

**15<sup>th</sup> STATE LEVEL HIGH POWERED STEERING  
COMMITTEE (SHPS)**

**AGENDA NOTES**



**Date :** 08.02.2018 @ 4 PM

**Venue:** Committee Room of the Chief Secretary

**Local Self Government Department, Government of Kerala**

## CONTENTS

Agenda No.1: APPROVAL OF MINUTES OF THE 14 <sup>th</sup> MEETING OF SHPSC.	3
Agenda No.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 14 <sup>th</sup> MEETING OF SHPSC	3
Agenda No. 3: STATUS ON AMRUT MISSION PROGRESS	5
Agenda No. 4: ADMINISTRATIVE SANCTION OF DPRS	7

## **Agenda No.1: APPROVAL OF MINUTES OF THE 14<sup>th</sup> MEETING OF SHPSC.**

The minutes of the 14<sup>th</sup> SHPSC meeting of AMRUT held on 29th December 2017 is enclosed as *Annexure - I*

### **Decision to be taken**

*The Committee may take note of the minutes and approve the same.*

## **Agenda No.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 14<sup>th</sup> MEETING OF SHPSC**

### **Agenda Item No.4: LETTER FROM KOZHIKODE MAYOR TO ENGAGE KMRL FOR URBAN TRANSPORT PROJECT IN KOZHIKODE CORPORATION**

The Hon. Mayor – Kozhikode, in his letter EG21/69416/17 dated 19.12.2017, requested to engage KMRL for Urban Transport project in Kozhikode, with centage fees as 5% of the approved project cost and advance payment for the execution of work as 20% of the contractors project cost. Therefore, the Kozhikode Corporation was requesting permission to go ahead with signing the contract agreement with KMRL followed by DPR preparation and implementation of the project.

#### **Decision:**

SHPSC approved the decision of engaging KMRL for the Urban transport and Parks projects in the cities of Kochi and Kozhikode as per the following:

1. Centage charges for end to end support, to be 5% of the total project cost, as per G.O. 61/2017/Fin dated 09/05/2017.
2. Advance payment, to be 20% of the awarding project cost as per G.O. 311/14/Fin dated 30/07/2014.

#### **Action taken:**

The agreements in both cities have been executed and signed. Sri. Mohammed Hanish, I.A.S, Managing Director, KMRL vide letter No. KMRL/PRJ/AMRUT/320/2017/2717 dated 24.01.2018 informed that the preparation of DPRs for the above projects will be completed by the first week of March 2018, ensuring that all entrusted projects will be finished within the SAAP duration.

### **Agenda Item No.A1: Kollam Municipal Corporation: Letter from Hon'ble Mayor - Implementation of the Sewage Treatment Plant (AMRUT) Project and**

<p align="center"><b>completion of balance components in networks and commissioning of sewerage system by KWA.</b></p>
<p>Vide Lr. No. CSSS1 (PW13)/48036/15 dated 27.12.2017, The Hon'ble Mayor, Kollam Municipal Corporation has requested to entrust KWA for the implementation of the proposed STP at Kureepuzha and completion of balance components and commissioning of sewerage system.</p>
<p><b>Decision:</b></p> <p>SHPSC has taken the following decisions:</p> <ul style="list-style-type: none"> <li>• KWA may implement the project of STP and associated components of sewer networks on assurance by the Kollam Municipal Corporation that they will surmount all local issues.</li> <li>• DPR to be presented in the next SLTC</li> </ul>
<p><b>Action taken:</b></p> <p>The DPR for STP at Kureepuzha recommended for AS in 17<sup>th</sup> SLTC held on 25.01.2018 and will be presented in this SHPSC.</p>
<p><b>Agenda Item No. A.2:Guruvayur Municipality core committee decision –Transfer of Fund to Water supply scheme.</b></p> <p>In the 16<sup>th</sup> SLTC, Chairperson of Guruvayur Municipality requested that, out of the 14.5Cr SAAP amount under sewerage and septage sector, an amount of Rs.10.0Cr may be transferred to Water Supply for Laying distribution Networks in the Thykkad Zone and the remaining Rs. 4.5 Cr. may be utilized for a decentralized Septage Treatment Plant. Based on the above discussions, the 16<sup>th</sup> SLTC decided that if land is available, a de-centralized septage plant shall be proposed for 4.5 Cr, the remaining amount of Rs. 10.00 Cr. will be transferred to water supply scheme, subject to final approval by SHPSC</p>
<p><b>Decision:</b></p> <p>SHPSC has approved the following:</p> <ul style="list-style-type: none"> <li>• <i>Proposal of Guruvayur Municipality to transfer Rs. 10.00cr. from Sewerage Sector to Water Supply Sector to carry out the Project – Laying distribution Networks in the Thykkad Zone.</i></li> <li>• <i>Utilization of balance amount of Rs. 4.50 cr. for de-centralised septage treatment plant.</i></li> <li>• <i>DPRs to be presented in the next SLTC</i></li> </ul>



**Action taken:**

1. DPR for Water Supply project is presented in the 17th SLTC held on 25.01.2018 and is recommended for AS in this SHPSC.
2. Letter issued to MD, KWA requesting assistance for taking up an agenda in the upcoming KWA board meeting for issuing Permissive sanction for 50 cents of land to Guruvayur Municipality,.

**Decision to be taken:**

*The SHPSC may take note of the action taken report of 14<sup>th</sup> SHPSC meeting.*

**Agenda No. 3: STATUS ON AMRUT MISSION PROGRESS**

Current status is detailed below.

Amount (In Cr)

SAAP	No of projects	Amount	DPR prepared		AS accorded			TS accorded		Contract awarded	
			No of projects	Total cost	No of projects	Total cost	Balance AS	No of projects	Total cost	No of project	Total cost
2015-16	100	587.99	98	543.45	96	474.12	24	45	290.26	28	49.66
2016-17	122	796.06	118	764.81	116	698.03		28	245.14	-	-
2017-18	157	973.64	144	902.48	143	860.48		12	40.01	-	-
<b>TOTAL</b>	<b>379</b>	<b>2357.69</b>	<b>360</b>	<b>2210.74</b>	<b>355</b>	<b>2032.63</b>		<b>85</b>	<b>575.41</b>	<b>28</b>	<b>49.66</b>

The status of DPR preparation process city wise is given below

Name of ULB	Water Supply			Sewerage/ Septage Management			Storm Water Drainage			Urban Transport			Open Space /Parks			City Wise Total		
	Total	Prepared	Balance	Total	Prepared	Balance	Total	Prepared	Balance	Total	Prepared	Balance	Total	Prepared	Balance	Total	Prepared	Balance
Trivandrum	7	7	0	23	23	0	11	11	0	8	8	0	4	4	0	53	53	0
Kollam	8	8	0	6	2	4	4	4	0	9	9	0	5	5	0	32	29	4
Alappuzha	3	3	0	3	2	1	3	3	0	5	5	0	6	6	0	20	19	1
Kochi	19	19	0	4	3	1	19	19	0	10	3	7	6	2	4	58	46	12
Thrissur	21	21	0	4	4	0	3	3	0	5	5	0	6	6	0	39	39	0
Guruvayoor	6	6	0	1	0	1	3	3	0	3	3	0	5	5	0	19	18	1
Palakkad	14	14	0	2	2	0	56	56	0	21	21	0	18	18	0	111	11	0
Kozhikode	4	4	0	4	4	0	5	5	0	1	0	1	10	10	0	24	23	1
Kannur	9	9	0	2	2	0	3	3	0	2	2	0	7	7	0	23	23	0
Total	91	91	0	50	44	6	107	107	0	64	56	8	67	63	4	379	360	19

