

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

**AGENDA NOTES**



**Date : 11.12.2018 at 12:30 pm**

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

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

## INDEX

Agenda Item No.	Topic	Page No.
1	APPROVAL OF MINUTES OF THE 19 <sup>th</sup> MEETING OF SHPSC.	3
2	ACTION TAKEN REPORT ON THE DECISIONS OF THE 19 <sup>th</sup> SHPSC	3
3	PROGRESS OF ACTIVITIES SINCE 19 <sup>TH</sup> SHPSC.	8
4	ADMINISTRATIVE SANCTION OF THE DPRs	13
5	IMPLEMENTATION OF ELECTRICAL WORKS IN VARIOUS AMRUT PROJECTS - PREPARATION OF ESTIMATES, TECHNICAL SANCTIONS, SUPERVISION, BILL PREPARATION AND CHECK MEASUREMENT.	14
6	APPROVAL FOR TENDER EXCESS QUOTED FOR MULTI-LEVEL CAR PARKING AT CORPORATION PREMISES & PUTHARIKANDAM.	15
7	APPOINTMENT OF INTERNAL AUDITOR FOR AMRUT MISSION	16
8	REFORM INCENTIVE FOR THE YEAR 2017-18 AND STRATEGY FOR THE UTILIZATION AND DISTRIBUTION OF FUNDS TO MISSION CITIES	16
9	PROJECT MANAGEMENT SUPPORT FOR IMPLEMENTATION OF AMRUT PROJECTS – INTERNAL PROJECT QUALITY MONITORING & SUPERVISION AND EXECUTION OF SEWERGE / SEPTAGE PROJECTS AT ULB LEVEL.	17
10	REQUEST OF IRMA (M/s. WAPCOS) TO CONSIDER REVISING THE STAFFING SCHEDULE PLACED IN THEIR ORIGINAL PROPOSAL SIGNED WITH MoHUA	21
	ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIR	

**Agenda Item No.1: APPROVAL OF MINUTES OF THE 19<sup>th</sup> MEETING OF SHPSC.**

The minutes of the 19<sup>th</sup> SHPSC meeting of AMRUT held on 1<sup>st</sup> Oct 2018 is enclosed as ***Annexure - I***

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

**Agenda Item No.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 19<sup>th</sup> SHPSC**

Agenda Item	Agenda												Decision Taken	Action Taken
3. Progress of activities since 18 <sup>th</sup> SHPSC	<b>Progress as on 30.09.2018:</b>												<p><i>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.</i></p> <p>1. <i>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.</i></p> <p>2. <i>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.</i></p>	<p>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.</p> <p>2. Photos of completed projects with details updated in the AMRUT website.</p>
		<b>TOTAL PROJECTS</b>		<b>DPR PREPARED</b>	<b>AS ACCORDED</b>		<b>TS ACCORDED</b>		<b>TENDERED</b>		<b>WORK AWARDED</b>			
		<b>NUM</b>	<b>Project Cost (In Cr)</b>	<b>NUM</b>	<b>DP R Cost (In Cr)</b>	<b>NUM</b>	<b>Amount (In Cr.)</b>	<b>NUM</b>	<b>Amount (In Cr.)</b>	<b>NUM</b>	<b>Amount (in Cr)</b>	<b>NUM</b>	<b>Amount (In Cr)</b>	
	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. <i>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</i>	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												<p>SHPSC reviewed the issues and directed as below.</p> <p>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</p>	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

		<p>21.5.2018), the 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>	<p>conduct a joint meeting of 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>																														
<p><b>6.AMRUT reforms 2016-17 -Strategy for the utilization of reform incentive and distribution of fund to mission cities.</b></p>	<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>SlNo</th><th>AMRUT city</th><th>Project Performance (40%)</th><th>Reform Performan ce (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>	SlNo	AMRUT city	Project Performance (40%)	Reform Performan ce (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	<p><i>SHPSC reviewed the reform incentive distribution criteria and approved the fund distribution to Mission Cities and SMMU for the year 2016-17</i></p>	<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>
SlNo	AMRUT city	Project Performance (40%)	Reform Performan ce (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																													

