

**Minutes of the 10<sup>th</sup> State Level Technical Committee (SLTC) of Atal Mission for Rejuvenation and Urban Transformation (AMRUT) held on 26<sup>th</sup> September 2017 at 10.30 AM in the Chamber of Principal Secretary, Local Self Government Department, Government of Kerala.**

*Members Present:*

1. Sri. P.S. Mohammed Sagir, IAS, Mission Director, AMRUT
2. Sri. Raveendran T., Technical Member, KWA
3. Smt. Vijaya Francis, Deputy Mayor, Kollam
4. Sri. C.V. Joy, Director (O), Suchitwa Mission
5. Sri. Shaji Joseph, Chief Town Planner (Planning)
6. Sri. Shaheem S., Senior Scientist, NATPAC
7. Sri. Nizarudhin, Secretary, Thrissur Corporation
8. Sri. Satheesan U.S., Secretary, Alappuzha Municipality
9. Smt. Resmi Raveendran, Under Secretary, Power Department
10. Smt. Anu R.S., Addl. Secretary, Kollam Corporation
11. Smt. M.L. Rosy, Standing Committee Chairperson, Thirssur
12. Sri. K.S. Sasi Kumar, Supdt. Engineer, Kollam Corporation
13. Sri. Ajithkumar G., Supdt. Engineer, Thirssur Corporation
14. Smt. S. Asha, Executive Engineer, O/o CE, LSGD
15. Sri. B.A. Benny, Asst. Exe. Engineer, Thrissur

The meeting of State Level Technical Committee commenced at 11.00 am in the Chamber of Principal Secretary, Local Self Government Department Chaired by the Principal Secretary, LSGD.

**Agenda Item No. 1. Approval of the Minutes of the 9<sup>th</sup> SLTC held on 12.07.2017**

**Decision**

The SLTC approved the Minutes of the 9<sup>th</sup> SLTC held on 12.07.2017.

**Agenda Item No. 2. Action taken report on the decisions of 9<sup>th</sup> meeting of SLTC**

**2.1 Administrative sanction for DPRs**

The 9<sup>th</sup> SLTC held on 12.07.2017 had reviewed 61 DPRs amounting to Rs 156.63Cr from five mission cities viz. Kollam, Alappuzha, Palakkad, Thiruvananthapuram and Kochi. Out of this, 40 projects amounting to Rs. 121.13 Cr are recommended to be placed in the

next State High Powered Steering Committee (11<sup>th</sup> SHPSC) for Administrative sanction.

#### **2.1.1 Action taken**

*Total 40 projects amounting to Rs.121.13 Cr have been recommended for AS to the 11<sup>th</sup> SHPSC.*

*There is an inordinate delay of more than three months to issue administrative sanction to 40 projects amounting to Rs.121.13 Cr. SLTC noted this delay and expressed its dissatisfaction in this delay and asked SMMU to explain the reasons for the delay.*

#### **2.2 Change of Project by Municipal Corporation of Kozhikode**

Multi level parking complex at Stadium Junction amounting to Rs.14.12 Cr proposed in SAAP 2016-17 under Urban Transport has been cancelled as ULB decided to develop it through PPP model (BOT). Subsequently, requested to transfer the project cost to Sewerage Sector to the project – Construction of sewerage system in Zone A. The 9<sup>th</sup> SLTC observed that new projects can be taken up in the priority sectors of AMRUT, and hence decided to recommend the request of Kozhikode corporation to SHPSC for approval

##### **2.2.1 Action taken**

*Will be placed in the next SHPSC. Delay of more than three months was observed by SLTC.*

#### **Decision**

*The committee took note of the action taken report of SLTC meeting*

#### **Agenda Item No. 3. Finalization of tripartite agreement with KWA for the implementation of water supply and sewerage projects.**

The State High Powered Steering Committee, in its 6<sup>th</sup> meeting held on 26<sup>th</sup> Aug 2016, had decided that a tripartite agreement between MD (KWA), Secretary of the Mission City and Mission Director(AMRUT) should be signed for the smooth implementation of water supply projects under AMRUT.

