

Minutes of the 24th State Level High Powered Steering Committee (SHPSC) of Atal Mission for Rejuvenation and Urban Transformation (AMRUT) held on 27th May 2020 at 04.00 pm in the Committee Room of the Chief Secretary, Government of Kerala.

The meeting of the 24th State Level High Powered Steering Committee (SHPSC) of AMRUT chaired by Shri. Tom Jose IAS, Chief Secretary, Government of Kerala, commenced at 04:00 pm. (*List of Participants - Enclosure- 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 23rd meeting of SHPSC

Decision: *The Committee approved the minutes of 23rd meeting of SHPSC held on 04th February 2020 (Enclosed as Annexure 1).*

Agenda Item No. 2. Action taken report on the decisions of the 22nd SHPSC.

Agenda Item	Decision Taken	Action Taken	24 th SHPSC Comments / Decision
2.1: Decision of 23rd SHPSC on 22nd SHPSC ATR			
2.1.1: Revision of AS for Kochi – Sewerage Sector – Rehabilitation of 5MLD STP plant at Elamkulam	<p>The Committee agreed to allow KWA to award & continue with these works. However, strict instructions were given that hereafter all tender approvals shall be submitted with comparison of LMR & complying with prevailing Govt. orders.</p> <p>SHPSC expressed displeasure on the action of KWA issuing work order before obtaining revised GO (AS revision) for the works. Hence the Committee directed MD, KWA to inspect the records, submit a detailed report regarding the justification for this action.</p> <p>For Items No. 2.1.5.3 Technical Member, KWA informed that the KWA Board meeting held on 27.01.2020 had decided to retender the work. SHPSC directed KWA to expedite the retender process.</p>	MD's report	<p>Mission Director, AMRUT informed that the report has been received from Managing Director, KWA on 26-05-2020 and explained the contents)</p> <p>Committee took note of the same</p>
2.1.2: Construction of Sewerage Pump House at Edathara in Thiruvananthapuram ('Sewerage pump house at Edathara in Thiruvananthapuram Corporation')			
2.1.3: Providing new networks (Sewerage facility in the Kalladimuzham Housing Colony)			
2.1.4: Providing sewer trunk main from Kazhakootam area to Pumping Station of Block-I through the bank of ThettiyarThodu - collection & conveyance system, pumping station, pumps & electrical installation and pumping mains'			
2.1.5: Laying transmission main & sewer networks in Block-L Edathara - Collection & Conveyance System (6 components – 3 components not yet awarded & other 3 components are as shown below).			



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Agenda Item	Decision Taken	Action Taken	24 th SHPSC Comments / Decision
2.1.5.1: Laying trunk main from silting chamber at Pulayanarkota to MH-10 of pumping station at Edathara 2.1.5.2: Supply & laying trunk main from silting chamber at Udaya Garden to MH-89 2.1.5.3: Laying sewer network in L block (Edathara) from MH110 to MH 150			
2.2: AMRUT-Release of 3rd Instalment (40%) of SAAP-I, II & III			
The release of 3rd instalment (40%) of SAAP is based on the utilization of total minimum of 75% of the overall release (SAAP-I, II & III). As per the OM K-16015/2018-AMRUT-1B dated 06.02.2018, a set of documents are required for the release of 3rd instalment of Central assistance under SAAPs. MoHUA had released an amount of Rs.57.6 Cr., Rs.77.28 Cr. & Rs.97.36 Cr. against SAAP-I, II & III respectively with a total Central share of Rs.232.24 Cr. to all SAAPs. As per OM K-16015/22/2017-AMRUT-1B dated 28.08.2019, 2nd instalment of SAAP-I, II & III (40% of awarded works) Rs.194.74 Cr. was released by Government of India. The table below illustrates that the State's eligibility to claim the 3rd instalment of all three SAAPs as stipulated by MoHUA for claiming the release for the next instalment. State has achieved more than 75% of 1st & 2nd instalments released. Present position of Kerala in all India ranking is 22 nd .	The SHPSC recommended the release of 3rd instalment of SAAP-I, 2 & 3 (Rs.414.75Cr.) & directed SMMU to submit the same to MoHUA at the earliest	<i>Document under preparation.</i>	Noted
2.3: Works being implemented by ULBs			
2.3.1: Kollam Corporation - Urban Transport - Multi Level Car Parking (MLCP): Approval of 4.9% Tender excess and Revised AS for the work.	SHPSC approved the tender excess of 4.9% above the tendered PAC and revised the Administrative Sanction for Rs.10.91Cr	GO awaited. Work yet to be awarded	Noted
2.3.2: Kochi Corporation -Sewerage Sector -Decentralized Sewerage System for Division No:15, 16 &17:Decision on Tender excess (57.79%, 30.71% & 48.83%)& Revision of AS for the work	SHPSC directed to retender the work as the rates quoted by the Contractors were high. The retender shall be done as National Competitive Bidding & newspaper advertisements of NIT to be widely published including Metropolitan cities in South India viz. Chennai, Bangalore, Hyderabad etc.	Work retendered.	Noted



