action for issuing revised TS with rates admissible to accredited agencies for this work and for other AMRUT works awarded by the ULB in a similar manner.

Agenda Item No.5.4: Ratification of Payment of GST to the Contractor & Approval of Correction in the Revised AS – Thrissur Corporation – Water Supply Sector Work:

Details of Work	Reason for Revision	Source of Fund																																
<p>Work: WET - Water Efficient Thrissur (SAAP 2017-18).</p> <p>AS Amount: Rs.4.36 Cr., vide G.O No. 5/2018/LSGD dated 01.01.2018</p> <p>TS Amount: Rs.4.21 Cr., vide IKM/ED/660/19, dated 22.02.2019</p> <p>Council Decision:</p> <p>(1) The Council approved the proposal to revise the AS vide Resolution No.59, dated 12.10.2020</p> <p>(2) The Council approved the corrected proposal to revise the AS vide Resolution No.91, dated 11.05.2021 (Annexure -25)</p>	<p>The Secretary vide letter no. WS2/9420/2019 dated 20.11.2020 had requested for revision of AS for the work due to the following reasons:</p> <p>a) Addition of GST amount (18% GST) which was not included in the original AS Amount – Rs.83,27,951.</p> <p>b) Addition of flow meters (3 ultrasonic insertion type flow meters & 1 bulk flow), flow meter chambers & accessories to the scope of work – Rs.11,45,469.</p> <p>c) Addition of water network monitoring room & accessories to the scope of work – Rs.15,93,952.</p> <p>d) Additional amount required for AMC due to increase in scope of work – Rs.10,52,181.</p> <table><thead><tr><th>Items</th><th>As per Original AS</th><th>Revised AS Proposal</th><th>Difference</th></tr></thead><tbody><tr><td>Survey</td><td>1,07,26,000</td><td>1,07,26,000</td><td>0</td></tr><tr><td>GIS Solution</td><td>1,00,00,000</td><td>1,00,00,000</td><td>0</td></tr><tr><td>IoT Sensors &</td><td>1,85,75,000</td><td>1,97,20,469</td><td>11,45,469</td></tr><tr><td>Associated Hardware</td><td>12,99,000</td><td>28,92,952</td><td>15,93,952</td></tr><tr><td>Technical Support for 5</td><td>30,00,000</td><td>40,52,181</td><td>10,52,181</td></tr><tr><td>GST Amount to be</td><td>0</td><td>83,27,951</td><td>83,27,951</td></tr><tr><td>Total</td><td>4,36,00,000</td><td>5,57,19,553</td><td>1,21,19,553</td></tr></tbody></table> <p>Total Addition Amount Required: Rs.1,21,19,553 Revised Project Cost: Rs.5,57,19,553 (Rs.5.572 Cr.)</p> <p>The same was deliberated & discussed in the 26th SHPSC (Agenda No.5.13) and the decision of the Committee was as follows: “The Committee accorded Revised AS to the work ‘Water Efficient Thrissur’ under Water Supply sector of Thrissur Corporation for an amount of Rs.5.572 Cr. subject to condition that AMC shall be borne by the Corporation. The issue of Rs.83.27 Lakh which was included in the original AS may be allowed if the original AS & submission of tender bid by the Contractor was before the GST came into force. SHPSC decided to accord revised AS subject to above conditions”.</p> <p>Accordingly, vide letter no. UP2/1374/2019/AMRUT/General/7 dated 31.12.2020 the ULB was asked to submit the all details related to this work including TS, tender & contract details. The Secretary vide letter no. WS2/9420/ 2019 dated 27.01.2021 (Annexure-26) submitted these details. On verifying the same it was found that estimate was framed without considering GST, tender was floated exclusive of GST and as per the agreement conditions the GST is to be paid as extra.</p> <p>The ULB informed on 15.02.2021 (ATR of 26thSHPSC - Annexure-27) that there was a calculation mistake in the revised project cost (Rs.5.572 Cr.) submitted earlier and the same has been corrected as Rs.5.592 Cr. Ratification was obtained for the same from the Council held on 11.05.2021. The details of the calculation mistake are as follows:</p> <ul style="list-style-type: none">GST amount (18% GST) which was not included in the original AS Amount was calculated as Rs.83,27,951 but actually comes to Rs.85,30,488. <p>Hence there is an increase of Rs.2,02,537 above the amount of Rs.5,57,19,553 approved by the 26thSHPSC and the Revised Project Cost is Rs.5,59,22,090 (Rs.5.592 Cr.).</p>	Items	As per Original AS	Revised AS Proposal	Difference	Survey	1,07,26,000	1,07,26,000	0	GIS Solution	1,00,00,000	1,00,00,000	0	IoT Sensors &	1,85,75,000	1,97,20,469	11,45,469	Associated Hardware	12,99,000	28,92,952	15,93,952	Technical Support for 5	30,00,000	40,52,181	10,52,181	GST Amount to be	0	83,27,951	83,27,951	Total	4,36,00,000	5,57,19,553	1,21,19,553	<p>The project “Rejuvenation of 14.5 MLD WTP at Peechi” was cancelled (decided to decommission the existing 14.5 MLD plant & build new 20 MLD plant) by the 6th SHPSC held on 26.08.2016 although it was approved in SAAP 2015-16. Apportioned cost for this project is Rs.3 Cr. out of the AS Amount of Rs.8 Cr. approved vide GO (Rt) No. 1329/2016/LSGD dated 26.03.2016. Hence there is Rs.3 Cr. savings in SAAP amount and the same can be utilized to meet the additional requirement of Rs.1.232Cr.</p>
Items	As per Original AS	Revised AS Proposal	Difference																															
Survey	1,07,26,000	1,07,26,000	0																															
GIS Solution	1,00,00,000	1,00,00,000	0																															
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GST Amount to be	0	83,27,951	83,27,951																															
Total	4,36,00,000	5,57,19,553	1,21,19,553																															

