

20th STATE LEVEL TECHNICAL COMMITTEE (SLTC)

AGENDA NOTES



Date: 17.02.2021 at 12Noon

Venue: Chamber of the Principal Secretary, LSGD (Urban)

Local Self Government Department, Government of Kerala

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Agenda Item No.1: APPROVAL OF MINUTES OF THE 19th MEETING OF SLTC:

The minutes of the 19th SLTC meeting of AMRUT held on 14th August 2018 is enclosed as Annexure - 1

Decision to be taken: *The Committee may take note of the minutes and approve the same.*

Agenda Item No.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 25th SHPSC:

The 19th SLTC was held on 14.08.2018. All the recommendations made by the Committee were placed before the SHPSCs and necessary sanctions obtained.

Agenda Item No.3: PROGRESS OF ACTIVITIES

ULB WISE PROGRESS (as on 15.02.2021)

(Amount in Cr.)

City	Total Projects		AS Accorded		TS Issued		Tendered		Work awarded		Work Completed	Expenditure	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount	%
Alappuzha	196	222.70	196	222.70	192	215.80	192	215.80	185	195.39	123	147.01	66.01
Guruvayur	34	203.10	34	218.30	33	213.71	33	213.71	33	213.71	10	123.59	56.61
Kannur	38	225.72	38	225.67	38	198.64	38	198.42	37	172.26	21	120.40	53.35
Palakkad	153	221.76	153	221.63	153	201.77	152	199.87	151	176.88	82	101.99	46.02
Trivandrum	270	357.50	270	357.35	270	331.24	270	331.24	258	304.83	191	161.37	45.16
Thrissur	110	269.93	110	259.87	109	238.23	109	238.23	108	191.93	66	115.49	44.44
Kochi	98	328.77	98	272.06	98	264.46	98	264.46	95	216.23	66	112.73	41.44
Kozhikode	50	274.76	50	284.64	50	283.95	50	278.72	48	160.95	33	101.04	35.50
Kollam	60	253.45	60	212.94	60	207.91	60	207.91	56	177.39	28	49.77	23.37
KERALA	1009	2357.69	1009	2275.16	1003	2155.70	1002	2148.35	971	1809.57	620	1033.39	45.42

SECTOR-WISE PROGRESS (as on 15.12.2021)

(Amount in Crore)

SECTOR	Total projects		AS Accorded		TS Issued		Tendered		Work Awarded		Work Completed	Expenditure	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount	%
Water Supply	175	1081.04	175	1119.60	173	1089.45	173	1084.22	170	1054.49	84	692.26	61.83
Sewerage	139	629.86	139	529.28	136	482.12	136	482.12	113	207.30	73	56.80	10.73
Drainage	499	385.20	499	378.07	498	349.10	498	348.88	497	338.56	377	203.67	53.87
Urban Transport	123	212.94	123	202.00	123	189.53	122	187.63	119	167.39	50	62.17	30.78
Green Space & Park	73	48.65	73	46.21	73	45.50	73	45.50	72	41.84	36	18.49	40.01
KERALA	1009	2357.69	1009	2275.16	1003	2155.70	1002	2148.35	971	1809.57	620	1033.39	45.42

AGENCY-WISE PROGRESS (as on 15.12.2021)

(Amount in Crore)

Implementing Agency	Sector	Total Projects	AS Accorded		TS Issued		Tendered		Work Awarded		Work Completed	Expenditure	
			Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount	%
KWA	Water Supply	165	165	1,098.57	164	1,073.16	164	1,067.93	161	1,038.38	84	691.12	62.91
	Sewerage	117	117	208.09	117	199.64	117	199.64	105	173.56	73	56.80	27.30
KWA -Total		282	282	1,306.66	281	1,272.80	281	1,267.57	266	1,211.94	157	747.92	57.24
ULB	Water Supply	10	10	21.03	9	16.29	9	16.29	9	16.11	0	1.14	5.42
	Sewerage	22	22	321.19	19	282.48	19	282.48	8	33.74	0	0.00	0.00
	Drainage	499	499	378.07	498	349.10	498	348.88	497	338.56	377	203.67	53.87
	Urban Transport	123	123	202.00	123	189.53	122	187.63	119	167.38	50	62.17	30.78
	Green Spaces & Parks	73	73	46.21	73	45.50	73	45.50	72	41.84	36	18.49	40.01
ULB -Total		727	727	968.50	722	882.90	721	880.78	705	597.63	463	285.47	29.48
Grand Total		1009	1009	2,275.16	1003	2,155.70	1002	2,148.35	971	1,809.57	620	1,033.39	45.42

Agenda Item No.4: PROJECTS BEING IMPLEMENTED BY KWA

Agenda Item No.4.1: AS Revision & tender excess of 3 sub works-SEW/ Septage 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.

Details of Work	Reason	Source of Fund
<p>The work -Laying transmission main and sewer networks in Block L (Edathara) - Collection and Conveyance System comprises of 6 sub works in Trivandrum City.</p> <ul style="list-style-type: none"> • SAAP: 2016-17 • Original AS: G.O(Rt) No: 3530/2017/ LSGD dated 02/11/2017 • Original AS AMOUNT: Rs. 25.00 Cr. (6 sub-works together) <p>Based on the 22nd and 23rd SHPSC decisions, AS for the work was revised due to the tender excess of following 2 sub works.</p> <ol style="list-style-type: none"> 1) Laying trunk main from Stilling chamber at Pulayanarkotta- MH10 of Pumping station at Edathara- 74.99 % tender excess- Work in progress. 2) Supply & laying trunk main from silting chamber at Udhaya Garden to MH-89- 10% tender excess- Work in progress. <p>Revised AS: G.O.(Rt)No.1672/2020/LSGD dated 16/09/2020</p> <p>Revised AS AMOUNT: Rs. 29.94 Cr. (6 sub-works together)</p> <p>The 6th sub work-Supplying & laying sewer line through Pettah-Venpalavattom road is in tender</p>	<p>KWA reported that the high quoted rates are due to the following:</p> <p><u>Sewer network from Pettah Arasumoodu junction to MH-7 Edathara pumping station (Package-4)</u></p> <ul style="list-style-type: none"> • Tender for the work was invited 3 times. In the 1st tender call on 9.10.2018, two offers with high quote received. Hence the bid was cancelled. • After revising estimate including GST, Tender invited on 20.09.2019, two offers with high quote received. Hence the bid was cancelled and retendered.(The lowest bidder Sri. Soman Nair quoted 18.89% above the tendered PAC). • This is the 3rd tender call (2nd tender-RT1).Two offers received. The same bidder Sri. Soman Nair quoted 31.5% above TPAC. • KWA reported that high tender excess is due to the following: <ul style="list-style-type: none"> • This work includes in the NGT short term measures and to be completed immediately. • This work is to be carried out in a narrow lane as well as slushy regions by the side of Amayizhanjanthodu. • The length of pipeline is 1915 m and has to construct 94 Nos of Manholes. The pipeline has to be laid by HDD method having depth about 9-10m in soft clay, may cause blowing in of slushy soil along with neighbouring compound wall and adjacent structures and may cause 	<p>50% Tender excess to be met by ULB and 50% tender excess to be met by State.</p>

