

Minutes of the 11th State Level High Powered Steering Committee (SHPSC) of Atal Mission for Rejuvenation and Urban Transformation (AMRUT) held on 13th October 2017 in the Committee Room of the Chief Secretary, Government of Kerala.

The meeting of the 11th State Level High Powered Steering Committee (SHPSC) of AMRUT chaired by Dr. K.M. Abraham IAS, Chief Secretary, Government of Kerala, commenced at 05.00 pm. List of Attendees has been attached in Annexure 1.

Sri P S Mohammed Sagir, Mission Director of AMRUT, presented the points in the agenda one by one and after detailed deliberations following decisions were made.

Agenda Item No. 1. Approval of Minutes of the 10th Meeting of SHPSC.

The Committee approved the minutes of 10th meeting of SHPSC (enclosed as *Annexure II*) held on 14th July 2017

Agenda Item No. 2. Action taken report on the decisions of the 10th meeting of SHPSC held on 14th July 2017

The Committee noted the Action Taken Report on the decisions of the 10th SHPSC held on 14th July 2017. The Committee has also given its additional decisions on the Action taken report items.

AGENDA & DECISION

2.1: Seeking financial support of the State in assisting the ULBs.

Based on SHPSC's direction to seek the State's support in financially assisting the Mission cities to meet the ULB share for the projects under the priority sectors - Water Supply & Sewerage, a joint meeting of the Hon. Minister of Finance, Hon. Minister of Water Resources and Hon. Minister of Local Self Government Department was convened on 16th May 2017. In the meeting, it was decided that out of the 20% ULB share of the project cost of water supply (Rs. 214.23 Cr) and sewerage / septage management (Rs. 124.95 Cr) projects of the AMRUT mission cities for the mission period, the State government shall contribute 15% of ULB share upfront and the ULBs have to meet only 5% of the project cost.

The SHPSC entrusted the Mission Director to expedite the pending minutes of the meeting and follow up action.

Minutes of the meeting were approved by concerned Ministers and a Government order in this regard is currently under processing. SMMU stated that currently the file (DC2/454) was with Finance (Development) section.



Decision:

SMMU was entrusted to track the current status of the G.O. with the concerned Department and facilitate the quick issuance of the order.

Action by	Time Limit	Monitoring by
Sri. P.S Mohammed Sagir, Mission Director, AMRUT	25.10.2017	Sri. T.K.Jose, Principal Secretary, LSGD

2.3. Energy Audit for Water Systems

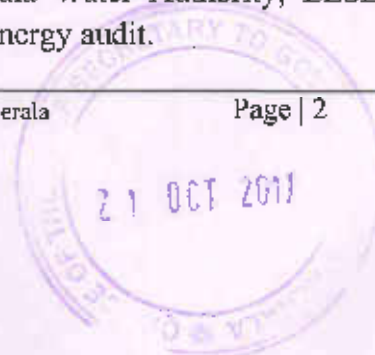
One of the mandatory reforms to be adopted by the State as part of AMRUT is to conduct energy audit of water pumping systems and replace inefficient pumps. For this, the Ministry of Urban Development has directed to take the support of Energy Efficiency Systems Limited(EESL). SHPSC observed that the last energy audit was done by KWA long back and the technology has advanced much since then. The SHPSC 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 in the nine AMRUT cities. The contract agreement among KWA, Mission Directorate and EESL had to be finalized. Mission Directorate has requested KWA to share the city-wise scope of work and relevant information to be included in the agreement. 10th SHPSC had entrusted Chief Engineer, KWA to ensure that the agreement is signed in the last week of July 2017 and audit process to start by 1st week of August.

Official communication and reminder emails have been issued numerous times to KWA for the subject, but agreement is yet to be signed with EESL. The urgency for the Energy Audit of Water Systems and pump replacement, has been raised by MoHUA in their project review meetings held in New Delhi on 14/9/2017 and at Kochi on 03/10/2017 and the State has committed the speedy completion of the project.

Therefore, KWA shall now advise the date at which the agreement will be signed and when the process will start.

Decision:

The Chairman directed Secretary, Water Resources to expedite the signing of agreement between Kerala Water Authority, EESL and Mission Directorate for conducting energy audit.