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Agenda Item	Decision Taken	Action Taken	24 th SHPSC Comments / Decision
2.3.3: Kozhikode Corporation –Storm Water Drainage – Mavoor Road North Side drain): Approval of Revised AS for the work and sanction to execute the additional works through the same contractor.	SHPSC approved the revision of Administrative Sanction to the work for Rs.3.90Cr. & sanctioned to execute the additional works costing Rs.1.716Cr. through the same Contractor.	Work under progress	Noted
2.3.4: Kozhikode Corporation – Sewerage Sector – Decentralized Sewerage treatment plant and associated sewerage network for Zone-A: Decision on Tender Excess (Package A- 53.27% & Package B- 54.17%) & Revised AS for the works.	SHPSC directed to retender the works as the rates quoted by the Contractors were high. The retender shall be done as National Competitive Bidding & newspaper advertisements of NIT to be widely published including Metropolitan cities in South India viz. Chennai, Bangalore, Hyderabad etc.	Work retendered. Award of work placed in this SHPSC	Noted
2.3.5: Kannur Corporation –Storm Water Drainage - Construction/Rejuvenation of Drains - Sub Work- Construction/Rejuvenation of Padanna Phase II project: Approval of 9.89% Tender excess	SHPSC approved the tender excess of 9.89% (Rs.19.36 Lakh) above the tendered PAC which is within the approved Administrative Sanction	Work awarded	Note
2.3.6: Kannur Corporation –Urban Transport - Multi Level Car Parking (MLCP)- At Stadium Premises and Bank Road Approval of 9.9% tender excess and Revised AS for the work	SHPSC directed CE, LSGD to submit a detailed cost & technology comparison report of this work & other MLCP works being implemented in AMRUT. The Committee decided to finalize the rate of the tender excess of and above tendered PAC based on the report of Chief Engineer, LSGD	Chief Engineer, LSGD submitted a comparison report. Agenda placed in this SHPSC	Noted
2.3.7: Kollam Corporation –Request for Cancellation of Works	SHPSC approved the cancellation of above works in Kollam Corporation	Work cancelled.	Noted
2.3.8: Alappuzha Municipality – Request for Cancellation of Works	SHPSC approved the cancellation of above works in Alappuzha Municipality.	Work cancelled.	Noted
2.3.9: Palakkad Municipality –Request for Cancellation of Works	SHPSC approved the cancellation of above works in Palakkad Municipality	Work cancelled.	Noted
2.4: PROJECTS BEING IMPLEMENTED BY KWA			
2.4.1: Kozhikode Corporation – Water Supply Project: Rehabilitation of existing old pipes, valves and interconnections with existing lines - Phase II: Request for Revised AS for the work.	SHPSC approved the excess amount of Rs.0.87Cr. & revised Administrative Sanction of the work for Rs.15.50Cr. subject to the approval of Corporation Council.	Work under progress	Noted



