

13th STATE LEVEL HIGH POWERED STEERING COMMITTEE (SHPSC)

AGENDA NOTES



Date :

Venue: Committee Room of the Chief Secretary

Local Self Government Department, Government of Kerala

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Agenda No.1: APPROVAL OF MINUTES OF THE 12th MEETING OF SHPSC.

The minutes of the 12th SHPSC meeting of AMRUT held on 31st October 2017 is enclosed as ***Annexure - I***

Decision to be taken

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

Agenda No.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 12th MEETING OF SHPSC

AGENDA & DECISION 2.3:Energy Audit for Water Systems

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

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

Action taken: The Mission Director vide Ltr No.14/17/SMMU/PM dated 23.10.2017 requested to the Managing Director of Kerala Water Authority to expedite the issue.

A meeting was arranged by Mission Director on 4th November 2017 in the Chamber of Principal Secretary, LSGD attended by Kerala Water Authority and EESL, in which MD, KWA has agreed that the draft of the tripartite agreement will be issued within 4 days to Principal Secretary, with copies to all parties of the agreement. As there is no response received from KWA, a reminder letter is also issued to KWA on 24.11.2017 and the reply is still pending.

AGENDA & DECISION 10: APPOINTMENT OF DEPUTY DIRECTOR (PROJECTS)

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

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

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

Action taken: The Mission Director convened a meeting with the nominated officer Smt. Aswathi Vasudevan, Asst. Engineer, LSGD on 24.10.2017 and she expressed her willingness to take up the position. As such, a letter (reference SMMU/A/1/2015 dated 25.10.2017) has been submitted to the Principal Secretary requesting necessary orders to appoint Smt. Aswathi Vasudevan as Deputy Director (Projects) on working arrangement in AMRUT Scheme.

The Mission Director is now, awaiting final orders, from the Principal Secretary, LSGD.

AGENDA & DECISION 3: STATUS OF AMRUT MISSION

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

Decision :

1. *DPR Preparation of all projects shall be completed before 30th November 2017.*
2. *AS approvals of all SAAP projects shall be completed before 31.12.2017.*
3. *TS approvals of all SAAP projects shall be completed before 31.12.2017.*
4. *Work tendering process shall be completed before 31.01.2018.*
5. *The Chairman directed the Kerala Water Authority/ULBs/CMMU/SMMU in the Mission Cities to adopt fast track plans and procedures in all SAAP projects and update the progress on regular intervals to enable a continuous performance monitoring progress of the project and reporting to state and MoHUA.*

Action taken: Letters have been issued to the Hon'ble Mayors, Chairpersons, Secretaries of ULB and Kerala Water Authority, to fast-track the decisions 1 to 4.

Based on the request from the Mission Director to Hon'ble LSGD Minister, a review meeting was also convened by the Hon. Minister on 27.11.2017 at 2.30 pm with the Mayors/Chairpersons and the officials of AMRUT mission cities for evolving an action plan to solve the critical issues and fast track the implementation of AMRUT. Decisions taken in this regard is put up as an agenda for this meeting.

AGENDA & DECISION 3 A: Web Based Project Monitoring

The 11th SHPSC meeting has decided that a web based project monitoring system shall be developed with the help of National Informatics Centre or similar agency, enabling the tracking of well-defined milestones for each project under AMRUT.

Decision: *The web based project monitoring system need to be*

operational from 15.11.2017.

Action taken: Smt. Bhagavathy Iyer, IT cum M&E Expert has consulted Sri. Ajith Brahmanandan, Senior Technical Director and the team of National Informatics Centre and detailed the requirements. Further to this, the Mission Director and the Director of Urban Affairs also have interacted with the State Informatics Officer of NIC to customize the project monitoring tool (POINT) being developed by NIC to suit the requirements of AMRUT.

Several consultation meetings have been conducted with NIC officials and required data to develop the trial software / monitoring system has been provided to NIC and the software development in progress. NIC has requested for support personnel for the customization and maintenance of the AMRUT portal.

In addition to this, the Mission Directorate is regularly updating progress in the online monitoring portal of MoHUA which is helpful in assessing the State's present position.

AGENDA & DECISION 4: OPERATIONAL GUIDELINES FOR AMRUT PROJECTS

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

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

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

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

3. The payment modalities for the projects to be clearly defined in the Guidelines.

Action taken: The Mission directorate has finalized the operational guidelines incorporating the comments raised by the Committee and an amended version is attached under Annexure IV.

AGENDA & DECISION 5: ADMINISTRATIVE SANCTION OF DPRS

In the 12th SLTC held on 26.10.2017, 24 DPRs amounting to Rs. 66.40 Cr were reviewed and recommended to be placed before the SHPSC to accord Administrative Sanction (AS). The SHPSC discussed 24 projects in 6 ULBs and decided to accord Administrative Sanction to these projects.

Decision: *SHPSC directed to take immediate steps to expedite the process of issuing Government order for AS. After obtaining the Government order for AS, process of giving TS is to be expedited.*

Action taken: The Mission directorate has obtained Government order for AS vide. ref. 652/201/LSGD dated 13.11.2017.