Action by	Time Limit	Monitoring by
Smt. Shaina Mol, Managing Director, Kerala Water Authority	25.10.2017	Smt. Tinku Biswal, Secretary, Water Resources Department

9.1: Establishment of Municipal Cadre

This reform suggests a minimum of three cadres – Administrative, Technical and Finance - to be established in each state. For each cadre, it is suggested that the State government should bear their salaries, recruitment should be based on State rules and the employees may be transferrable to other cities every three years.

As the state already has a well established Administrative and Technical cadre, steps had to be initiated to establish a finance cadre in the State.

In Municipal Finance Cadre, there is need for specialized officers to be appointed. In line with the Finance Minister's budget speech to appoint a Chartered Accountant in all the six corporations, the SHPSC decided that a Chartered Accountant each should be appointed in all the nine mission cities to comply with the reform.

The SHPSC held on 14/07/2017 had directed Director (Urban Affairs) to submit a request regarding the appointment of CA in all Mission Cities and a detailed proposal to create a Municipal Finance cadre in the State to the Government.

The Director (Urban Affairs) has submitted a proposal to the Government to establish a municipal finance cadre.

Decision:

The Chairman informed Director, Urban Affairs to appoint Chartered Accountants in the nine AMRUT mission cities initially with permission from government and to ensure that ULBs will give the remuneration for the Chartered Accountant from their own source of revenues.



10: APPOINTMENT OF DEPUTY DIRECTOR (PROJECTS)

In order to guide the Mission Directorate regarding the governmental procedures, liaison with para-statal agencies and Independent Review and Monitoring Agencies and advice in tendering and technical inspection of projects and appraising the variations in tender from time to time, during the project implementation phase of AMRUT, a serving officer from KWA / PWD or LSGD was requested to be appointed on deputation in State Mission Management Unit.

The 10th SHPSC directed Chief Engineer, LSGD to depute an officer from LSGD Engineering Wing not below the rank of Assistant Executive Engineer with M.Tech/MBA as Deputy Director (Project), SMMU, AMRUT.

In response, the Mission Director has received a copy of the letter submitted by CE, LSGD to the Principal Secretary stating the non availability of Assistant Executive Engineer rank officials and submitting the Curriculum Vitae of an Assistant Engineer in the LSGD, who is willing to take up the position. Final orders in this regard is awaited.

Decision:

The Mission Director shall assess the suitability of the nominated officer, ensure the willingness of the officer to take up the position, and inform Principal Secretary (LSGD) requesting for posting the officer on working arrangement.

Agenda Item No. 3. Status of AMRUT Mission

The committee deliberated in detail about the present status of the Mission. Since all three SAAPs are approved, the target for the mission period (2015-2020) is well defined now.



3.1 PROJECT PROGRESS

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 (Awaiting GO)	No of projects	Total cost	No of project	Total cost
2015-16	100	587.99	76	456.90	50	421.85	151*	45	226.80	22	20.1
2016-17	122	796.06	81	537.86	25	253.13		-	-	-	-
2017-18	157	973.64	74	229.71	5	50.60		-	-	-	-
TOTAL	379	2357.69	* 231	1224.47	80	725.58		45	226.80	22	20.1

* Out of this 151, in this SHPSC, 110 DPRs are put up for issuing AS, 41 DPRs remaining.

DPR preparation

Sector wise progress in DPR preparation was discussed and the timelines were assigned for completion of DPRs.

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	4	3	23	19	4	11	8	3	8	1	7	4	2	2	53	34	19
Kollam	8	7	1	6	0	6	4	4	0	9	6	3	5	5	0	32	22	10
Alappuzha	3	3	0	3	0	3	3	0	3	5	0	5	6	5	1	20	8	12
Kochi	19	19	0	4	0	4	19	2	17	10	2	8	6	1	5	58	24	34
Thrissur	21	15	6	4	0	4	3	0	3	5	0	5	6	1	5	39	16	23
Guruvayoor	6	4	2	2	0	2	3	3	0	3	3	0	5	5	0	19	15	4
Palakkad	14	6	8	2	0	2	56	56	0	21	17	4	18	18	0	111	97	14
Kozhikode	4	3	1	3	0	3	5	5	0	2	0	2	10	1	9	24	9	15
Kannur	9	6	3	2	0	2	3	0	3	2	0	2	7	0	7	23	6	17
Total	91	67	24	49	19	30	107	78	29	65	29	36	67	38	29	379	231	148

The SHPSC observed that there is considerable progress in the DPR preparations during the last three months. However, to compensate for the earlier delays, tighter schedules and timeframes need to be defined.



