

**Minutes of the 20<sup>th</sup> State Level High Powered Steering Committee (SHPSC) of Atal Mission for Rejuvenation and Urban Transformation (AMRUT) held on 11<sup>th</sup> December 2018 at 11.00 am in the Committee Room of the Chief Secretary, Government of Kerala.**

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The meeting of the 20<sup>th</sup> State Level High Powered Steering Committee (SHPSC) of AMRUT chaired by Shri. Tom Jose IAS, Chief Secretary, Government of Kerala, commenced at 11. am. (*List of Participants enclosed as Annexure I*)

Smt. R. Girija IAS, Mission Director of AMRUT, presented the points in the agenda notes.

**Agenda Item No. 1. Approval of the minutes of the 19<sup>th</sup> meeting of SHPSC**

**Decision:** *The Committee approved the minutes of 19<sup>th</sup> meeting of SHPSC held on 1<sup>st</sup> October 2018.*

**Agenda Item No. 2. Action taken report on the decisions of the 19<sup>th</sup> SHPSC.**





Agenda Item	Agenda												Decision Taken	Action Taken	
3. Progress of activities since 19 <sup>th</sup> SHPSC	Progress as on 30.09.2018:												SHPSC observed that the implementation of AMRUT projects is in right track but need to be accelerated and directed the implementing agencies to complete all the works within the stipulated time schedule. 1. KWA to prepare and present a detailed work schedule including Flow Charts, PERT, CPM (Critical Path Method) charts etc. for all the work awarded including Sewerage and Septage Sector being executed by KWA in the next SHPSC. 2. AMRUT website to include photos of completed projects city-wise and sector-wise with clear specification of site and date of completion of each work.	1. Mission Director held meeting with KWA on 30.10.2018 and requested to complete the awarding of works before 30.11.2018. KWA to present the detailed schedule of pending activities, before the SHPSC. 2. Photos of completed projects with details updated in the AMRUT website.	
	TOTAL PROJECTS		DPR PREPARED		AS ACCORDED		TS ACCORDED		TENDERED		WORK AWARDED				
	NUM	Project Cost (In Cr)	NUM	DP R Cost (In Cr)	NUM	Amount (In Cr.)	NUM	Amount (In Cr.)	NUM	Amount (In Cr)	NUM	Amount (In Cr)			
	SAAP I	100	581.79	100	580.22	99	575.72	81	396.70	80	395.54	65			261.51
	SAAP II	117	797.63	116	752.74	114	750.70	95	482.53	91	481.05	39			148.64
	SAAP III	172	976.72	168	908.28	158	871.39	136	559.08	133	499.31	57	151.31		
	TOTAL	389	2356.12	384	2241.33	371	2197.82	312	1438.31	304	1375.50	161	561.46		
4. Administrative sanction of DPRs	In the 19 <sup>th</sup> SLTC held on 14.08.2018, DPRs of 1 Project & 5 Sub Projects amounting to Rs.6.61 Cr. were reviewed and recommended to be placed before the SHPSC to accord Administrative Sanction (AS).												1. The SHPSC discussed the projects in detail and decided to accord administrative sanction to 1 project and 5 sub projects amounting to Rs. 6.61 Cr	1. Administrative sanction accorded for 1 project and 5 sub projects amounting to Rs. 6.61 Cr. vide G.O. (Rt) No. 2763/2018/LSGD dt. 29.10.2018.	
5. KWA AMRUT Projects- Major issues to be sorted out	KWA raised issues related to road cutting, road restoration, Defect Liability Period applicable to KWA, impact of PWD rate revision, pipe laying works along NH/NHAI roads and the Major inter departmental sanctions are pending, ie, from BSF, Forest, NHAI, Irrigation etc												SHPSC reviewed the issues and directed as below. 1. In case of projects already tendered by KWA (this was also recommended in the 18 <sup>th</sup> State Level Technical Committee meeting held on 21.05.2018), the	The issue of road cutting permissions related to PWD roads was brought to the notice of Hon'ble Minister (LSGD) and discussed in the Subject Committee Meeting on AMRUT held on 24.10.2018. It was decided to conduct a joint meeting of	



<div>6.AMRUT reforms 2016-17 -Strategy for the utilization of reform incentive and distribution of fund to mission cities.</div>	<div><p>In the 10<sup>th</sup> SHPSC, it was decided that the criteria to distribute the incentive of Rs. 16.68 Cr. for the reform milestone of 2016-17 shall be based on "60% weightage for reform performance and 40% weightage for performance of projects." during 2016-17.</p><p>Based on the above, SMMU prepared the breakdown of reform incentive for 2016-17 based on the weightage in project performance and reform performance and the summary is given below</p><p>18<sup>th</sup> SLTC reviewed the requirements and submitted its recommendation as per the total volume of projects in ULB, as below:</p><table><tr><th>Sl No</th><th>AMRUT city</th><th>Project Performance (40%)</th><th>Reform Performance (60%)</th><th>Total</th></tr><tr><td>1</td><td>Thiruvananthapuram</td><td>1.19</td><td>0.93</td><td>2.12</td></tr><tr><td>2</td><td>Kollam</td><td>0.77</td><td>1.10</td><td>1.86</td></tr><tr><td>3</td><td>Alappuzha</td><td>0.24</td><td>0.70</td><td>0.94</td></tr><tr><td>4</td><td>Kochi</td><td>0.97</td><td>0.82</td><td>1.79</td></tr><tr><td>5</td><td>Thrissur</td><td>1.05</td><td>0.82</td><td>1.87</td></tr></table></div>	Sl No	AMRUT city	Project Performance (40%)	Reform Performance (60%)	Total	1	Thiruvananthapuram	1.19	0.93	2.12	2	Kollam	0.77	1.10	1.86	3	Alappuzha	0.24	0.70	0.94	4	Kochi	0.97	0.82	1.79	5	Thrissur	1.05	0.82	1.87	<div><p>restoration shall be done by the agency concerned based on the current schedule of rates and the additional amount required for road restoration can be met from own fund, plan fund, maintenance grant (road) of the ULBs, tender savings and savings from the non-priority sector projects - AMRUT.</p><p>In road works where DLP (Defect Liability Period) exist, KWA shall bear the charges proportionate to the length of road cut for KWA works only and DLP will be transferred to KWA, only for the portion of the road cut for KWA works.</p></div>	<div><p>Engineers from KWA, PWD&amp; NH in the presence of ACS (LSGD), Secretary (WRD)&amp; PS (PWD).</p><p>Also, D.O letter dated 21.11.2018 has been issued by the Mission Director to the Principal Secretary (PWD) requesting resolution of the delay issues related to road cutting.</p></div>
Sl No	AMRUT city	Project Performance (40%)	Reform Performance (60%)	Total																													
1	Thiruvananthapuram	1.19	0.93	2.12																													
2	Kollam	0.77	1.10	1.86																													
3	Alappuzha	0.24	0.70	0.94																													
4	Kochi	0.97	0.82	1.79																													
5	Thrissur	1.05	0.82	1.87																													
	<div><p>SHPSC reviewed the reform incentive distribution criteria and approved the fund distribution to Mission Cities and SMMU for the year 2016-17</p></div>	<div><p>Government has issued orders to distribute the reform incentive funds vide GO (Rt) No. 2852/2018/LSGD dt. 07.11.2018 and the fund will be disbursed to Mission Cities, as and when clearance obtained from Finance Department.</p></div>																															