Addl. AGENDA & DECISION. 2. Revised administrative sanction (as per the request from KWA) for Water supply and Sewerage Projects due to DSR Revision

Vide Letter No. KWA/JB/P-3/01/2016 dated 22.09.2017, the Managing Director, Kerala Water Authority has informed the Mission Director, AMRUT that KWA has prepared the DERs of Projects during November 2016 to February 2017 as per DSR 2014, but now the DSR has been revised and DSR 2016 has come into force. The MD, has requested whether KWA can go ahead with the Tendering process after updating estimates to the current DSR 2016 in anticipation of approval of the difference in amount on account of the revision.

Decision : *The 11th SHPSC had directed that the projects can be tendered based on the DSR 2014 rates as lower cap with contract award allowable at a maximum upper cap rate of DSR 2016. No deviations are accepted beyond DSR 2016 rates. KWA was directed to expedite the tendering. Updating on the status of tendering, the Secretary Water*

Resources informed that the estimates were being revised and contract will be awarded for all the 2015-16 water supply projects before 31st December.

Action taken: Communications were issued to KWA to adopt urgent fast track plans of issuing Technical Sanction, Projects Tendering and awarding etc. Reminded KWA to accelerate the tendering and awarding process of the TS accorded projects, as the same links with the release of SAAP III first installment from MOUHA. Meeting is also held with MD, KWA on 04.11.2017 at the Chamber of Principal Secretary and discussed these issues including the signing of tripartite agreement.

Vigorous actions are still awaited from KWA.

Decision to be taken:

The SHPSC may take note of the action taken report of 12th SHPSC meeting.

AGENDA No. 3: TRIPARTITE AGREEMENT WITH KMRL FOR URBAN TRANSPORT & PARKS PROJECTS IN KOCHI AND KOZHIKODE CORPORATIONS.

In the 7th SHPSC held on 14.07.2017, it was decided to formalize the tripartite agreements between the Secretaries of Corporations of Kochi & Kozhikode – Kochi Metro Rail Limited (KMRL) – The Mission Director, AMRUT towards the implementation of Urban Transport & Park Projects in Kochi and Kozhikode Corporations.

Accordingly, the draft tripartite agreement is prepared and submitted by KMRL to Mission Directorate and was presented before 13th SLTC for approval, prior to signing with ULBs and Mission Directorate.

The 13th SLTC held on 14.11.2017 has deliberated on the various conditions proposed by KMRL in the agreement and provided its decision as below:.

3.1 Payment of Project Cost

KMRL requires that “*The Secretaries of ULB shall release 50% of project cost as advance to KMRL on signing of contract agreement with the contractor selected for the project. Balance amount will be released to KMRL depending on the progress of work as per agreed mile stones and partial utilization certificate from KMRL*” .

The 13th SLTC has no objection on the above, subject to the final approval from this SHPSC.

3.2 Payment schedule of PMC / Centage charges

PMC/Centage charges suggested by KMRL are:

Milestone 1	1 st Week of November 2017	Signing of MoU /agreement	20% of total remuneration + GST
Milestone 2	1 month from milestone 1	Preparation and submission of DPR	20% of Total Remuneration + GST
Milestone 3	15 Days from milestone 2	Issuing AS and TS	10% of Total Remuneration + GST
Milestone 4	2 months from milestone 3	Tendering and selection of contractor	20% of Total Remuneration + GST
Milestone 5	12 months from milestone 4	Construction supervision and completion of Projects	30% of Total Remuneration + GST on completion of the project.

13th SLTC’s recommendations are:

Milestone 1	Signing of MoU /agreement	20% of total remuneration + GST
Milestone 2	Approval of DPR, Issuing AS and TS.	20% of Total Remuneration + GST

Milestone 3	Tendering, selection of contractor and agreement signing	10% of Total Remuneration + GST
Milestone 4	<p>Construction supervision and completion of Projects</p> <p>a) 1st installment - 20% on achievement of 50% of project progress.</p> <p>b) 2nd installment - 20% on achievement of 90% of project progress.</p> <p>c) 3rd installment - 10% on final completion of the project</p>	50% of Total Remuneration + GST

3.3 Centage charges payable to KMRL

KMRL has proposed centage charges, varying from 5 % to 8 % based on the cost of individual projects.

However, 13th SLTC observed that, as per the G.O. 1 and 2 (given below), the centage charges should be between 3.25 % and 5% based on the total project cost. GO No. 1. GO (P) No:311/2014/Fin dated 30.07.2014 and GO No. 2. GO (P) No:61/2017/Fin dated 09.05.2017

As there is a dispute in the issue, 13th SLTC has decided that the matter may be placed before this SHPSC for review and approval. Also, SLTC directed the ULB engineering wing to render end to end support for small projects with cost less than Rs.50 lakhs and to take KMRL services only for the larger projects with cost more than Rs.50 lakhs.