Deliberation: The Secretary, Thrissur Corporation informed as follows:
This type of a project is being implemented for the first time in the State of Kerala and the required level of expertise was not available with the ULB when the estimate for this project was prepared. Due to this, GST component was not included in the estimate and certain changes in the scope of work were required at a later stage. In

the tender documents as well as in the Agreement executed with the Contractor, the GST was mentioned as payable additionally. The revision of AS was required due to change in scope of work and due to the GST amount that is payable to the Contractor as per Contract conditions.

The Under Secretary, Finance Department opined as follows:

As per the prevailing Govt. Orders, the GST component should have been included in the estimate. As it was mentioned in the tender documents and in the Agreement conditions that the GST is payable additionally, the Contractor is eligible to get the GST amount as per the actuals.

The Mission Director informed as follows:

The 26th SHPSC had approved the revision of AS for the work to Rs.5.572 Cr. subject to the conditions that AMC shall be borne by the Corporation and that the GST may be allowed if the original AS & submission of tender bid by the Contractor was before the GST came into force. Later the ULB had informed that the revised AS amount has to be corrected to Rs.5.592 Cr. from Rs.5.572 Cr. due to a mistake in the calculation of GST amount.

Decision: The Committee decided to make the following recommendations to the SHPSC:

- (1) Allowing of payment of GST to the Contractor.
- (2) Correction of revised AS amount to Rs.5.592 Cr. from Rs.5.572 Cr. subject to the condition that the AMC cost shall be borne by the ULB.

Agenda Item No.5.5: Approval for Changing the Beneficiary Contribution Percentage of the Project from 25% to 10% – Water Supply Sector – Kollam Corporation – Rain Water Harvesting Phase-I & II:

Details of Work	Reason	Source of Fund
Work: Rain Water Harvesting Phase-I <ul style="list-style-type: none"> • SAAP: 2015-16 • AS Details: G.O (Rt) No. 3530/ 2017/ LSGD dated 02/11/2017 for Rs.2.667 Cr. • Fund from AMRUT (75%): Rs.2.00 Cr. • Beneficiary Contribution (25%): Rs.0.67 Cr. • Unit Cost: Rs.13000 • Beneficiary Contribution for 1 unit @ 25 % of unit cost • No of Units: 2053 nos. 	<p>This project was envisaged to install residential RWH units which could solve the scarcity of water during summer season to an extent. Unit cost of the Rain Water Harvesting (RWH) is Rs.13000 where 25% (Rs.3250) of this unit has to be borne by each beneficiary. 2052 connections are proposed in the scheme.</p> <p>The work was awarded to Socio Economic Unit Foundation on 25-01-2019. The idea of finding beneficiaries was through Councillors, allocating equal number of units to all the divisions. Till date only 55 applications have been received in place of the needed 4106 numbers (Phase- I & II together). Many initiatives were taken by the Corporation to get sufficient number of applications by convening meetings with clubs, residential association etc. The Council dated 30-06-2021 discussed this matter and its importance especially at this stage as the Jal Jeevan Mission (Urban) has been launched recently. The Council decided to reduce the beneficiary contribution as 10% (Rs.1300) and to request SHPSC AMRUT/ Govt. of Kerala to sanction the same. When the beneficiary contribution is reduced to 10%, only 3418 beneficiaries will be catered in place of the original proposal of 4106 beneficiaries.</p>	<p>It is proposed to reduce number of beneficiaries. Hence no additional financial commitment.</p>
Work: Rain Water Harvesting Phase-II <ul style="list-style-type: none"> • SAAP: 2016-17 • AS Details: G.O (Rt) No. 3530/ 2017/ LSGD dated 02/11/2017 for Rs.2.667 Cr. • Fund from AMRUT (@ 75%): Rs.2.00 Cr. • Beneficiary Contribution (@ 25%): Rs.0.67 Cr. • Unit Cost: Rs.13000 • Beneficiary Contribution for 1 unit @ 25 % of unit cost: Rs.3250 • No of Units: 2053 nos. 		
As Per New Proposal: <ul style="list-style-type: none"> • Unit Cost: Rs.13000 • Beneficiary Contribution for 1 unit @ 10% 		