New targets for DPR preparation and implementation decided by the SHPS-C are given below.

1. DPR Preparation of all projects shall be completed before 30th November 2017.

Action by	Time Limit	Monitoring by
ULBs / KWA/CMMU/SMMU	30.11.2017	Sri. P.S Mohammed Sagir, Mission Director, AMRUT

2. AS approvals of all SAAP projects shall be completed before 31.12.2017.

Action by	Time Limit	Monitoring by
ULBs / KWA/CMMU/SMMU	31.12.2017	Sri. P.S Mohammed Sagir, Mission Director, AMRUT

3. TS approvals of all SAAP projects shall be completed before 31.12.2017.

Action by	Time Limit	Monitoring by
ULBs / KWA / TEC/SMMU/CMMU	31.12.2017	Sri. P.S Mohammed Sagir, Mission Director, AMRUT

4. Work tendering process shall be completed before 31.01.2018.

Action by	Time Limit	Monitoring by
ULBs / KWA/CMMU/SMMU	31.01.2018	Sri. P.S Mohammed Sagir, Mission Director, AMRUT

5. The Chairman directed the Kerala Water Authority/ULBs/CMMU/SMMU in the Mission Cities to adopt fast track plans and procedures in all SAAP projects and update the progress on regular intervals to enable a continuous performance monitoring progress of the project and reporting to state and MoHUA.



6. The meeting decided that a web based project monitoring system shall be developed with the help of National Informatics Centre or similar agency, enabling the tracking of well-defined milestones for each project.

Action by	Time Limit	Monitoring by
Smt. Bhagavathy Iyer IT cum M&E Expert	15.11.2017	Sri. P.S Mohammed Sagir, Mission Director, AMRUT

7. The PERT chart for various activities is given in Annexure IV.
8. The SHPS-C analyzed the current status of the DPR preparation sector wise, as below:

Water Supply Sector
No. of DPRs pending : 24 Proposed Completion date : 30.11.2017 Action By : Managing Director, KWA Monitoring by : Mission Director, AMRUT
Sewerage / Septage management Sector
No. of DPRs pending : 30 Proposed Completion date : 30.11.2017 Action By : (1) MD, KWA for Trivandrum & Kochi (2) Secretaries of all other AMRUT mission cities Monitoring by : Mission Director, AMRUT
Storm water Drainage Sector
No. of DPRs pending : 29 Proposed Completion date : 30.11.2017 Action By : Secretaries of AMRUT mission cities Monitoring by : Director, DUA & Mission Director, AMRUT
Urban Transport
No. of DPRs pending : 36 Proposed Completion date : 30.11.2017 Action By : ULB Secretaries of AMRUT mission cities Monitoring by : Director, DUA & Mission Director, AMRUT

21 OCT 2017

Open Spaces & Parks Sectors

No. of DPRs pending : 29

Proposed Completion date : 30.11.2017

Action By : ULB Secretaries of AMRUT mission cities

Monitoring by : Mission Director, AMRUT

The Secretary, Water Resource Department raised concerns about the land availability for water supply projects and the Principal Secretary has clarified that all the projects selected under AMRUT in 2015-16, 2016-17 and 2017-18 does not involve land acquisitions which were encountered in the past KSUDP projects. The external factors likely to affect the water supply projects such as land acquisitions, road cutting works in corporation roads and road cutting works in PWD roads etc. will be resolved within a maximum period of 30 days, through the District Collector and if still issues persist, the Chief Secretary will intervene and resolve it.

The Principal Secretary, LSGD brought to the attention of the Chairman that the officials of Ministry of Housing and Urban Affairs of India, in their Project Review Meetings held on 14 /09/2017 (in New Delhi) & on 03/10/2017 (in Kochi) have expressed serious concern over the incomplete milestone – awarding 25% works of SAAP I which is mandatory for the final approval of the SAAP III and release of first installment. It was observed that there is delay in tendering of water supply projects which has received AS and TS. In this context, KWA officials explained the need for revising the estimates of SAAP I and II water supply projects due to DSR revision which is taken up in detail under Additional Agenda 2..

The Chairman directed the Secretaries of Mission Cities and Managing Director, KWA to adopt immediate action plans for all activities for time bound implementations based on the newly defined timeframes. KWA shall collect details of all road cutting works and apply to obtain sanction from the concerned department, before the commencement of tendering activities, to avoid time delays in the project implementation.