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Agenda Item	Decision Taken	Action Taken	24 th SHPSC Comments / Decision
2.4.2: Guruvayur Municipality – Water Supply Sector – Revision of AS (Road Restoration) (SAAP 2015-16, 2016-17 & 2017-18)	SHPSC approved the excess amount of Rs.14.8Cr. & revised Administrative Sanction of the work for Rs.150.88Cr. subject to the condition that the excess amount shall be borne from the SAAP savings or by the Municipality from its own fund or borrowed funds.	GO awaited. Works are under progress	Noted
2.4.3: Kollam Corporation - Sewage Treatment plant - Kureepuzha: Request for Revision of AS.	SHPSC approved revised Administrative Sanction of the work for Rs.31,91,88,768/- subject to the approval of Corporation Council It was also instructed that KWA shall prepare a time schedule for earliest completion of all works & weekly progress report shall be submitted to the Additional Chief Secretary (LSGD)	Selection notice issued.	Noted
2.4.4: Thiruvananthapuram Corporation-Laying transmission main and sewer networks in Block L (Edathara) -Collection and Conveyance system: Request to rescind the decision taken in the 22nd SHPSC.	SHPSC directed KWA to expedite the process of retendering the work as Technical Member, KWA informed the Committee that KWA Board held on 27.01.2020 had decided to retender the work.	Work to be retendered.	Noted
2.5: GIS based Master Plan for AMRUT Cities - Revised State Action Plan under the Scheme of Formulation.	SHPSC approved the revised State Annual Action Plan for the preparation of GIS based Master Plan for AMRUT cities & recommended the submission of the same to Government of India	Submitted to Government of India	Noted

Agenda Item No.3: PROGRESS OF ACTIVITIES SINCE 23RD SHPSC HELD ON 04.02.2020

3.1: ULB WISE PROGRESS AS ON 22-05-2020

City	Total Projects	Project Cost Amount in Cr.	AS Accorded		TS Issued		Tendered		Work awarded		Work Completed		Expenditure	
			No.	Amount in Cr.	No.	Amount in Cr.	No.	Amount in Cr.	No.	Amount in Cr.	No.	Amount in Cr.	%	
Kannur	37	225.72	37	225.65	37	194.75	37	194.75	35	158.68	13	100.57	44.57	
Guruvayur	34	203.10	34	218.30	33	213.71	33	213.71	33	213.71	10	93.74	42.94	
Alappuzha	194	222.72	194	222.70	191	204.36	191	204.36	182	191.36	79	92.03	41.32	
Trivandrum	270	357.50	270	357.35	270	331.24	270	331.24	251	300.86	141	123.66	34.60	
Thrissur	113	269.93	113	261.39	112	239.62	112	239.62	111	193.32	51	90.34	34.56	
Kochi	98	328.77	98	272.06	98	264.46	98	264.46	95	216.23	53	92.12	33.86	
Palakkad	152	221.71	152	221.52	152	201.77	151	199.87	146	170.11	63	72.68	32.81	
Kozhikode	50	274.76	50	284.64	50	283.95	50	278.67	48	162.22	10	73.14	25.69	
Kollam	60	253.45	60	217.18	60	210.29	60	210.29	52	142.19	26	44.34	20.42	
KERALA	1008	2357.66	1008	2280.80	1003	2144.15	1002	2136.97	953	1748.69	446	782.61	34.31	



3.2: SECTOR-WISE PROGRESS (as on 22.05.2020)

Implementing Agency	Sector	AS Accorded		TS Issued		Tendered		Work Awarded		Work Completed	Total Expenditure
		Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	
KWA	Water Supply	165	1077.83	164	1058.94	164	1053.66	161	1033.25	51	528.53
	Sewerage	117	208.09	117	199.64	117	199.64	96	137.32	43	37.94
KWA -Total		282	1285.92	281	1258.58	281	1253.30	257	1170.57	93	566.47
ULB	Water Supply	10	21.03	9	16.29	9	16.29	9	16.11	0	0.00
	Sewerage/Septage Management	23	342.26	20	285.61	20	285.60	5	27.54	0	0.00
	Storm Water Drainage	498	381.24	498	348.87	498	348.87	497	338.11	307	162.62
	Urban Transport	122	203.86	122	189.31	121	187.41	115	155.00	25	40.81
	Parks	73	46.48	73	45.50	73	45.51	70	41.36	20	12.72
ULB -Total		726	994.87	722	885.56	721	883.66	696	578.12	352	216.15
KERALA (KWA+ULB)		1008	2280.80	1003	2144.15	1002	2136.97	953	1748.69	446	782.61

3.3: Progress achieved since last SHPSC

(Amt in Cr.)