<p>of unit cost: Rs.1300</p> <ul style="list-style-type: none"> • Fund from AMRUT (@ 90%): Rs.2.000 Cr. • Total Amount for the Project: Rs.2.222 Cr. • Total Beneficiary Contribution: Rs.0.222 Cr. • No of Units for a Project: 1709 nos. • No of Units for both the Projects: 3418 nos. <p>Council Decision: The Council approved the proposal to reduce the beneficiary contribution to 10%, vide Resolution No.3, dated 30.06.2021 (Annexure-28)</p>		
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Deliberation: The Chair asked whether any norms for beneficiary contribution are there in the AMRUT Guidelines. The Managing Director, AMRUT informed that no specific details are provided regarding beneficiary contribution in the AMRUT guidelines. The Managing Director, AMRUT and the Secretary, Kollam Corporation clarified that the project cost is inclusive of Central, State, ULB, and beneficiary contribution. The unit cost of the scheme remains same (Rs.13000 per connection). The AS amount will have to be increased to keep the total number of connection intact (4106nos). To avoid this, the number of connections has been limited to 3418 nos. The Chair asked the Secretary, Kollam Corporation to ensure Rain Water Harvesting structures while issuing new building permits.

Decisions: The Committee decided to recommend the reduction of beneficiary contribution to 10% from 25% for the projects, 'Rain Water Harvesting Phase-1' under SAAP 2015-16 and 'Rain Water Harvesting Phase-2' under SAAP 2016-17 to the SHPSC.

Agenda Item No.5.6: Approval to Take Up a New Project for Constructing Foot Path - Using the Savings from the project "SAAP 2016-17 – Kollam Corporation – Construction of foot path in 5 different locations":

Details of Work	Reason	Source of Fund
<p>Work: SAAP 2016-17 -Kollam Corporation - Construction of foot path in 5 different locations".</p> <p>AS Details: G.O (Rt) No. 3652/ 2017/ LSGD dated 13/11/17 for Rs.1.945 Cr.</p> <p>Amount Utilized: Rs.0.087 Cr.</p> <p>Balance Amount: Rs.1.858 Cr.</p> <p>New Proposal:</p> <p>Construction and Renovation of Footpath and supporting structures - Phase V- Chinnakkada - Thamarakkulam Area</p> <p>Amount of the Work: Rs.1.697 Cr.</p> <p>Council Decision: The Council approved the proposal to take up the new project for constructing footpath, vide Resolution No.9, dated 30.06.2021 (Annexure-29)</p>	<p>The project "Construction and Renovation of Foot Path and supporting structures - Phase IV" was included in the SAAP 2016-17. AS was issued for this package for an amount of Rs.1.945 Cr. for 5 stretches for constructing footpath. But 2 of them were rejected by the technical committee formed by the AMRUT Mission, prior to the screening for TS. The remaining AS amount was 1.784 Cr and these 3 stretches are:</p> <p>(i) Kachery to Collectorate - Rs.1.259 Cr.</p> <p>(ii) Kacheryto Hospital Road -Rs.0.420 Cr.</p> <p>(iii) AR Camp to YMCA Road - <u>Rs.0.105 Cr.</u></p> <p>Total - Rs.1.784 Cr.</p> <p>The Contractor for this project was Mr. P T Mathew. AS he delayed the commencement of the work and completed the third stretch AR Camp to YMCA Road, the other stretches were done by PWD who is the custodian of these roads. Hence savings came for an amount of Rs.1.697 Cr. Council dated 30.06.2021 decided to close this project and to execute the following stretches as new project utilizing the savings from this project and to request SHPSC for sanction to take up a new project for the constructions of footpaths.</p> <p>Name of the proposed project: "Construction and Renovation of Footpath and Supporting Structures – Phase-V- Chinnakkada - Thamarakkulam Area. DPR (Annexure-30) for the same was submitted the ULB.</p>	<p>No additional fund requirement.</p>

	<p>Amount of the Work: Rs.1.697 Cr.</p> <p>Stretches:</p> <p>(i) Chinnkada to Joy Alukkas both sides - 840 m</p> <p>(ii) St.Joseph Convent school to Victoria Hospital RHS - 240 m</p> <p>(iii) Payikkada to Mahalekshmi Market - 1st left cross road both sides - 226 m</p> <p>(iv) Payikkada to Mahalekshmi Market last both sides - 340 m</p> <p>(v) From Mahalekshmi Market to Chinnkada both sides - 130 m</p> <p>(vi) Mahalekshmi Market to Muthumarikovil both sides - 90 m</p> <p>(vii) Fire Station to Beach Road both sides - 1550 m</p>	
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Deliberation: The Chair asked the Secretary Kollam Corporation to check the possibility of taking an innovative project. The Mission Director, AMRUT directed the Secretary, Kollam Corporation to inform the matter to the Council and inform the decision in this regard to the Mission Directorate before the next SHPSC.

Decision: The Committee decided to ask the Corporation Council to rethink and come up with a single, unique project instead of splitting the works in to various number of routine footpaths.