Following this, the draft agreement was prepared by Special Secretary LSGD as entrusted by SHPSC and vetted by Law department and KWA. Subsequently, Managing Director KWA

submitted the same to the Chief Secretary on 25/01/2017 and terms were mutually agreed by all three parties.

And now Managing Director, KWA has requested the Mission Director some changes in the following agreement clauses.

**Point no.12 of para 3 : Clause as per the draft agreement**

*Any cost overrun will be met by KWA from its budgetary release from government or its own source*

**Requested changes:**

*May be corrected as "completion of the project in time and approved cost. However any cost overrun due to reasons beyond the control of KWA shall be met by the ULB/SMMU AMRUT fund".*

**Point no.18 of Para 3: Clause as per the draft agreement**

*Interruptions in supply and Non Revenue Water(NRW) if any will be recorded on a daily basis and reported in the website corresponding basis. The project shall be designed and maintained in such a way to reduce NRW to the technical feasible threshold.*

**Requested changes:**

*May be "deleted as it is not practicable"*

**Para 14: Clause as per the draft agreement**

*The cost escalation and tender excess shall not be considered and the project should be completed within the time frame. The Municipality/corporation shall not be liable to the additional cost if any expended/incurred during the course of the project*

**Requested changes:**

*May be corrected as "the cost escalation and tender excess shall not be normally considered and the project should be completed within the time frame. However any cost over run due to reasons*



beyond the control of KWA shall be met by the ULB / SMMU-AMRUT project fund”.

**Decision:**

The Principal Secretary informed that the changes will be discussed with KWA in a separate meeting and will be resolved.

Action by	Time Limit	Monitoring by
Sri . Shajan. S Project Manager/Urban Planner, SMMU	Prior to next SLTC (12.10.2017)	Sri. P.S.Mohammed Sagir Mission Director, AMRUT

**Agenda Item No. 4. Approval of DPRs for recommendation to SHPSC**

The Mission Directorate has received 56 projects amounting to Rs.72.927 Cr from four mission cities viz. Kollam, Alappuzha, Palakkad and Thrissur.

SLTC reviewed the projects in detail and the comments are enclosed as *Annexure II*.

Sector	City	DPRs reviewed	Cost (In Cr)	DPRs approved	Cost (In Cr)
Storm water Drainage	Kollam	3	24.868	3	24.87
	Palakkad	27	17.290	27	17.29
Parks	Palakkad*	2	0.720	-	-
	Alappuzha	4	3.464	3	0.69
Urban Transport	Kollam	4	8.095	3	7.38
	Palakkad	5	2.820	5	2.82
Water Supply	Thrissur	1	12.950	1	12.95
<b>Total</b>		<b>46</b>	<b>70.207</b>	<b>42</b>	<b>66.02</b>
* For Palakkad Municipality, no.of projects reviewed under Parks Sector, is only 2 out of 12 submitted					

The committee decided to recommend 42 projects amounting to Rs. 66.02 Cr for the consideration of SHPSC (details in Annexure I). The Committee also decided to re-work the remaining 14 DPRs.

**Activity: Recommendation of approved projects to SHPSC**


Action by	Time Limit	Monitoring by
Sri . Shajan.S Project Manager/Urban Planner, SMMU	On or before next SHPSC	Sri. P.S.Mohammed Sagir Mission Director, AMRUT

The Chairman, SLTC has also suggested the following dates for next two SLTC meetings.