Decision to be taken:

SHPSC may discuss the terms of agreement and take appropriate decisions on the following:

3.1 Final approval on 50% advance payment of contractor's project cost.

3.2 Final approval on interim payments of centage charges.

3.3 Final approval on % of centage charges for end to end support.

Agenda No. 4: ADDITIONAL STAFF PROPOSAL BY KERALA WATER AUTHORITY FOR AMRUT PROJECT IMPLEMENTATION

In the recent SHPSC and SLTC meetings, KWA has expressed that one of the challenges in AMRUT Project implementation process, is the shortage of staff to handle the AMRUT project exclusively. The officials informed that minimal staff issue is hindering DPR preparations, TS accordance, Tender preparation, Work Awarding process, Project Implementation etc.

In observance to the above, the SHPSC and SLTC have sought proposal for additional staffing as part of the strengthening of the implementation team exclusively for AMRUT Projects.

Based on that, the Managing Director, KWA has submitted their proposal vide reference No. KWA/JB/P-III/27/2017 Part I dated 28.11.2017 to the Mission Director, for additional staff required in 111 water supply projects (1221.78 Cr) in 9 ULBs undertaken by KWA and is 79 Nos @ 2 years, amounting to Rs. 5.26 Cr. (Annexure V)

The SLTC has recommended the following modified proposal, for additional staffs to KWA:

Department	AMRUT Project Amount (Cr)	Additional Staff requirement (Nos)	Additional Staff Cost (Cr)	% fee against project cost
KWA	1221.78 Cr	67 for 2 years (23 Project Engineers @ Rs.32,500 monthly & 44 Supervisors @ Rs.25,000 monthly)	4.434	0.363 %

Decision to be taken:

SHPSC may take final decision on additional staff proposal submitted by KWA.

Agenda Item No. 5: DECISIONS TAKEN BY THE HON'BLE MINISTER OF LSGD IN AMRUT ACTION PLAN MEETING HELD ON 27.11.2017, 2:30 PM AT HIS CHAMBER.

The Hon'ble Minister has convened a meeting on 27.11.2017 at 2.30 pm in his chamber to evaluate the present progress of AMRUT projects and its relative performance with other states in India.

Having found out that Kerala's performance drastically low, the Hon'ble Minister has expressed his displeasure and urged the following immediate steps to be implemented after discussions in the SHPSC meeting:- (*Annexure VI*)

1. Fast track plans by KWA, ULB, Mission Directorate, LSGD Engineering wing, Urban affairs department etc... for joint co-ordination and effective implementation of the project within the approved timeline.
2. Urban affairs director shall monitor the progress of the project and issue necessary direction from time to time to ULB Secretaries and display the project status update in website.
3. Urgent steps shall be taken up by water authority for issuing technical sanctions, tendering, work award etc.. and a separate team shall be delegated for this task.
4. The current TS according system by Technical Expert Committee (Parks and Urban Transport projects) induces considerable delay and hence to be changed. Therefore, in Municipalities, the technical Sanction shall be granted by the Executive Engineer level to Rs.50 lakhs and, in Corporations, the TS sanction shall be granted by the Superintending Engineer up to Rs.2 Crores. For projects above Rs.2 crores, the TS sanction shall be granted by the LSGD Chief Engineer. This shall apply to all Storm Water Drainage, Urban Transport and Parks projects.
5. The Mission Directorate shall provide a report on the delay by KWA in water supply project implementation.
6. To bring in better competition and professionalism, consultants for DPR preparation may be chosen through open tender, in addition to the empanelled list of LSGD.

7. There is lack of engineering and supporting staff in the mission cities and KWA for implementing AMRUT project. So proposals have to be taken from LSGD Engineering Wing and KWA regarding additional manpower required.
8. Mission Directorate shall conduct review meetings with each ULB and report shall be submitted.
9. DPR preparation of all projects shall be completed before December 15, 2017.

Decision to be taken:

SHPSC may issue sanctions to implement the Hon. Minister's decisions

Agenda No. 6: UPDATE ON AMRUT MISSION PROGRESS

379 projects have to be completed by 2020. Current status is detailed below.

Amount (In Cr)

SAAP	No of projects	Amount	DPR prepared		AS accorded			TS accorded		Contract awarded	
			No of projects	Total cost	No of projects	Total cost	Balance AS	No of projects	Total cost	No of project	Total cost
2015-16	100	587.99	86	463.55	80	402.86	55*	51	254.12	22	20.1
2016-17	122	796.06	100	609.91	82	492.32		-	-	-	-
2017-18	157	973.64	110	548.67	79	362.82		-	-	-	-
TOTAL	379	2357.69	296	1622.13	241	1258		51	254.12	22	20.1

* Out of 55 projects, 48 projects are recommended by SLTC for final approval from the SHPSC and the remaining 7 projects are directed to be reworked.