Agenda Item No.5.7: Kochi Corporation - Approval to Take Up a New Project - Construction of "Mahakavi. G Smarakom Park" in place of the project "New Park at Vyttila near Chelavanoor Canal" - under Open Space & Park Sector:

Details of Work	Reason	Source of Fund
<p>Project to be cancelled : SAAP 2017-18 - Kochi Corporation - New Park at Vyttila near Chelavanoor Canal".</p> <p>AS Details: G.O (Rt) No. 1499/ 2018/ LSGD dated 31/05/18 for Rs.1.268 Cr.</p> <p>Council Decision: The Council approved the proposal to take up the new project for constructing Park, vide Resolution No.194, dated 30.06.2021 (Annexure-31)</p>	<p><u>Reason for cancellation of New Park at Vyttila near Chelavanoor Canal</u></p> <p>The Kochi Corporation had submitted the application and requisite fees to NCESS for getting "Status Report" on 09/08/2019. They visited the site only on 2/2021. The status report was required for obtaining the CRZ clearance from KCZMA.</p> <p>The Status report is not prepared by NCESS till date and there is remote chance to complete the project during the Mission period. Hence the Council decided to cancel the present proposal and to take up a new proposal vide its resolution no. 194 dated 30.06.2021, to avoid lapse of Central Assistance. It has been decided to construct a park in memory of great Malayalam poet Mahakavi G. Sankarakurup. The park comprises of Art Museum, Sound Museum, Poetry Museum, Open Air Theatre, Tranquillity Space, Forest Space, Knowledge Park, Toilet Block, Land Scaping, Garden, Benches, Fancy Lights etc. The location is proposed at Abraham Mandmakkan Road near Marine Drive. The cost of the project is 3.07 Cr.(DPR is enclosed as Annexure-31)</p>	<p>1) Savings from cancellation of New Park at Vyttila near Chelavanoor Canal - Rs. 1.268 Cr.</p> <p>2) Savings in the same sector and Corporation Own Fund - 1.802 Cr.</p> <p>Total fund- Rs.3.07 Cr.</p>

Decision: The Committee decided to recommend to SHPSC for cancelling the project –“New Park at Vyttila near Chelavanoor Canal” under Open Space & Park Sector. The Committee also decided to recommend to SHPSC for taking up a new project namely, “Construction of G Smarakom Park” under Open Space & Park Sector in place of the above-mentioned project for an AS amount of Rs.3.07 Cr. subject to the condition that the additional fund requirement over and above Rs.1.268 Cr. shall be met from the savings in the same sector or from the Corporation’s own fund.

Agenda Item No.6: Decision on Meeting the 'over and above' cost claimed by NRSC with regard to procurement of satellite imagery under the sub-scheme of Formulation of GIS Based Master Plan for AMRUT Cities:

The Chief Town Planner (Planning), Thiruvananthapuram, vide Letter No. TCPCTP/ 1572/ 2020/ F1 dated 14.06.2021 (Annexure-32) requested to place the agenda before the SLTC for taking a decision on release of 'over and above cost' to SLTC. The scheme of preparation of GIS based Master Plans for AMRUT cities has three components- viz Creation of Geo-database, Preparation of GIS based Master Plan and Capacity Building. The works under the component of creation of Geo-database was assigned to National Remote Sensing Centre, Hyderabad (NRSC) by the Town and Country Planning Organization, New Delhi (TCPO) working under the Ministry of Housing and Urban Affairs, Government of India; and the remaining two components were taken up by LSGD (Planning) (former Department of Town and Country Planning), which is the State Level Nodal Agency (SLNA) for the Scheme.

For the preparation of pre-field maps as part of creation of the Geo-database for AMRUT cities, procurement of satellite imagery was done by NRSC. In the National Meet on 'Scheme of preparation of GIS based Master Plans for AMRUT cities' held on 13.05.2016, guidelines was provided for calculating the Area of Interest (AoI), as per which an area including a minimum of 5km buffer around the planning area was specified as the AoI. Usually such buffer area is used in planning for assessing the influence of the facilities located in the buffer area to the planning area. Accordingly, the SLNA submitted the AoI as the planning area plus 5km buffer area, to NRSC for procuring the satellite imagery. Later on, the buffer area was reduced to a smaller area (approximately 1km around the planning area) after discussion with NRSC and the revised AoI as approved by NRSC, was forwarded to District Offices of LSGD (Planning) with direction to report whether the revised AoI covers the planning area and is sufficient for Master Plan preparation. Based on report from District Offices, Chief Town Planner (Planning) intimated NRSC on 15th December 2016 that the AoI marked are sufficient for preparation of Master Plans. The State Action Plan for the Scheme was recommended to SHPSC by the SLTC during its 5th meeting held on 24th January 2017; and based on approval and recommendation of SHPSC, first instalment was released by MoHUA, GoI as per order dated 18th October 2017. Thus, NRSC proactively procured pre-field maps prior to the preparation and approval of the State Action Plan (SAP).