Agenda Item No. 4. OPERATIONAL GUIDELINES FOR AMRUT PROJECTS

The Mission Directorate has prepared operational guidelines for the institutional building and timely implementation of projects, reforms and capacity building activities proposed under AMRUT. The guidelines prepared were circulated in the SHPS.

Since the operational guidelines need a closer look by all members and comments from major stakeholder departments, the members will present their views/comments in the next SHPS for approval.

Decision:

The Committee appraised the Operational Guidelines and approved subject to the following guidelines.

1. Time lines shall be included in the Operational Guidelines about the Schedule of GIS mapping in AMRUT Cities and the Energy Audit of Water Pumps. Responsibilities shall be assigned to Chief Town Planner (Planning) to deliver the GIS Mapping Progress and KWA to complete the energy audit of Water Pumps.
2. The operational guidelines shall also specify the final decision taken for according Administrative and technical Sanction for all the projects, sector wise.
3. The payment modalities for the projects to be clearly defined in the Guidelines.

Action by	Time Limit	Monitoring by
Sri. P.S Mohammed Sagir, Mission Director, AMRUT	25.10.2017	Sri. T.K.Jose, Principal Secretary, LSGD

Agenda Item No. 5& Addl. Agenda Item No. 1.

ADMINISTRATIVE SANCTION OF DPRS

In the 9th SLTC held on 12.07.2017,40 DPRs amounting to Rs.121.13Cr (Table 5.1), in the 10th SLTC held on 26.09.2017,42DPRs amounting to Rs66.02Cr(Table 5.2) and 11th



SLTC held on 12.10.2017 28 DPRs amounting to Rs.284.196Cr were reviewed and recommended to be placed before the SHpsc to accord Administrative Sanction (AS).The list of Projects are enclosed in *Annexure 3*. The SHpsc discussed 110 projects in 8 ULB and after detailed discussions decided to accord Administrative Sanction to 110 projects amounting to Rs. 471.35 cr. SHpsc directed to take immediate steps to expedite the process of issuing Government order for AS. After obtaining the Government order for AS, process of giving TS is to be expedited.

Action by	Time Limit	Monitoring by
Sri. P.S Mohammed Sagir, Mission Director, AMRUT	31.10.2017	Sri. T.K.Jose, Principal Secretary, LSGD

Addl. Agenda Item No.2. REVISED ADMINISTRATIVE SANCTION (as per the request from KWA) for Water supply and Sewerage Projects due to DSR Revisions

Vide Letter No. KWA/JB/P-3/01/2016 dated 22.09.2017, the Managing Director, Kerala Water Authority has informed the Mission Director, AMRUT that KWA has prepared the DERs of Projects during November 2016 to February 2017 as per DSR 2014, but now the DSR has been revised and DSR 2016 has come into force. The MD, has requested whether KWA can go ahead with the Tendering process after updating estimates to the current DSR 2016 in anticipation of approval of the difference in amount on account of the revision. The cost impact of the revision is not yet submitted by KWA.

The summary list of projects communicated by KWA, as per DSR 2014, is below:



Mission City	No. of Projects (62 Nos.)			Basis of Estimate
	SAAP 2015-16	SAAP 2016-17	SAAP 2017-18	
Thiruvananthapuram	5	4		DSR 2014
Kollam	10	2	1	
Alappuzha	1			
Kochi	2	9		
Thrissur	9	1		
Guruvayur	1	2	1	
Palakkad	2	4		
Kozhikode	1			
Kannur	3	3		
Total No.	35	25	2	

Decision:

The Committee directed that the projects can be tendered based on the DSR 2014 rates as lower cap with contract award allowable at a maximum upper cap rate of DSR 2016. No deviations are accepted beyond DSR 2016 rates. KWA was directed to expedite the tendering.

Action by	Time Limit	Monitoring by
Smt. Shyna Mol Managing Director, KWA	13.11.2017	Sri. T.K.Jose, Principal Secretary, LSGD

Addl. Agenda Item No. 3. Proposal of a new project under Sewerage and Septage Sector by Kozhikode Corporation – Sewage Treatment Plant at Medical College.

The above project is proposed as a replacement of a multilevel parking projects approved in SAAP 16-17 under urban transport sector. As per decision no. 4 of the 9th SLTC held on 12.07.2017 the cancellation of Multilevel parking was approved and recommended the transfer of the amount to the Sewerage Sector. SLTC also decided to recommend the change to the next SHPS for approval.