11 <sup>th</sup> SLTC	12 <sup>th</sup> October 2017
12 <sup>th</sup> SLTC	26 <sup>th</sup> October 2017

The meeting was concluded at 3.30 PM

  
Mission Director, AMRUT

  
Principal Secretary (LSGD)

ANNEXURE - I		
PROJECTS RECOMMENDED TO SHPSC - 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
PALAKKAD MUNICIPALITY - 27 Projects		
2.1	MattumanthaPalayam - Chuliyodu	0.98
2.2	Manalai- Ramianadhapuram- 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
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- Venkiteshwaragarden- 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
<b>URBAN TRANSPORT - 8 PROJECTS</b>		
<b>KOLLAM MUNICIPAL CORPORATION - 03 Projects</b>		
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
	<b>FOOT PATH</b>	
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
4.3.4	SBI Jn - Railway gate Cross (YMCA Road)	0.386
4.3.5	Chinnakada- Payikkada Road	0.684
<b>PALAKKAD MUNICIPALITY- 05 Projects</b>		
<b>FOOT PATH</b>		
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
<b>PARKING FACILITY</b>		
5.4	Pattikkarabyepass parking Facility	0.778
5.5	Parking Facility infront of Chinmaya mission	0.367
<b>WATER SUPPLY - 1 Project</b>		
<b>THRISSUR MUNICIPAL CORPORATION - 1 Project</b>		



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

## ANNEXURE II (Projects Considered for Administrative Sanction) -Comments

1	STORM WATER DRAINAGE	
KOLLAM MUNICIPAL CORPORATION – (3 Projects)		
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)	1.250
	<b>Remarks:</b> The ULB/CMMU Team presented their storm water sector projects in detail with integrated Drainage network map of the municipality ensuring ,connectivity in full length , tail ends discharge location, carrying capacity of the primary and secondary drainsetc with maps, cross section details etc. The committee advised to provide Silt traps for the Drainage projects. <i>All the 3 DPRs of Kollam municipal corporation under Storm water sector recommended for the consideration of SHPSC</i>	
PALAKKAD MUNICIPALITY – (27 Projects)		
2.1	MattumanthaPalayam - 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
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 Vettilakulam	0.38
2.21	Housing Board Colony- Mathrubhumi	0.51
2.22	Tharekkad junction - Koppam	0.38
2.23	Chakkanthara- Kaikuthparambu- Venkiteshwaragarden- Sreenivasa	1.17



	Garden	
2.24	Head Post office to Ramanadhapuram via Koppam	0.98
2.25	Selvi Nagar - Ram Nagar	0.19
2.26	Melamuri- Kalambezha- Karukoodi	0.77
2.27	Vadakkanthara- Valiyakulam- Pranamkulam- Indrani Nagar	0.49
	<p><b>Remarks:</b> Should be implemented by considering the connectivity and the Storm water Drainage networks location beside the City roads. Width of drains should be according to the standards. Silt prevention strategies, Liquid/Solidwaste disposal strategies to be strictly followed.</p> <p><i>All the 27 DPRs of Palakkad municipality under Storm water sector recommended for the consideration of SHPSC</i></p>	
	<b>GREEN SPACE &amp; PARKS</b>	
	<b>PALAKKAD MUNICIPALITY– (2 Projects)</b>	
3.4	<b><u>T.R. KrishnaswamyIyer park</u></b>	0.25
	<p><b>Remarks:</b> Should be redesigned to make it more environments friendly. Due to the limited area of the park layout, the park's design should be in such a way that, over crowding of public can be avoided by removing the concept of Archives, Circular seating and open stage. Design preference can be given to Landscape inside the park with more shade providing trees of Kerala origin. Number of toilets inside this park should be increased from 2 to 4 units, so that maximum people can be benefited to this importance location of the park inside the City. Park seating should also be eco-friendly, use of park benches of steel, cast iron or stone should be encouraged instead of concrete seating arrangements.</p>	
3.5	<b><u>Dr Krishnan park</u></b>	0.47
	<p><b>Remarks:</b> The overall concept should be reworked by giving importance to public gathering considering the location of the park. Walkways inside the park should be reworked to get more length of walkways inside the park. Connecting walkways of park with the outsidepedestrian path should be avoided. Park seating should also be eco-friendly, use of park benches of steel, cast iron or stone should be encouraged instead of concrete seating arrangements. Landscape inside the park should be with more shade providing trees of Kerala origin. Drainage pattern of the park should be reworked so that water logging should not occur at any time and ULB should take necessary steps to avoid the rain water entering the park from the adjacent roads.</p> <p><i>Based on the above comments the 2 Park Projects (Sl.no: 3.4 &amp; Sl.no 3.5) of Palakkad municipality to be reworked and presented on the next SLTC. The projects Sl Nos. 3.1 to 3.3 &amp; 3.6 to 3.12 are not presented in the meeting.</i></p>	
	<b>ALAPPUZHA MUNICIPALITY– (04 Projects)</b>	
4.1	<b>Chatanadu Park in Alappuzha</b>	0.217
4.2	<b>ValiayaChudukadu Park</b>	0.40
4.3	<b>Development of Town Square -Phase 2</b>	2.771