Government of India releases funds under the scheme based on the estimate included in the SAP for the three components (Geo database creation, Master Plan preparation and Capacity building) as approved and recommended by SHPSC for AMRUT. The SAP was prepared as per the template forwarded by TCPO as per the letter no. F. No. 2-11/155/2015/AMRUT/URIS/TCPO (PT-1) dated 29.06.2016. In the SAP, the details of Area of Mapping (instead of the term AoI) was required to be furnished, which was shown as area of the planning area (ie. area of LSGs concerned) based on telephonic instructions received from TCPO. Thus the Area of Mapping (AoM) as per the SAP did not include buffer area.

GoI released funds directly to NRSC for Geo-database creation based on the Area of Mapping as per the approved SAP. Vide email dated 30.07.2020, NRSC requested TCPO to release the cost of Rs.38,79,167.60/- pertaining to the additional area of 436.45km² (buffer area) as 'over and above cost'. TCPO had forwarded this claim of NRSC to SLNA. On receipt of this letter, Chief Town Planner (Planning) (Nodal Officer of the Scheme) requested TCPO to negotiate with NRSC to waive of this 'over and above cost' for the reasons that the Geo-database updating works were finally done by this Department using its GIS capabilities and by engaging external personnel, additional cost and labour was incurred in ground truthing due to supply of prefield maps prepared by NRSC based on very old satellite imagery etc; TCPO forwarded the request of Chief Town Planner (Planning) to NRSC and NRSC, inturn informed that this 'over and above cost' cannot be waived of and has to be paid to them.

According to the Scheme guidelines, the third instalment will be released by GoI only on completion of draft Master Plan. Since additional expenditure was incurred by the SLNA in terms of updating of Geo-database, the SLNA was in short of fund to complete the preparation of draft master plan. This matter was presented before the third Monitoring and Review Committee (MRC) meeting of the Scheme and based on the decision of this MRC meeting, amount required to meet the shortage of fund was borrowed from the Reform Incentive fund and own fund of the respective local bodies. On completion of draft Master Plans for the nine AMRUT Cities and based on the recommendation of 4th and 5th meeting of the MRC, Government of India have released third instalment to Government of Kerala vide order dated 31.05.2021. As informed by the Chief Town Planner (Planning), the third instalment of fund is required to meet the following activities:

- i. Works in connection with sanctioning of Master Plans including modification of draft Plan to include additional components like hazard vulnerability assessment, risk zonation and preparation of Priority Action Plan etc; as required under the amendment to KTCP Act 2016 (sanctioning of Master Plans is a pre requisite for release of 4th (final) instalment of fund).
- ii. Payment due to NATPAC for the Traffic and Transportation studies done for 6 AMRUT cities (2nd and 3rd instalments are due for payment)
- iii. Payment of pending salary to contract staff who worked without salary for completing the draft master plan.

In addition to this, funds borrowed from local bodies from their own fund have to be reimbursed. In this circumstance, any shortage of fund at this stage towards finalization and sanctioning of Master Plan may adversely affect the release of final instalment from TCPO. Chief Town Planner (Planning) has assessed various options for payment of the 'over and above cost' including payment from Plan funds of the department, payment from third instalment of central grant etc. Chief Town Planner (Planning) has informed that Plan fund of the Department is not adequate to meet even the expenses of approved components of the Plan Schemes. Also, the third instalment is insufficient to meet the committed expenses, as specified above. Hence, no options are left with the SLNA to pay the 'over and above cost' as claimed by NRSC. SLNA has requested AMRUT Mission Director to intimate whether this 'over and above cost' of Rs. 38,79,167.60/- (Rupees Thirty Eight Lakhs Seventy Nine Thousand One Hundred and Sixty Seven and Sixty Paise only) can be met from the A&O E cost of AMRUT or the reform incentive fund with the AMRUT Mission Director.

Decision: The Committee decided to recommend the payment of the 'over and above' cost of Rs.38,79,167.60/- (Rupees Thirty Eight Lakhs Seventy Nine Thousand One Hundred and Sixty Seven and Sixty Paise only) demanded by NRSC as part of formulation of GIS based Master Plan for AMRUT cities to SHPSC for meeting the cost from Reform Incentives Fund of AMRUT.

Agenda Item No.7: Design, Development and Implementation of Online Profession Tax Payment system for all Urban Local Bodies in Kerala

Profession tax is a tax levied by the State Government on salaried individuals, working in government or non-government entities, or in practice of any profession or carry out some form of business. Considering profession tax as the major source of income of the Urban Local Bodies in Kerala, in the meeting held on 20.09.2019 at the chamber of Additional Chief Secretary, LSGD it has been decided to implement an Online Profession Tax Payment System exclusively for the urban local bodies in Kerala. It includes 87 municipalities and 6 corporations in Kerala. IIITMK has been invited for the development of this project and a prototype model has been developed and implemented in all Municipal Corporations. Based on the success, the Statewide roll out including all the urban local bodies is envisaged and a proposal for the same has been submitted by the IIITM-K (Annexure 33).

The total scope of the project includes

1. To study the functional requirements for the implementation of online profession tax payment system for all urban local bodies in Kerala
2. To design, develop and implement web based Online profession tax system (<https://www.professiontax.lsgkerala.gov.in>) and integrate the respective bank payment gateway for all urban local bodies in Kerala with analytical MIS dashboard for organizations, individuals, Urban LSGD officials, Corporation and Municipal Secretaries and other department officials.