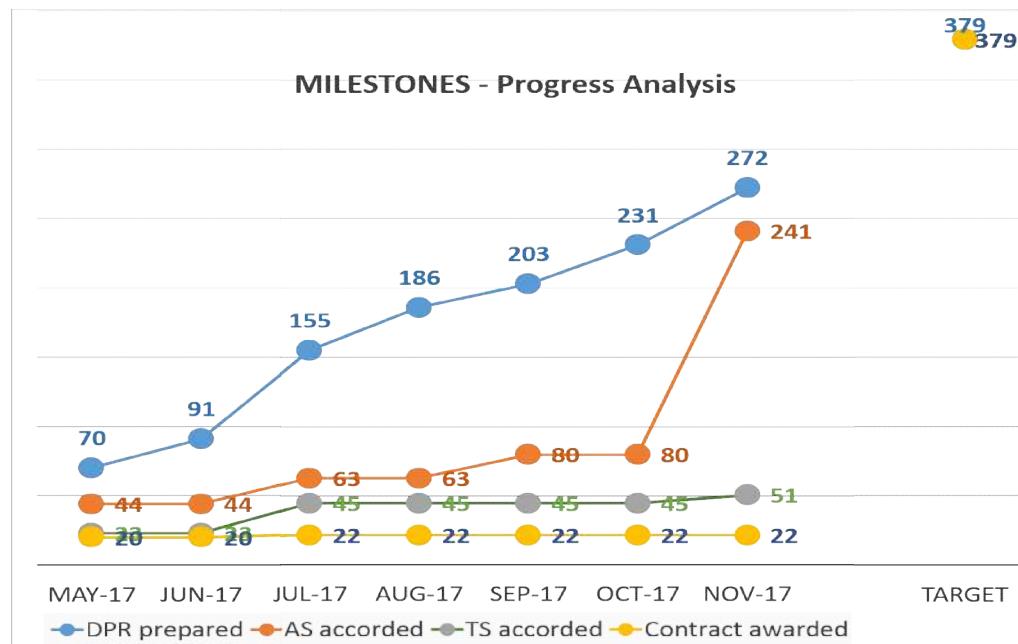
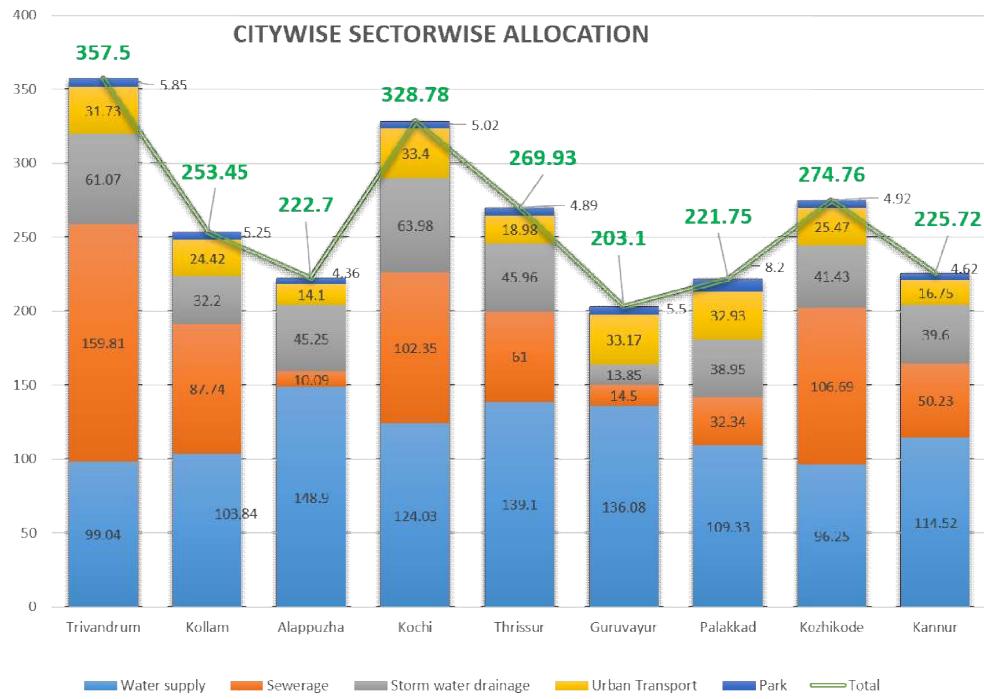
Progress since last SHPSC on 31.10.2017