Milestone	AS Accorded		TS Issued		Tendered		Work Awarded		Work Completed	Total Expenditure
	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	
Last SHPSC (04.02.2020)	1023	2262.52	1019	2134.36	1018	2125.95	961	1683.46	357	658.34
Current SHPSC	1008	2280.80	1003	2144.15	1002	2136.97	953	1748.69	446	782.61
Progress	-15*	18.28	-16*	9.79	-16*	11.02	-8*	65.23	89	124.27

*Cancelled Projects

Decision: Committee took note of the progress achieved.



Agenda Item No.4: INDEPENDENT REVIEW AND MONITORING AGENCY (IRMA) – REVIEW OF QUARTERLY PROGRESS REPORTS 1,2,3 AND OBSERVATIONS/COMMENTS IN THE REPORT SUBMITTED.

Ministry of Housing and Urban Affairs Department selected M/s WAPCOS Ltd, Gurugram as Independent Review and Monitoring Agency(IRMA) for AMRUT Mission, Kerala. The agreement with IRMA was executed on 1st March 2019. The Scope of Services carried out by IRMA is to monitor all Projects in all the stages of project execution and timely reporting to State Government and Central Ministry about their observations regarding the implementation of projects in different stages, such as pre- construction stage, construction stage, commissioning, trial run and testing stage and post construction stage. IRMA has submitted one initial fact-finding report and three quarterly progress reports till date.

IRMA observed in their initial fact-finding report submitted on 25th May 2019 that, “there appears to be a lack of expertise in Septage & Sewerage sector and might require strong technical support. The Septage & Sewerage projects are the most challenging and time consuming considering the various obstacles in the field and therefore need close attention and monitoring”. The Independent Review and Monitoring Agency (IRMA) also suggested in their 1st quarterly report submitted on 26th September 2019, that “State Mission Management Unit may consider to constitute a team of experts to help the implementing agencies for the execution of projects under Septage and Sewerage sector if experts are not available with them”. There are also comments regarding the lack of expertise of ULB engineers in Sewerage & Septage Management sector in second and third quarterly reports.

Septage and Sewerage Management is one of the priority sectors under AMRUT Mission. Presently, there are 19 projects amounting to Rs.426.35Cr in Sewerage (11 projects amounting Rs.402.3Cr) and Septage (8 projects amounting Rs.23.7Cr) sector which are directly to be executed by ULBs on which tendering and awarding are in progress. The ULB engineering wing have no previous experience and are not familiar with the on-site implementation method of Septage and Sewerage projects which are piloted in their mission cities. They have raised their concerns to Deputy Mission Director during his city visits and in the Project Review Meetings of AMRUT conducted by Mission Director, 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.

Hence it is suggested to appoint a panel of Experts including experts of Environmental, Mechanical and Electrical Engineers to provide technical expertise and assistance to ULB engineers. They can be sourced through Institution of Electrical Engineers(IEE), Kerala Water Authority Engineers Association, Retired Officials from CET or from other reputed institutions for effective project management support in the case of Sewerage and Septage projects undertaken by the ULB Engineering wing. We can also try to get experts who are retired from Sewerage boards of Karnataka, Tamilnadu and Andhra Pradesh. The selected panel of experts have to deliver handholding support to ULB engineers for the effective implementation of



Septage and Sewerage projects right from start upto completion and operation of all projects under the sector.

It is suggested that remuneration for the selected experts in the panel can be on per diem basis of Rs. 3000-8000 (based on experience) per visit plus travel expense, expenses of boarding and lodging. The visits are to be scheduled based on the need of the ULB in various stages of execution. Their expertise can also be made use for any revision of proposals/technology. They can also be used for checking of DPR, assisting the technical committee in issue of TS, tendering works, scrutiny of bids and supervision for Septage/Sewerage Treatment Plants.