	<table><tr><td>6</td><td>Guruvayur</td><td>0.11</td><td>0.70</td><td>0.82</td></tr><tr><td>7</td><td>Palakkad</td><td>0.75</td><td>0.85</td><td>1.59</td></tr><tr><td>8</td><td>Kozhikode</td><td>0.15</td><td>1.33</td><td>1.47</td></tr><tr><td>9</td><td>Kannur</td><td>0.26</td><td>0.95</td><td>1.21</td></tr><tr><td>10</td><td>SMMU</td><td></td><td></td><td>3.00</td></tr><tr><td></td><td><b>TOTAL</b></td><td><b>5.47</b></td><td><b>8.21</b></td><td><b>16.68</b></td></tr></table>					6	Guruvayur	0.11	0.70	0.82	7	Palakkad	0.75	0.85	1.59	8	Kozhikode	0.15	1.33	1.47	9	Kannur	0.26	0.95	1.21	10	SMMU			3.00		<b>TOTAL</b>	<b>5.47</b>	<b>8.21</b>	<b>16.68</b>	
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7: Direct fund transfer to KWA – reconsideration	<p>SMMU proposed the above distribution to the Mission Cities after retaining Rs. 3 Cr. with the State Mission Management Unit. SLTC decided that the topic shall be presented before the next SHPSC.</p> <p>SHPSC held on 22.05.2018 directed SMMU to adopt PFMS system (Public Financial Management System) for direct transfer of fund to the implementing agencies from the separate bank account (with nationalized bank) of SMMU in order to avoid delays owing to Treasury restriction. SHPSC also approved direct fund transfer of State share to KWA for execution of their projects which was objected by certain mission cities expressed their unwillingness for direct fund transfer as it was against the terms specified in the Tripartite agreement signed between the Mission Director, KWA and ULB for execution of AMRUT. Moreover 20% project share is contributed by ULBs for water supply projects being implemented by KWA</p>					<p>SHPSC deliberated on the above issues and decided that funds will be disbursed to KWA through ULBs. Since AMRUT being a centrally sponsored scheme and considering the need to complete the project in time, SHPSC directed the Secretaries of all the Mission Cities to disburse the amount with the consent of Chairperson within one week from the date of receipt of request from KWA and place it before the subsequent council for information. The committee entrusted the Mission Director to monitor the strict compliance</p> <p>SHPSC agreed upon the need to shift the present office of SMMU and approved the request to change the office to new premises identified at Thycad with a rent @ Rs.30/sq.ft.</p> <p>SHPSC ratified the action taken by the Mission Director</p>	<p>Decision is communicated to all mission cities and KWA/ vide Lr No. AK3/ AMRUT/ 2014/2015 dated 11.10.2018</p>																													
8. Shifting the office premises of State Mission Management Unit	<p>The office of the State Mission Management Unit of AMRUT, Kerala is presently functioning in a rented building, 'Vipanchika Annexe' at Althara Nagar, Vellayambalam. Following the merger of KSUDP with SMMU as per the G.O. (Rt) No. 900/2017/LSGD dated 27.03.2017, the entire project records, documents of KSUDP, JnNURM, UIDSSMT, Theerapadam and furniture and assets etc. also had been shifted to the present office of SMMU. Due to the enormous volumes of files and assets, the present office has become congested and is facing extreme difficulty in keeping the records safely and systematically.</p> <p>Hence, the present office of SMMU needs to be shifted to a more spacious and</p>					<p>Rental Agreement signed with the Owner w.e.f 01.11.2018 and the Premises has been handed over to District Nirmithi Kendra for interior works and the work is progressing. Rent for 6 months Rs.5,04,000/- paid in advance to the Owner @Rs.30/- per Sqft (2800</p>																														

	<p>convenient location. Following this, with the consent of the Additional Chief Secretary, LSGD, a suitable office space at nominal rent has been identified in TC. No. 25/801(ii), ARTECH Meenakshi Plaza, 4<sup>th</sup> floor, Thycad, under the ownership of Shri.Sameer Bin Kamal. The Mission Director has given consent to the owner on 21.08.2018 to occupy the premises on rental basis @Rs. 30/- Sq. ft. + Monthly maintenance charge for an approximate plinth area of 2800 sq.ft., amounting to Rs. 93,000/- per month subject to the ratification from SHPSC.</p> <p>The District Nirmithi Kendra, Thiruvananthapuram was invited (vide G.O. 118/2018/Fin dated 03.08.2018) to submit a proposal for the interior furnishing works required for the smooth functioning of the new office setup. An estimate of Rs. 26.8 lakh has been received from Nirmithi Kendra, which was scrutinized and limited to Rs. 25.2 lakh. Administrative Sanction (AS) has also been accorded to the District Nirmithi Kendra, Thiruvananthapuram in anticipation of final approval from SHPSC.</p>	<p>for entrusting the interior work of the newly identified building to the District Nirmithi Kendra by observing the G.O.118/2018/Fin dated 03.08.2018 at a total cost of Rs.25.20 lakh</p>	<p>sq.ft). 60% of the estimated cost for interior works has been disbursed to District Nirmithi Kendra. SMMU staff is expected to occupy the new premises by Mid of December 2018 and transfer of files/assets will be completed by the end of December 2018. Therefore, sanction may be accorded for the payment of rent at old and new premises during the transition months of Nov &amp; Dec 2018.</p> <p><b>Decision:</b></p> <p><b>Sanction accorded subject to the conditions that the office should be shifted to the new premises before 31<sup>st</sup> December 2018.</b></p>
<p><b>9.Providing transportation facility for the City Mission Management Unit (CMMU) team</b></p>	<p>More than 1000 projects have to be implemented across 9 mission cities at various locations within March 2020. For monitoring the progress and quality of work at site, the city teams (5 to 8 members in each city) have to physically visit each of the project sites on daily basis. Geo Tagging of Project Site to depict work progress, capturing photos of the project site at different stages, Data Collection related to reform implementation, etc. requires regular movement of the AMRUT team across the project sites. At present, the teams do not have any conveyance facility. In order to facilitate the implementation of the project, transportation facilities are highly essential for City Mission team. It is proposed to provide a vehicle on contract basis in the Mission Cities for the smooth and speedy implementation of AMRUT projects, based on the conditions stipulated in the G.O. No. 66/2018/Fin dated 17.04.2018.</p>	<p>SHPSC accorded sanction for providing transportation facility for the staff of CMMU as per the G.O. No. 66/2018/Fin. Dated 17.04.2018 for hiring of vehicles</p>	<p>Quotations are invited by all Mission cities for engaging vehicle on monthly contract basis. All Cities except Kozhikode, Palakkad and Alappuzha have completed the process, and these cities will complete within 2 weeks.</p>

**Decision:** The Committee took note on the action taken items and approved the same.



### Agenda Item No.3: PROGRESS OF ACTIVITIES SINCE 19<sup>TH</sup> SHPSC.

#### SAAP – Wise Mission Progress (as on 30.11.2018)

SAAP YEAR	Number of main projects	Project Cost (Amt in Cr)	Total projects (Incl Sub projs)	AS Accorded (No)	AS accorded (Amount in Cr.)	TS Issued (No)	TS Issued (Amount in Cr.)	Tendered (no)	Tendered (Amount in Cr.)	Work awarded (No)	Work awarded (Amount in Cr.)	Work Completed (No)	Work Completed (Amt in Cr)	Expenditure (Amt in Cr)	% of Expenditure (based on AS amt.)
SAAP I	101	582.84	245	245	577.17	241	495.65	225	449.71	196	347.91	44	18.74	71.44	12.38
SAAP II	118	797.21	322	320	760.90	314	652.69	306	592.55	255	413.47	23	4.93	36.25	4.76
SAAP III	169	977.61	457	454	894.79	440	720.84	432	692.27	299	496.44	16	5.05	35.69	3.99
GRAND TOTAL	388	2357.66	1024	1019	2232.86	995	1869.18	963	1734.53	750	1257.82	83	28.72	143.37	6.42

#### SECTOR-WISE PROGRESS (as on 30.11.2018)

Sector	Number of main projects	Project Cost (of Col C)	Total projects (Incl. Sub project)	AS Accorded (No)	AS accorded (Amount in Cr.)	TS Issued (No)	TS Issued (Amount in Cr.)	Tendered (no)	Tendered (Amount in Cr.)	Work awarded (No)	Work awarded (Amount in Cr.)	Work Completed (No)	Work Completed (Amt in Cr)	Expenditure (Amt in Cr)	% of Expenditure (based on AS amt)
Water Supply	95	1081.09	174	174	1069.50	164	1020.89	159	1010.66	126	782.72	8	6.839	113.44	10.61
Sewerage	49	629.87	138	133	530.13	127	277.89	109	174.34	46	54.73	15	2.46	9.66	1.82
Storm Water Drainage	113	382.28	505	505	378.94	504	347.16	504	347.16	427	307.72	53	17.46	15.04	3.97
Urban Transport	59	214.50	129	129	207.63	123	178.91	117	165.40	84	80.11	2	0.391	3.58	1.72
Parks	72	49.92	78	78	46.66	77	44.33	74	36.97	67	32.55	5	1.57	1.65	3.54
Grand Total	388	2357.66	1024	1019	2232.86	995	1869.18	963	1734.53	750	1257.82	83	28.72	143.37	6.42