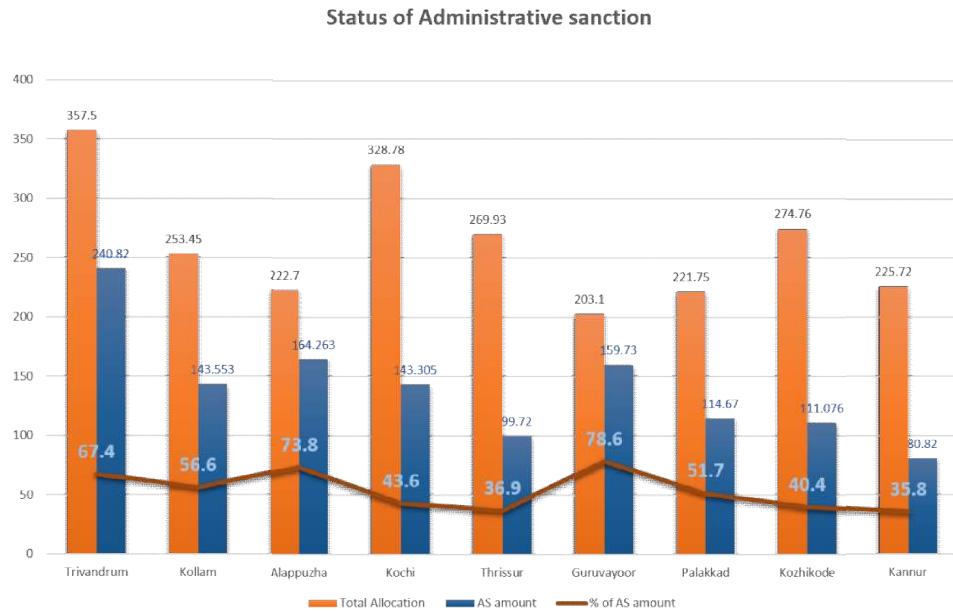
No. of DPRs prepared – from 255 (Rs. 1294.54 Cr) to 296(Rs. 1622.13Cr)

No. of projects approved – from 241 (Rs. 1258.00 Cr) to 289 (Rs. 1584.07 Cr)

The status of DPR preparation process city wise is given below

Name of ULB	Water Supply			Sewerage/ Septage Management			Storm Water Drainage			Urban Transport			Open Space /Parks			City Wise Total		
	Total	Prepared	Balance	Total	Prepared	Balance	Total	Prepared	Balance	Total	Prepared	Balance	Total	Prepared	Balance	Total	Prepared	Balance
Trivandrum	7	6	1	23	19	4	11	8	3	8	1	7	4	2	2	53	36	17
Kollam	8	8	0	6	0	6	4	4	0	9	9	0	5	5	0	32	26	6
Alappuzha	3	3	0	3	0	3	3	2	1	5	5	0	6	6	0	20	16	4
Kochi	19	19	0	4	2	2	19	6	13	10	2	8	6	1	5	58	30	28
Thrissur	21	17	4	4	0	4	3	2	1	5	4	1	6	1	5	39	24	15
Guruvayoor	6	5	1	2	0	2	3	3	0	3	3	0	5	1	4	19	16	3
Palakkad	14	14	1	2	1	1	56	56	0	21	18	3	18	18	0	111	107	4
Kozhikode	4	3	1	3	1	2	5	5	0	2	0	2	10	10	0	24	19	5
Kannur	9	9	0	2	1	1	3	3	0	2	2	0	7	7	0	23	22	1
Total	91	84	7	49	24	25	107	89	18	65	44	21	67	55	12	379	296	83





Timeframe for activities defined at the last SHPSC

- *DPR Preparation of all projects except those by KWA shall be completed by 30.11.2017*
- *DPR Preparation of all projects by KWA shall be completed by 15.12.2017*
- *AS approvals of all SAAP projects shall be completed by 31.12.2017.*
- *TS approvals of all SAAP projects except water supply shall be completed by 31.12.2017.*
- *Water Supply projects shall be accorded TS by 15.01.2018*
- *Tendering and Contract awarding to be completed by March 2018*

Decision to be taken : As there is a lag, the SHPSC may re-evaluate the progress update of the Mission and advice on the new strategies to be adopted for fast tracking the project management, implementation and monitoring.

Agenda No. 7: ADMINISTRATIVE SANCTION OF DPRS

In the 13th SLTC held on 26.10.2017, 15 DPRs amounting to Rs. 58.07 Cr (Table 4.1) were reviewed and recommended to be placed before the SHPSC to accord Administrative Sanction (AS).

In the 14th SLTC held on 05.12.2017, 33 DPRs amounting to Rs. 268 Cr (Table 4.2) were reviewed and recommended to be placed before the SHPSC to accord Administrative Sanction (AS).

Table 4.1 (13th SLTC Projects – 15 Nos, Rs.58.07 Cr)

SI No.	Project Name	Project Cost in Cr.
URBAN TRANSPORT – 5 projects (22.54 Cr)		
Thrissur – 4 projects (Rs. 15.13 Cr)		
1.	FOOT PATH PHASE-1 (2015-16)	4.08
2.	FOOT PATH PHASE-2 (2016-17)	3.78
3.	Subway (2017-18)	1.53
4.	Skywalk (2016-17)	5.74
Kannur Corporation – 1 Projects (Rs. 7.41 Cr)		
5.	Construction of new footpath with handrails and cycle track (2016-17)	7.41
PARKS AND OPEN SPACES – 6 Projects (Rs. 3.18 Cr)		
Kannur Corporation – 6 projects (Rs. 3.18 Cr)		
6.	Rejuvenation of SN Park (2015-16)	1.10
7.	Rejuvenation of Babu Rajendra park. (2016-17)	0.59
8.	Rejuvenation of Avera Gramamandiram park. (2016-17)	0.41
9.	Renovation of Kappad Sisumandiram park (2017-18)	0.41
10.	Development of New Payyambalam park (2017-18)	0.45
11.	Development of Anakulam park (2017-18)	0.24
WATER SUPPLY – 4 projects (Rs. 32.35Cr)		
Kannur Corporation – 2 projects (Rs.19.35 Cr)		
12.	Laying new distribution line and providing new service connection at Elayavoor zone (2017-18)	8.00
13.	Rehabilitation of existing old distribution network, valves, house service connection and inter-connections with existing lines and providing flow meters etc., including road reformation charges (PWD/NH/Corporation) (2017-18)	11.35
Palakkad Municipality – 2 projects (Rs.13.00 Cr)		
14	Construction of OHSR 2 Nos , total 76.5 LL capacity (2017-18)	11.56
15.	Replacement of Raw water and clear water pump sets (2017-18)	1.44