Decision taken:

1. The Committee took note of the comments/ observations in the quarterly progress report submitted by IRMA
2. The Committee agreed with the suggestions on appointment of a panel of experts and their remuneration, as given above by SMMU, for assisting the ULB Engineers as and when it is required. (Action: Principal Secretary, LSGD (Urban) and Mission Director, AMRUT)

Agenda Item No.5: RELEASE OF DEDUCTED SALARY OF CMMU OFFICIALS IN AMRUT

In the 13th State Level High Powered Steering Committee (SHPSC) meeting held on 14.12.2017(*Annexure-2*), the Principal Secretary, LSGD issued a revised deadline for completion of DPRs of all projects except KWA by 15.01.2018, a failure wherein will lead a deduction of 20% from the salaries of the staff of SMMU and CMMUs.

Based on this decision, 20% deduction was affected for 24 contract staffs of CMMU from the month of January 2018 and still continuing.

The last AS was approved in the 20th SHPSC dtd 11.12.2018 and there are no DPRs for approval from the approved SAAP.

The affected staffs are continuously requesting for release of the deducted salary, since all the DPRs have been approved.

Decision taken: SHPSC approved to release the withheld amount to the affected officials in CMMU.



Agenda Item No.6: WORKS BEING IMPLEMENTED BY ULBs

Agenda Item No.6.1: Palakkad Municipality–Sewerage Sector:270 KLD Sewage Treatment Plant in Palakkad District Hospital - SHPSC approval in absence of Municipal Council Decision

Details of Work	Reason	Source of Fund
<p>270KLD Sewage Treatment Plant at District Hospital-The scope of work includes conveyance of sewage from various buildings in Palakkad District Hospital compound and its treatment in the proposed sewage treatment plant. The technology used in sewage treatment plant is Electro coagulation technology.</p> <ul style="list-style-type: none"> • SAAP - 2015 - 16 • AS No:GO (RT) No 05/2018/LSGD dt 01-01-2018 • AS AMOUNT- 2.88Cr • TS. No: IV TEC (Septage/Sewerage) Dated 30-07-2018 for. Rs 3.0 Cr • Tendered PAC – Rs. 2.8743958 Cr. • Price Quoted- Rs. 2,68,19,355/- (6.7% below estimate rate)(excluding O&M) 	<ul style="list-style-type: none"> • The project was tendered 3 times. • In the 3rd bid L1 (single bid) M/s Green Eco Water Systems quoted Rs.2,68,19,355/- (excluding O&M- Rs.27.33lakhs), which is 6.7% below estimate rate. • AMRUT Core Committee held on 06-03-2020(Annexure-3)recommended to approve this single bid & to place before AMRUT SHPSC as the Palakkad Municipality is not setting up Council meetings for last 3 months. • Secretary Palakkad has informed that the agenda was placed before the Municipal Council 5 times but could not be passed due to political reasons. • In the meeting dated 28/01/2020 chaired by Hon. Minister for LSGD (Annexure-4) it was decided to take up with Govt. for approvals in case of delay in getting Council decisions. 	<p>No additional fund required.</p>

Decision taken: SHPSC entrusted the Principal Secretary, LSGD (Urban) to issue direction to the Municipal Council to pass appropriate orders.



Agenda Item No.6.2: Palakkad Municipality–Urban Transport - Request for implementing the work- “Installation of Escalators in Foot Over Bridge at GB Road” through Southern Railways, Palakkad Division on a deposit work mode –SHPSC approval in absence of Municipal Council Decision