The proposal for Sewerage treatment plant at Medical College, Kozhikode has been approved in the Corporation council held on 11.10.2017 and will benefit to Medical College and its surrounding population of 1.5 lakhs with collection and improvement of service levels to 24.5%. The proposed rough cost of the 5 MLD Capacity decentralized, stand alone Sewerage Treatment Plant is approximately Rs. 14 Crore. The proposal was approved in principle by the 11th SLTC held on 12.10.2017 and directed that "the DPR to be prepared and presented before the 12th SLTC to be held on 26.10.2017".



The SHPSC may take note of the decisions of the 9th and 11th SLTC, the cancellation of Multi-level parking and utilize the amount for the new project 'Sewerage treatment plant at Medical College, Kozhikode'.

Decision

The SHPSC sanctioned the cancellation of Multi-level parking project and approved the inclusion of the new Project - Sewerage Treatment Plant at Kozhikode Medical College which is to be presented in the SLTC on 26.10.2017 and AS to be obtained in the SHPSC on 31.10.2017.

Action by	Time Limit	Monitoring by
Smt. Bhagavathy Iyer Team Leader, SMMU Sri. Sreekumar CMMU, Kozhikode	26.10.2017	Sri. P.S Mohammed Sagir, Mission Director, AMRUT

The meeting was concluded at 5.45 PM

Principal Secretary,
Local Self Government Department

[Signature]
20/10/2017

JOSE. IAS
Government
Principal
Local Self Government
Thiruvananthapuram 695 010

Mission Director, AMRUT

State Mission Director
AMRUT Kerala
State Mission Management Unit
Thiruvananthapuram - 695 010

Chief Secretary

(Chairman SHPSC AMRUT)

[Signature]
20.10.17
Dr. K.M. ABRAHAM
Chief Secretary

21 OCT 2017

Annexure I

11th State Level High Powered Steering Committee of AMRUT

Date : 13.10.2017

Venue : Committee room of the Chief Secretary

List of Attendees :

1. *Sri T K Jose IAS, Principal Secretary, LSG Department*
2. *Smt. Tinku Biswal IAS, Secretary, Water Resources Department*
3. *Dr. Sharmila Mary Joseph IAS, Secretary, Finance (Expenditure) & Planning*
4. *Sri. A. Shajahan, Secretary, Local Self Government Department*
5. *Sri. P S Mohammed Sagir IAS, Mission Director AMRUT*
6. *Dr. Mitra T., IAS, Executive Director, Suchitwa Mission*
7. *Smt. Haritha V Kumar IAS, Director, Urban Affairs Department*
8. *Smt. Mrunmai Joshi IAS, Secretary, Kozhikode Corporation*
9. *Smt. Suprabha S., Addl. Secretary, PWD*
10. *Sri. Shaji Joseph, Chief Town Planner (Planning)*
11. *Sri. S. Haris, Chief Engineer, Kerala Water Authority*
12. *Sri. Binu Francis, Programme Officer(UHM), Kudumbasree*
13. *Sri. Jeevaraj M.N., Chief Engineer, PWD(R&B)*
14. *Smt. S.Asha, Executive Engineer, LSGD.*



Projects accorded Administrative Sanction in 11th SHPSC (13.10.2017)

Table : 5.1		
Recommendation from the 9 th SLTC held on 12.07.2017 - 40 Projects		
STORM WATER DRAINAGE - 29 Projects		
PALAKKAD MUNICIPALITY - 29 Projects		
Sl.No	Project Name	Project Cost Rsin Cr
1.1	Kalvakkulam Thodudesilting and side wall (from stadium stand to Ramanandapuram)	1.54
1.5	Widening of Manappillikkavu Thirunellayi stream and construction of bridge	2.00
1.6	Rejuvenation of drains around Sakunthala junction and construction of tertiary drains	2.00
1.7	Rejuvenation of drains at housing board colony, Mattumantha, Shekaripuram junction and construction of tertiary drains.	3.00
1.8	Thirunellayi Manappullikkavu Thodu	2.00
1.9	Selvapalayam- Indira Nagar	0.30
1.10	Chadana Kurissi	0.30
1.11	Arayakulam	0.50
1.12	Parakkunnam Narikuthi	0.50
1.13	Sree Rama Palayam	0.40
1.14	Kallikkadu	0.40
1.15	Karim Nagar	0.70
1.16	New colony	0.50
1.17	Chakkamthara- Kaikuthuparambu	0.70
1.18	Karukoodi	0.50
1.19	Salamath Nagar	0.30
1.20	Poolakkad	0.20
1.21	Mission school	0.20
1.22	Kadambuzhathodu	0.30
1.23	Selvinagarthodu	0.50
1.24	Manakka Thodi secondary drain	0.50
1.25	Mattumantha - palayam - Chuliyodu	0.35
1.26	Sasthrinagar- PVR nagar- Anjali gardens	0.22