	<table><tr><td>6</td><td>Guruvayoor</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	Guruvayoor	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>		
6	Guruvayoor	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>																													
	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.																																
<b>7. Direct fund transfer to KWA – reconsideration</b>	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	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	Decision is communicated to all mission cities and KWA vide Lr No. AK3/ AMRUT/ 2014/2015 dated 11.10.2018																														
<b>8. Shifting the office premises of State Mission Management Unit</b>	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.	<i>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 Thycaud with a rent @ Rs.30/sq.ft.</i>  <i>SHPSC ratified the action taken by the Mission Director</i>	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>Hence, the present office of SMMU needs to be shifted to a more spacious and 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, Thycaud, 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><i>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</i></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, <b>sanction may be accorded for the payment of rent at old and new premises during the transition months of Nov &amp; Dec 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><i>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</i></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>

**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)
SAAP I	101	582.84	245	245	577.17	241	495.65	225	449.71	196	347.91	44	18.74	71.44
SAAP II	118	797.21	322	320	760.90	314	652.69	306	592.55	255	413.47	23	4.93	36.25
SAAP III	169	977.61	457	454	894.79	440	720.84	432	692.27	299	496.44	16	5.05	35.69
<b>GRAND TOTAL</b>	<b>388</b>	<b>2357.66</b>	<b>1024</b>	<b>1019</b>	<b>2232.86</b>	<b>995</b>	<b>1869.18</b>	<b>963</b>	<b>1734.53</b>	<b>750</b>	<b>1257.82</b>	<b>83</b>	<b>28.72</b>	<b>143.37</b>

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

Sector	Number of main projects	Project Cost (of Col C )	Total projects (Incl. Subproj.	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)
Water Supply	95	1081.09	174	174	1069.50	164	1020.89	159	1010.66	126	782.72	8	6.839	113.44
Sewerage	49	629.87	138	133	530.13	127	277.89	109	174.34	46	54.73	15	2.46	9.66
Storm Water Drainage	113	382.28	505	505	378.94	504	347.16	504	347.16	427	307.72	53	17.46	15.04
Urban Transport	59	214.50	129	129	207.63	123	178.91	117	165.40	84	80.11	2	0.391	3.58
Parks	72	49.92	78	78	46.66	77	44.33	74	36.97	67	32.55	5	1.57	1.65
<b>Grand Total</b>	<b>388</b>	<b>2357.66</b>	<b>1024</b>	<b>1019</b>	<b>2232.86</b>	<b>995</b>	<b>1869.18</b>	<b>963</b>	<b>1734.53</b>	<b>750</b>	<b>1257.82</b>	<b>83</b>	<b>28.72</b>	<b>143.37</b>



**ULB WISE PROGRESS (as on 30.11.2018)**

ULB	Number of main projects	Project Cost (in Cr)	Total projects (Incl. Subproj.)	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 (Amt in Cr.)	Work Completed (No)	Work Completed (Amt in Cr)	Expenditure (Amt in Cr)
Trivandrum	51	357.50	271	271	355.15	270	324.29	262	305.72	189	188.11	37	7.56	33.17
Thrissur	39	269.93	121	121	266.62	116	186.70	114	180.08	95	118.31	21	10.46	15.03
Palakkad	115	221.74	151	151	218.15	146	186.00	142	177.34	140	165.18	2	0.61	9.30
Kozhikode	25	274.76	49	49	274.83	48	167.46	47	148.05	38	112.59	0	0.00	10.97
Kannur	26	225.72	37	37	225.65	34	175.06	30	160.98	28	146.89	0	0.00	12.41
Kollam	33	253.45	68	65	207.19	63	184.28	59	173.69	50	62.97	8	5.32	5.32
Kochi	56	328.78	98	97	268.47	96	247.61	94	203.05	83	151.37	6	2.58	24.14
Guruvayur	20	203.10	34	34	203.91	29	191.88	27	183.38	24	145.99	0	0.00	22.87
Alappuzha	23	222.68	195	194	212.89	193	205.90	188	202.25	103	166.40	9	2.19	10.17
<b>KERALA</b>	<b>388</b>	<b>2357.66</b>	<b>1024</b>	<b>1019</b>	<b>2232.86</b>	<b>995</b>	<b>1869.18</b>	<b>963</b>	<b>1734.53</b>	<b>750</b>	<b>1257.82</b>	<b>83</b>	<b>28.72</b>	<b>143.37</b>

**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):**

<i>City</i>	<i>Water Supply</i>	<i>Sewerage and Septage</i>	<i>Storm Water Drainage</i>	<i>Urban Transport</i>	<i>Parks</i>	<i>Total</i>
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.