4.4	<b>Development of General Hospital Park.</b>	0.076
	Alappuzha ULB has presented 04 projects under Green Space& Parks Sector (Sl. No. 4.1 to 4.4)	
	<b>Remarks:</b> Parks seating should be eco-friendly, park benches of steel, cast iron or stone should be encouraged instead of concrete seating arrangements. Landscape inside the park should be with more shade providing trees of Kerala origin. Number of toilets inside this park should be a minimum of 4 units	
	<i>3 Parks projects presented by Alappuzha Municipality (sl.no 4.1, sl.no.4.2 &amp; sl.no 4.4) are recommended for the consideration of SHPSC.</i>	
	<i>Development of Town Square -Phase 2(Sl.no.4.3) - fund to be acquired out from other source or Tourism Department etc.</i>	
<b>URBAN TRANSPORT</b>		
<b>KOLLAM MUNICIPAL CORPORATION(4 Projects)</b>		
4.1.1	FOB at Convent Junction	0.931
4.1.2	FOB at Hospital Junction	0.742
4.1.3	FOB at SN College Junction	0.703
<b>FOOT PATH</b>		
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
4.3.4	SBI Jn – Railway gate Cross (YMCA Road)	0.386
4.3.5	Chinnakada- Payikkada Road	0.684
4.4.1	Bus Shelter at 22 locations	0.712
	<b>Remarks:</b> For <i>Bus shelter Project(Sl.no:4.4.1)</i> the fund should be obtained from ULBs own fund or other source. <i>Remaining 3 DPRs of Kollam municipal corporation under Urban Transport sector are recommended for the consideration of SHPSC.</i>	
<b>PALAKKAD MUNICIPALITY- 05 Projects</b>		
<b>FOOT PATH</b>		
5.1	Robinson road Pedestrian network	0.748
5.2	Mission School- Sakunthala Junction Pedestrian network	0.535
5.3	Olavakkode Junction –Railway station Road	0.392
<b>PARKING FACILITY</b>		
5.4	Pattikkarabyepass parking Facility	0.778
5.5	Parking Facility in front of ChinmayaMission	0.367
	<b>Remarks:</b> Foot paths should be continuous free from frequent up and downs. Provision of kerb ramps should be provided for continuity and considering the disabled and old age.	



	<i>All the DPRs of Palakkad municipal corporation under Urban Transport sector are recommended for the consideration of SHPSC</i>	
	<b>WATER SUPPLY</b>	
	<b>THRISSUR MUNICIPAL CORPORATION – 1 Project</b>	
<b>6.1</b>	Replacement of very old 80/100/125/200/300mm AC pipes with 160PVC and 200/300/mm DIpipes at various places in Thrissur corporation	12.95
<i>DPRs recommended for the consideration of SHPSC with a condition that the project should be completed before August 15, 2018.</i>		