stage.

Now KWA has reported that tender for the following 3 sub works were done separately.
Revision of AS is required due to the tender excess.

- 1) Sewer network from Pettah Arasumood junction to MH-7 Edathara pumping station (Package-4)
- *TS Amount – Rs. 4.93 Cr.*
 - *Tendered PAC –Rs.4.21 Cr. (DSR 2016)*
 - *Lowest Quote – Rs.5.53 Cr.*
 - *Tender Excess-Rs. 1.32 Cr. excess-31.5 % above PAC & 19.69% above LMR of Rs. 4.62 Cr.*

Additional Amount- Rs. 1.48 Cr. including GST of 0.16 Cr.

Revised Amount- Rs. 6.41 Cr.

- 2) Laying sewer network in L block (Edathara) from MH-110 to MH-150 (Package-5).
- *TS Amount – Rs. 1.76 Cr.*
 - *Tendered PAC –Rs.1.41 Cr. (DSR 2016)*
 - *Lowest Quote – Rs.2.02 Cr.*
 - *Tender Excess-(Rs. 0.61 Cr. excess-43 % above PAC &23.17% above LMR of Rs. 1.64 Cr.).*

Additional Amount- Rs. 0.68 Cr. including GST of 0.07 Cr.

Revised Amount- Rs. 2.44 Cr.

- 3) Laying transmission main & sewer network in Block-L Edathara - Collection

damage to nearby structures. The cost of construction in this condition may be much higher than anticipated in the estimate.

- The construction of manholes in the highly water logged area may require high expertise than anticipated in the estimate.
- The work executed during rainy season may require more bailing out of water that anticipated in the estimate.
- Interference of labour union in this area may also be a reason for higher quote.
- The Contractor has to remove huge quantity of excess slush and earth during construction of manholes due to blowing in of soil in the marrow road that has to be conveyed to distant places than anticipated in the estimate may also be the reason for higher quote.

Laying sewer network in L block (Edathara) from MH-110 to MH-150 (Package-5).

- Tender for the work was invited 3 times. In the 1st tender call on 5.3.2019, two offers with high quote received. Hence the bid was cancelled.
- After revising estimate including GST, Tender invited on 17.8.2019, two offers with high quote received. Hence the bid was cancelled and retendered.
- 23rd SHPSC observed vide item 2.7.4.3 that L1 (Sri. Ashok Kumar) who quoted 25% above PAC in the 1st tender has quoted 45% above PAC in the 2nd tender. KWA Board had decided to retender the work.
- This is the 3rd tender call (2nd tender-RT1). Single offer received. The same bidder Sri. Ashok Kumar quoted 43% above TPAC.
- KWA reported that high tender excess is due to the following;
- The depth of excavation for laying pipe line is 4-4.5m. The pipe has to be laid along narrow road and there is

<p>&Conveyance System - Laying Sewer network by HDD method from MH-10 towards KIMS Hospital (Package-6).</p> <ul style="list-style-type: none"> • <i>TS Amount – Rs. 2.77 Cr.</i> • <i>Tendered PAC –Rs.2.18 Cr. (DSR 2016)</i> • <i>Lowest Quote – Rs.2.71 Cr.</i> • <i>Tender Excess-(Rs. 0.53 Cr. excess- 24.05 % above PAC &13.10% above LMR of Rs. 2.40 Cr.).</i> <p>Additional Amount- Rs. 0.59 Cr. Including GST of 0.06 Cr.</p> <p>Revised Amount- Rs. 3.66 Cr.</p> <p><i>Total Additional Amount required including GST- Rs.2.75 Cr.</i></p> <p><i>Revised AS Amount requested – Rs. 32.70 Cr.</i></p> <p>KWA Board Meeting held on 23/12/2020 (Annexure-02) decided to recommend award of works subject to the approval of SHPSC.</p>	<p>existing natural stream along the side of road. Excavation in soft clay may cause blowing in of slushy soil along with neighbouring compound wall and adjacent structures and may cause damage to nearby structures. The cost of construction in this condition may be much higher than anticipated in the estimate.</p> <ul style="list-style-type: none"> • The laying of pipelines in the highly water logged area may require high expertise than anticipated in the estimate. • The work executed during rainy season may require more bailing out of water than anticipated in the estimate. • Interference of labour union in this area may also be a reason for higher quote. • The Contractor has to remove huge quantity of excess slush and earth during construction of manholes due to blowing in of soil in the marrow road that has to be conveyed to distant places than anticipated in the estimate may also be the reason for higher quote. <p><u>Laying transmission main & sewer network in Block-L Edathara - Collection & Conveyance System - Laying Sewer network by HDD method from MH-10 towards KIMS Hospital (Package-6).</u></p> <ul style="list-style-type: none"> • Tender for the work was invited 3 times. In the 1st tender call on 19.3.2019, no offers received. Hence the bid was cancelled. • After estimate revision including GST, Tender invited on 17.9.2019, two offers with high quote (L1- CS Ashok Kumar-75.32%) received. Hence the bid was cancelled and retendered. • This is the 3rd tender call (2nd tender-RT1). Two offers received. The lowest bidder Sri. Soman Nair quoted 24.05 % above TPAC. <p>KWA reported that high tender excess is due to the following;</p> <ul style="list-style-type: none"> • This work includes in the NGT short term measures and to be completed immediately. 	
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	<ul style="list-style-type: none"> • The length of pipeline is 960 m and has to construct 33 Nos of Manholes. The pipeline has to be laid by HDD method having depth about 9-10m. The man holes have to be constructed along narrow road as well as along road by the side of stream. The excavation in this water logged area may cause blowing in of slushy soil along with neighbouring compound wall and adjacent structures and may cause damage to nearby structures. • The construction of manholes in the highly water logged area may require high expertise than anticipated in the estimate. • The work executed during rainy season may require more bailing out of water that anticipated in the estimate. • Interference of labour union in this area may also be a reason for higher quote. • The Contractor has to remove huge quantity of excess slush and earth during construction of manholes due to blowing in of soil in the marrow road that has to be conveyed to distant places than anticipated in the estimate may also be the reason for higher quote. 	
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SMMU Observation: *As per the GO. (P) No. 16/2017/Fin dated 06/02/2019(Annexure-03), the Maximum admissible tender excess shall be limited either to the quoted rate of the lowest bidder or local market rates or DSRplus 10% tolerance limit whichever is less. In case, the quoted rate of the lowest bidder is above DSRplus 10% tolerance limit, the tender inviting authority themselves shall re-tender the work without referring the case to higher authorities. If the quoted rate is still above allowable limit even after retendering, the competent authority shall rework the estimate, after giving due consideration to the site-specific conditions and fresh tenders shall be invited based on revised estimates.*