• **AWARDING OF WORK :750/1024**

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

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

<i>CITY</i>	<i>TOTAL PROJECTS</i>		<i>Balance AS</i>		<i>Balance TS</i>		<i>Balance AWARDING</i>	
	<i>Num</i>	<i>Amount in Cr</i>	<i>Num</i>	<i>Amount in Cr</i>	<i>Num</i>	<i>Amount in Cr</i>	<i>Num</i>	<i>Amount in Cr</i>
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 & Septage Management	138	629.87	5	99.74	11	351.98	92	575.14
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>

**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
<b>Last SHPSC (01.10.2018)</b>	994	2229.55	994	2229.55	965	1812.55	601	1068.95
<b>Current SHPSC</b>	1019	2232.86	1019	2232.86	995	1869.18	750	1257.82
<b>Progress</b>	<b>25</b>	<b>3.31</b>	<b>25</b>	<b>3.31</b>	<b>30</b>	<b>56.63</b>	<b>149</b>	<b>188.87</b>

**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 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 to be taken:** *SHPSC may intervene and suggest suitable decision to resolve the above situations.*

**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 LEDATHARA 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)

**Decision to be taken:** *The SHPSC may accord Administrative Sanction to 6 Projects (including subprojects) amounting to Rs.14.12 Cr.*

**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.)*

<i>City</i>	<i>Sewerage and Septage</i>	<i>Urban Transport</i>	<i>Parks</i>	<i>Total</i>	<i>Amount</i>
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
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.

**Decision to be taken:** *SHPSC may sanction the utilization of fund from ULB reform incentives for the payment of centage charges of electrical works in the mission cities for AMRUT projects as decided in the G.O 2996/2018 dated 25.11.2018, 862/2018 dated 28.03.2018 and 2878/2015 dated 22.09.2015.*

**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 & Rs. 13,18,70,340 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 (ie, 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 to be taken:** *SHPSC may sanction 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.*

**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 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 to be taken:** *SHPSC may accord sanction to appoint an Internal Auditor or an Agency for conducting the internal auditing. Sanction may also be accorded to MD for constituting a selection committee for appointing auditors by inviting EOI. The cost may be met from A&OE/ Reform Incentive fund.*

**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**

<i>No</i>	<i>AMRUT City</i>	<i>Project Performance- 60%</i>	<i>Reform performance – 40%</i>	<i>Total</i>
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 to be taken:** *SHPSC may ratify the submission of the Reform claim by the State for 2017-18 and take note of the incentive received. SHPSC may also consider to sanction the distribution of reform incentive of 2017-18 to the mission cities as per the above break-down.*

**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 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.

<b>SEWERAGE/SEPTAGE SECTOR PROJECTS (Implementing by ULB)</b> <b>22 Projects (24 including Sub projects)</b>							
<b>Name of Project</b>	<b>Project Cost/ DPR cost (Cr.)</b>	<b>AS Amt. (Cr.)</b>	<b>AS Date</b>	<b>TS Amt (Cr.)</b>	<b>TS Date</b>	<b>Tendering</b>	<b>Remarks</b>
<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
<b>KOLLAM - 04 Projects</b>							
Septage Treatment plants	12.66	12.66	22-02-2018	9.8	22.08.2018 (Conditional)	In progress	NIT on 10.12.2018
Septage Treatment Plant at Andamukkam							3 sub projects of 100 KLD plants at 3 locations. (As accorded as single project of 12.66 cr.)
Septage Treatment Plant at Vasoorichira							
Septage Treatment Plant at Karikkuzhi Ela							
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.
Sewer network- Replacement of damaged network and laying of balance network, Construction of Pumping Station at Sarpakuzhi sub Zone of A1 Part 1 Continuation							
Sewer Network- Replacement of damaged network and laying of balance network, Construction of Pumping							