Table 4.2 (14th SLTC – 33 Nos, Rs.268.00 Cr)

Sl No	Name of Project	Amount in Crores
Green space & Parks		
Palakkad		
1	Vandhana Park	0.2
2	Rose Garden park	0.25
3	Gandhinagar Park	0.2
Kollam		
4	Corporation Park	0.401
Kannur		
5	Development of Chelora park	1.4
		2.45
Urban Transport		
Kollam		
6	MLCP	10.400
Kannur		
7	Multi Level Car parking complex at 1. Stadium premises 2. Thalikkav 3. Bank road	9.34
		19.74
Water Supply		
Guruvayur		
8	WSS to Guruvayur Municipality in Trissur Dist. Balance distribution network in Guruvayur Municipality	19.68
Palakkad		
9	Providing Rider main pipe lines for proper zoning (500/450/400/350 mm DI(From 3 zonal OHSRs)) – 15 Km	15
10	Providing 160mm PVC - 30 Km for taking Water Service Connection (Both sides of road) and changing of connections	5.88
11	Providing Rider main pipe lines for proper zoning (500/450/400/350 mm DI(From 3 zonal OHSRs)) – 13 Km	13
12	Providing 160mm PVC - 38 Km for taking Water Service Connection (Both sides of road)	5.4

13	Replacement of Existing AC pipe lines to DI/PVC pipe lines 150/200/250mm DI-K9 – 6 km	3.3
14	Providing water connections to all to eliminate public taps & to reduce NRW: 9000 Nos	6.75
15	Adding excess amount Rs. 5 Cr. To the above projects from the approved SAAP cost of 2017-2018. Construction of OHSR 2 Nos, 37 LL, 23.50LL capacity-14 Crores and Replacement of raw water and clear water pumpsets-4 Crores. DPR cost of two projects Rs. 14 Crores	5

Kannur

16	Rehabilitation of existing old distribution network, valves, house service connection and inter-connections with existing lines and providing flow meters etc., including road reformation charges (PWD/NH/Corporation)	8.6
17	Laying new distribution line 385km and providing new service connection	5.7
		88.31

Sewerage and septage

Kannur

18	Septage treatment plant at Chelora	3.42
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Kochi

19	DECENTRALISED SEWERAGE SYSTEM FOR DIVISION 15,16, &17	13.78
20	DECENTRALISED SEWERAGE SYSTEM FOR DIVISION 15,16, &17	30.78

Palakkad

21	Septage treatment plant	3.41
		51.39

Storm Water Drainage

Kollam

22	Uliyakovil Area Phase IV	0.15504
	Kuttichira-Kilikolloor Area	1.28112
	Mangad-Arunoottimangalam-Karikkodu Area	0.16014
	Thangasserry Area	0.5865
	Sakthikulangara Area	0.74868
	Vadakkevila-Eravipuram Area	2.08896
	Mundakkal Area	0.2142
	Kavandu area	1.5963

		6.83
Kannur		
23	Construction/rejuvenation of drains.	11.13
24	Construction of new primary drains, secondary drains and rejuvenation of primary drains	12.6
25	Construction and rejuvenation of primary drains & secondary drains at1. Thottadathodu and connecting drains2. Varam, varam vayal, Katampallipuzha and connecting drains3. sea shore structures as per the requirement at Payyambalam, Aayikkara, Mukkadav, Kadallai areas for eliminating sand deposits	15.87
Alappuzha		
26	Alappuzha Municipality Various Wards	
	WARD 13 - Palace	
	THAZHAPARAMB TEMPLE THODU	2,605,354.00
	POIKKARAMPARAMBU	1,331,509.00
	DRAIN JOINING KOTTARAM THODU	4,496,735.00
	CHARUNTHARA THODU	9,274,268.00
	SNDP THODU	4,395,465.00
	KARUKPARAMB)	929,478.00
	WARD 15 -Jillakodathi	
	MALIKAYIL THODU	3,600,892.00
	RAMADA HOTLE JUNCTION TO PUNNAMADA BACKWATERS	842,414.00
	OPPO.RAMADA CONTINUATION OF EXISTING DRAIN	2,734,254.00
	VALAPPIL THODU	882,947.00
	PALLIKKANDATH TO	3,751,889.00
	METHASSERY	
	FINISHING POINT TO VADACANAL	3,348,366.00
	WARD 16 -Thathampally	
	MADATHIPPARAMBIL TO KOLLAPPALLI THODU	3,161,236.00
	KANIYAMPARAMBU THODU	3,401,794.00
	DRAIN NEAR PUNIYIL ROAD CULVERT	1,689,341.00
	VATTAKKAYAL THODU	3,412,649.00