14<sup>th</sup> SHPSC has revised the time frame for activities as per the following:

- DPR Preparation of all remaining projects shall be completed by 21.01.2018 including KMRL Projects.
- AS approvals of all SAAP projects shall be completed by 31.01.2018.
- TS approvals of all SAAP projects except water supply shall be completed by 15.02.2018.
- Water Supply projects shall be accorded TS by 15.01.2018
- Tendering to be completed by 15<sup>th</sup> March 2018

**Decision to be taken:**

*SHPSC may re-evaluate the progress update of the Mission and advice on the new strategies to be adopted for fast tracking the project management, implementation and monitoring.*

**Agenda No. 4: ADMINISTRATIVE SANCTION OF DPRS**

In the 17<sup>th</sup> SLTC held on 25.01.2018, 10 DPRs amounting to Rs.174.691Cr (Table 4.1) were reviewed and recommended to be placed before the SHPSC to accord Administrative Sanction (AS).

**Table 4.1 (17<sup>th</sup> SLTC Project – 10Nos, Rs.174.691 Cr)**

Sector	City	Project Name	DPR Cost. (Cr)	SAAP
Water Supply	Thrissur	Design Construction and Commissioning of 3MLD WTP, Reservoir and Pumping main for Ollukara Zone	6	2015-16
	Thiruvananthapuram	Replacement of Old and Damaged Pipelines of Trivandrum Water Supply Scheme and Alteration of House Connections – Phase II	2.5	New project
	Guruvayur	Laying Distribution Networks in Thykkad Zone- Guruvayur Municipality	10	2016-17
		<b>Sub Total (WS)</b>	<b>18.5</b>	
Sewerage & Septage	Kozhikode	De-centralised Sewage & Septage Treatment Plants & Associated Sewerage Networks for Zone- A	106.69	2015-16, 2016-17, 2017-18
	Kollam	Septage Treatment Plant	12.66	2015-16
	Kollam	Sewage Treatment Plant- Kureepuzha	30.00	2015-16, 2016-17
	Thiruvananthapuram	Providing sewerage facility to newly constructed residential colony at Karimadom – Part II	0.353	New Project
		<b>Sub Total (S&amp;S)</b>	<b>149.703</b>	

Urban Transport	Palakkad	GB Road Escalator – FOB project	3.545	Revised AS
Parks & Open Spaces	Guruvayur	Park at Choolppuram	0.28	New Project
	Kollam	1.Asraamom	1.319	16-17
		2. Kambiyilkkulam (Thrikkadavoor)	0.272	
		3, Thirumullavaram-Ozhukkuthodu-Park	0.576	17-18
		4. Veliyilkulangara	0.282	
		5. Thanni Park	0.17	
		6.Thoppilkadavu Park	0.556	
		7. Kilikolloor-Elavanthi Park	0.178	
		<b>Sub Total (Parks)</b>	<b>3.633</b>	
	<b>Grand Total</b>		<b>175.381</b>	

### Decision to be taken

*The SHPSC may accord Administrative Sanction to the 10 projects Rs. 175.381 Cr. recommended by 17<sup>th</sup> SLTC held on 25.01.2018.*





**Minutes of the 14<sup>th</sup> State Level High Powered Steering Committee (SHPSC) of Atal Mission for Rejuvenation and Urban Transformation (AMRUT) held on 29<sup>th</sup> December 2017 in the Committee Room of the Chief Secretary, Government of Kerala.**

The meeting of the 14<sup>th</sup> State Level High Powered Steering Committee (SHPSC) of AMRUT chaired by Dr. K.M. Abraham IAS, Chief Secretary, Government of Kerala, commenced at 03.00 pm. (List of Participants enclosed as Annexure I)

Sri Shajan S., Project Manager of AMRUT, presented the points in the agenda notes. After detailed deliberations, following decisions were made.

**Agenda Item No. 1. Approval of the minutes of the 13<sup>th</sup> meeting of SHPSC**

**Decision:** *The Committee approved the minutes of 13<sup>th</sup> meeting of SHPSC held on 14<sup>th</sup> December 2017.*

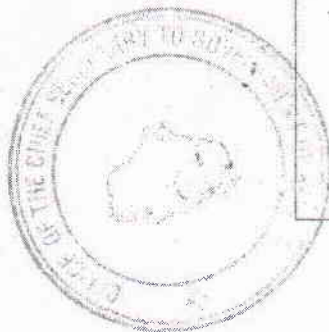
**Agenda Item No. 2. Action taken report on the decisions of the 13<sup>th</sup> meeting of SHPSC held on 14<sup>th</sup> December 2017**

The Committee noted the Action Taken Report on the decisions of the 13<sup>th</sup> SHPSC held on 14th December 2017. The Committee has also given its additional decisions on the Action taken report on the following items.

**AGENDA & DECISION 2.3: Energy Audit for Water Systems**

As part of AMRUT reforms, the Ministry of Urban Development has directed to take the support of Energy Efficiency Systems Limited (EESL) to conduct energy audit of water pumping systems and replace inefficient pumps in all AMRUT cities. SHPSC observed the need for the energy audit and pointed that the assets of water supply systems is owned by KWA hence the energy audit of the nine AMRUT cities has to be steered by KWA. The contract agreement between KWA, Mission Directorate and EESL has to be finalized and signed up at the earliest.

The Chairman directed Secretary, Water Resources department to expedite the signing of agreement between Kerala Water Authority, EESL and Mission Directorate for conducting energy audit. The Mission Director vide Ltr No.14/17/SMMU/PM dated 23.10.2017 requested to the Managing Director of Kerala Water Authority to expedite the issue. A meeting was arranged by the Principal



Secretary, LSGD on 4th November 2017 attended by Mission Director, AMRUT, Kerala Water Authority and EESL, in which MD, KWA has agreed that the draft of the tripartite agreement will be issued within 4 days to Principal Secretary, with copies to all parties of the agreement. A reminder letter was also issued to KWA on 24.11.2017. As per the SHPSC directions to submit immediately the draft agreement, KWA submitted it, to Mission Directorate on 15.12.2017.

**Action taken:** The draft agreement received from KWA was forwarded to EESL, vide letter SMMU/A/14/2015/UIE dated 16.12.2017 for review and concurrence. Reply from EESL is received on 28.12.2017 vide lr. EESL/MoUD/AMRUT/KL/02.

**Additional Decision:** The comments of EESL to be forwarded to KWA and finalize the agreement and initiate signature process at the earliest.

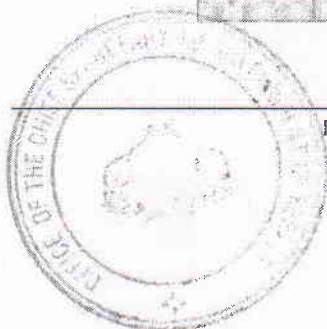
The SHPSC took note of the action taken report on other items of 13<sup>th</sup> SHPSC meeting.

### AGENDA No. 3: UPDATE ON AMRUT MISSION PROGRESS

Current status is detailed below.