Decision to be Taken: The SLTC may take a suitable decision to recommend on the Revision of AS of the work to Rs. 32.70 Cr. and tender excess of 3 sub works viz- 1) Sewer network from Pettah Arasumoodu junction to MH-7 Edathara pumping station (Package-4), 2) Laying sewer network in L block (Edathara) from MH-110 to MH-150 (Package-5) 3) Laying transmission main & sewer network in Block-L Edathara - Collection & Conveyance System - Laying Sewer network by HDD method from MH-10 towards KIMS Hospital (Package-6) of 31.5%, 43.00% and 24.05% above the

TPAC respectively subject to condition that 50% tender excess shall be met by ULB and 50% tender excess to be met by State, subject to approval of Municipal Council. Additional financial commitment will be to the tune of Rs. 2.75 Cr.

Agenda Item No.4.2: AS Revision & tender excess of 2 sub works-SEW/ Septage 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 the 2 sub works of 40 % above the TPAC.

Details of Work	Reason	Source of Fund
<p>The work - 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) comprises of 4 sub works in Trivandrum City.</p> <ul style="list-style-type: none"> SAAP: 2017-18 Original AS: G.O(Rt) No: 3530/2017/ LSGD dated 02/11/2017 Original AS AMOUNT: Rs. 9.80 Cr. (4 sub-works together) <p>Based on the 22nd SHPSC decisions, AS for the work was revised due to the tender excess of following 2 sub work.</p> <p>A) 350mm DI K9 PM from well at Kulathoor to stilling chamber at Arasumoodu- 3.19 % tender excess- Work completed.</p> <p>C) Sewer transmission main to Kulathoor- 25.98 % tender excess- Work order issued. But Agreement not executed by the bidder. Tender cancelled. Work to be retendered.</p> <ul style="list-style-type: none"> Revised AS: G.O.(Rt)No.1672/2020/LSGD dated 16/09/2020 	<p>KWA reported that the high quoted rate is due to the following:</p> <ul style="list-style-type: none"> Tender for the work was invited for 7 times. 1st tender called on 28.04.2018. No offers received for first 3 tender calls. After estimate revision including GST, Tender invited and no offers received for first two tender calls. In the 6th call, two offers received. The L1 quoted 47% above TPAC. Hence the tender cancelled and retendered. This is the 7th tender call (3rdtender-RT2). Single offer received. The L1 bidder Sri. Anil Kumar quoted 40% above TPAC. KWA reported that high tender excess is due to the following; <ul style="list-style-type: none"> The area is extremely difficult to work as the water table is very high in 100% saturated condition in wet season even in dry season since the perennial stream Thettiyar thodu flowing beside the site. The area expected to have piping and quick sand condition, thus making the surrounding structures at risk. The retaining walls for the road as well as for the thodu are near to site. While taking estimate, it is given DSR provisions. But in reality 17 m deep excavation, even with adequate shuttering may cause movement/ collapse of nearby 	<p>50% Tender excess to be met by ULB and 50% tender excess to be met by State.</p>

<ul style="list-style-type: none"> • <i>Revised AS AMOUNT: Rs. 10.56 Cr. (4sub-works together)</i> <p>Now KWA has reported that the remaining 2 sub works were clubbed together and tendered;</p> <p>B) Well at Kulathoor</p> <ul style="list-style-type: none"> • <i>TS Amount – Rs. 3.00 Cr.</i> <p>D) Supplying and Erection of Pump sets, transformer and electrical accessories in the Kulathur Pumping Station.</p> <ul style="list-style-type: none"> • <i>TS Amount – Rs. 1.62 Cr.</i> • <i>Tendered PAC –Rs.3.994 Cr. (DSR 2016) clubbed together</i> • <i>Lowest Quote – Rs.5.59 Cr. (Rs. 1.79 Cr. excess Including GST of 0.19 Cr)</i> • <i>Tender Excess- Rs. 1.60 Cr (40 % above PAC)&28.15% greater than the TPAC based on LMR of Rs. 4,36,29,023/-</i> <p>Additional Amount required - Rs. 1.79 Cr including GST of Rs. 0.19 Cr.</p> <p>Revised AS Amount requested – Rs. 12.35 Cr.</p> <p>KWA Board Meeting held on 28/01/2021 (Annexure-04) decided to recommend award of works subject to the approval of SHPSC.</p>	<p>structures.</p> <ul style="list-style-type: none"> • The abrupt change in soil strata may lead to differential settlement of well during sinking and may cause tilting of well during construction. 	
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SMMU Observation: *As per the GO. (P) No. 16/2017/Fin dated 06/02/2019 (Annexure-03), the Maximum admissible tender excess shall be limited either to the quoted rate of the lowest bidder or local market rates or DSRplus 10% tolerance limit whichever is less. In case, the quoted rate of the lowest bidder is above DSRplus 10% tolerance limit, the tender inviting authority themselves shall re-tender the work without referring the case to higher authorities. If the quoted rate is still above allowable limit even after retendering, the competent authority shall rework the estimate, after giving due consideration to the site-specific conditions and fresh tenders shall be invited based on revised estimates.*