The major functionalities and features of the proposed portal are:

- a. The portal will have the provision for the individuals and organizations to register their details. It includes the organizations with their employee details and pay details, individuals with their designation and pay details etc.
 - b. Each registered users (individual and Organizations) will get an access to the portal, upload the necessary details and pay the profession tax for the particular period
 - c. The concerned secretaries of the urban local bodies can register to the portal and access to the MIS dashboard of the respective urban local body and see the real time status of online profession tax payment
 - d. The portal will integrate the secured payment gateway of the selected bank and the registered users can remit their profession tax through this payment gateway.
 - e. The portal will provide dynamic analytical dashboard which will give real time progress of the payment under each urban local bodies.
 - f. The system will cover all the urban local bodies in Kerala
3. To provide necessary virtual training and facilitation support for secretaries and urban local body officials to access the system and MIS reports.

As per the proposal submitted by the Director IIITM-K, the total project consultancy cost is estimated as Rs.15,34,000 (Rupees Fifteen lakh Thirty Four thousand only). The cost includes technical manpower, institute overhead,

stationery & communication, faculty supervision cost, training, maintenance cost (recurring) Security audit charges (through CERT empanelled agency) and GST 18% etc.

Meanwhile it has been understood that the expenditure in this connection can be met from the "AMRUT Reform Incentives". It was necessary to issue work order to the IIITM-K for the design, development and implementation of Online Profession Tax Payment system for all Urban Local Bodies in Kerala and in order to avoid further delay, in the meeting conducted on 25.06.2021 on Ease of Doing Business, Additional Chief Secretary, LSGD directed to get sanction for funds from AMRUT by moving the file to the Chief Secretary and place the matter for ratification in the SHPSC.

Vide reference letter no. CBE/SMMU/A/21/2016 dated 08th July 2021 from Mission Director, AMRUT, it has been informed that the Chief Secretary has approved the request to release the amount of Rs.15,34,000/- from AMRUT Reforms Incentives. Hence, work order for the design, development and implementation of Online Profession Tax Payment system has been issued to the Director IIITM-K as per letter no. G1-19695/2019 dated 14th July 2021 of the Director of Urban Affairs. **The agreement for implementing the project will be executed and payment will be made soon.**

Decision: The Committee took note of the decision taken by the Chief Secretary to release the amount of Rs.15,34,000/- to IIITM-K from AMRUT Reforms Incentives for the design, development and implementation of Online Profession Tax Payment System for all Urban Local Bodies in Kerala and recommended to place the same before SHPSC for ratification.

Agenda Item No.8: Jal Jeevan Mission (Urban)/ AMRUT 2

In order to improve ease of living in water sector from 500 AMRUT cities to all statutory towns, next level of flagship mission of Ministry of Housing & Urban Affairs, Jal Jeevan Mission (Urban) has been announced by the Government of India. This will also ensure 100% coverage of sewerage/ Septage management in 500 AMRUT cities.

Jal Jeevan Mission (Urban)/ AMRUT 2 has been announced with an **indicative outlay of Rs.2.77 Lakhs Crores including central share of ₹ 76,760 Crore for five years from FY 2021-22 to FY 2025-26** aimed at making our cities water secure through universal water supply in all 4,378 urban local bodies and 100% liquid waste management in 500 AMRUT cities.

The Ministry is in the process of finalizing Guidelines for the implementation of Jal Jeevan Mission (Urban). In this regard, a virtual discussion on the draft guidelines of Jal Jeevan Mission (Urban) / AMRUT 2.0 was held on 12th July, 2021. Draft guidelines are enclosed as Annexure-34. In Kerala, AMRUT 2 mission will ensure water secure in 93 Urban Local Bodies and 100% coverage of sewerage/ Septage management in 9 AMRUT cities. It was verbally informed during the virtual discussion that the programme outlay would be twice of AMRUT-1. States and ULBs will sign a Memorandum of Understanding (MoU) with MoHUA. Signing MoU shall be an agreement to fulfill following conditions by the State/ ULBs.

The projects under JJM will be prioritized based on following outcomes with the focus on improving sustainability and efficiency in water sector:

- Universal coverage of water supply;
- Sewerage, septage management and recycle/ reuse of treated used water; and
- Rejuvenation of water bodies and creation of green spaces.

The water supply sector is assigned a weightage of 55%, sewerage/ Septage of 40% and Rejuvenation of Water bodies- 5%.

Mission has a reform agenda focused towards financial sustainability and water security of ULBs. Meeting 20% of water demand through recycled water, reducing non-revenue water to less than 20% and rejuvenation of water bodies are major water related reforms. Reforms on property tax, user charges, and enhancing credit worthiness of ULBs and urban planning are other important reforms. Mission will encourage entrepreneurship / start -ups involved in low-cost indigenous equipment and processes. Technology Sub-Mission will encourage start up ideas and private entrepreneurship and commissioning them into the pilot projects after screening of expert committee. Sub-Mission will also encourage innovative light house projects which will be partly funded.