Amount (In Cr)

SAAP	No of projects	Amount	DPR prepared		AS accorded			TS accorded		Contract awarded	
			No of projects	Total cost	No of projects	Total cost	Balance AS	No of projects	Total cost	No of projects	Total cost
2015-16	100	587.99	96	474.55	88	462.36	67	52	261.92	22	20.1
2016-17	122	796.06	116	702.46	98	591.18		-	-	-	-
2017-18	157	973.64	143	860.09	102	530.56		-	-	-	-
<b>TOTAL</b>	<b>379</b>	<b>2357.69</b>	<b>355</b>	<b>2037.10</b>	<b>288</b>	<b>1584.10</b>		<b>52</b>	<b>261.92</b>	<b>22</b>	<b>20.1</b>



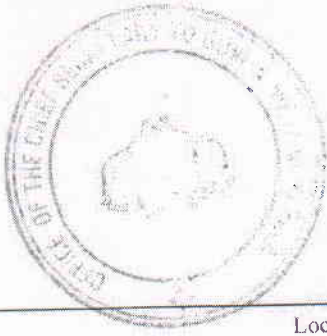


The status of DPR preparation process city wise is given below

Name of ULB	Water Supply			Sewerage/ Septage Management			Storm Water Drainage			Urban Transport			Open Space /Parks			City Wise Total		
	Total	Prepared	Balance	Total	Prepared	Balance	Total	Prepared	Balance	Total	Prepared	Balance	Total	Prepared	Balance	Total	Prepared	Balance
Trivandrum	7	7	0	23	23	0	11	11	0	8	8	0	4	4	0	53	53	0
Kollam	8	8	0	6	6	0	4	4	0	9	9	0	5	5	0	32	26	6
Alappuzha	3	3	0	3	2	1	3	3	0	5	5	0	6	6	0	20	19	1
Kochi	19	19	0	4	3	1	19	19	0	10	3	7	6	2	4	58	46	12
Thrissur	21	20	1	4	4	0	3	3	0	5	5	0	6	6	0	39	38	1
Guruvayur	6	6	0	2	0	2	3	3	0	3	3	0	5	5	0	19	17	2
Palakkad	14	14	0	2	2	0	56	56	0	21	21	0	18	18	0	111	111	0
Kozhikode	4	4	0	4	3	1	5	5	0	1	0	1	10	10	0	24	22	2
Kannur	9	9	0	2	2	0	3	3	0	2	2	0	7	7	0	23	23	0
Total	91	90	1	50	39	11	107	107	0	64	56	8	67	63	4	379	355	24

SHPS revised the time frame for activities as per the following:

- DPR Preparation of all remaining projects shall be completed by 21.01.2018 including KMRL Projects.
- AS approvals of all SAAP projects shall be completed by 31.01.2018.
- TS approvals of all SAAP projects except water supply shall be completed by 15.02.2018.
- Water Supply projects shall be accorded TS by 15.01.2018
- Tendering to be completed by 15<sup>th</sup> March 2018



**Agenda Item No.4: LETTER FROM KOZHIKODE MAYOR TO ENGAGE KMRL FOR URBAN TRANSPORT PROJECT IN KOZHIKODE CORPORATION**

The Hon. Mayor – Kozhikode, in his letter EG21/69416/17 dated 19.12.2017, replied that the above concerns raised in the SHPSC has been conveyed to KMRL and obtained their willingness for centage fees as 5% of the approved project cost and advance payment for the execution of work as 20% of the contractors project cost. Therefore, the Kozhikode Corporation is requesting the Mission Director for permission to go ahead with signing the contract agreement with KMRL followed by DPR preparation and implementation of the project.

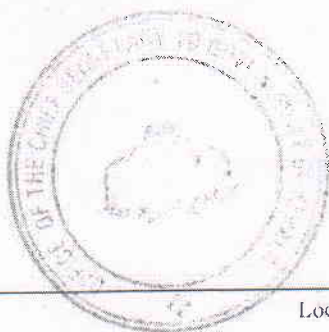
The topic has been placed in the 15<sup>th</sup> SLTC held on 22.12.2017 and the SLTC Chairman informed that a discussion is made with the Managing Director, KMRL and sought acceptance to take up the Urban Transport and Parks projects in Kochi and Kozhikode Corporations as per the Finance GO stipulations for Centage services (GO No. 61/2017/Fin dated 9.5.2017).

**Decision:**

*SHPSC approved the following for the Urban transport and Parks projects in the cities of Kochi and Kozhikode entrusted to KMRL:*

- Centage charges for end to end support, to be 5% of the total project cost, as per G.O. 61/2017/Fin dated 09/05/2017.
- Advance payment, to be 20% of the awarding project cost as per G.O. 311/14/Fin dated 30/07/2014.

**Agenda Item No.A1: Kollam Municipal Corporation: Letter from Hon'ble Mayor - Implementation of the Sewage Treatment Plant (AMRUT) Project and completion of balance components in networks and commissioning of sewerage system by KWA.**



Vide Lr. No. CSSS1 (PW13)/48036/15 dated 27.12.2017, the Hon'ble Mayor, Kollam Municipal Corporation requested the Mission Directorate to obtain sanction from SLTC to entrust KWA for the



implementation of the proposed STP at Kureepuzha and completion of balance components and commissioning of sewerage system, as KWA is fully familiar with the status, issues related to the sewerage projects, being worked with KSUDP sewerage scheme under ADB fund and having a Project implementation Unit (PIU) exclusively for the sewerage projects).

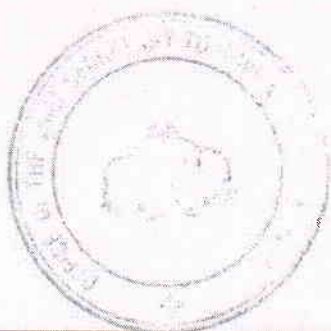
The observations of 16<sup>th</sup> SLTC in this regard, are the following:

- The STP project at Kureepuzha, was a project undertaken in KSUDP through ADB funding in 2013 and was dropped due to public protest. Therefore, Kollam Corporation has to provide the action taken reports and interventions made in the mitigation of public agitations in the project location and demonstrate the extent of public protest as per the current scenario.
- Moreover, the Corporation states that land has been transferred to KWA and all clearances were obtained. However, the details of land transfer, types of clearances obtained etc., are not indicated in the letter.
- Also, the willingness of KWA to execute the project is not mentioned in the reference letter. Therefore, the KWA's acceptances for implementation of the project need to be clarified and confirmed.
- In addition, in the 9<sup>th</sup> SHPSC meeting it was decided that all sewerage projects except Trivandrum and Kochi Elamkulam need to be implemented by concerned ULBs. Hence, the Agenda items needs re-consideration and re-approval by SHPSC

**Decision:**

SHPSC took the following decisions:

- *KWA may implement the project of STP and associated components of sewer networks on assurance by the Kollam Municipal Corporation that they will surmount all local issues including mitigation of public protest and local hindrances if any.*
- *Corporation is fully responsible to resolve all hindrances and effectively facilitate KWA for the accomplishment of the project*



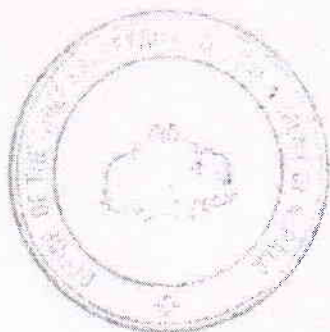
well within the AMRUT time limit. Responsibility shall be assigned to Mayor, Corporation Secretary, Corporation Engineering Team and CMMU along with the KWA project implementation wing from inception to completion.