## ULB wise progress as on 30.11.2018

	Num ber of main proj ects	Project Cost (of Col C)	Total proj ects (Inclu ding Sub proj ects)	AS accor ded (No.)	AS Accord ed (Incl. Sub projects )	AS accorde d (Amoun t in Cr.)	TS Issu ed (No.)	TS Issued (Amou nt in Cr.)	Ten der ed (no.)	Tender ed (Amou nt in Cr.)	Wor k awa rded (No)	Work award ed (Amou nt in Cr.)	Work Started (No)	Work Started (Amt in Cr)	Wo rk Co mpl eted (No.)	Work Compl eted (Amou nt in Cr)	Expendi ture (Amoun t in Cr)	% of Expen diture (based on AS)
Guruvayur	20	203.10	34	20	34	203.91	29	191.88	27	183.38	24	145.99	22	92.51	0	0.00	22.87	11.22
Trivandrum	51	357.50	271	51	271	355.15	270	324.29	262	305.72	189	188.11	99	152.21	37	7.56	33.17	9.34
Kochi	56	328.78	98	55	97	268.47	96	247.61	94	203.05	83	151.37	42	66.95	6	2.58	24.14	8.99
Thrissur	39	269.93	121	39	121	266.62	116	186.70	114	180.08	95	118.31	36	47.04	21	10.46	15.03	5.64
Kannur	26	225.72	37	26	37	225.65	34	175.06	30	160.98	28	146.89	22	121.87	0	0.00	12.41	5.50
Alappuzha	23	222.68	195	29	194	212.89	193	205.90	188	202.25	103	166.40	49	147.52	9	2.19	10.17	4.78
Palakkad	115	221.74	151	115	151	218.15	146	186.00	142	177.34	140	165.18	50	40.38	2	0.61	9.30	4.26
Kozhikode	25	274.76	49	25	49	274.83	48	167.46	47	148.05	38	112.59	31	77.74	0	0.00	10.97	3.99
Kollam	33	253.45	68	30	65	207.19	63	184.28	59	173.69	50	62.97	29	34.80	8	5.32	5.32	2.57
KERALA	388	2357.66	1024	390	1019	2232.86	995	1869.18	963	1734.53	750	1257.82	380	781.01	83	28.72	143.37	6.42

**PENDING ACTIVITIES (as on 30.11.2018)**

- PREPARATION OF DPR:1019/1024**

5 Projects in the Sewerage/ Septage Management sector is pending in Kollam (3), Alappuzha (1) and Kochi (1).

- ADMINISTRATIVE SANCTION :1019/1024**

Administrative Sanction of 5 projects are pending in the cities – Kollam (3), Alappuzha (1), Kochi (1) under Sewerage/Septage sector.

- TECHNICAL SANCTION :995 /1024**

Technical sanctions of 29 projects are pending (including 5 projects with pending DPR and AS).



**TS Pending (as on 30.11.2018):**

City	Water Supply	Sewerage and Septage	Storm Water Drainage	Urban Transport	Parks	Total
Trivandrum	0	1	0	0	0	1
Kollam	2	3*	0	0	0	5
Alappuzha	0	1*	1	0	0	2
Kochi	1	1*	0	0	0	2
Thrissur	2	2	0	1	0	5
Guruvayur	5	0	0	0	0	5
Palakkad	0	1	0	4	0	5
Kozhikode	0	1	0	0	0	1
Kannur	0	1	0	1	1	3
<b>Total</b>	<b>10</b>	<b>11</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>29</b>

\* 5 DPRs to be prepared in Sewerage and Septage Sector.

**AMRUT- Pending projects for Technical sanction-20 nos. (07.12.2018)**

Sl No	SECTOR	Name of Project	Amount (Cr.)	Date of AS	TS issuing authority	Reasons for Pendency
<b>TRIVANDRUM- 01</b>						
1	SEWERAGE	Sludge Drying Unit	5	01.01.2018	KWA	Due to the highly technical nature of the work, the design of the project is given to Special consultant and final estimate is under progress
<b>KOLLAM -02</b>						
2	WATER SUPPLY	Augmentation of water supply system in Kollam Corporation, Phase II Continuation - Construction of weir at Njankadavu across Kallada river.	1.4	28.09.2017	KWA	TS is to be issued by WRD .Scrutiny of project for Technical Sanction by irrigation department is under progress.
3	WATER SUPPLY	Construction of 12m transformer room, approach road & retaining wall at Njankadavu	1.04	28.09.2017	KWA	Land acquisition is in progress
<b>ALAPPUZHA-01</b>						
4	STORM WATER DRAINAGE	Various Drains in District Court ward	0.28	01.01.2018	EE- Alappuzha Municipality	The council decided to withhold the project.
Sl	SECTOR	Name of Project	Amount	Date of	TS	Reasons for





No			(Cr.)	AS	issuing authority	Pendency
	KOCHI- 01					
5	WATERSUPPLY	Construction of OHT of 40LL at Kaloor	15	02.11.2017	KWA	Awaiting permission of land from KINFRA as informed by KWA
	THRISSUR- 04					
6	WATER SUPPLY	Design, construction and commissioning of 3 MLD WTP, reservoir and pumping main for Ollukkara zone	6	22.02.2018	KWA	Land is not available for the plant and KWA informed that the project is not feasible
7	WATER SUPPLY	Water Efficient Thrissur (WET)	4.36	01.01.2018	IKM	TS is to be issued by IKM & scrutiny of the final estimates is under progress.
8	SEWERAGE	Decentralized Sewerage Scheme for Thrissur Corporation- Phase1	53.4	01.01.2018	TEC for Sewerage & Septage	DPR will be ready by 20.12.2018. Land issues sorted out on 01.11.2018
9	SEWERAGE	Decentralized Sewerage Scheme for Thrissur Corporation- Phase2			TEC for Sewerage & Septage	
	GURUVAYUR-05					
10	WATER SUPPLY	Asarithara Pond	0.22	01.01.2018	EE-LSGD, Thrissur	Waiting for NOC of land from Revenue Department.
11	WATER SUPPLY	Cherothkulam No.01	0.43	01.01.2018	EE-LSGD, Thrissur	
12	WATER SUPPLY	Tharakan Lazar kulam	0.54	01.01.2018	SE-LSGD, Kozhikode	
13	WATER SUPPLY	Thacharuparambil Kulam	0.32	01.01.2018	EE-LSGD, Thrissur	
14	WATER SUPPLY	Saraswathy Vilasam	0.47	01.01.2018	EE-LSGD, Thrissur	
	PALAKKAD-03					
15	SEWERAGE	Septage treatment plants Decentralized sewerage treatment plants Sewer lines Pump houses Septic tank suction units	26.05	01.01.2018	TEC for Sewerage & Septage	DPR submitted by the Consultant on 06.12.2018. Land will be fully handed over to the municipality by the end of Dec 2018.



Sl No	SECTOR	Name of Project	Amount (Cr.)	Date of AS	TS issuing authority	Reasons for Pendency
16	URBAN TRANSPORT	Bus stand yard	3.18	27.09.2017	CE LSGD	Waiting for soil test report
17	URBAN TRANSPORT	Providing footpath and 100 ft road	7.8	27.09.2017	CE LSGD	Issuance of TS under process at LSGD-CE Office
<b>KOZHIKODE-01</b>						
18	SEWERAGE	Sewerage system in Zone A	106.69	22.02.2018	TEC for Sewerage & Septage	DPR will be ready by 20.12.2018. Land is already available with Corporation.
<b>KANNUR-02</b>						
19	SEWERAGE	Providing decentralized sewerage network with STP in old Kannur Municipal area	46.81	01.01.2018	TEC for Sewerage & Septage	DPR will be ready by 20.12.2018. Land issues sorted out on 04.10.2018
20	OPEN SPACE & PARKS	Development of new Payyambalam Park	0.705	23.12.2017	SE-Kannur Corporation	The project will be submitted for revision of AS in the next SHPSC.

• **AWARDING OF WORK :750/1024**

At present, 274 projects are pending for awarding work for an amount of Rs.1099.85 Cr

**Work Awarding Pendency - City Wise (as on 30.11.2018):**

CITY	TOTAL PROJECTS		Balance AS		Balance TS		Balance AWARDING	
	Num	Amount in Cr	Num	Amount in Cr	Num	Amount in Cr	Num	Amount in Cr
Trivandrum	271	357.5	0	2.35	1	33.21	82	169.39
Thrissur	121	269.93	0	3.31	5	83.23	26	151.62
Palakkad	151	221.74	0	3.59	5	35.74	11	56.56
Kozhikode	49	274.76	0	-0.07	1	107.31	11	162.17
Kannur	37	225.72	0	0.07	3	50.67	9	78.83
Kollam	68	253.45	3	46.26	5	69.17	18	190.48
Kochi	98	328.78	1	60.31	2	81.17	15	177.41
Guruvayur	34	203.10	0	-0.81	5	11.22	10	57.11
Alappuzha	195	222.68	1	9.79	2	16.78	92	56.23
<b>KERALA</b>	<b>1024</b>	<b>2357.67</b>	<b>5</b>	<b>124.80</b>	<b>29</b>	<b>488.49</b>	<b>274</b>	<b>1099.85</b>