An additional allocation of ₹ 21,000 crore with central share of ₹ 10,000 crore has been provided to complete the ongoing AMRUT projects up to 31st March 2023. **No funds will be released on any AMRUT project incomplete by that date and it will become the responsibility of the State/ UT to complete them from their own resources.**

Capacity building programs will be conducted for training of all stakeholders including contractors, plumbers, plant operators, students, women and citizens. Technical institutions will be roped in for assessment of Mission outcomes. Students will be engaged for survey of projects and outputs through Gig economy model.

Funding for Projects

- ULBs Central share Union Territories - 100%
- project funds by Centre North eastern States and Himalayan States - 90% of the project funds by Centre
- For cities with less than one lakh population - 50% of the project funds by Centre
- For cities with population one lakh to ten lakh (both included) - 1/3rd of the project funds by Centre
- For cities with population more than ten lakh -25% of the project funds by Centre (except for projects taken up under PPP mode)

Grants under XV Finance Commission are tied to achieving outcomes in water supply and sewerage sectors same as those covered under JJM(U). State Government will ensure that tied grants to the local bodies are scrupulously utilized to achieve the outcomes common between XV FC and JJM(U).

As per the draft guidelines, detailed City Water Balance Plans (CWBP) and City Water Action Plan (CWAP) covering proposed projects in the thrust areas need to be submitted through online portal. CWBPs shall comprise details of water sources including water bodies, water treatment and distribution infrastructure, area-wise water coverage, status of NRW and sewerage network including STPs etc. Baseline data on household water tap and sewer/ septage connections in the cities need to be compiled and gaps in service delivery to be worked out. Based on assessed gaps, potential projects shall be identified targeting functional outcomes.

Institutional Mechanism:

A three-tier institutional mechanism has been devised for implementing the Mission.

National Level-An Apex Committee (AC) chaired by the Secretary, MoHUA and comprising representatives of related Ministries and organizations will monitor Mission.

State Level

- **State level High Powered Steering Committee (SHPS)**. Chief Secretary of State will steer the Mission program at State level.
- **State Mission** will be led by State Mission Director, who will be an officer not below the rank of Secretary, nominated by the State Government. The State Mission Directorate will be responsible for developing DPRs and bid documents with the help of ULBs & PDMCs and forwarding them to the SLTC for technical approval. State Mission director may seek guidance from SHPS to ensure speedy implementation of JJM(U).
- **State Level Technical Committee (SLTC)**. States shall appoint SLTC which will be primarily responsible for technical appraisal of DPRs and tender documents.
- **Project Development and Management Consultant (PDMC)** The PDMCs may be procured by the States through a contract, model Request for Proposal (RfP) for which is available in Mission toolkit. Each PDMC will have one State office at State capital comprising of Management and Design professionals and multiple field offices comprising of project implementation professionals. Professionals at State capital will travel to Mission cities as per the work requirement. The scope of PDMCs will broadly cover Planning, Design, Supervision and Management of Projects. They will prepare CWBPs, CWAPs and SWAPs and carry out investigation, design, procurement, and implementation using PMIS / latest IT tools and techniques. PDMCs shall explore the possibility of Public Private Partnerships (PPP) in project implementation. PDMCs will prepare Detailed Project Reports (DPRs), which shall include financial plan and O&M strategy for complete life cycle of projects. Based on approved DPRs, PDMCs will provide bid documents and support States/ULBs in procurement of contracting firms. They will subsequently provide extensive support to ULBs/State parastatal for project implementation.
- **ULB level At the City level.** The ULB represented by Municipal Commissioner/ administrative head of ULB, etc. will be responsible for implementation for Mission
- As per clause 15.1.1 of Annexure 1, each ULB to have a Nodal person (Project Manager) - The chosen person shall be responsible and accountable for all activities, such as proper DPR to avoid revisions, proper estimates to ensure tenders are competitively quoted, adhering to time lines for completion within scheduled period and up keep of all records and closure documents etc. In order to ensure that preparatory ground work is completed for the implementation of JJM, Kerala Water Authority has been requested to initiate steps to collect the data as detailed in the Annexures of draft guidelines and thus enable the State for the timely submission of City Water Balance Plans (CWBP) and City Water Action Plan (CWAP) for all the 93 Urban Local Bodies.

Decision: The Committee took note of the draft guidelines of Jal Jeevan Mission/ AMRUT 2

Agenda Item No.9: Request for consideration in adopting DSR 2018 for Estimation in KWA

The MD, KWA vide letter No. KWA/ JB/ P1/ 675/ 2015-16/ Part -1/ Vol-II dated 22.7.2021 (Annexure 35) has submitted a note on adopting DSR 2018 for Estimation in KWA for consideration. It is reported as follows;

Presently, Kerala Water Authority is using DSR 2016 for preparing estimates for all projects including Jal Jeevan Mission (Rural). Now, it has come to the notice that, for a number of works, the amount corresponding to DSR Estimate amount plus 10 (ten) percent falls below the LMR Estimate, due to the price escalation of various construction materials and subsequent increase in LMR amounts. The price increase has happened mainly due to the spread of the Covid pandemic and related lockdowns in 2020 and 2021.