- Land availability has to be confirmed, with whether adequate land is available, due to the enhancement of STP capacity from 12 MLD (designed under KSUDP Project) to 18 MLD.
- The Project implementation shall be conventional with Design and Construction. EPC mode is not approved. Tendering should be NCB, with 5 year O&M by the contractor. Thereafter Corporation should take over O&M. Construction shall be fully monitored to complete the project within the designated time frame of AMRUT.
- Two Septage treatment plant projects shall also be taken up directly by ULB for the areas not covered by sewerage network as per the approved SAAP. DPR preparation is to be initiated as per the ULB norms (selection of consultant if necessary).
- DPRs shall be presented in the next SLTC.

**Agenda Item No. A.2: Guruvayur municipality core committee decision –transfer of fund to Water supply scheme.**

In the 16<sup>th</sup> SLTC held on 28.12.2017 Chairperson of Guruvayur municipality stated that an amount of Rs.10.0 Cr may be transferred to Water Supply sector for laying distribution networks in the Thykkad zone. The remaining Rs. 4.5 Cr. may be utilized for a Septage Treatment Plant and the land will be finalized with KWA. For that, Principal Secretary insisted a combined inspection of land to be conducted by KWA officials (designated by Technical Member- KWA), Secretary and Engineers of ULB, CMMU Members and Environmental Expert from SMMU.

The Technical Member of KWA also ensured that the ongoing Guruvayur sewerage scheme will be commissioned before



April 2018 and KWA does not require any amount from AMRUT for the completion of their ongoing STP project.

Based on the above discussions, the 16<sup>th</sup> SLTC decided that if land is available, a Septage Treatment Plant shall be proposed for 4.5 Cr, the remaining amount of Rs. 10.00 Cr. can be transferred to water supply project, subject to final approval by SHPSC.

**Decision:**

The SHPSC approved the following:

- *Proposal of Guruvayur Municipality to transfer Rs. 10.00cr. from Sewerage Sector to Water Supply Sector to carry out the Project – Laying distribution Networks in the Thykkad Zone.*
- *Utilization of balance amount of Rs. 4.50 cr. for Septage Treatment Plant.*
- *DPRs shall be presented to the next SLTC.*

**Agenda Item No. A.3:KWA PROJECTS – ALLOWING TENDER EXCESS**

The Additional Agenda brought by KWA MD in which they stated that the recent 16 tenders opened in various AMRUT cities, 9 works are seen quoted above the estimate rate, 6 works below and one at estimate rate. The details are as follows:-

Sl No:	ULB	No: of tenders opened	Quoted above estimate rate	Quoted below estimate rate	Quoted in estimate rate
1	Kochi	3	2	1	-
2	Thrissur	6	4	1	1
3	Palakkad	2	-	2	-



4	Kozhikode	1	-	1	-
5	Kannur	4	3	1	-
	Total	16	9	6	1

The tender excess ranges from 3% to 34 %. The reason for excess may be that the pipe line works are to be expected in the heart of the city where the roads are very much congested with heavy traffic, presence of other utility, need to work at night, anticipated delay in road permissions etc.

Mission Director, KWA informed that considering the nature of quotes and low participation in bids the possibility of getting better rates in a retender is remote. Hence in the interest of timely execution of the works, the SHPSC may please consider the possibility of allowing tender excess as the prevailing Government guide lines.

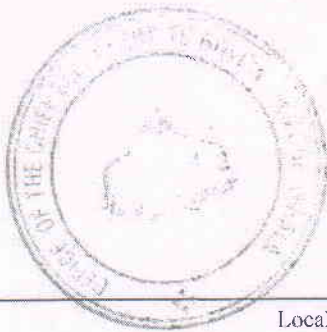
**Decision:**

- *The SHPSC agreed to consider up to 10% tender excess and any excess beyond 10% shall be brought within this limit or else re-tendering shall be carried out urgently.*
- *KWA shall provide the total impact on the tender excess in the next SHPSC.*

**Agenda Item No. 5: ADMINISTRATIVE SANCTION OF DPRS**

In the 15<sup>th</sup> SLTC held on 22.12.2017, 22 DPRs amounting to Rs. 66.08 Cr were reviewed and recommended to be placed before the SHPSC to accord Administrative Sanction (AS).

In the 16<sup>th</sup> SLTC held on 28.12.2017, 49 DPRs amounting to Rs. 382.45 Cr were reviewed and recommended to be placed before the SHPSC to accord Administrative Sanction (AS). Thus total number of projects 71 DPRs amounting to Rs. 448.53 Cr are presented to SHPSC. List of projects attached as ***Annexure-II & III.***





**Decision:**

*The SHPSC discussed the projects in detail and decided to accord Administrative Sanction to 71 projects amounting to Rs. 448.53 cr.*

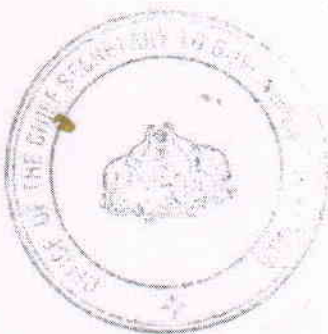
*SHPSC also directed to take immediate steps to expedite the process of issuing Government order for AS.*

*B.*

*[Signature]*  
for Mission Director, AMRUT

Principal Secretary, LSGD

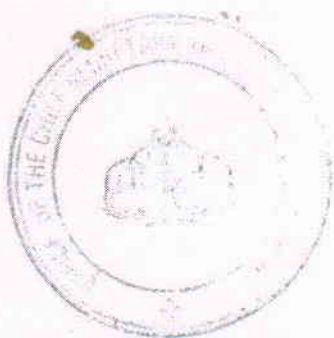
*[Signature]*  
Chief Secretary  
(Chairman SHPSC AMRUT)  
Dr. K.M. ABRAHAM  
Chief Secretary



**Annexure I**

**Participants of 14<sup>th</sup> SHPSC Meeting of AMRUT held on 29.12.2017 at 3.00 PM in the Chief Secretary's Chamber**

1. Sri. V. Rajendra Babu, Respected Mayor, Kollam Corporation
2. Sri.T.K. Jose IAS, Principal Secretary, LSGD
3. Sri. Kalamavardhana Rao IAS, Principal Secretary, PWD
4. Smt. Sharmila Mary Joseph IAS, Secretary, Finance (Expenditure & Planning) .
5. Smt. Shynamol A IAS, Managing Director, KWA
6. Smt. Haritha V.Kumar, IAS, Director, Urban Affairs Dept.
7. Smt. Mrunmai Joshi, IAS, Secretary, Kozhikode Corporation
8. Smt. Vijaya Francis, Deputy Mayor, Kollam Corporation
9. Sri. Ravindran, Technical Member, KWA
10. Smt. Sheela.P., Deputy Secretary, Water Resources Department
11. Sri. C.V. Joy, Director (P), Suchitwa Mission
12. Smt. Gigi George, Chief Town Planner (plg).
13. Sri.S. Chandrababu, General Manager, KMRL