**Work Awarding Pendency - Sector Wise (as on 30.11.2018):**

SECTOR	TOTAL PROJECTS		Balance AS		Balance TS		Balance AWARDING	
	Num	Amount in Cr	Num	Amount in Cr	Num	Amount in Cr	Num	Amount in Cr
Water Supply	174	1081.09	0	11.59	10	60.2	48	298.37
Sewerage	131	602.38	5	99.74	9	308.53	85	547.65
Septage	7	27.49	0	0	0	0	7	27.49
Storm Water Drainage	505	382.28	0	3.34	1	35.12	78	74.57
Urban Transport	129	214.50	0	6.87	6	35.59	45	134.39
Green Spaces & Parks	78	49.92	0	3.26	1	5.59	11	17.37
<b>Total</b>	<b>1024</b>	<b>2357.67</b>	<b>5</b>	<b>124.80</b>	<b>29</b>	<b>488.49</b>	<b>274</b>	<b>1099.85</b>

**Decision:** *The Committee directed to segregate the Sewerage & Septage Management Sector implemented by KWA & LSGD*

**RELEASE OF FUND- STATUS (as on 30.11.2018):**

Project FUNDING STATUS: Receipts and Expenditure as on 30.11.2018							Amount in Cr.	
Sl. No.	SAAP YEAR	CA released to State (20%)	Matching State share due (30%)	Fund Sanctioned Details (GO issued) (Central +State)	Fund released to Mission Directorate (Central +State)	Dates of release(s)	Fund released to ULB (Central +State)	% of Fund Disbursement
1	2015-16	57.6	34.56	92.16	92.16	26.07.2016	61.52	66.75
2	2016-17	77.28	46.368	123.648	123.648	27.03.2017, 07.07.2017	63.41	51.28
3	2017-18	97.36	58.37	155.73	155.73	31.03.2018, 23.08.2018	59.41	38.15
	<b>Total</b>	<b>232.24</b>	<b>139.298</b>	<b>371.538</b>	<b>371.538</b>		<b>184.34</b>	<b>49.62</b>

**Progress achieved since 19<sup>th</sup> SHPSC on 01.10.2018**

(Rs. In Cr.)

Milestone	DPR prepared		AS accorded		TS accorded		Contract awarded	
	No	Cost	No	Cost	No	Cost	No	Cost
Last SHPSC (01.10.2018)	994	2229.55	994	2229.55	965	1812.55	601	1068.95
Current SHPSC	1019	2232.86	1019	2232.86	995	1869.18	750	1257.82
Progress	25	3.31	25	3.31	30	56.63	149	188.87

**Issues & Concerns:**

1. A Video Conference (review of the implementation of AMRUT projects in different States) was held on 25.10.2018 under the Chairmanship of Shri.Shivdas Meena, IAS - Additional Secretary and Mission Director, AMRUT – MoHUA. The AS informed that the MoHUA Apex Committee has already made decision that Kerala should complete the work awarding process prior to 30<sup>th</sup> of November 2018 and if the State fails to achieve the target within the said timeframe, then the amount will be transferred to other needy States.

Based on the above, the Mission Director has issued D.O letter dated 26.10.2018 to KWA, KMRL, CE-LSGD, ULB Mayors / Chairpersons, ULB Secretaries etc.. to comply with the directions of MoHUA and also convened a meeting with KWA, CE-LSGD and AMRUT team on 30.10.2018.

Further, an action taken / evaluation meeting was conducted on 16.11.2018 with ULB Secretaries, CE-LSGD, ULB Engineering Wing and AMRUT Team. The Mission Director urged all officials to strive hard for fast tracking the pending tasks for achieving the target set by MoHUA.

2. MD, KWA has issued a letter vide KWA/JB/P-3/58/2017 dated 03/11/2018 stating that the road cutting sanctions from PWD and NH authorities for the Water-supply projects in Kannur are still pending



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despite the decision taken in the SHPSC meeting that the Principal Secretary (PWD) will intervene and facilitate the sanctioning process to enable KWA to carry out their works. A city wise list of projects pending for road cutting sanction has been attached as per Annexure – VIII.

3. PFMS Accounts in 9 Mission Cities for AMRUT Projects have been initiated from July 2018 onwards (as per SHPSC decision) to facilitate smooth tracking and to standardize distribution of funds from SMMU. However, part of the funds is still kept with the Treasury Accounts in TVM and KLM and treasuries are not allowing the transfer of fund to PFMS accounts, owing to Government Circular No. 83/2017/Fin dt 24.11.2017 (*Strengthening of TSB System – Guidelines issued by the finance department which directs not to transfer fund from the treasury A/c to the bank A/c*) and G.O (Rt) No. 62/2018/Fin dated 16.04.2018. (*Utilization and monitoring of plan fund – opening of dedicated new special TSB account for Plan Fund*). SHPSC may consider sanctioning the transfer of fund from Treasury account to PFMS account for Centrally Sponsored Scheme like AMRUT.

**Decision:** 1. SHPSC analyzed the pending activities in detail and arrived at a decision as detailed below.

1.1. Preparation of 3 DPRs are pending in Kollam Corporation due to the non-availability of land. The Committee decided to reallocate the fund to other needy cities having sufficient land for the project, to pursue sewerage network projects. DPR preparations of the other two projects are to be accelerated. (Action: CMMU Kollam)

1.2. Pending TS: There are 25 projects pending for technical sanction as on 11.12.2018. KWA shall expedite the TS pending in the Water Supply and Sewerage projects entrusted to them. (Action: MD,KWA)

The Chairman of SHPSC directed ACS, LSGD to intervene and settle the land issues related to the Water Supply Projects in non-KWA segment. TS pending in the Sewerage Sector especially network projects in Thrissur, Palakkad,



*Kozhikode and Kannur should be completed at the earliest.*

**(Action: CE, LSGD)**

*For the sectors under Storm Water Drainage, Urban Transport and Parks, TS has to be issued urgently.*

**(Action: CE, LSGD)**

*Awarding of Works: The committee observed that there are 139 projects pending for awarding in the priority sectors of Water Supply and Sewerage amounting to Rs. 868.51 Cr, (as on 11.12.2018) and KWA/ULB shall initiate serious action to award these projects in a speedy manner. There are 111 projects pending in Storm Water Drainage (59), Urban Transport (44), Park (9) amounting to Rs. 222.33 Cr. and Chief Engineer, LSGD shall personally monitor to expedite the awarding process in all Mission Cities. (Action: CE, LSGD)*

*1.3 The Managing Director, KWA presented the issue of delay in getting road cutting permissions from PWD as well as NH, despite the decision taken in the 19<sup>th</sup> State High Power Steering Committee (SHPSC) meeting held on 01/10/2018. The Chief Secretary expressed displeasure as KWA had not pursued the same for issuance of G.O. (Action: MD, KWA)*

- 2. The MD, KWA has informed that the road cutting issue in Kannur has been solved and the Chairman directed to solve the issues in other cities also. (Action: MD, KWA)*

*The SHPSC deliberated the issue in detail and the Chairman directed to take necessary urgent action for issuance of a G.O from PWD for the exclusive coverage of AMRUT works. The MD, KWA shall liaise with WRD, PWD and LSGD for issuance of the G.O. (Action: MD, KWA)*

- 3. Secretary, Finance Expenditure informed that the Finance Department will look into the issue and necessary directions will be issued to the concerned District Treasury Officers for the transfer of ULB share/fund kept with the Treasury Account to AMRUT PFMS account. (Action: Finance Department and MD, AMRUT)*





## Agenda Item No.4: ADMINISTRATIVE SANCTION OF THE DPRs

PROJECTS FOR ADMINISTRATIVE SANCTION – 6 Projects				
Sl. No.	Name of Project	SAAP Year	Project Cost (Rs. in Cr.)	Remarks
SEWERAGE & SEPTAGE SECTOR				
THIRUVANANTHAPURAM MUNICIPAL CORPORATION				
1	SUPPLYING AND ERECTION OF PUMP SET, TRANSFORMERS AND OTHER ELECTRICAL ACCESSORIES IN THE BLOCK L EDATHARA PUMPING STATION	2017-18	4.00	Administrative Sanction for Rs.1.8 Cr. has been accorded for the subject work. But while preparing detailed estimate for Technical Sanction, it is noted that the capacity of transformer, generator etc. has to be enhanced, resulting to an increase of cost from 1.8 Cr. to 4.0 Cr. Hence revision of AS is required.
URBAN TRANSPORT				
ALAPPUZHA MUNICIPALITY				
2	FOB AT NEHRU TROPHY STARTING POINT	2016-17	2.41	AS was accorded for 1.86 Cr. During the detailed structural scrutiny, it was observed that the worst condition of loading was not considered in the design and the estimate amount is raised to 2.41Cr. Hence the Revision of AS is required.
STORM WATER DRAINAGE				
3	IMPROVEMENT OF 3 POZHIS		7.00	Re-allocation of Projects Cancelled vide G.O. (Rt) No. 1987/2018/LSGD dt. 21.07.2018
3.1	IMPROVEMENT OF VADA POZHI	2016-17		
3.2	IMPROVEMENT OF AYYAPPAN POZHI WITH WALK WAYS AND PEDESTRIAN NET WORK	2016-17		
3.3	IMPROVEMENT OF THUMPOLI POZHI	2016-17		
PARK SECTOR				
KANNUR MUNICIPAL CORPORATION				
4	NEW PAYYAMBALAM PARK	2017-18	0.705	AS was accorded for 0.45 Cr. But, after structural vetting, it was suggested to re-design the foundation and cantilever beams for strengthening, which increased the cost to 0.705 Cr. Hence, revision of AS is required.
TOTAL			14.12	

(Ref. Annexure 2 for Executive Summary / Abstract of Projects)

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**Decision:** SHPSC accorded Administrative Sanction to the Projects subject to the following conditions.