Details of Work	Reason	Source of Fund
<p>The work- “Installation of Escalators at GB Road” is divided into two parts-</p> <p>1) Construction of the foot over bridge has been entrusted with the Railway Department and 2) installation of 4 Nos Escalators and canopy works was entrusted with the municipality.</p> <ul style="list-style-type: none"> • SAAP - 2015 – 16, 2016-17 • AS No: - GO (RT) No 516/2018/LSGD dt 22-02-2018 • AS AMOUNT- 3.545 for both components. • TS. No: DB-3/6647/2018/CE/LSGD Dated 14/06/2018 for Rs.1.90Cr. • Amount to be deposited to Railway: Rs. 4.18 Cr • Excess Amount: 2.28 Cr • Revised AS Amount - Rs. 5.825 Cr. 	<ul style="list-style-type: none"> • The FOB entrusted with Railways as deposit work has been completed. • The work of escalators & canopy, though tendered 3 times did not receive bids since indoor type escalators were envisaged in the DPR wherein the actual requirement is outdoor type • Outdoor type escalators are needed which requires about Rs.2.28 Cr. over & above the cost estimated in DPR. • In the Stake Holder’s meeting presided by the Sri. Sreekantan (Hon MP, Palakkad) held on 16-12-2019, it was decided to entrust this work to the Southern Railways. Subsequent to this, the Palakkad Municipality had convened a meeting with the Divisional Railway Manager (Palakkad Division) and consent has been given by Railways to execute this work on a deposit work mode and submitted the abstract estimate for installing 4 Escalators, electrical connections and civil works for Rs. 4.18 Crore. • The AMRUT Core Committee held on 11-02-2020 vide decision No. 02 (Annexure-5) has decided to approve the abstract estimate provided by Railways and to execute the entire work through Southern Railways on deposit work mode. Core Committee also decided to place before AMRUT SHPSC as the Palakkad Municipality is not setting up council meetings for last 3 months. 	<p>SAAP savings for the same project (Rs.2 Cr. has been kept for escalator project in each of the 3 SAAPs, totalling to Rs.6 Cr. for this project).</p>

Decision taken: SHPSC entrusted the Principal Secretary, LSGD (Urban) to issue direction to the Municipal Council to pass appropriate orders.



Agenda Item No.6.3: Palakkad Municipality–Parks & Green Spaces - Play Equipment for 15 parks – SHPSC approval in absence of Municipal Council Decision.

Details of Work	Source of Fund
<ul style="list-style-type: none"> Administrative Sanction has been accorded to Palakkad Municipality for 21 Parks under the Parks and Green Spaces Sector under AMRUT Scheme. The civil works of 20 parks were awarded and 5 parks have been completed out of which, play equipment were installed in 3 parks. Now bid for play equipment for 15 parks have been floated and eligible bids received. AMRUT Core Committee held on 06-03-2020 vide decision No.06 (<i>Annexure-6</i>) has approved the lowest quoted bids (all 15 quoted below PAC) and decided to place before AMRUT SHPSC as the Palakkad Municipality is not setting up council meetings for last 3 months. <p>The list of works are enclosed as <i>Annexure-7</i></p>	No additional fund required.

Decision taken: SHPSC entrusted the Principal Secretary, LSGD (Urban) to issue direction to the Municipal Council to pass appropriate orders.

Agenda Item No.6.4: Kannur Corporation –Urban Transport - Multi Level Car Parking (MLCP)- At Stadium Premises and Bank Road Approval of 8 % tender excess and Revised AS for the work.

Details of Work	Reason	Source of Fund
<p>The work comprises Multi Level Car parking puzzle type 4 units with a total capacity of 124 cars in Stadium premises & 1 unit with capacity of 31 cars at Bank road.</p> <ul style="list-style-type: none"> SAAP- 2017-18 AS: - G.O(Rt)No.4165/2017/LSGD dated 23.12.2017. AS AMOUNT- Rs. 9.34 Cr. TS.No: 158/2018-2019 dated 01/03/2019 for Rs. 9,25,75,700/- Tendered PAC – Rs. 8,83,99,646/- Difference in TS and PAC amount reserved for (Rs. 41,76,054.00/-) <p>[Solar system, Stadium parking = Rs. 4,47,519.00 Solar system, Bank road = Rs. 6,00,041.00 Utility shifting = Rs. 2,61,380.00 Unforeseen = Rs. 18,67,114.00]</p> <ul style="list-style-type: none"> Negotiated Quoted Price- Rs. 9,54,71,618/- (8% above estimate rate.) LMR rate- Rs. 10,17,89,610/- (15.14% above estimated rate) Excess Amount: Rs. 70,71,972.00/- Revised AS Amount requested- Rs. 9,96,47,672.00 	<ul style="list-style-type: none"> The 23rd SHPSC decided to award the work based on a detailed report from CE, LSGD. CE, LSGD reported (<i>Annexure-8</i>) that Kannur MLCP consists of 2 works at different locations resulting in additional expenditure in various components. Hence the cost per unit is higher in Kannur compared to other MLCPs, hence rate quoted (8% above) is reasonable. Secretary, Kannur reported that the lowest bidder agreed to reduce his quoted rate from 9.9% to 8% above Tendered PAC. 	<p>Excess amount can be met from the savings in AS under Urban transport sector.</p> <p>Construction of new footpath with handrails & cycle track (GO(Rt) No.4165/2017/LSGD dated 23.12.2017)- AS Amount- Rs. 7.41 Cr. TS Amount – Rs. 3.69 Cr. Savings – Rs. 3.72 Cr.</p>