As per the prevailing orders, it is not possible to award the work above DSR Estimate amount plus 10 (ten) percent, even if it is below the LMR Estimate amount. Due to the above price escalation, contractors are quoting high rates that are more than 10 (ten) percent above the DSR Estimate in many cases and are not willing to take up the works at rates below the LMR estimates. This has led to a stalemate like situation in which a number of works cannot be awarded, thus affecting the time bound implementation of various projects including work under JJM. In these circumstances, it is requested by MD, KWA that, the Government may issue directions to adopt DSR 2018 for estimation of projects in Kerala Water Authority, at the earliest. Meanwhile, Kerala Water Authority has revised the KWA Approved Market Rates on 30.04.2021, the ratification of the same is now under consideration of the Finance Department, Government of Kerala.

Deliberation: The MD, KWA informed that DSR-2016 is being followed by KWA for preparing estimates. Now due to price escalation of various items the LMR has increased. As a result, for the tenders floated for KWA works either no bid is received or very high bids are received. This has affected the award of various KWA works. Hence it would be better if DSR-2018 rates are adopted at the earliest. The KWA has approached the Govt. for approval of the same.

Decision: The Committee decided to recommend to SHPSC for considering the request from KWA to adopt DSR 2018.


Mission Director
AMRUT


Secretary
LSGD (Urban)



21st SLTC Meeting of AMRUT held on 27.07.2021

S.No.	Name	Designation
1	Sri. Saurabh Jain IAS	Secretary, Local Self Government (Urban) Department
2	Sri. Pranab Jyothi Nath IAS	Secretary, Water Resources Department
3	Sri. Venkatesapathy S., IAS	Managing Director, KWA
4	Dr. Renu Raj IAS	Mission Director, AMRUT
5	Smt. Sreeja	Joint Secretary, Power Department
6	Sri. Pradeep Kumar	Under Secretary, Finance (Expenditure) Department
7	Smt. Mini	Additional Secretary, Revenue Department
8	Sri. Jahangir	Programme Officer, Kudumbashree
9	Sri. Jiji George	Chief Town Planner
10	•Sri. Johnson K	Chief Engineer, LSG Department
11	Sri. Ajith Ramachandran	Chief Engineer, PWD(Roads)
12	Johnson K	Chief Engineer, LID & EW
13	Charles AL	Deputy Mission Director, AMRUT
14	A S Naisam	Secretary, Kochi municipal corporation
15	Binu Francis	Secretary, Thiruvananthapuram Corporation
16	Neethulal B	Secretary, Alappuzha Municipality
17	Vinu C Kunjappan	Secretary Thrissur Municipal Corporation
18	Sajeev P K	Secretary, Kollam Corporation
19	Saju David	Secretary, Kannur Corporation
20	D.Jayakumar	Secretary Palakkad Municipality
21	V P Shibu	Secretary, Guruvayur Municipality
22	Smt.Beena A	Superintending Engineer, Kannur Corporation.
23	Ragesh P	Executive Engineer, Kannur Corporation
24	Valsan PP	Executive Engineer, Kannur Corporation
25	Leela E	Municipal Engineer ,Guruvayur Municipality
26	KC Subramanyan	Municipal Engineer ,Palakkad Municipality
27	Dileep M S	Superintending Engineer, Kozhikode Corporation
28	Sri. Vijayakumar	Urban Infra Expert SMMU
29	Smt. Ashida AG	Urban Planner SMMU
30	Sri. Ramu Vinayak S	Urban Planner SMMU
31	Smt. Sathi Kumari	Capacity Building & Institutional Strengthening Expert Expert, SMMU
32	Sri. Sijo VS	Municipal Finance Expert, SMMU
33	Sri. Sajimon	IT/ Monitoring & Evaluation Expert, SMMU
34	Saji.K.George	Urban Infra structure Expert,CMMU,Kollam
35	Aswathy V S	Urban Planner, CMMU, Kollam
36	Jaysree V	Urban Planner CMMU Alappuzha
37	Adarsh Devaraj	Urban Infrastructure Expert CMMU Alappuzha
38	Abhilashmon K S	Urban Infrastructure Expert, CMMU Kozhikode
39	Ramkumar P	Urban Planner, CMMU Kozhikode
40	Rilsin PR	Urban Planner,CMMU Kannur
41	Dileep.R	Urban Infrastructure Expert, CMMU Kannur
42	Rahul N	Urban Infrastructure Expert, CMMU Thrissur
43	Rehmath P J	Urban Planner,CMMU Thrissur
44	Girish kumar M	Urban Infrastructure Expert, CMMU Thiruvananthapuram
45	Sadiq Abdul Vahab	Urban infrastructure Expert,CMMU Palakkad
46	Vishnu S Narayanan	Environmental Expert ,CMMU Palakkad
47	Santhosh A K	Urban Planner CMMU Kochi
48	Sijkumar T K	Urban infrastructure Expert,CMMU Kochi