	Project	year	Project Cost	SHPSC comments
1	SUPPLYING AND ERECTION OF PUMP SET, TRANSFORMERS AND OTHER ELECTRICAL ACCESSORIES IN THE BLOCK L EDATHARA PUMPING STATION	2017-18	4.00	Secretary, Finance Expenditure observed that the revision of AS amount is more than double the actual AS. SHPSC authorized MD KWA to seek a written explanation from the concerned officials for the above and present it before the next SHPSC with valid reason for the enhancement of the amount.
2	FOB AT NEHRU TROPHY STARTING POINT	2016-17	2.41	Approved subject to Shajan S, Team Leader of SMMU shall certify the reasons of enhancement
3	IMPROVEMENT OF 3 POZHIS			
3.1	IMPROVEMENT OF VADA POZHI	2016-17		
3.2	IMPROVEMENT OF AYYAPPAN POZHI WITH WALK WAYS AND PEDESTRIAN NET WORK	2016-17		
3.3	IMPROVEMENT OF THUMPOLI POZHI	2016-17		
4	NEW PAYYAMBALAM PARK	2017-18	0.705	Approved

**Agenda Item No.5: IMPLEMENTATION OF ELECTRICAL WORKS IN VARIOUS AMRUT PROJECTS - PREPARATION OF ESTIMATES, TECHNICAL SANCTIONS, SUPERVISION, BILL PREPARATION AND CHECK MEASUREMENT.**

In the electrical work components of various Projects of AMRUT, the DPR consultants have completed the submission of electrical estimates for those projects, for Technical Sanction.

(Amount in Cr.)

City	Sewerage and Septage	Urban Transport	Parks	Total	Amount
Kollam	3	0	7	10	1.12
Alappuzha	1	2	3	6	1.23
Thrissur	3	3	4	10	1.87
Guruvayur	1	3	6	10	1.67



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Palakkad	2	0	0	2	0.51
Kozhikode	2	0	8	10	2.74
Kannur	1	0	7	8	0.69
<b>Total</b>	<b>13</b>	<b>8</b>	<b>35</b>	<b>56</b>	<b>9.83</b>

The 19<sup>th</sup> SLTC held on 14-08-2018 had decided to avail the services of Electrical Engineering Department, Government Engineering College - Thrissur, for vetting the electrical estimate for the projects in Guruvayur Municipality, for according Technical Sanction. However, the succeeding activities under technical services such as supervision, execution etc. of these electrical projects have not been finalized.

Along with Guruvayur, other mission cities also have similar issues and Alappuzha Municipality has requested SMMU to clarify the implementation process of electrical and/or electro mechanical works in the fields of supervision, quality assurance, quality control, billing, check measurement etc.. as they have only Civil Engineers, whose experience in electrical projects are very minimal.

As per Government Order Issued Vide G.O 2878/2015 dated 22.09.2015, for electrical projects, the Urban Local Bodies have constituted a 3 tier Panchayat Level committee for the preparation of estimate, issuing TS, Tender preparation, supervision of works, bill preparation and Check measurement at centage charges maximum 3%. Vide G.O 862/2018 dated 28.03.2018 (Annexure 3), LSGD sanctioned another committee (3 panel members) for Kozhikode Corporation for the implementation of electrical works as per Centage Charges up to 3% or Honorarium of 1% for each member. Vide G.O 2996/2018 dated 25.11.2018, the sanctioning powers of TS amount for the District Level committee and Committee constituted at the Corporation level has been equalized, based on the decisions of the co-ordination committee held on 31.10.2018.

In this context, the services of Technical committee constituted at District Panchayat / Corporation Level may be availed for the implementation of electrical components under AMRUT projects. Therefore, Sanction from SHPSC is sought for the payment of the above mentioned centage charges from the Reform Incentive fund distributed to mission cities.



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**Decision:** SHPSC approved ULBs to use their own funds for the payment of centage charges of electrical works in the mission cities for AMRUT projects.

**Agenda Item No.6: APPROVAL FOR TENDER EXCESS QUOTED FOR MULTI-LEVEL CAR PARKING AT CORPORATION PREMISES & PUTHARIKANDAM.**

The Secretary of Trivandrum Corporation has requested this topic vide letter no. E13/62454 & 62456/18 dated 03.11.2018 (*Annexure 4*). On re-tendering of Multi Level Car Parking projects (MLCP) at Trivandrum Corporation, the single bidder, M/s Sieger Spintech Equipments Pvt. Ltd has quoted Rs.6,19,30,472 (9.8% above) & Rs. 13,18,70,340 (9.89% above) at Corporation premises & Putharikandam respectively. However, the approved estimated cost for MLCP at Corporation premises is Rs.5,64,00,000 & Putharikandam is Rs.12,00,00,000.

On negotiation with the company on 31<sup>st</sup> Oct 2018, the amount has been reduced to Rs. 5,83,74,000 for Corporation premises which is Rs. 19,74,000 (ie, 3.50%) higher than the estimate rate and Rs.12,59,00,000 for Putharikandam which is Rs. 59,00,000 (i.e. 4.92%) higher than the estimate rate. The total excess for both projects comes to **Rs. 78,74,000/-**.

In this situation, decision may be taken to utilize the excess amount from the tender savings of Urban Transport sector and to award the work in the negotiated rate.

**Decision:** The CE, LSGD informed that as per the latest GO issued by Finance Department, 10% enhancement is permissible and market analysis is not required for this project. SHPSC sanctioned the Tender Excess of Rs.78,74,000.00 in the MLCP projects of Corporation premises & Putharikandam of Trivandrum Corporation from the tender savings of Urban Transport Sector/from own funds of the Corporation.

**Agenda Item No.7: APPOINTMENT OF INTERNAL AUDITOR FOR AMRUT MISSION**

The Outlay of State AMRUT Mission is Rs. 2357 Cr. for five years from FY 2015-16 to FY 2019-20 for the implementation of 389 main projects (1005



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total individual projects) under five sectors of Water Supply, Sewerage, Storm Water Drainage, Urban Transport and Park in 9 AMRUT Cities.

The AMRUT Mission Guidelines, under Clause 14.1.1 (*Annexure 5*), specifies that '*all projects will be periodically monitored and reviewed by Apex committee and will be subjected to various audits by external and internal agencies, internal auditors as well as by C&AG and State AGs*'.

SMMU would like to bring to the attention of SHPSC that, it would be inevitable and beneficial, if the Mission Directorate will have a proper internal audit system, for the enforcement of the Audit system specified under guidelines. Currently, State Mission Management Unit don't have such expertise to manage the system.

Therefore, to ensure an efficient accounting and financial management procedures, it is necessary to appoint an Internal Auditor or an Agency for auditing the accounts.

**Decision:** *SHPSC decided to appoint a Chartered Account Firm, with experience in auditing in Government Projects. The Committee authorized MD, AMRUT to invite expression of interest and engage the firm for internal auditing.*



**Agenda Item No.8: REFORM INCENTIVE FOR THE YEAR 2017-18 AND STRATEGY FOR THE UTILIZATION AND DISTRIBUTION OF FUNDS TO MISSION CITIES**

Kerala has received an amount of Rs.15.89 Cr. as reform incentive for the year 2017-18 during the third anniversary celebrations of AMRUT Scheme held at Lucknow on 27<sup>th</sup> July 2018. The State Mission Management Unit had submitted the reform self -assessment claim of the State with a score of 96% with all supporting documents. Kerala was accorded 93.95% score by MoHUA with third position among the states.

The 18<sup>th</sup> SLTC took note of the reform incentive claim submitted to MoHUA within the stipulated time and recommended the same to SHPSC for ratification.