Station at Sarpakuzhi Sub Zone of A1 Part 1 continuation							
Name of Project	Project Cost/ DPR cost (Cr.)	AS Amt. (Cr.)	AS Date	TS Amt (Cr.)	TS Date	Tendering	Remarks
2	3	4	5	6	7	8	9
ALAPPUZHA- 03 Projects							
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
Sewage treatment Plant at general hospital Alappuzha 240 KLD -Phase 2			1.01.2018				
De-centralised Septage treatment plant at Alappuzha Municipality	6.64						DPR will be ready by 26.12.2018
KOCHI- 03 Projects							
De-centralised Sewerage System Phase 1	44.56	44.56	23.12.2017	43.454	11.09.2018	In progress	NIT on 22.12.2018
De-centralised Sewerage System Phase 2			23.12.2017		11.09.2018		
De-centralised Sewerage System for 1-5 divisions	38.78						DPR to be prepared by IPE Global. Land issues will be sorted out in the next Corpn. Council.
GURUVAYUR - 01 Projects							
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							
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
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
De-centralised 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
De-centralised Sewerage Scheme for Thrissur Corporation- Phase2			01.01.2018				
PALAKKAD- 03 Projects							
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
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.

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
Name of Project	Project Cost/ DPR cost (Cr.)	AS Amt. (Cr.)	AS Date	TS Amt (Cr.)	TS Date	Tendering	Remarks
2	3	4	5	6	7	8	9
<b>KOZHIKODE - 02 projects</b>							
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
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.
<b>KANNUR- 02 Projects</b>							
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
Providing de-centralised 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 to be taken:** *SHPSC may deliberate on the above topics and suitable decision may be taken regarding the mode of selection on the following: -*

- I. *To appoint an Agency for third-party quality monitoring mechanism.*
- II. *To appoint a Reputed Consultant / Accredited Agency etc, for effective project management support of and septage projects*

**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:

Position	Proposed Team in Bid Name	Qualification	Experience	Proposal for Replacement	Qualification	Experience
<b>TEAM LEADER</b>	Uday Chimarrao 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.	<b>S. HARIS</b>	<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.
<b>TECHNICAL EXPERT</b>	P D Karkhanis	<ul style="list-style-type: none"> <li>M Tech (Environment science and Engg.</li> <li>BTech(Civil).</li> </ul>	26 years of experience in WAPCOS from Engineer trainee to Chief Engineer.	<b>D. MOHANDAS</b>	<ul style="list-style-type: none"> <li>B.TECH (Civil )</li> </ul>	19 years of experience in <u>PWD</u> , <u>KSHRI</u> , <u>KSIDC</u> , <u>CED</u> & <u>WAPCOS</u> from Engineer to Senior level expert
<b>TECHNICAL EXPERT</b>	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	<b>NAHAS N MOIDEEN</b>	<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.
<b>TECHNICAL EXPERT</b>	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.	<b>ABDUL LATHEEF. K. V.M</b>	<ul style="list-style-type: none"> <li>Bachelor of Engineering (Civil).</li> <li>M.Tech (Geo Technical Engineering).</li> <li>MCA and MBA in Project Management.</li> </ul>	30 years of experience in <u>KWA</u> , <u>OMAN</u> from Asst. Engineer to Executive Engineer.

<b>TECHNICAL EXPERT</b>	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.	<b>SREEDHARA PANICKER RATHISH</b>	<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.
<b>TECHNICAL EXPERT</b>	Debendra Kumar Mohanty	BE(Mechanical)	24 years of experience in WAPCOS and HYUNDAI UNIT tech from Quality control Engineer to Deputy Chief Engineer	<b>K.S. BABU</b>	<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</u> , Hospital, Engineering College from Asst. Engineer to Supt. Engineer

**Decision to be taken:** *SHPSC may take a suitable decision on the revision in staffing schedule proposed by M/s. WAPCOS with intimation to MoHUA.*

**Sd/-  
Additional Chief Secretary,  
LSGD**

**Approved for issue**

**Mission Director, AMRUT**