## Annexure II

**Table 4.1 (15<sup>th</sup> SLTC Projects – 22 Nos, Rs.66.08 Cr)**

SL.No	Project Name		Project Sub Cost	Project Cost	SAAP Year
			Rs in Cr	Rs in Cr	
STORM WATER DRAINAGE					
KOCHI MUNICIPAL CORPORATION – 10 Projects					
1	Renovation of Binny Thodu			0.5	2017-18
2	Renovation of Kalluchira Valiya canal			0.51	2017-18
3	Renovation of Kannachan Thodu and drain along Mathai Manjooram Road			1.25	2017-18
4	Drain along Goshree Road (Near Trithwam)			0.52	2017-18
5	Renovation of Karanakodam Thodu & Adimuri Thodu			2.83	2017-18
6	New Drain along Kochakko Athiparambu Road and Masjid Road			0.63	2017-18
7	Drain upto Pambayimoola, east side of Pashnithodu			1.49	2017-18
8	Construction of drain along Kaloor - Kathrikadavu Road (Old)			0.97	2017-18
9	Rejuvenation of Rail Nagar Thodu			0.85	2017-18
10	Rejuvenation of various drains				
	Ward No	LOCATION			
10.1	37	Drain repair along Chennankulanga ra road at Edappally	0.31		
10.2	38	Renovation of drains along Kannanthodathu road, Karivelil road	0.97		
10.3	38	Drain along Thrikkovil road, Mamangalam Anjumana road, Edappally Arakkakadavu road in Devankulangara			

10.4	73	Drain along SRM road at Pachalam	0.14		
10.5	48	Sub-drain to Punchathodu Vyttila	0.48		
10.6	58	Drain both sides of Konthuruthy road from Thevara Mattammal Junction towards East and Mattammal Junction to Thevara College	0.75		
10.7	57	Drain from Chilavannur road to Chilavannur River	0.46		
10.8	63	New construction of drainage from PF quarters to dry Thodu & Kumaranashan jn - St. sebastian church to dry Thodu	0.61		
10.9	51	Joys thodu, Boundary thodu & Athirthy Thodu	0.43		
10.10	71	Side protection of Changadampokku thodu from Karukappilly ABAD towards north to BTS road & repair Valiyaparamba thodu and Keerthi nagar colony drains	0.97		
	<b>TOTAL</b>			<b>5.12</b>	<b>2016-17</b>
<b>SEWERAGE AND SEPTAGE MANAGEMENT</b>					
<b>THRISSUR CORPORATION – 2 PROJECTS</b>					
11	Septage Treatment			3.5	2015-16



	Plant 100 KLD			
12	Sewerage Treatment Plant 360 KLD Capacity General Hospital Thrissur		3.52	2015-16
<b>ALAPPUZHA MUNICIPALITY – 1 PROJECT</b>				
13	STP for General Hospital Alappuzha		3.45	2015-16
<b>THIRUVANANTHAPURAM CORPORATION – 1 PROJECT</b>				
14	Providing new network in the missing areas of core city		9.95	2017-18
<b>PALAKKAD-1 PROJECT</b>				
15	270 KLD SEWAGE TREATMENT PLANT IN PALAKKAD DISTRICT HOSPITAL		2.88	2016-17
<b>URBAN TRANSPORT</b>				
<b>KOCHI CORPORATION – 1 PROJECT</b>				
16	Construction of Footpaths at Various Roads			
16.1	Foot path from line Jn to Samskara Jn. at Palarivattom	0.48		2016-17
16.2	Walkway along the sides of TP Canal, Panambilly nagar	0.49		2016-17
16.3	Footpath along Girinagar Club road	0.25		2016-17
16.4	Walkway along the sides of Thevara Canal near Thevara Market	0.3		2016-17
16.5	Footpath along Chittoor Road at Perandur	0.45		2016-17
	Sub Total		1.97	
<b>THRISSUR CORPORATION – 2 PROJECTS</b>				
17	Renovation Footpath -Phase-3		2.92	2017-18
18	Foot over Bridge		1.12	2017-18
<b>THIRUVANANTHAPURAM CORPORATION – 1 PROJECT</b>				
19	Multi level parking at Corporation premises and Chalai ( behind of Putharikandam Maithanam and transport depot). (Project change)		17.64	2016-17 & 2017-18
<b>ALAPPUZHA MUNICIPALITY – 1 PROJECT</b>				
20	Pedestrian Network		0.39	2015-16

**Total 62.01**

### Projects for revised AS

#### WATER SUPPLY

#### KOCHI CORPORATION – 2 PROJECT

			AS amount (in Cr.)	Revised estimate amount (in Cr.)	SAAP Year
21	Replacement of 250 mm CI pipe 300 mm DI K9 pipe along Konthu ruthi road of Kochi Corporation.		0.405	0.82	2016-17
22	Laying rider line from Kathrikkadavu to Elamkulam Chettichira, Ponnurunni areas and Distribution lines in Chakkaraparambu Chalikkavattom, Vennala areas		0.9	3.25	2016-17
	Total		1.305	4.07	
	Surplus amount		2.765		
	<b>Grand Total</b>			<b>66.08</b>	

SL No	Project Name	Project Cost Rs in Cr	SAAP Year
<b>STORM WATER DRAINAGE</b>			
<b>ALAPPUZHA MUNICIPALITY – 1 PROJECT</b>			
1	Increasing in Storm water Drainage net work in Alappuzha Municipality	25.97	2017-18
<b>KOCHI CORPORATION – 4 PROJECT</b>			
2	Renovation of Canals and Sub Drains	10.53	2016-17
3	Drain along of St: Vincent Road	0.7	2017-18
4	Rejuvenation of Mangalavanam Thodu	0.21	2017-18
5	Various Drains	3.167	2017-18
<b>THRISSUR CORPORATION – 1 PROJECT</b>			
6	Storm Water Drainage Phase-3	13.18	2017-18
<b>THIRUVANANTHAPURAM CORPORATION – 3 PROJECT</b>			
7	Providing new networks and rehabilitation of existing networks - Phase I	19.09	2016-17
8	Providing new networks and rehabilitation of existing networks - Phase II	23	2017-18
9	Providing new networks and rehabilitation of existing networks - Phase III	1	2017-18
<b>PALAKKAD MUNICIPALITY – 1 PROJECT</b>			
10	Construction of drain Nurani Jn. to Kaikuthuparambu via Porikkara theruv	0.33	2017-18
<b>Sub Total</b>		<b>97.177</b>	
<b>PARKS AND OPEN SPACES</b>			
<b>ALAPPUZHA MUNICIPALITY – 5 Projects</b>			
11	Development of Park at Vadackal Beach	0.2	2015-16
12	Development of green cover and park at Valiya chudukad Phase ii	0.83	2016-17
13	Development of green cover and park at Valiya chudukad Phase ii	0.38	2017-18
14	Development of beach Park near children's Library	0.48	2017-18
15	Chathanad Phase II	1.08	2017-18
<b>PALAKKAD MUNICIPALITY – 6 PROJECT</b>			
16	Sriram Park	0.32	2017-18
17	Meena Nagar park	0.55	2016-17
18	Mythri nagar Park-Nurani	0.4	2015-16
19	Nila nagar Park-Olavakkode	0.37	2017-18
20	Ganesh nagar Park-Kalpathy	0.32	2017-18
21	A R Menon Park	0.41	2016-17