	PONVELIL TEMPLE ROAD THODU	7,412,431.00
	WARD 42- Railway Station	
	SN KAVALA ROAD CULVERT TO	3,981,309.00
	RAILWAY SATION ROAD CULVERT	
	BOUNDARY CANAL BETWEEN	2,481,901.00
	KUTHIRAPANTHY AND RAILWAY	
	STATION WARD	
	DRAIN JOINING AYYAPAN POZHI	2,257,127.00
	sub Total	6.35
27	WARD -5 KOTTAMKULANGARA	
	KALATH CHERUKARA ROAD TO KARALAKOM PADDY FIELD	15,214,906.00
	WARD -6 PUNNAMADA	
	KPRA HOUSE NO 74 TO PUNNAMADA	1,247,319.00
	KOTTACHIRA TEMPLE WEST CULVERT TO NIKATHIL HOUSE	1,058,100.00
	KANNATHCHIRA TO PANACKAL THODU	8,760,554.00
	OPPOSITE PARATHARA CAR PARKING TO PUNNAMADA	1,860,376.00
	PUNNAMADA CHANDA THODU TO SN KALASAMITHI	4,085,789.00
	SN JANA SANG TO PUNNAMADA	3,468,773.00
	WARD -13 PALACE	
	POTHANTE IDAVAZHI THODU	1,549,210.00
	WARD -15 JILLAKODATHI	
	MANNISSEY THODU	982,577.00
	KANIYAMPARAMBU BRIDGE TO RAMADA HOTEL JUNCTION	3,114,669.00
	WARD -16 THATHAMPALLY	
	NEAR THATHAMPALLY SCHOOL	12,449,238.00
	WARD -17 KARALAKOM	

	NEAR HOLY FAMILY SCHOOL TO CHEMMOTH ROAD	1,553,697.00
	STARTING POINT TO SHORNUR CANAL ROAD	2,250,269.00
	DRAIN BEHIND VATIKAD SCHOOL	1,621,515.00
	THAIKKOOTTAM TO KARALAKAM PADAM (WARD 17 & WARD 19)	10,540,459.00
	WARD -18 AVALUKKUNNU	
	AVALOORMADAM TEMPLE GATE TO KARALAKAM PADAM	2,836,148.00
	OLD NSS KARAYOGAM THODU	621,534.00
	KAITHAVALAP BHARATH KRISHNA VILASAM ROAD TO VADA CANAL	892,118.00
	AVALOORMADAM THEKKE JUNCTION	1,490,501.00
	INDIRA JUNCTION	2,221,952.00
	WARD -19 KARUKAYIL	
	KADARVELI THODU-JOINING KARALAKOM PADAM	2,356,281.00
	WARD -22 MANNAM	
	DRAINS NEAR MANNAM SCHOOL	12,214,000.00
	WARD -23 KIDANGAMPARAMBU	
	DRAIN NEAR KIDANGAMPARAMBU TEMPLE	1,515,697.00
	WARD -45SEA VIEW	
	DRAIN NEAR JAIN TEMPLE & UNITED CLUB TO CHANDAKKADAVU IN SEA VIEW WARD	10,767,306.00
	WARD -39 GURUMANTHIRAM	
	KUNNEL THODU	1,647,240.00
	VAYALAR AREA	2,457,085.00
	WARD -40 VADACKAL	
	RAILWAY CROSS EAST-VADAPOZHI	6,021,836.00

	MATHYAGANDHI-VADAPOZHI	2,434,364.00
	VADAKKEKKARA THODU (VADAPOZHI NORTH BRANCH)	3,431,755.00
	WARD -41 BEACH	
	NEAR MALGAR BRIDGE	1,739,226.00
	PAPANAGAR- 2	2,498,428.00
	DRAIN JOINING VADAPOZHI	3,179,761.00
	WARD -43 ZACHARIYA BAZAR	
	ZACHARIYA JUNCTION	2,588,600.00
	Sub Total	13.07
Kochi		
28	1.RAMESWARAM CANAL	2.58
29	2.MANTHRA CANAL	1.25
30	3.PANDARA CHAL CANAL	3
31	4.PALLICHAL CANAL	0.64
	Thrissur	
32	WARD 20	
	Shastri Lane Road-1	2524700
	Shastri Lane Road-2	2025046
	Mannuthy-Palakkad Main Road	25564005
	Sub Total	30113751
WARD 28		
	C V Kochunni Road	3222613
	Ancheri- Perivankulangara Road-1	1353772
	Ancheri- Perivankulangara Road-2	3025547
	Ancheri- Perivankulangara Road-3	2697954
	Netaji Road- Motherland Road-1	7525904
	Netaji Road- Motherland Road-2	1808788
	Netaji Road- Motherland Road-3	814147
	Shanti Road	5206344
	Puthanangadi Road	2528502
	Kundolipadam Road	859712
		29043283
WARD 33		
	Pattala Kinar Road end-Alumvettuvazhi Road	5270936
	Alumvettuvazhi Road-Essykunnu pond -- Water Tank Road	13550159
	St. Johns Street-1	1595153
	St. Johns Street-2	243903
	St.Joseph Model School	2977820
	Pattala Kinar Road	5948854