31 OCT 2017

1.27	Vadakkanthra road secondary drain	1.00
1.28	GB road to Noorjahan secondary drain	0.50
1.29	GB road to Noorjahan secondary drain	0.28
1.30	Maettupalayam street drain	0.70
1.31	Kunnathoormedu drain	0.50
1.29	Olavakkode- Near co operative	0.45
Green Space & Parks– 3 Projects		
ALAPPUZHA MUNICIPALITY – 1 Project		
30	Town Square in Alappuzha	0.70
KOLLAM MUNICIPAL CORPORATION – 2 Projects		
31	T.K Divakaran & Nehru Park - Improvement & Renovation of Existing Park	0.518
32	T.M Varghese Park and adjacent area - Improvement & Renovation of Existing Park	0.660
Urban Transport -1 project		
KOLLAM MUNICIPAL CORPORATION – 1 Project		
33	Stair case in Over bridge near municipal building chinnakada	0.2
WATER SUPPLY- 5 Projects		
KOLLAM MUNICIPAL CORPORATION – 2 Projects		
34	Rain Water Harvesting Phase I -2015-'16	2.667
4.2	Rain Water Harvesting Phase I -2016-'17	2.667
ALAPPUZHA MUNICIPALITY -1 Project		
4.3	Water Supply Sector- Augmentation & modernisation of water supply Distribution system in Alappuzha Municipality(phase II)	56.87
KOCHI MUNICIPAL CORPORATION – 2 Projects		
4.4	Laying of 500mm transmission line from karthikadavu to proposed pachalam CWR	10.70
4.5	Water Supply Sector-Kochi Corporation-Laying 500mm DI line from pump house at Thamanam to OHSR at kadavanthara.	7.65
SEWERAGE SECTOR– 2 Projects		
5.1	THIRUVANANTHAPURAM MUNICIPAL CORPORATION – 2 Projects	
5.2	Providing new net work in the missing Areas of the core city in Thiruvananthapuram	7.98
	Rehabilitation of existing net work in the missing area of core city	3.84
	Total	121.13

21 OCT 2017

Table 5.2

Recommendation from the 10th SLTC held on 26.09.2017 - 42 Projects**STORM WATER DRAINAGE - 30 projects****KOLLAM MUNICIPAL CORPORATION - 3 Projects**

SL. No	Project Name	Project Cost (Rs.in Cr.)
1.1	Uliyakovil - Ashtamudi Drain-Phase II	2.358
1.2.1	Uliyakovil Area Phase III	2.277
1.2.2	Kuttichira-Kilikolloor Area	1.071
1.2.3	Mangad-Arunoottimangalam-Karikkodu Area	2.505
1.2.4	Thangasserry Area	2.916
1.2.5	Sakthikulangara Area	5.315
1.3.1	Vadakkevila-Eravipuram Area	3.929
1.3.2	Pullikkada Colony	1.625
1.3.3	SMP Colony	0.808
1.3.4	Mundakkal Area	0.814
1.3.5	Kavanad Area (Right side of NH 47- Kollam to Ernakulam) in Kollam	1.250
PAJAKKAD MUNICIPALITY - 27 Projects		
2.1	Mattumantha Palayam - Chulliyodu	0.98
2.2	Manalai- Ramanadhapuram- Aanachira	1.02
2.3	Sekharipuram- Sankhuvaramedu	0.72
2.4	Murukani School - Thodu	0.13
2.5	Stadium bypass- Sreekrishna Temple- Vaaliparambu	0.47
2.6	Palayapetta- Stadium Bypass	0.31
2.7	Yakkara- Murikkav- AKG Nagar	0.31
2.8	Chirakkad- Gopal colony	0.26
2.9	Kalmandapam- Chittoor Road	1.41
2.1	Chirakkad- Aiswarya Nagar	0.51
2.11	Puthupallitheruv- Slaughter House- Mythri Nagar	0.5
2.12	Victoria College- Vidyut Nagar- Indrani Nagar Thodu	0.24
2.13	Sulthanpetta- Kalmandapam- NH Road drain deepening and rejuvenation	0.5