Decision to be Taken: The SLTC may take a suitable decision to recommend on the Revision of AS of the work to Rs. 12.35 Cr. and tender excess of two sub works - Well at Kulathoor & Supplying and Erection of Pumpsets & transformer and electrical accessories in the Kulathur Pumping Station 40% above the TPAC **subject to the condition that 50% tender excess shall be met by ULB and 50% shall be met by ULB subject to the approval of Municipal Council. Additional financial commitment will be to the tune of Rs. 1.79 Cr.**

Agenda Item No.4.3: Request to take up remaining Sewerage network under AMRUT-Kollam Corporation –SEW/ Septage Sector- Request to take up remaining Sewerage network worth Rs.93.612 Cr.

The Secretary, Kollam Corporation has requested vide letter NoCSSS1/48036/15 dated 9.02.2021(Annexure-05) for taking up the remaining Sewerage network under KSUDP and reported as follows;

The total allocation in Sewerage/ Septage sector under AMRUT for Kollam Corporation is Rs.87.74 Cr. Out of the total outlay of Rs.253.45 Cr. 3 proposals in the sewerage sector were not able to be taken up and the corresponding amount is remaining-unutilized. Now the STP at Kureepuzha under AMRUT has been awarded and work is progressing.

The complete sewerage system for 10 divisions was included initially under KSUDP The construction of network and pumping stations (SS-01 and SS-02) and construction of STP at Kureepuzha (SS-03).

As per the decision of the 3rdSHPSC of KSUDP held on 5.8.2020, the Sewerage network works were foreclosed and the final bill is under preparation by KWA.

- **Works completed under KLM-SS-01:**

- Pumping station – 1 No partially completed. 2 Nos. not commenced.
- Pumping main – 4.09 km out of 7.95 km completed
- Sewer network – 0.827 km out of 3.596 km completed

- **Works completed under KLM-SS-02:**

- Pumping station – 3 Nos partially completed.
- Pumping main – 2.95 km out of 6.00 km completed
- Sewer network – 7.23 km out of 20.65 km completed

The sewerage treatment plant at Kureepuzha package KLM-SS-03 was abandoned due to the public resistances and protests from the local public and at present the work has been taken up under AMRUT project. Though the construction of additional network and pumping stations for Uliyakovil and Sarpakkuzhi areas were proposed in AMRUT as envisaged in the DPR prepared by KSUDP, land for pumping stations were not able to be made available, hence corresponding amount is remaining unutilized.

The sewerage treatment plant at Kureepuzha is expected to be completed by December 2021 and for commissioning the STP, the connected network and pumping stations has to be completed along with the completion of STP.

The KWA has submitted the estimate for the balance construction of network and pumping stations with the prevailing SOR, amounting to **Rs.93.612 Cr.** Out of the total allocated amount of Rs.87.74 Cr. for SEW sector, only Rs.31.92 Cr. has been assigned for construction of STP. Kollam Municipal Corporation had tendered the 3 Septage treatment plants for an amount of Rs.12.66 Cr. but those were not able to be taken up due to public protest.

The Secretary informed that the total unutilized amount in Sewerage sector of Rs.53.54 Cr. can be used. The balance amount of Rs.40.072 Cr could be generated from the plan fund of the Corporation for 2021-22.

The Secretary has requested to issue Administrative Sanction for this proposal either considering it as a subproject of the ongoing STP by issuing revised AS for an amount of Rs.93.612 Cr. or as a new sewerage project and to issue new AS for an amount of Rs.93.612. Related council resolutions shall be submitted at the earliest.

- Total allocation in Sewerage sector to the Kollam Corporation under AMRUT- Rs.87.74 Cr.
- Amount assigned for STP at Kureepuzha- Rs. 31.92 Cr.
- Amount taken for the revising AS of Individual Water Connection-Ph.1- Rs. 2.28 Cr.
- Balance un utilized Amount in Sewerage Sector- Rs.53.54 Cr.
- Amount required for the balance sewerage network construction- Rs.93.612 Cr.
- Amount to be met by Corporation from Plan fund- Rs.40.072 Cr.

SMMU Observation: *The SHPSC in its 26th Committee meeting directed Kollam Corporation to make an effort again to implement the Septage treatment Plant at Karikuzhy Ela and Andamukham costs Rs. 8.44 Cr. Hence, extra fund of Rs. 8.44 Cr to be also met by Kollam Corporation in addition to Rs. 40.072 Cr.*

Decision to be taken: The SLTC may decide to recommend for taking up the Sewerage network amounting to Rs. 93.612 Cr. under Sewerage/ Septage sector under AMRUT subject to the condition that Rs. 48.512 Cr. shall be met by Kollam Corporation. The approval shall be subject to approval of Municipal Council.