Along with, the SHPSC may consider the proposal of SMMU to distribute the incentive of Rs. 15.89 Cr. for the reform milestones of 2017-18 based on the weightages "Performance in Project Implementation - 60% and Reform Implementation - 40%"(Annexure 6) as per the breakdown given below:

**Reform incentive 2017-18**

No	AMRUT City	Project Performance- 60%	Reform performance - 40%	Total
1.	Thiruvananthapuram	2.32	0.60	2.92
2.	Kollam	0.92	0.58	1.51
3.	Alappuzha	0.54	0.59	1.13
4.	Kochi	0.69	0.54	1.24
5.	Thrissur	0.74	0.55	1.29
6.	Guruvayur	0.54	0.59	1.13
7.	Palakkad	0.48	0.57	1.05
8.	Kozhikode	0.62	0.58	1.20
9.	Kannur	0.87	0.55	1.42
10	SMMU			3.00
<b>Total</b>		<b>7.73</b>	<b>5.16</b>	<b>15.89</b>

SMMU proposes the above distribution to the Mission Cities after retaining Rs. 3 Cr. with the State Mission Management Unit.

**Decision:** SHPSC approved the distribution of reform incentive of 2017-18 to the mission cities as per the above break-down. The Mission Cities are directed to utilize the incentive for enhancing the ULB level





*Service Delivery such as governance performance, own revenue enhancement, improvement in credit rating, online digital transaction, IT system, CC TV installation, Website improvement etc. The Committee entrusted the Municipal Finance Expert to ensure that 60% of the payment are through online in 9 AMRUT Cities.(Action: Municipal Finance Expert, SMMU,AMRUT)*

**Agenda Item No.9: PROJECT MANAGEMENT SUPPORT FOR IMPLEMENTATION OF AMRUT PROJECTS – INTERNAL PROJECT QUALITY MONITORING&SUPERVISION AND EXECUTION OF SEWERGE / SEPTAGE PROJECTS AT ULB LEVEL.**

**i. INTERNAL PROJECT QUALITY MONITORING**

The 7<sup>th</sup> SHPSC held on 21 Dec 2016, while deliberating on the strategies for the smooth implementation of AMRUT, had decided to un-bundle the functions of the Project Development and Management Consultants into three major tasks;

- A. PROJECT DEVELOPMENT
- B. QUALITY ASSURANCE
- C. PROJECT MONITORING

For the inspection of quality of projects, while implementing the projects under AMRUT, it was decided in the 6<sup>th</sup> (26<sup>th</sup> August 2016) and 7<sup>th</sup> SHPSC (21 Dec 2016) Meetings to empanel reputed engineering colleges, Institution of Engineers, Kerala etc. Further, the 5<sup>th</sup> SLTC held on 24.01.2017 directed the Mission Management Unit to enquire with Engineering Colleges on their willingness to associate with AMRUT on project monitoring. Based on this, SMMU has presented details of the discussion in the 7<sup>th</sup> SLTC. It was decided in the above meetings that preference is to be given to the Government and aided Engineering Colleges in the ULB area. However, on consultation with these Institutions, it was observed that these Institutions are not willing to offer on-site quality monitoring of projects at regular intervals due to their predefined duties and time constraints,

Presently, the implementation phase of AMRUT is fast progressing and 70% of projects are currently under execution. Therefore, in each Mission City, implementation of a total quality management system is mandatory for regular monitoring of site quality assurance procedures, quality control methods etc.



The monitoring mechanism is also necessitated in the AMRUT Guidelines under *Clause 14 – page no. 25 –Monitoring of Projects (Annexure 7)* which states that Third Party Monitoring and Review of projects has to be encouraged on real time at the State and ULB level. Moreover, MoHUA has appointed an Independent Review and Monitoring Agency (IRMA), i.e M/s. WAPCOS, for the State for the overall review of the projects.

In view of the above circumstances, it is highly necessary to evolve a third-party quality monitoring mechanism (from *Reputed Engineering Colleges/Government Engineering Colleges/NIT/Experts Panel with Engineers from relevant streams in Civil, Mechanical, Electrical etc., /Institution of Engineers / Reputed Consultant / Accredited Agency etc.*) region wise, who shall be well versant with the overall quality management procedures.

ii. SUPERVISION & EXECUTION OF SEWERAGE AND SEPTAGE PROJECTS AT ULB LEVEL

In the 4<sup>th</sup> SLTC meeting held on 14.12.2016, it was decided to seek the support of Engineering Procurement Construction (EPC) mode of contract for the smooth implementation of projects under Sewerage and Septage management sector.

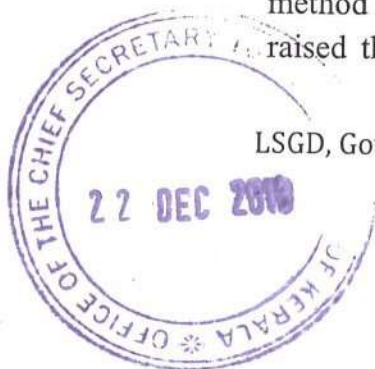
Further, in the 7<sup>th</sup> SHPSC held on 21.12.2016, it was also decided that the projects envisaged in Sewerage &Septage sector shall be with de-centralized system implemented in Engineering Procurement Construction (EPC) mode.

The 6<sup>th</sup> SHPSC held on 26.08.2016, also directed that the institutional & implementation mechanism of Sewerage Sector projects (*as and when the proposals arrive*) shall be decided by the State Level Technical Committee.

SMMU would like to point out that, most of the sewerage and septage projects undertaken at ULBs, are with Electro-coagulation (E- KID) technology, which has been implemented and successfully running in Kerala and other states like Andhra Pradesh, Tamil Nadu and Karnataka. There are more than 300 plants already using E-KID technology for waste treatment in India.

Presently, there are 24 projects (*amounting to Rs.418.55 Cr*) in sewerage and septage sector (*non-KWA*), which are directly to be executed by ULB on which tendering and awarding are in progress.

The ULB engineering wing is not familiar with the on-site implementation method of these projects which are piloted in their mission cities and they have raised their concerns (*in the plan review meetings of AMRUT conducted by*





Mission Director on 30.10.2018 & 16.11.2018) about the lack of specific experience and the project management methods to be adopted in the fields of supervision and execution of Sewerage & Septage projects.

Therefore, it is essential to appoint a Reputed Consultant / Accredited Agency, for effective project management support in the case of sewerage and septage projects undertaken by the ULB Engineering wing.

SEWERAGE/SEPTAGE SECTOR PROJECTS (Implementing by ULB)								
22 Projects (24 including Sub projects)								
SI No	Name of Project	Project Cost/ DPR cost (Cr.)	AS Amt. (Cr.)	AS Date	TS Amt (Cr.)	TS Date	Tendering	Remarks
1	2	3	4	5	6	7	8	9
KOLLAM - 04 Projects								
1	Septage Treatment plants	12.66	12.66	22-02-2018	9.8	22.08.2018 (Conditional)	In progress	NIT on 10.12.2018
1.1	Septage Treatment Plant at Andamukkam							3 sub projects of 100 KLD plants at 3 locations. (As accorded as single project of 12.66 cr.)
1.2	Septage Treatment Plant at Vasoorichira							
1.3	Septage Treatment Plant at Karikkuzhi Ela							
2	Planning, Design and Construction of Uliyakovil sub Zone in Zone A1 Part 2 (construction of sewerage network, pumping mains stations)	44.8						KMC notified that DPRs can't be prepared due to unavailability of land, vide their letters dated 23.01.2018 & 07.03.2018. The topic has been addressed in the 17 <sup>th</sup> SLTC and 16 <sup>th</sup> SHPSC and KMC requested for transfer of fund to water supply sector. SHPSC did not agree and insisted sewerage projects.
3	Sewer network- Replacement of damaged network and laying of balance network, Construction of Pumping Station at Sarpakuzhi sub Zone of A1 Part 1 Continuation							
4	Sewer Network- Replacement of damaged network and laying of balance network, Construction of Pumping Station at Sarpakuzhi Sub Zone of A1 Part 1 continuation							
ALAPPUZHA- 03 Projects								
5	Sewage treatment Plant at general hospital Alappuzha 240 KLD -Phase 1	3.45	3.45	1.01.2018	3.05	30.07.2018 (conditional)	In progress	NIT on 12.12.2018
6	Sewage treatment Plant at general hospital Alappuzha 240 KLD -Phase 2			1.01.2018				
7	Decentralized Septage treatment plant at Alappuzha Municipality	6.64						DPR will be ready by 26.12.2018