22	Nurani park	0.31	2017-18
<b>THIRUVANANTHAPURAM CORPORATION - 3 PROJECT- Rework</b>			
23	Developing one park, Phase I	0.3	2015-16
24	Developing one park, Phase II	2.25	2016-17
25	Developing one park, Phase III	3	2017-18
<b>THRISSUR CORPORATION - 5 PROJECT</b>			
26	Vanchikulam park	1.01	2016-17
27	Renovation of Nehru park-Phase-2	0.75	2016-17
28	Renovation of Nehru park-Phase-3	1	2017-18
29	Renovation of Achutha Menon Park	0.5	2017-18
30	Panamkuttichira Pakalveedu Park	0.72	2017-18
<b>GURUVAYUR MUNICIPALITY - 1 PROJECT*</b>			
31	Development of park and play ground at Pookode	0.35	2016-17
	<i>*AS issued for 0.63 cr on 27.09.2017</i>		
	<b>Sub Total</b>	<b>15.53</b>	
<b>WATER SUPPLY</b>			
<b>KOZHIKODE CORPORATION - 1 PROJECT</b>			
32	Integrated Calicut Water Supply Project phase 2 - Laying of Distribution line in 10 Zones	46.55	2017-18
<b>THIRUVANANTHAPURAM CORPORATION - 1 PROJECT- Rework</b>			
33	Installation of Flow meters	7.5	2017-18
<b>THRISSUR CORPORATION - 4 PROJECT</b>			
34	AMRUT- Zoning and mapping of water supply system of Thrissur Corporation-Supply and Laying of various dia pipes-Part-1	8	2017-18



35	AMRUT- Zoning and mapping of water supply system of Thrissur Corporation-Supply and Laying of various dia pipes-Part-2	17	2017-18
36	Floating intake structure at Peechi Reservoir	5	2017-18
37	WET- Water Efficient Thrissur	4.36	2017-18
<b>GURUVAYUR MUNICIPALITY - 1 PROJECT</b>			
38	REJUVENATION OF PONDS(For independant water supply scheme-15 ponds)	10	2017-18
	Sub Total	<b>98.41</b>	
<b>SEWERAGE</b>			
<b>THRISSUR CORPORATION - 1 PROJECT</b>			
39	De-centralised Sewerage Scheme for Thrissur Municipal Corporation	53.4	2017-18
<b>KOCHI CORPORATION - 1 PROJECT</b>			
40	REJUVENATION OF ELAMKULAM SEWRAGE TREATMENT PLANT AT KOCHI	13.7	2016-17
<b>KANNUR CORPORATION - 1 PROJECT</b>			
41	Providing de-centralised sewerage network with STP in old Kannur municipal area.	46.81	2017-18
<b>PALAKKAD MUNICIPALITY - 1 PROJECT</b>			
42	Sewerage Treatment plants at Karukodi and Sundaram Colony-	26.05	2016-17
<b>THIRUVANANTHAPURAM CORPORATION - 3 PROJECT</b>			
43	Providing new networks (Sewerage facility in the Kalladimugham Housing Colony)	9.47	2017-18
44	Providing mechanical Sludge drying unit at muttathara 107 Mld STP	5	2017-18
	Sub Total	<b>154.43</b>	
<b>URBAN TRANSPORT</b>			
<b>THIRUVANANTHAPURAM CORPORATION - 1 PROJECT</b>			
45	Multi level Car parking at Medical College (Opposite of Super speciality block)	14	2017-18
<b>PALAKKAD MUNICIPALITY - 4 PROJECT</b>			
46	Construction of river side walkway along Kalpathy River bank	1.65	2017-18
47	Construction of paved Footpath along Stadium - Bypass -IMA Road	0.83	2016-17

48	Construction of paved footpath along English Church road to BEM School Jn.	0.38	2017-18
49	Parking near CSI Hostel	0.04	2015-16
	Sub Total	<b>16.9</b>	
	<b>Grand Total</b>	<b>382.447</b>	

**Minutes of the 17<sup>th</sup> State Level Technical Committee (SLTC) of Atal Mission for Rejuvenation and Urban Transformation (AMRUT) held on 25<sup>th</sup> January 2018 at 11:00 AM in the Chamber of the Additional Chief Secretary, Local Self Government Department, Government of Kerala.**

The meeting of State Level Technical Committee commenced at 11:00 am in the Chamber of Additional Chief Secretary, Local Self Government Department. List of participants is attached as *Annexure I*

**Agenda Item No. 1. : Confirmation of the Minutes of the 16<sup>th</sup> SLTC held on 28.12.2017**

**Decision :** *The SLTC confirmed the Minutes of the 16<sup>th</sup> SLTC held on 28.12.2017.*

**Agenda Item No. 2. : Action taken report on the decisions of 16<sup>th</sup> meeting of SLTC**

**Agenda Item No. AA1: Kollam Municipal Corporation: Letter from Hon'ble Mayor to Sanction 1) New Storm Water Drainage Projects and 2) Implementation of Sewage Treatment Project by KWA.**

The Hon'ble Mayor, Kollam Municipal Corporation requested the SLTC to sanction for new DPRs in Storm Water Drainage 2017-18 phase III and allow implementation by Kerala Water Authority, of the Sewage Treatment Plant (under AMRUT project) and completion of balance components in networks and commissioning of sewerage system.

**Decision:**

SLTC took the decisions:

1. Transfer of savings from Urban Transport to Storm Water Drainage is not admissible as SWD is not a priority Sector.
2. Implementation of proposed STP at Kureepuzha through KWA to be taken up as an agenda item in the 14<sup>th</sup> SHPSC.

**Action Taken:** *Decision no.2 has been presented in the 14<sup>th</sup> SHPSC held on 29.12.2017 and obtained approval for implementation of the project by KWA, on assurance by the Kollam Municipal Corporation to surmount all local issues and resolve all hindrances for accomplishment of the project in time.*

**Agenda Item No. 3: Approval of DPRs for recommendations to SHPSC.**

The MMU received 49 projects amounting to Rs 382.45 Cr from seven mission cities viz. Thrissur, Alapuzha, Kochi, Thiruvananthapuram, Palakkad, Guruvayoor and Kannur.

**Decision:**

SLTC decided to recommend 49 projects amounting to Rs. 382.45 Cr. for the consideration of SHPSC

**Action Taken:** *The recommended 49 projects amounting to Rs. 382.45 Cr. were placed in the 14<sup>th</sup> SHPSC meeting on 29.12.2017 and AS accorded to 71 projects amounting to Rs. 448.53 Cr. as per G.O. (Rt) No. 5/2018/LSGD dated 01.01.2018.*

**Decision:** *The Committee noted the Action Taken Report of the 16<sup>th</sup> SLTC meeting. It is also noted that the promise given to GoI in the meeting chaired by Secretary, Ministry of Housing and Urban Affairs, GoI that*



*works will be awarded at least in 25% projects in SAAP I (2015-16) and to issue 100% AS to AMRUT projects are not yet achieved by SMMU. Chairman expressed his deep displeasure to MD and team for this severe lapse.*

**Agenda Item No. 3: APPROVAL OF NEW PROJECTS DUE TO SECTOR CHANGES AND SAAP SAVINGS**

The following ULBs have requested for approving new projects from savings either owing to sector changes or inclusion of new projects.