Agenda Item No.4.4: 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:

Details of Work	Reason for Revision	Source of Fund
<p>The following two works in Augmentation of WS scheme in Palakkad Municipality clubbed together and awarded to M/s J&B Engineering, Thiruvalla. The work is under progress now.</p> <p>1) Construction of OHSR -2 Nos, total 76.5 LL capacity Phase 3- Package 1 included Construction of 37LL at Mattumantha & 23.5 LL OHSR at Moothanthara. (Staging height 15m each)</p> <ul style="list-style-type: none"> SAAP 17-18 AS: GO(Rt)No.4165/2017/LSGD 23.12.2017 AS AMOUNT- Rs. 11.56 Cr. <p>2) Replacement of Raw water and clear water pump sets-</p> <ul style="list-style-type: none"> SAAP 17-18 AS: GO(Rt)No.4165/2017/LSGD 23.12.2017 AS AMOUNT- Rs. 1.44 Cr. 	<p>The Managing Director, KWA has reported as follows;</p> <p>The Agreement for the work was executed with M/s J&B Engineering, Thiruvalla on 29.05.2018. Though the subject contract work is lump sum, it is based on the detailed estimate prepared for the work.</p> <p>In the original estimate, the pumps and motors designed was based on the levels cited in the DER. Since the head was changed drastically, the base estimate needs to be revised as per approved per unit HP rate. (Report from SE KWA enclosed as Annexure-6)</p> <p>The 3 Nos. raw water pump sets, which was originally of 120 HP needs to be replaced with that 177 HP as per the revised design- Additional expenditure due to this is Rs.37.43 Lakhs.</p> <p>In case of clear water pumpsets, 3 Nos. Of 111 HP pumpsets are required in place of 3 Nos. 95 HP pump sets- Additional expenditure due to this is Rs.67.30 Lakhs.(including tender excess)</p>	<p>MD, KWA reported that Additional requirement can be met from the savings of</p> <p>WS - Construction of 45 MLD Water treatment plant at Malambuzha</p> <p>AS:GO(Rt)No.3170/2017/LSGD28.09.2017 AS Amt.: Rs.22.25 Cr.</p> <p>Savings from actual execution- As per site conditions, the components viz. KWA Compound and booster station, Construction of booster pump house and 700 mm raw water pumping main costing Rs. 77 Lakhs and 450 mm raw water pumping mains connecting WTP and aerator costing Rs. 25 Lakhs are not required.</p> <p>Total Savings- Rs.1.02 Cr.</p>

<ul style="list-style-type: none"> • Tendered PAC- Rs. 12.31 Cr. • Quoted value- Rs. 13.19 Cr.(7.24% tender excess) • Excess Amount now required for the additional works: Rs.67.30 Lakhs. • Excess amount due to tender excess approved by KWA- Rs. 88 Lakhs. <p>Revised AS Amount requested: Rs.13.86Cr.(13.19+0.673)</p>	<p>As the deviation is urgently required for the successful commissioning of project, The Managing Director, KWA has directed the SE, Palakkad to proceed with the work in anticipation of approval from SHPSC</p> <p>The Managing Director, KWA vide letter No. KWA/JB/P-3/72/2018 dated 21.01.2021 has requested for ratification of the action taken by MD in approving the deviation due to urgency of the work. (<i>Annexure – 7</i>)</p> <p>The Secretary, Palakkad Municipality vide letter No. E1/13257/19 dated 26-8-2020 requested to place the matter before the SHPSC. (<i>Annexure – 8</i>)</p>	
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Decision to be Taken: The SLTC may decide to recommend the work “Augmentation of WS scheme —Construction of OHSR -2 Nos, total 76.5 LL capacity **for revision of AS for an amount of Rs.13.86 Cr. (Thirteen Crore and Eighty Six Lakh only) in place of the original AS of Rs.13 Cr.** for completing the balance work subject to the approval of Council. SLTC may ratify the action taken by MD in approving the deviation due to urgency of the work.

Agenda Item No.4.5: Request to take on records the termination of the original contract and to retender the balance work-
WSS to Guruvayur Municipality- Construction of 10 L OHSR & Pumping main to Guruvayur Municipality:

The work was awarded to the lowest tender Sri. Paulose Abraham, whose quoted rate is 3% above the tendered amount. The location of site was changed two times due to public protest and other technical reasons. The 3rd site selected by Corporation and KWA was not accepted by the contractor. He approached the Hon’ble High Court of Kerala vide WP(C) No 26151 of 2020 requesting either to relieve him off the work or to allow 10% enhancement in rate due to change in design parameters. The Hon’ble High Court directed to consider the request of the contractor. The Managing Director, KWA after conducting a detailed discussion with KWA Engineers and Contractor, decided to terminate the contract and to retender the balance work. MD, KWA vide letter No. KWA/JB/P3/29/2017 dated 14.01.2021 (Annexure-9) requested to inform the same to the SHPSC.

Decision to be taken: The SLTC may take on records the action taken by MD KWA in terminating the original contract and to retender the balance work.

Agenda Item No.5: PROJECTS BEING IMPLEMENTED BY ULB

Agenda Item No.5.1: Request to review the decision taken by the 26th SHPSC.

Agenda Item No.5.1.1: 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 26th State Level High Powered Steering Committee reviewed the request of Kochi Corporation and expressed strong displeasure that no prior approval was taken from SHPSC for awarding the work with higher tender excess& execution of additional work. The Committee directed Principal Secretary (Urban), LSGD to examine the rationale in executing the additional works in detail and to place the Agenda in the next Committee Meeting.

Subsequently, the Secretary, Kochi Corporation (Annexure-10) has reported as follows:

SL No	Name of Work	Reason for Excess
1	<p>Main work-</p> <p>1- Walk way along Panorama Road under Urban Transport Sector.</p> <p>2-Development of Pambaayimoola Indira Gandhi Road Junction under Urban Transport Sector.</p> <p>Sub works-</p> <ol style="list-style-type: none"> 1) Walkway along Panorama Road 2) Walkway and Junction development at Thoppumpady 3) Walkway from Petta to Gandhi square 4) Development of Pambaayimoola Indira Gandhi Road Junction 5) Walkway along Nazareth Janatha Jubilee Road 	<ul style="list-style-type: none"> • KMRL had tendered the five sub works as a single package though each work has separate Administrative Sanction. • The overall quoted tendered amount of the package (5 works) was Rs56670182.14/- which was less than the total AS amount (5 works) of Rs. 59050000/-. • The chain link fencing was replaced with M.S hand rail for aesthetic appearance for “Walk way along Panorama Road under Urban Transport Sector”. The cost including additional work came to Rs. 89.21 Lakh. After allowing 12 % tender excess came to Rs. 99.915 L which is 25.36 % above the AS of Rs.79.70Lakh. • The excess is due to laying of 100 mm Tiles at wide space available between Road and Foot path at Aquinas College Bus Stop as per the decision of the meeting chaired by Hon. Mayor on 10/06/20 for “Development of Pambaayimoola Indira Gandhi Road Junction” under Urban Sector. • The cost including additional work came to Rs. 147.06 Lakh. After allowing 6 % tender savings came to Rs. 138.239 L which is 18.55 % above the AS of Rs.116.6 Lakh <p>The Total Cost of the Package(5 works) including the tender variation and additional works comes to Rs. 584.9 Lakh against the total AS of the package (5 Works) of Rs.590.5 Lakh.</p> <p>The said requirements were duly recommended by the Corporation Council vide file No. 49 dated 03.11.20.</p>

2	<p><u>Main works</u></p> <p><i>1-Walk way along KaranakodamThodu under Urban Transport Sector.</i></p> <p><i>2-Walkway along Champakkara Canal under Urban Transport Sector</i></p> <p><i>3-Walkway along Stadium Link Road under Urban Transport Sector</i></p> <p><u>Sub works</u></p> <ol style="list-style-type: none"> 1) Walkway along Chambakara Canal . 2) Walkway along Karnakodam Thodu 3) Walkway from JLN Stadium Link road 4) Walkway from GCDA Junction to KV and Market Road 5) Walkway along Mulankuzhy Beach Road 6) Walkway and Junction development at Thevera Jn. 	<ul style="list-style-type: none"> • KMRL had tendered the six sub works as a single package though each work has separate Administrative Sanction. The overall quoted tendered amount of the package (6works) was Rs. 661 Lakh which was less than the total AS amount (5 works) of Rs. 632.39 Lakh. • Additional retaining walls were constructed to support the foot path. • landscape area was replaced with 60 mm inter lock tiles for widening the Road • Irish concreting to remove sharp road cutting to avoid accidents and water logging were also done for the work "<i>KaranakodamThodu</i>". <i>The cost including additional work came to Rs. 122.75 Lakh. After allowing 4 % tender savings came to Rs. 117.864 L which is 19.05 % above the AS of Rs.99.0 Lakh.</i> • The excess is due to Hand Rails which were provided additionally as per the decision of the meeting chaired by Hon. Mayor on 10/06/20 for "<i>Walkway along Champakkara Canal</i>" under Urban Sector. <i>The cost including additional work came to Rs. 63.0 Lakh. After allowing 4 % tender savings came to Rs. 85.44 L which is 35.62 % above the AS of Rs.63.0 Lakh.</i> • The excess is also due to <ol style="list-style-type: none"> a) Manholes which were provided additionally b) Laid 100 mm Tiles in front of the service road c) side concreting for rectifying undulation were also provided as per site requirements for "<i>Walkway along Stadium Link Road under Urban Transport Sector</i>". <i>The cost including additional work came to Rs. 142.29 Lakh. After allowing 4 % tender savings came to Rs. 136.6 L which is 6.71 % above the AS of Rs.128.0 Lakh.</i> <p>The Total Cost of the Package(6 works) including the tender variation and additional works comes to Rs. 648.9 Lakh against the total AS of the package (5 Works) of Rs.661.0 Lakh.</p> <p>The said requirements were duly recommended by the Corporation Council vide file No. 49 dated 03.11.20.</p>
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SMMU Observation: *KMRL had combined different works and tendered as a single package. The cost of the Package after revision is well within the total AS of individual projects in the package. KMRL has not compared the AS amount and revised amount of each work separately but compared the package as a whole. Since all formalities ie. Awarding to execution has been almost completed and no additional financial commitment, the mistake of the KMRL and Kochi Corporation in this regard may be condoned and their decision in this regard may be ratified.*

Decision to be taken: The SLTC may condone the mistake of KMRL and Kochi Corporation and considering that there is no additional financial commitment and since the works are completed, SLTC may recommend ratifying the action taken by Kochi Corporation.

Agenda Item No.5.1.2: Validation of Administrative Sanctions (AS) Issued to Various AMRUT Works

As per the G.O (P) No. 188/2018/FIN dated 7/12/18, validity of Administrative Sanctions issued to various Civil works are for three years. Since AMRUT projects are in final stage and most of the projects had been issued AS three years back, their AS is to be revalidated. Submission of each exhausted project before the Government for revalidation is a tedious process; the request to extend the validation of Administrative Sanctions (AS) of all works up to the mission period was placed before the 26th SHPSC.

26th SHPSC directed the Principal Secretary (Urban) “to conduct an evaluation of all projects that requires validation of AS to confirm if projects that do not have possibility to start may be decided to be dropped. Based on the evaluation, file may be forwarded to the Chief Secretary, for approval, routed through the Additional Chief Secretary, Finance Dpt. The same to be placed before the next SHPSC for information.”

The status of projects, for which AS was accorded 3 years back has been evaluated and enclosed as **Annexure-11**

Decision to be taken: The SLTC may review the status of projects, for which AS was accorded 3 years back and recommend to SHPSC for revalidation subject to approval of Municipal Council.

Agenda Item No.5.2: 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 SHPSC in its 26th Committee meeting noted that our State faces an acute shortage of experienced Contractors in Sewerage & Septage sector and high risk involved in executing sewerage work. Moreover, the works were tendered many times and no competitive tenders were received. Considering these facts, though the tender excess was high, the Committee decided to approve the tender excess of 18.51% above estimate rate to avoid further time delays and due to the necessity of the project on 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 and to place the agenda before the SHPSC.

However Corporation Council vide resolution No.18 dated 8.01.2021Annexure-12) decided to request the SHPSC to reconsider the decision taken by SHPSC as the tender excess can be met from TS savings.

Decision to be taken: SLTC may review the request from Kannur Corporation and provide recommendation to the SHPSC.