Sl No	Name of Project	Project Cost/ DPR cost (Cr.)	AS Amt. (Cr.)	AS Date	TS Amt (Cr.)	TS Date	Tendering	Remarks
1	2	3	4	5	6	7	8	9
	KOCHI- 03 Projects							
8	Decentralized Sewerage System Phase 1	44.56	44.56	23.12.2017	43.454	11.09.2018	In progress	NIT on 22.12.2018
9	Decentralized Sewerage System Phase 2			23.12.2017		11.09.2018		
10	Decentralized Sewerage System for 1-5 divisions	38.78						DPR to be prepared by IPE Global. Land issues will be sorted out in the next Corporation Council.
	GURUVAYUR - 01 Projects							
11	Construction of 100 KLD Septage Treatment Plant at Chakkamkandam	4.5	4.5	31.05.2018	3.53	30.07.2018 (conditional)	In progress	NIT on 26.12.2018
	THRISSUR- 04 projects							
12	Septage Treatment Plant of 100 KLD at Ramavarmapuram	3.5	3.5	01.01.2018	3.1	30.07.2018 (conditional)	In progress	NIT on 14.12.2018
13	Sewage Treatment Plant of 360 KLD capacity at General Hospital Thrissur	3.52	3.52	01.01.2018	3.52	30.07.2018 (conditional)	In progress	NIT on 14.12.2018
14	Decentralized Sewerage Scheme for Thrissur Corporation- Phase1	53.4	53.4	01.01.2018				DPR will be ready by 20.12.2018. Land issues sorted out on 01.11.2018
15	Decentralized Sewerage Scheme for Thrissur Corporation- Phase2			01.01.2018				
	PALAKKAD- 03 Projects							
16	100 KLD Septage Treatment Plant at Yakkara	3.41	3.41	23.12.2018	3.00	13.08.2018 (conditional)	In progress	NIT on 18.12.2018
17	Septage treatment plants Decentralized sewerage treatment plants Sewer lines Pump houses Septic tank suction units	26.05	26.05					DPR submitted by the Consultant on 06.12.2018. Land will be fully handed over to municipality by end of Dec 2018.
18	270 KLD Sewage Treatment plant in Palakkad District Hospital	2.88	2.88	01.01.2018	2.8	30.08.2018 (conditional)	In progress	NIT on 18.12.2018
	KOZHIKODE - 02 projects							
19	3 MLD STP at Kozhikode Medical College with 100 KLD Septage Management	14.12	14.12	13.11.2017	14.106	30.07.2018 (conditional)	In progress	NIT issued on 01.12.2018. Opening on 05.01.2019
20	Sewerage system in Zone A	106.69	106.69	22.2.2018				DPR will be ready by 20.12.2018. Land is already available with Corporation.





Sl No	Name of Project	Project Cost/ DPR cost (Cr.)	AS Amt. (Cr.)	AS Date	TS Amt (Cr.)	TS Date	Tendering	Remarks
1	2	3	4	5	6	7	8	9
<b>KANNUR- 02 Projects</b>								
21	100 KLD Septage Treatment Plant at Chelora	3.42	3.42	23.12.2017	2.93	28.06.2018 (conditional)	In progress	NIT on 29.12.2018
22	Providing decentralized sewerage network with STP in old Kannur Municipal area	46.81	46.81	01.01.2018				DPR will be ready by 20.12.2018. Land issues sorted out on 04.10.2018

**Decision:** SHPSC decided as detailed below.

- i. Internal quality monitoring mechanism shall be taken up through Institution of Engineers, Government Engineering Colleges, IITs or Private/Aided / Self Finance Engineering Colleges. In the case of Self Finance Engineering Colleges, colleges with good rating and functioning for the last 10 years and having Department of Civil, Mechanical and Electrical. It should have minimum 4 Post Graduate courses with Specialization in these areas and 90% seats filled up in the last three to four years. The selected institution may be entrusted with maximum of 3 cities. **(Action MD,AMRUT)**
- ii. (1) For the supervision of Sewerage and Septage Projects, a panel of 4 members consisting of (1) Sri. Sreekumar S. - Environmental Expert of SMMU stationed at CMMU, Kozhikode as Team Leader, (2) Sri. Renju - SBM, (3) Sri. Kiran Surya or the Environmental Engineer of the concerned Corporation as the case may be, (4) Sri. Madhavan - Urban Infrastructure expert, CMMU, Guruvayur. The panel shall supervise (with minimum 3 members) the issues related to the processes and technology of the treatment systems. The LSGD Engineering wing in ULBs will supervise the civil engineering part of the Sewerage/Septage system. TA will be given to the Experts based on the actual expenses and DA also permissible as per the prevailing order of Finance Department. **(Action: MD,AMRUT, CE,LSGD, ED,Suchitwa Mission, Secretary, Kozhikkode Corporation/Kochi Corporation and Guruvayur Municipality)**

The Chief Engineer, LSGD should give the list of Engineers who have M.Tech in Environmental engineering to the MD, SMMU and to the ACS, LSGD within a week. **(Action: CE, LSGD)**

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- (2) The concerned CMMU should follow-up the status of Sewerage/Septage projects and report to the SMMU on daily basis and the IT cum MEE Expert should update the status on website on daily basis. (Action : IT & MEE Expert SMMU, CMMUs)

**Agenda Item No.10 REQUEST OF IRMA (M/s. WAPCOS) TO CONSIDER REVISING THE STAFFING SCHEDULE PLACED IN THEIR ORIGINAL PROPOSAL SIGNED WITH MoHUA**

Vide reference No, K/16011/63/2016-AMRUT- 1B (Pt.2) dated 18.05.2018, the Under Secretary of MoHUA informed the Government of Kerala (The Additional Chief Secretary, Department of Local Self Government) that MoHUA has selected M/s. WAPCOS Ltd. Gurugram as Independent Review and Monitoring Agency (IRMA) under AMRUT. It was also directed to sign the Contract document with M/s. WAPCOS within 15 days of the issuance of that letter.

The letter also stated that the awarded cost of IRMA for Kerala is Rs.2,11,67,612/- for a Mission Period of 36 months which may be extended for a period of one year at a time, up to a maximum of two extensions.

Based on the above, the topic was discussed in the 18<sup>th</sup> SLTC held on 21.05.2018 and further, a direction was obtained from LSG Department vide its letter no. DC2/171/2018/LSGD dated 05.07.2018, to enter into an agreement with M/s. WAPCOS. Accordingly, SMMU has finalized the draft agreement with M/s WAPCOS and given it for signature on 22.10.2018.

However, M/s. WAPCOS, vide their letter dated 26.11.2018 (**Annexure 9**), have requested Mission Director to consider revising the entire staffing schedule originally approved by MoHUA, stating that those staffs are now unavailable and joined elsewhere due to the lengthy time-consuming process of finalization of agreement with MoHUA.

Since the entire staffing proposed in the original bid proposal of M/s. WAPCOS with MoHUA has now been changed, it may also require the approval of MoHUA again for revalidating the agreement.

Illustrative comparison of the original and replacement staff proposal of M/s. WAPCOS is given below for deliberations and decisions:

LSGD, Government of Kerala





Sl. No	Position	Proposed Team in Bid Name	Qualification	Experience	Proposal for Replacement	Qualification	Experience
1	TEAM LEADER	Uday Chimanrao Roman	<ul style="list-style-type: none"> <li>PhD in reservoir inflow Predictions.</li> <li>ME (WRD). PG Diploma in WRD.</li> <li>LLB</li> <li>B E</li> </ul>	35 years of experience in Various Project Management. CWPRS in Pune from Civil Eng to Chief Research Officer.	S. HARIS	<ul style="list-style-type: none"> <li>Bachelor of Engineering (Civil).</li> <li>M.Tech in Environmental Engineering.</li> <li>MSC (Sanitary Engineering)</li> <li>MBA</li> </ul>	32 years of experience in <u>KWA</u> from Assistant Engineer to Chief Engineer.
2	TECHNICAL EXPERT	P D Karkhanis	<ul style="list-style-type: none"> <li>M Tech (Environment science and Engg.</li> <li>B.Tech (Civil).</li> </ul>	26 years of experience in WAPCOS from Engineer trainee to Chief Engineer.	D. MOHANDAS	<ul style="list-style-type: none"> <li>B.TECH (Civil)</li> </ul>	19 years of experience in <u>PWD, KSHRI, KSIDC, CED &amp; WAPCOS</u> from Engineer to Senior level expert
3	TECHNICAL EXPERT	Raghvendra Kumar	<ul style="list-style-type: none"> <li>BE Civil.</li> <li>ME Irrigation and Hydraulic.</li> </ul>	16 years of experience in WAPCOS from Engineer to Senior Engineer	NAHAS N MOIDEEN	<ul style="list-style-type: none"> <li>MBA.</li> <li>B.Sc (Civil).</li> </ul>	25 years of experience in <u>LSGD</u> from Asst. Engineer Supt. Engineer.
4	TECHNICAL EXPERT	G. Venkata Ramana	<ul style="list-style-type: none"> <li>M Tech (Transportation Engg).</li> <li>B Tech (Civil).</li> </ul>	14 years of experience in WAPCOS from Engineer to Deputy Chief Engineer.	ABDUL LATHEEF. K. V.M	<ul style="list-style-type: none"> <li>Bachelor of Engineering (Civil). M.Tech (Geo Technical Engineering).</li> <li>MCA and MBA in Project Management.</li> </ul>	30 years of experience in <u>KWA, OMAN</u> from Asst. Engineer to Executive Engineer.
5	TECHNICAL EXPERT	Mukta Jyotsna Xess	<ul style="list-style-type: none"> <li>BE(Civil)</li> </ul>	7 years of experience in WAPCOS from Engineer to Senior Engineer.	SREEDHARA PANICKER RATHISH	<ul style="list-style-type: none"> <li>Bachelor of Engineering (Civil).</li> <li>M.Tech (Structural Engineering).</li> <li>MS Sanitary Engineering.</li> </ul>	18 years of experience in <u>KRWSSA, WRD, KWA</u> from Manager to Chief Engineer.
6	TECHNICAL EXPERT	Debendra Kumar Mohanty	BE (Mechanical)	24 years of experience in WAPCOS and HYUNDAI UNIT tech from Quality control Engineer to Deputy Chief Engineer	K.S. BABU	<ul style="list-style-type: none"> <li>Bachelor of Engineering (Civil)</li> <li>M.Tech (Environmental Engineering)</li> </ul>	30 years of experience in <u>KWA, Hospital, Engineering College</u> from Asst. Engineer to Supt. Engineer