1. Vide letter no. E2-52024/15(1) dated 12.01.2018, Alappuzha Municipal Chairman requested to transfer the balance amount of 6.64 Cr. from the Sewerage Sector to Water Supply Sector for taking up new projects under WS sector.
2. Guruvayur Municipality requested to consider a new park project amounting to Rs. 28 lakhs at Choolppuram. The amount is resulted from the savings in parks sector projects.
3. Vide letter No. E13/133186/15 dated 22.01.2018, Thiruvananthapuram Municipal Corporation requested to include 2 new projects ie, Water supply project – 1 No @ 2.5 Cr. (Replacement of old and damaged pipeline of Triyandrum Water supply Scheme – Phase II) and Sewerage project – 1 No @ 0.353 Cr (Providing sewerage facilitate to newly constructed housing colony at Karimadom) incurred from SAAP savings.

**Decisions taken:**

1. Balance fund in sewerage / septage sector should be utilized in the same sector and can't be transferred to the water supply sector. Land for the septage treatment plant is to be identified out by Alappuzha municipality, to avoid the lapse of funds. Chairman also expressed his displeasure about non-representation from Alappuzha Municipality in the meeting.
2. Approved and DPR is presented in the SLTC meeting.
3. Approved and DPR is presented in the SLTC meeting.

**Agenda Item No. 4: REQUEST FOR PROVIDING TABLET PCs FOR ALL WARD COUNCILORS OF THIRUVANANTHAPURAM MUNICIPAL CORPORATION**

Vide letter No.E13/133186/15 dated 22.01.2018, the Secretary Thiruvananthapuram Municipal Corporation requested SLTC to consider the recommendation by the Corporation Council to buy tablets for all Councilors of Trivandrum Corporation (*as part of their capacity building initiatives*) from the “Reform incentive” amount of

2.09 Cr. The Estimated amount for 100 ward councilors @ 20,000/- per tablet will be amounting to Rs.20.0 lakhs.

**Decisions taken:** SLTC meeting concurred with the Mission Directorate' observation and informed that tablets are inadmissible components as per AMRUT guidelines and the "reform incentive" award can only be used on admissible components of AMRUT including new projects, reform implementation and capacity Building initiatives. Therefore, ULB may meet such expenditure from their own fund.

**Additional Agenda Item No. A1: LETTER FROM HON'BLE MAYOR, KOLLAM CORPORATION – 1). REQUEST FOR TRANSFER OF FUND OF RS. 38.15 CR FROM SEWERAGE AND URBAN TRANSPORT SECTOR TO WATER SUPPLY SECTOR 2). REQUEST FOR RECOMMENDATION OF ADMINISTRATIVE SANCTION FOR 7 PARKS PENDING AT 9TH SLTC HELD ON 12 JULY 2017**

The Hon'ble Mayor, Kollam presented the following topics:

1. The total un-utilized amount in Sewerage/Septage and UT Sector (35.64 + 2.15) of Rs. 38.15 Cr. to transfer to Water Supply Sector for the completion of comprehensive water supply scheme project for Kollam.
2. Administrative sanction for 7 parks which had been pending with 9<sup>th</sup> SLTC (held on 12.07.2017) for submitting consent from the concerned departments such as ownership documents, clearance certificate required from Revenue, NH and PWD.

**Decisions taken:**

1. Transfer of fund from Sewerage and Urban Transport Sector to Water Supply Sector, at this stage is not admissible, as the total fund requirement of sewerage and septage sector is not yet finalized. For the Kollam STP, a meeting is also scheduled with the Hon.Minister for LSGD on 31<sup>st</sup> January 2018 and therefore, unable to decide in this meeting.
2. Approved for recommendations to Administrative Sanction of 7 parks in the next SHPSC.

**Additional Agenda Item No. A2: REQUEST FROM SECRETARY PALAKKAD MUNICIPALITY TO ACCORD ADMINISTRATIVE SANCTION FOR FOB PART (UNDER ESCALATOR PROJECT) TO BE EXECUTED BY INDIAN RAILWAYS.**

Secretary - Palakkad Municipality (Ltr. E1-27910/16 dated 24.01.2018) has requested for providing Administrative Sanction for the total estimate of Rs.

Rs. 3,24,51,615 in the Gandhi Bazar (GB) Road Escalator – FOB project (where AS already obtained for escalator part) and AS remaining for the FOB part undertaken by the Railway Department.

**Decision taken:** SLTC meeting decided to recommend to the next SHPSC meeting for obtaining AS for the FOB part to be undertaken by the Railway Department.

### **Agenda Item No. 3: APPROVAL OF NEW DPRs FOR RECOMMENDATION TO SHPSC.**

The SMMU received 8 projects amounting to Rs 142.983 Cr from five mission cities viz. Thrissur, Thiruvananthapuram, Guruvayoor, Kollam and Kozhikode.

SLTC also received 3 additional request for AS. 2 (two) from Kollam Corporation ie. One for 7 parks (pending since 9<sup>th</sup> SLTC) and One for Kollam STP Kureepuzha. 1 (one) from Palakkad City, ie. Escalator – FOB project at GB road. Total of 3 AS additional requests is amounting to Rs. 36.898 Cr.

Summary of the DPRs of the projects is given below:

Sector	City	DPRs reviewed	Cost (In Cr)	DPRs approved	Cost (In Cr)	Implementing Agency
Water Supply	Thrissur	1	6	1	6	KWA
	Thiruvananthapuram	1	2.5	1	2.5	KWA
	Guruvayur	1	10	1	10	KWA
Sewerage/Septage	Kozhikode	1	106.69	1	106.69	Kozhikode Corp.
	Guruvayur	1	4.5	0	0	
	Kollam	2	42.66	2	42.66	Sewerage – KWA Septage -Kollam Corp.
	Thiruvananthapuram	1	0.353	1	0.353	KWA
Urban Transport	Palakkad	1	3.545	1	3.545	ULB/Railway*
Parks & Open Spaces	Guruvayur	1	0.28	1	0.28	Guruvayur Municipality
	Kollam	1	3.353	1	3.353	Kollam Corporation
<b>Total</b>		<b>11</b>	<b>179.881</b>	<b>10</b>	<b>175.381</b>	

\*Revised AS

SLTC has approved 10 projects amounting to Rs.175.381 Cr.

**Decision:** The committee decided to recommend 10 projects amounting to Rs. 175.381 Cr for the consideration of next SHPSC Meeting.

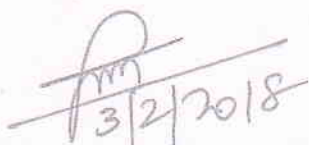


**General Observations/Decisions:**

No.	Decisions/General Observation	Action to be taken	Time limit	Monitoring by
1.	KWA technical member Sri. Raveendran informed the SLTC that KWA has awarded projects of approx. 145 Cr.. Chairman asked KWA to provide a copy of the list of these projects. Based on the same, the Chairman directed SMMU to obtain the approval of SAAP III on or before 15 <sup>th</sup> February 2018.	KWA/SMMU	15.02.2018	Mission Director, SMMU
2.	Delay analysis should be done by SMMU on SAAP wise and KWA/non-KWA projects sector wise and ULB wise	SMMU	07.02.2018	Mission Director, SMMU
3.	20% salary of CMMU staffs to be deducted from 5 <sup>th</sup> January 2018 for those CMMUs who failed to submit DPR within the stipulated time limit	Mission Director	31.01.2018	Additional Chief Secretary, LSGD
4.	20% salary of SMMU staff to be deducted if the SAAP III approval is not obtained from MOUHA prior to 15 <sup>th</sup> February 2018.	Mission Director	15.02.2018	Additional Chief Secretary, LSGD
5.	ULBs should develop a plan of action for SAAP wise project implementation. This decision of SLTC to be implemented by each Secretary/ Additional Secretary and Engineering Department of the ULBs and CMMU. SMMU shall monitor the progress meticulously.	ULB Secretaries/L SGD Engineering Wing	07.02.2018	Mission Director
6.	DPR for Kollam Sewerage Treatment Plant (by KWA) to be revised as per the timelines 45 days for TS, 1month for tender publication, 1 month for acceptance and 12 months for completion.	KWA/ULB	07.02.2018	Mission Director