Agenda Item No.5.3:Decision on Tender Excess - Kozhikode Corporation – Sewerage Sector – Decentralized Sewerage treatment plant and associated sewerage network for Zone-A: –(sub work-48 KM associated network at zone A for 7 MLD STP Plant.) – Approval of Tender excess of 30%.

The Administrative Sanction for the project was accorded vide GO (Rt) No. 769/2019/LSGD dtd 30/03/2019. The Technical Sanction was issued for Rs.116.50Cr on 28/02/2019 for Rs. 116.5 Cr. Initially the project was tendered as two packages .Owing to very high quoted rates in the previous tender calls, the 23rd SHPSC directed the Secretary to split the project and float separate tenders for the Plants and sewer lines. As such, the project was tendered as four sub works. The details of the sub projects are as follows.

- 1) Construction of 7 MLD STP at Zone A-20.68Cr.
- 2) 48 KM associated network at zone A for 7 MLD STP Plant.– 39.04 Cr.
- 3) Construction of 6 MLD STP at Zone A-17.23Crhy
- 4) 50 KM associated network at Zone-A for 6 MLD STP Plant– 39.29 Cr

.The Secretary, Kozhikode Corporation reported the following, (Annexure-13)

Details of work	Reason	Source of fund
<u>Sub work no. (2) : 48 KM associated network at zone A for 7 MLD STP Plant.</u> <ul style="list-style-type: none"> • Apportioned Cost-Rs.39.04 Cr. • Tendered PAC: Rs.39.04 Cr. • Lowest bid amount after negotiation: Rs. 50.76 Cr. (30% above tendered PAC.) • Additional amount required for awarding the project – Rs.11.72 Cr. 	<ol style="list-style-type: none"> 1. Quote is inclusive of 12%. GST. Hence the excess will be only 18% above PAC. 2. The estimate was framed as per DSR 16. 	50% Tender excess to be met by ULB and 50% tender excess to be met by State.

Observations of SMMU:

1) As per the GO. (P) No. 16/2017/Fin dated 06/02/2019(Annexure-3), the Maximum admissible tender excess shall be limited either to the quoted rate of the lowest bidder or local market rates or current DSR plus 10% tolerance limit whichever is less. In case, the quoted rate of the lowest bidder is above Current DSR plus 10% tolerance limit, the tender inviting authority themselves shall re-tender the work without referring the case to higher authorities. If the quoted rate is still above allowable limit even after retendering, the competent authority shall rework the estimate, after giving due consideration to the site-specific conditions and fresh tenders shall be invited based on revised estimates.

2) It was the first tender call after splitting the STP and sewer network separately, though the combined work was tendered previously many times. Before splitting the work, last tender was floated on 05/10/2019. The lowest quoted amount was 52.85 % above tendered PAC of 59.77 Cr. (20.68 for STP & 39.04Cr. for Sewer network). The total quoted amount was Rs. 91.36 Cr.

3) After splitting the works,

- S T P Plant, PAC =20.68 Cr.,
- STP Quoted amount = 20.50 (Tender variation is 0.89 % below PAC)
- Sewer network= 39.04 Cr.
- Quoted Sewer network= 50.76 Cr. Tender variation is 30% above PAC.

Total = 71.26 Cr. The overall excess = $(71.26-59.77)/59.77*100= 19.22\%$ above PAC.

Decision to be taken: Considering above facts, SLTC may review and take appropriate decision on tender excess subject to Council decision regarding tender excess and meeting 50% excess cost due to tender excess.

Agenda Item No.5.4:Decision on Tender Excess- Kozhikode Corporation – Sewerage Sector – Decentralized Sewerage treatment plant and associated sewerage network for Zone-A: – (50 KM associated network at Zone-Afor 6 MLD STP Plant)) – Approval of Tender excess of 30%.

The Administrative Sanction for the project was accorded vide GO (Rt) No. 769/2019/LSGD dated 30/03/2019. The Technical Sanction was issued for Rs.116.50Cr on 28/02/2019 for Rs. 116.5 Cr. Initially the project was tendered as two packages .Owing to very high quoted rates in the previous tender calls, the 23rd SHPSC directed the Secretary to split the project and float separate tenders for the Plants and sewer lines. As such, the project was tendered as four sub works. The details of the sub projects are as follows.

- 1) Construction of 7 MLD STP at Zone A-20.68Cr.
- 2) 48 KM associated network at zone A for 7 MLD STP Plant. – 39.04 Cr.
- 3) Construction of 6 MLD STP at Zone A-17.23Cr
- 4) 50 KM associated network at Zone-A for 6 MLD STP Plant– 39.29 Cr

.The Secretary, Kozhikode Corporation reported the following, (Annexure-13)

Details of work	Reason	Source of fund
Sub work no. (4) : 50KM associated network at zone A for 6 MLD STP Plant. <ul style="list-style-type: none"> • Apportioned Cost-Rs.39.29 Cr. • Tendered PAC: Rs.39.29 Cr. • Lowest bid amount after negotiation: Rs. 51.07 Cr. (30% above tendered PAC.) • Additional amount required for awarding the project – Rs.11.78 Cr. 	<ol style="list-style-type: none"> 1. Quote was inclusive of 12% GST. Hence the excess will be only 18% above PAC. 2. The estimate was framed as per DSR 16. 	50% Tender excess to be met by ULB and 50% tender excess to be met by State.

Observations of SMMU:

- 1) *As per the GO. (P) No. 16/2017/Fin dated 06/02/2019(Annexure-3), the Maximum admissible tender excess shall be limited either to the quoted rate of the lowest bidder or local market rates or current DSR plus 10% tolerance limit whichever is less. In case, the quoted rate of the lowest bidder is above Current DSR plus 10% tolerance limit, the tender inviting authority themselves shall re-tender the work without referring the case to higher authorities. If the quoted rate is still above allowable limit even after retendering, the competent authority shall rework the estimate, after giving due consideration to the site-specific conditions and fresh tenders shall be invited based on revised estimates.*

2) It was the first tender call after splitting the STP and sewer network separately, though the combined work was tendered previously many times. Before splitting the work, last tender was floated on 05/10/2019. The lowest quoted amount was 54.15 % above tendered PAC of 56.52 Cr. (17.23 for STP & 39.29Cr for Sewer network).The total quoted amount was Rs. 87.12 Cr.