Annexure III – Minutes of 11th SHPSC

2.14	Mythri Nagar- Haritha Nagar- KSRTC Link Road	0.26
2.15	Around District Hospital storm water drain	0.5
2.16	Green Garden- Othungodu- Kallikkad	0.45
2.17	Mercy College- Thirunellayi drain	1.52
2.18	Vennakkara- Thirunellayi drain	1.32
2.19	Puthur Temple- Kallepully Junction	1.01
2.20	Municipal Bus stand to Vettalakulam	0.38
2.21	Housing Board Colony- Mathrubhumi	0.51
2.22	Tharekkad junction - Koppam	0.38
2.23	Chakkanthara- Kaikuthparambu- Venkiteswaragarden- Sreenivasa Garden	1.17
2.24	Head Post office to Ramanadhapuram via Koppam	0.98
2.25	Selvi Nagar - Ram Nagar	0.19
2.26	Melamuri- Kalambuzha- Karukoodi	0.77
2.27	Vadakkanthara- Valiyakulam- Pranamkulam- Indrani Nagar	0.49
GREEN SPACE & PARKS- 03 Projects		
ALAPPUZHA MUNICIPALITY- 03 Projects		
4.1	Chatanadu Park in Alapuzha	0.217
4.2	ValiyaChudukadu Park in Alappuzha	0.40
4.4	Development of General Hospital Park	0.076
URBAN TRANSPORT – 8 PROJECTS		
KOLLAM MUNICIPAL CORPORATION – 03 Projects		
4.1.1	FOB at Convent Junction	0.931
4.1.2	FOB at High School Junction	0.742
4.1.3	FOB at SN College Junction	0.703
FOOT PATH		
4.2.1	Memu Shed – A R Camp (QAC Road)	0.367
4.2.2	Railway station – Chemmamukku	0.966
4.2.3	Karbala Jn – S N College	0.836
4.2.4	S N College – A R Camp	0.148
4.3.1	Chinnakkada –to Beach road	0.815
4.3.2	Link road(from Talukkacheri Jn. to AshramamMaidan)	0.115
4.3.3	Chinnakada – Kadappakada	0.690

Annexure III – Minutes of 11th SHPSC

4.3.4	SBI Jn - Railway gate Cross (YMCA Road)	0.386
4.3.5	Chinnakada- Payikkada Road	0.684
PALAKKAD MUNICIPALITY- 05 Projects		
FOOT PATH		
5.1	Robinson road Pedestrian network	0.748
5.2	Mission School- Sakunthala Junction Pedestrian network	0.535
5.3	Olvakkode Junction -Railway station Road	0.392
PARKING FACILITY		
5.4	Pattikkarabyepass parking Facility	0.778
5.5	Parking Facility in front of Chinmaya mission	0.367
WATER SUPPLY- 1 Project		
THRISSUR MUNICIPAL CORPORATION – 1 Project		
6.1	Replacement of very old 80/100 /125/200/300mm AC pipes with 160PVC and 200/300/mm D pipes at various places in Thrissur corporation	12.95
	Total	66.02

Table 5.3

Recommendation from the 11th SLTC held on 12.10.2017 – 28 Projects

Sl.No	Project Name	Project Cost (Rs in Cr)
SEWERAGE SECTOR - 11 Projects		
TRIVANDRUM MUNICIPAL CORPORATION		
11 Projects		
1.	Laying transmission main and sewer networks in Block L (Edathara) – Collection and Conveyance System	25.00
2.	Supplying and erection of pumpsets , transformer and electrical accessories in the Block L Edathara Pumping Station	1.80
3.	Construction of Pumping station at Akkulam (Block	4.00