7.	Proposed an incentive for motivating different agencies for the early completion of projects. Suggested that, 0.5 % of the cost of work awarded to be fixed as an incentive and this is to be distributed to agencies those who complete the project before the scheduled time frame. This incentive can be met from the reform incentive of ULBs. Likewise there shall be penalty for delayed completion proper clauses for incentive and penalty to be included in the agreements to be executed.	ULB/KWA		Additional Chief Secretary, LSGD
8.	Every ULB has to notify a bylaw for septage management, especially for septage collection and transportation –colour coding of vehicles and safety measures for septage transportation vehicles. Director, Urban Affairs shall initiate this process.	Director, Urban Affairs	15.02.2018	Additional Chief Secretary, LSGD

The meeting concluded at 2.30 PM



**Additional Chief Secretary (LSGD)**

  
Mission Director, AMRUT

**17<sup>th</sup> State Level Technical Committee (SLTC) of Atal Mission for Rejuvenation and Urban Transformation (AMRUT)**

*Members Present:*

1. Adv. V.K. Prasant, Mayor, Thiruvananthapuram Corporation.
2. Adv. Rajendra babu, Mayor, Kollam Corporation.
3. Prof. P.K. Santhakumari, Chairperson, Guruvayur Municipality
4. Sri. P.S. Mohammed Sagir, IAS, Mission Director, AMRUT
5. Smt. M.L. Rosy, Standing Committee Chairperson,
6. Sri. Saji Kumar, Chief Engineer, LSGD
7. Sri. Rajendran K., Director (Operations), Suchitwa Mission.
8. Sri. Gigi George, Chief Town Planner (Plg.)
9. Smt. K.S. Usha, Additional Secretary, Finance Department
10. Smt. Thara Samuel, Additional Secretary, Water Resource Department
11. Sri. Raveendran T., Technical Member, KWA
12. Sri. V.K. Balraj, Joint Director, Urban Affairs.
13. Sri. Nizarudhin, Secretary, Thrissur Corporation
14. Sri. V.R. Raju, Secretary, Kollam Corporation
15. Smt. Salini P.N., Scientist, NATPAC
16. Smt. Resmi Ravēendran, Under Secretary, Power Department
17. Smt. V.G. Komalam, Executive Engineer, PWD, Roads & Bridges.
18. Sri. K. Boben, Executive Engineer, Thrissur Corporation
19. Sri. K.A. Suli, Supdt. Engineer, Kozhikode Corporation



List of Projects recommended for AS

Sector	City	Project Name	DPR Cost. (Cr)	Remarks
Water Supply	Thirissur	Design Construction and Commissioning of 3MLD WTP, Reservoir and Pumping main for Ollukara Zone	6	Project phase-2 (4.41 Cr) also to be considered by ULB and to be added in 2018-19 Plan Fund. O&M of the proposed Treatment Plant to be taken by ULB.
	Thiruvananthapuram	Replacement of Old and Damaged Pipelines of Trivandrum Water Supply Scheme and Alteration of House Connections – Phase II	2.5	The project approved and recommended for SHPSC.
	Guruvayur	Laying Distribution Networks in Thykkad Zone-Guruvayur Municipality	10	The project approved and recommended for SHPSC.
	Kozhikode	De-centralised Sewage & Septage Treatment Plants & Associated Sewerage Networks for Zone- A	106.69	The details of the project were presented by the consultant and CMMU of Kozhikode. It was informed to the SLTC by the consultant that one of the location where the STP is being proposed has a stream (AvikkalThodu) which is highly polluted and it would be good if Kozhikode could show case a project, where in we could treat this water in the STP and also utilize the treated water from the STP to clean up this stream. The Chairmān enquired if this proposal was a part of this project. Since this component was not included the Chairmān informed that Kozhikode Corporation could look at the possibility of including the proposal in this project if funds are available or could take this up as a pilot study
Sewerage/ & Septage				Secretary Kozhikode Corporation enquired if the Corporation could put up proposals as a part of its

			<p>savings from other sectors like Storm Water Drainage .The Chairman informed that KozhikodeCorporation could propose the above said project as a part of its savings. It was further directed that the Corporation should study the viability of proposing a Septage Treatment Plant towards the south-west side below zone A (between Kallayi river and Chaliyar River), which is water logged and also densely populated. This should be given priority and any further savings shall be considered to be included in Water Supply Sector projects in the upcoming SLTC.</p> <p>The project approved and recommended for SHPSC</p>
Kollam	Septage Treatment Plant	12.66	<p>➤ No: of households coming on 100 mtr radius of the proposed septage Treatment plants to be identified and marked in a map by the CMMU Team taking the support of ULB. The CMMU team has to consult with the near by Botany department for the selection of Saplings and plant .</p> <p>The project approved and recommended for SHPSC</p>
Kollam	Sewage Treatment Plant-Kureepuzha	30.0	<p>➤ Bio fencing to be done on the periphery of proposed plant area by KWA. The available space of the remaining plant foot area to be planted with Stingless colorful type bamboos, fast growing flowering plants with good fragrance and biomass. Aerosol absorbent plants and trees may also be planted. The Saplings, plant selection can be done consulting the botany department .</p>

				The project approved and recommended for SHPSC
	Thiruvananthapuram	Providing sewerage facility to newly constructed residential colony at Karimadom –Part II	0.353	The project approved and recommended for SHPSC
Urban Transport	Palakkad	GB Road Escalator – FOB project	3.545	The project approved and recommended for SHPSC subject to availability of fund in UT sector and cancellation of previous AS issued for 3cr.[GO( Rt) No: 1329/2016/LSGD ] dated 26.03.2016
Parks & Open Spaces	Guruvayur	Park at Choolppuram	0.28	The proposed park area is only 30 cents. A total of 2 acres of land is available adjacent to the proposed park area. A walking/jogging track of minimum 200mtr length to be provided on the proposed park taking more available land area from the adjacent land .More plants ,trees and a plastic collecting and shredding unit may be started by ULB at that area in convergence with other projects like SBM , Ayyankali Thozil Urappu Project, Kudumbasree etc. This will make a remediation to the trenching ground The project approved and recommended for SHPSC
	Kollam	1.Asraamom 2. Kambiyilkkulam (Thrikkadavoor) 3. Thirumullavararam-Ozhukkuthodu-Park 4. Veliyilkulangara 5. Thanni Park 6. Thoppilkadavu Park 7. Kilikollloor-Elavanthi Park	1.319 0.272 0.576 0.282 0.17 0.556 0.178 <b>3.353</b>	The projects approved and recommended for SHPSC



## Project to be reworked

Sector	City	Project Name	DPR Cost. (Cr)	Remarks
Sewerage/ &Septage	Guruvayur	Septage Treatment Plant at Chakkumkandam	4.5	The project is approved in principle. But as the land is owned by KWA, a consent letter from KWA to be obtained as permissive sanction for constructing the septage Treatment plant.