4) After splitting the works,

- S T P Plant, PAC =17.23 Cr.,
- STP Quoted amount = 16.02 Cr. (Tender variation is 0.7 % below PAC)
- Sewer network= 39.29 Cr.
- Quoted Sewer network= 51.08 Cr. Tender variation is 30% above PAC.

Total = 67.1 Cr. The overall excess = $(67.1-56.52)/56.52 \times 100 = 18.72\%$ above PAC.

Decision to be taken: Considering above facts, SLTC may review and take appropriate decision on tender excess subject to Council decision regarding tender excess and meeting 50% excess cost due to tender excess.

Agenda Item No.5.5: Palakkad Municipality –Request for Cancellation of Works

SL No	SAAP	Sector &Name of project	AS DETAILS	Reason for Cancellation	Remarks
1	2017-18	Storm water Drainage –Mythri Nagar- Haritha Nagar Link Road Thodu.	GO(Rt)No.3530/2017/LSGD dated 2.11.2017. Rs. 26 Lakhs.	As the SWD location is passing through a private land, there are technical difficulties to execute the work.	Palakkad Municipal Council held on 6.11.2020 vide Resolution No.2806 cancelled the work.(Annexure – 14)
2	2017-18	Storm water Drainage-Chirakkad-Aiswarya Nagar	GO(Rt)No. 530/2017/LSGD dated 2.11.2017. Rs. 51 Lakhs.	As the SWD location is passing through a private land, there are technical difficulties to execute the work.	Palakkad Municipal Council held on 6.11.2020 vide Resolution No.2807 cancelled the work.(Annexure – 15)
2	2017-18	Storm water Drainage-Parakunnam-Narikuthi drain	GO(Rt)No.530/2017/LSGD dated 2.11.2017. Rs. 50 Lakhs.	Work could not take up due to encroachments in Railway Purambokk.	Palakkad Municipal Council held on 6.11.2020 vide Resolution No.2805 cancelled the work.(Annexure – 16)
Total Amount for Cancelled Projects			Rs. 1.27 Cr.		

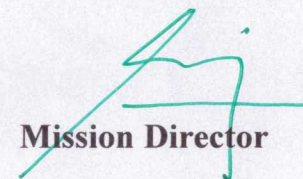
Decision to be taken: The SLTC may decide to recommend cancellation of the above said projects costs Rs. 1.27 Cr. in Palakkad Municipality.

Agenda Item No.5.6: AS Revision Due to Additional Works- Kannur Corporation –Park project: Revised AS for Development of Chelora Park -Revision of Administrative sanction to Rs. 1.50 Cr:

Details of Work	Reason for Revision	Source of Fund
<p>The work – Development of Chelora park’ in Kannur Corporation of size 3 acre, inside a 22 acre trenching ground of Kannur corporation to change the environment & appearance of a neglected area was awarded to Aravindakshan.P on 26.11.2018 at 9.28 % below the estimated rate.</p> <ul style="list-style-type: none"> • SAAP Year - 2017-18 • AS - GO(Rt) No.4165/2017/LSGD dated 23/12/2017 • AS Amount - 1.4 Cr • TS Amount - 1.4 Cr • Tendered PAC - 1.4 Cr • Awarded Cost – 1.27 Cr. (9.28% below) • Revised estimated cost–Rs. 1.65 Cr. • Revised AS Amount required- Rs.1.5 Cr. • Excess amount from AS - 0.10 Cr, i.e. 7.14 % above AS. <p><i>Corporation council held on 3.11.2020 vide resolution No. 15 has approved the excess amount of Rs.0. 25Cr. required for the work. (Annexure – 19).</i></p>	<p>The Secretary vide letter dated 12.02.2021 has requested for revision of AS for the said work(Annexure – 17) and reported as follows;</p> <ul style="list-style-type: none"> • During project execution phase, proposed site being 100 year old trenching ground & to convert waste land to a suitable working land extra site levelling, additional site clearance, cutting & filling had to be done. • Existing public drinking water can’t be used for gardening & toilet facilities in the park. Hence a well had to be constructed not included in the original estimate. • Drinking water pipeline to neighbouring houses was laid through the proposed park. Due to high risk of damaging pipe during execution, pipelines had to be removed & laid outside compound wall increased the project cost which was not included in the original estimate. • Site level difference of 2 to 2.2 m was found in the area adjacent to the football ground & other places. Hence retaining wall had to be constructed in this area to avoid land sliding. • Amphitheatre when constructed as per original estimate resulted in less strength & stability due to the trenching ground soil conditions & was even damaged during heavy rains. Hence revision was necessary to increase the strength 	<p>Additional fund required i.e. 0.10 Cr for the revised AS of this work can be taken from the TS savings of Storm water drainage sector SAAP3 as shown below.</p> <p>AS:GO(Rt)No.4165/2017/LSGD 23.12.2017 AS Amt: Rs.15.87Cr. TS Amt: Rs.13.38Cr. AS to TS Savings: Rs.2.49Cr. (out of this, an amount of Rs.0.86 Cr. has been used for AS revision of another work, Balance available is Rs.1.63Cr.) ULB has reported that this amount can be taken for revision of the said work.</p>

	<p>&stability of the structure.</p> <p>As mentioned above, the proposed site needed additional works & extra provisions had to be made, which was not included in the original estimate.</p> <p>At present 65% work has been completed.</p> <p>Comparison statement is attached as <i>Annexure -18</i></p>	
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Decision to be Taken: The SLTC may decide to recommend for revision of AS to the work “**Development of Chelora park**”under Parksector,Kannur Corporation for an amount of Rs.1.50 Cr. (One Crore and Fifty Lakh only)in place of the original AS of Rs.1.4Cr.for completing the balance work.


Mission Director

AMRUT