Annexure III – Minutes of 11th SHPSC

	K)	
4.	Supplying and laying 450 mm DI K9 pumping main for a length of 1800 m (Block K Akkulam) Pumping Station on Pulayanarkotta, stilling Chamber	2.28
5.	Supplying and laying Transmission main in Block K (Akkulam) to connect stilling chamber at bypass junction to pumping station at Akkulam Collection and Conveyance system	7.00
6.	Supplying and erection of pumpsets , transformer and electrical accessories in the Akkulam Pumping Station (Block K)	1.80
7.	Construction of Pumping station at Karimanal (Block J)	4.00
8.	Supplying and laying 350 mm DI K9 pumping main (Karimanal pump station to stilling chamber at bypass junction) (Block J)	1.30
9.	Laying Transmission main and sewer networks in Block J (Karimanal) Collection and Conveyance system.	15.02
10.	Providing Sewer trunk from Kazhakootam area to Pumping station of I Block through the bank of Thettiyyar Thodu – Collection and Conveyance system and pumping station, pumps and electrical installation, Pumping mains (Block I)	9.80
11.	Supplying and erection of pumpsets , transformer and electrical accessories in the Karimanal Pumping Station (Block J)	1.50

WATER SUPPLY SECTOR- 14 Projects

	KOCHI MUNICIPAL CORPORATION – 05 Projects	
12.	Construction Of 13 LL Capacity OHSR at Edakochi	6.00
13.	Construction Of 25 LL OHSR at Karuvelppady	11.65
14.	Construction Of 40 LL Capacity OHSR at Kaloor	15.00
15.	Laying 400 mm DI K9 pipeline from Perumanoor to Ravipuram for a length of 1270 m	4.40
16.	Replacement of 5000 damaged Service water connections	5.00
	ALAPPUZHA MUNICIPALITY – 01 Project	
17.	Augmentation and Modernization of water supply distribution system in Alappuzha Municipality (Phase-III)	58.13
	THRISSUR MUNICIPAL CORPORATION – 04 Projects	



Annexure III – Minutes of 11th SHPSC

18	Providing Dedicated Feeder from 33KV pattikkad Sub station to pumping water treatment plant	3.00
19	Construction of 10LL OHSR at Anappara with pumping system and pumping main from Cherur to anappara- Improvements of water supply system in Dn.6,7 and 8 of thrissur corporation Part 1	8.00
20	Supplying and laying distribution lines for Anappara- Villadam area improvement of water Supply System in Dn.6,7 and 8 of thrissur corporation – Part 2	5.80
21	Construction of 5LL OHSR at Kuttanallur with gravity main and distribution net work	8.00
KANNUR MUNICIPALITY- 02 Projects		
22	Enhancing Capacity of Treatment plant at chavassery paramba from 30MLD to 40MLD in Kannur taluk ,Kannur district.	7.8
23	Supplying and laying new distribution lines in pallikunnu and puzhathi area providing house - Connection and interconnection with existing Lines	3.77
KOZHIKODE CORPORATION – 02 Projects		
24	Strengthening of existing infrastructure facilities and quality improvement of CWSS in kozhikkode corporation	17.27
25	Rehabilitation of existing old pipes valves and inter connection with existing lines –phase 2 in Kozhikode corporation	14.63
STORM WATER DRAINAGE – 3 Projects		
KOZHIKODE MUNICIPAL CORPORATION		
26	Construction of drain at Gurukkal Road - PM kutty road -Chakkittida –EK canal	5.571
27.1	Construction of drain at Benz auto mobiles - Passport office - E K canal	5.769
27.2	Construction of drain at Manorama- Kattuvayal- sale tax office- EK canal Drain	5.071
27.3	Cleaning of B K Canal	2.967
28	Mavoor Road North Side Drain	2.502
28.1	Construction of storm water drain at Palayam Samuthiri cross road to E K Canal	3.886
28.2	Construction of storm water drain at North of Azhakodi Temple - EK canal	2.067
28.3	Construction of storm water drain at People Road-	0.902



Annexure III – Minutes of 11th SHPSC

	Karaparamba HSS-E K canal	
28.4	Construction of storm water drain at YMRC Road - Millathu colony	10.780
28.5	Construction of storm water drain at Nadanchery Ayyankar Road - Kallayi River	2.731
	Total	284.196



PERT CHART FOR VARIOUS ACTIVITIES

Annexure IV

No.	Activities to be done	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	JAN 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	JAN 19	FEB 19	MAR 19	APR 19	MAY 19	JUN 19	JUL 19	AUG 19	SEP 19	OCT 19	NOV 19	DEC 19	JAN 20	FEB 20	MAR 20	
1	Pending DPR Preparation																																			
2	AS																																			
3	TS																																			
4	Work Tendering Process																																			
5	Implementation																																			
6	Third Party Monitoring																																			