**Decision:** SHPSC noticed that M/s. WAPCOS replaced all the six staff in the initial proposal. Replacing staff with less qualification and experience is not acceptable. Therefore SHPSC approved only two persons out of the six persons of the staffing schedule proposed by M/s. WAPCOS which shall be intimated to MOHUA:



Sl. No	Position	Proposal for Replacement	Qualification	Decision and reason
1	TEAM LEADER	S. HARIS	<ul style="list-style-type: none"> <li>Bachelor of Engineering (Civil).</li> <li>M.Tech in Environmental Engineering.</li> <li>MSC (Sanitary Engineering)</li> <li>MBA</li> </ul>	Approved
2	TECHNICAL EXPERT	D. MOHANDAS	<ul style="list-style-type: none"> <li>B.TECH (Civil)</li> </ul>	Not approved. M/s. WAPCOS shall propose equally qualified and experienced personnel at par with the original proposal.
3	TECHNICAL EXPERT	NAHAS N MOIDEEN	<ul style="list-style-type: none"> <li>MBA.</li> <li>B.Sc. (Civil).</li> </ul>	Not approved. M/s. WAPCOS shall propose equally qualified and experienced personnel at par with the original proposal.
4	TECHNICAL EXPERT	ABDUL LATHEEF. K. V.M	<ul style="list-style-type: none"> <li>Bachelor of Engineering (Civil). M.Tech (Geo Technical Engineering).</li> <li>MCA and MBA in Project Management.</li> </ul>	Not approved. M/s. WAPCOS shall propose equally qualified and experienced personnel at par with the original proposal.
5	TECHNICAL EXPERT	SREEDHARA PANICKER RATHISH	<ul style="list-style-type: none"> <li>Bachelor of Engineering (Civil).</li> <li>M.Tech (Structural Engineering).</li> <li>MS Sanitary Engineering.</li> </ul>	Approved
6	TECHNICAL EXPERT	K.S. BABU	<ul style="list-style-type: none"> <li>Bachelor of Engineering (Civil)</li> <li>M.Tech (Environmental Engineering)</li> </ul>	Not approved. M/s. WAPCOS shall propose equally qualified and experienced personnel at par with the original proposal.

SHPSC decided to request M/s. WAPCOS to suggest suitable qualifications and experience commensurate with the list of people initially proposed and authorized MD, SMMU to communicate it



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**Addl. Agenda Item No.1: Awarding of MLCP Project in Urban Transport Sector in Guruvayur Municipality– Decision for awarding the project to ULCCS ,the accredited Agency**

Vide letter No. E5/11435/2018 dtd. 05.12.2018, the Chairperson, Guruvayur Municipality has informed that competitive bidding for MLCP project under Urban Transport Sector has been conducted two times. However, Uralungal Labour Contract Co-operative Society only quoted the rate.

On scrutiny of the above tender, it has been noted that the negotiated offer of the Uralungal is Rs.19,06,30,582/-, i.e., 2.33% lesser than the DSR 2016 rate with Cost Index 37.25%, 7.5% CP and 7.5% overhead. However, in 18<sup>th</sup> SLTC, it was decided that while awarding the work to the accredited agencies, CP has to be exempted.

In the present scenario, if CP and overhead charges are omitted, the contractor will not take up the project. Also, if ULB proceeds with the tendering for 3<sup>rd</sup> time, there is very likely chance that a successful bidder may give quote for the project.

Therefore, the ULB is requesting the sanction from SHPSC to award the project to ULCCS at an amount of Rs.19,06,30,582/-, i.e., 2.33% lesser than DSR rate 2016 and with CP and Overhead

**Decision:** *SHPSC decided to award the project to ULCCS with CP and overhead since the agency has quoted 2.33% lesser than the DSR 2016*

**General Decisions:**

1. *CC TV Surveillance System and Punching System shall be installed in the new office of SMMU at ARTECH Plaza Thycaud. The CCTV Surveillance system needs to connect via. internet ,with a facility for monitoring it by ACS, LSGD and MD, AMRUT.(Action: MD, AMRUT)*
2. *The CE LSGD could not complete the recruitment for Civil Engineer (2 Nos.), Data Entry Operator (1 No.) and Computer Programmer (1 No.), although the decision for the appointment of these staff*



given vide 18<sup>th</sup> SHPSC dated 22.05.2018. Since more than six months have been elapsed, SHPSC decided that no need of recruitment to be continued.

3. SMMU shall initiate the recruitment process for the KWA engineers and supervisors as decided in the 13<sup>th</sup> SHPSC dated 14<sup>th</sup> December 2017 as KWA is currently unable to continue the recruitment due to Court cases. KWA shall facilitate the recruitment procedures. (Action :MD,KWA and MD,AMRUT)
4. For structural vetting of AMRUT projects, the services of IIT/NIT/ Government Engineering College can be availed.
5. The Mission Director informed that proposal has been sent to Government on 17<sup>th</sup> August 2018 for creating a post of Deputy Mission Director, AMRUT for posting a senior officer with Engineering background on deputation in SMMU, AMRUT. As there is no chance of creating a post in the present situation, the Mission Director requested sanction to appoint a retired Superintending Engineer or above who has experience in State Government Department and similar projects on contract basis. The Committee approved the suggestion and entrusted MD to appoint a suitable person not below the rank of Superintending Engineer from State Government and preference may be given who have experience in implementing similar projects/externally aided projects.

(Action: MD,AMRUT)

Sd/-

 Mission Director, AMRUT

  
Additional Chief Secretary

Additional Chief Secretary to Government  
Local Self Government Department  
Government Secretariat  
Thiruvananthapuram

  
Chief Secretary

(Chairman SHPSC - AMRUT)

  
TOM JOSE  
Chief Secretary





**Annexure I**

**Participants of 20<sup>th</sup> SHPSC Meeting of AMRUT held on 11.12.2018 at 11.00 AM in the Chief Secretary's Chamber**

1. Sri. Tom Jose IAS, Chief Secretary, Government of Kerala
2. Sri T K Jose IAS, Additional Chief Secretary, LSGD
3. Dr. Sharmila Mary Joseph IAS, Secretary, Finance (Expenditure)
4. Dr. A Kowsigan IAS, Managing Director, KWA
5. Smt. R. Girija IAS, Mission Director, AMRUT
6. Prof. P.K. Santha Kumari, Chairperson, Guruvayur Municipality
7. Dr. R. Ajayakumar Varma, Executive Director, Suchitwa Mission
8. Sri.T.Raveendran, Technical Member, KWA
9. Sri. Saji Kumar.P.R, Chief Engineer, LSGD
10. Smt. Shiny George, Additional Secretary, Plg.& EA Dept
11. Sri. Gigi George, Chief Town Planner (Planning)
12. Sri. Shajahan.D, Chief Engineer (P PW), Kerala Water Authority
13. Sri. Shenil.T.S., Chairman, Works Standing Committee, Guruvayur Municipality
14. Sri. Swaminath.P.N, Chief Engineer (CR), Kerala Water Authority
15. Sri. K. Ajayakumar, Deputy Chief Engineer (SR), Kerala Water Authority
16. Sri. Suresh Chandran, Superintending Engineer, Kerala Water Authority. TVPM