		58630108
	WARD 34	
	Koorkanchery-Chiyyaram Road	3036257
	South Pentark Flat -Elite Mission Hospital	5460849
	Thankamani Bus Stop-Meghana Apartment	2962602
	Metropolitan Hospital-Baliya Thodu-1	1445111
	Metropolitan Hospital-Baliya Thodu-2	3790318
	Post Office-Baliya Thodu	4765833
	Post Office, LIC Junction	7220158
	Shakthan Magar	10628793
		39309921
	WARD 35	
	West Side of Sakthan Bus Stand	2508297
	Mundupalam Junction -Avenue Road- Aristo Road-1	3064935
	Mundupalam Junction -Avenue Road- Aristo Road-2	6204687
	St. Joseph School-Cemetery Road-1	7858709
	St. Joseph School-Cemetery Road-2	6526852
		26163480
	WARD 38	
	Jayalaksmi-Railway Station	3306229
		16.23
33	WARD 1	
	RAMNAGAR RD	3,08,944
	RAMNAGR COLONY RD	44,89,140
	RAMNAGR COLONY RD2	7,84,251
	RAMNAGR COLONY RD3	4,63,404
	RAMNAGR COLONY RD4	14,91,109
	SRIRAMA TEMPLE RD	71,81,735
	MANGOBAKERY- SHAKTANKULANGARA RD	34,55,938
	TEMPLE AVENU RD	2,16,340
	UDAYANAGAR NO9	24,18,059
	JAYAPRAKASH RD	16,90,719
	JAYAPRAKASH LANE	9,17,743
	KURUVATH LANE	57,09,546
		2,91,26,930

WARD 4		
	VIYYUR COMPANYPADI-MANALARUKAVU TEMPLE ROAD	2,41,15,243
	POWER HOUSE-VIYYUR JAIL-PADUKKADU	
	POWER HOUSE-VIYYUR JAIL-PADUKKADU 2	
	POWER HOUSE-VIYYUR JAIL-PADUKKADU 3	
	VIYYUR ADUTHODU	71,62,045
		3,12,77,288
WARD 5		
	TSR GOVT ENG COLLEG ROAD 1	3,17,44,368
	TSR GOVT ENG COLLEG ROAD 2	
	VIYYUR COMPANYPADI-VIYYUR BRIDGE	25,02,363
	PERINGAVU-CHEROOR RD	22,89,875
	VIYYUR PANDIKKAVU-PERINGAVU CANAL	29,65,584
		3,95,02,191
WARD 9		
	CHEROOR SCHOOL-CHERUTTA RD	44,59,059
	KUTTUMUKKU RD	14,06,096
		58,65,154
WARD 20		
	PARAVATTANI NELLIKUNNU RFD	36,53,260
	PARAVATTANI NELLIKUNNU JN RD	40,81,196
	JESUS LANE RD	43,01,234
	ALUKKA ANGADI RD	12,63,403
	ALUKKA ANGADI RD2	13,91,518
	ALUKKA ANAGDI RD3	5,84,794
	JESUS LANE RD	2,02,331
	NAZERTH ANGADI RD	17,29,520
	NAZERTH ANGADI RD2	17,85,228
	NELLIKUNNU PARAVATTANI RD	62,13,415
		2,52,05,898

WARD 23		
	PC THOMAS RD	1,21,43,989
	PALLIKULAM RD	9,84,087
	UNIT RD 1	3,37,946
	UNIT RD 2	20,62,481
	MOTHER THERESA RD	2,21,331
	THOTTATHIL LANE 1	6,13,498
	THOTATHIL LANE 2	72167
	THOPPE STADIUM RD	5,13,769
	THOTTANPETTA RD	4,28,141
		1,73,77,409
WARD 31		
	SEVANA NAGAR RD	9,36,071
	OLLUR CHURCH-PADINJARE ANGADI POND	99,29,612
	CONVENT ROAD	38,29,865
	PALLINADA ROAD	10,00,592
	PALLINADA ROAD 2	15,72,330
		1,72,68,471
		16.56
		106.11
	Grand Total	268.00

Decision to be taken

The SHPSC may consider according Administrative Sanction to the 48 projects worth Rs 326.07 Cr recommended by 13th SLTC held on 26.10.2017 and 14th SLTC held on 05.12.20017 (SLTC minutes enclosed as Annexures II&III)