Decision taken: SHPSC accepted the report from CE, LSGD and approved the tender excess of 8% above the tendered PAC and revised the Administrative Sanction for Rs. 9,96,47,672/-. Necessary orders has to be obtained from LSGD.(Action: Principal Secretary, LSGD (Urban) and Mission Director, AMRUT)

Agenda Item No.6.5: Kozhikode Corporation – Sewerage Sector – Decentralized Sewerage treatment plant and associated sewerage network for Zone-A: Decision on Tender Excess (Package A- 52.85% & Package B- 54.15%), Revised AS and source of fund for the works.

Details of Work	Reason	Source of Fund
<p>The project has two sub works</p> <p>a) Decentralized Sewerage System for Zone-A (Package A)”. b) Decentralized Sewerage System for Zone-A (Package B)”</p> <ul style="list-style-type: none"> • SAAP 2015-16, 2016-17, 2017-18 • Original AS- GO (Rt) No 516/2018/LSGD dated 22/02/2018. For Rs.106.69Cr. • Revised AS No -G.O.(Rt).No. 769./2019/L.S.G.D Dated 30/03/19 • Revised AS AMOUNT- Rs. 116.50Cr. • TS. No:77/2018-19/TEC/L.S.G.D Dated 28/02/2019,for. Rs.116.50Cr. • Tendered PAC – Rs. 116.50Cr. 	<ul style="list-style-type: none"> • The 23rd SHPSC held on 4th February directed to retender the work as the rates quoted by the Contractors were high. • Secretary, Kozhikode corporation has reported (<i>Annexure-9</i>) that, based on the direction of 23rd SHPSC, the work was retendered and the same L1 Contractor who had quoted previously has now again quoted. • The bid amount is high since the work consists of laying sewer lines for about 98km in thickly populated area with heavy traffic and risky site conditions. 	<ul style="list-style-type: none"> • No fund available from savings. • The Secretary, Kozhikode Corporation requested Government vide letter No. EG21/61457/17B dated 19.12.2019 to allot fund from Government or KIIFB to meet additional expenses. • Original AS amount was for 106.69Cr and additional amount of Rs9.81Cr was approved by SHPSC. • Excess amount above Rs.116.5.Cr comes to Rs.62.12Cr for which source has to be identified.
<p>The tender was initially published on 18.5.19 with the closing date as 20.6.19 and there was no response. Hence the project was retendered on 10.7.19 with the closing date as 30.7.19. The closing date was extended 5 times till 5.10.2019, due to no response. Then two bidders had submitted their bids in the retender. The lowest bidder had quoted for 53.27% excess for package A and 54.17% excess for package B and the same was placed before 23rd SHPSC. The SHPSC directed to retender the work as the rates quoted by the Contractors were high. The project was re tendered nationwide as two packages on 20.02.2020.</p> <p>Decentralized Sewerage System for Zone-A (Package A):</p>		



The work in Package A costs Rs.59.77 Cr., comprises providing, laying, testing & commissioning of 48 Km underground DWC HDPE Sewerage Pipes of various diameters (200mm, 250mm, 300mm, 350 mm, 400mm, 600 mm) at a depth varying from 1.5 m to 4.5 m. Construction of a sewage pumping station including mechanical, electrical and instrumentation works. Basic and detailed engineering including procurement, construction, testing, commissioning, of Sewage Treatment Plant (STP) -7 MLD to treat Municipal Sewage Wastewater & Operation and Maintenance of the whole system for 5years.

The project was retendered on 20.02.2020 and only one bid was received, from M/s Midland Engineering and Contracting Company Pvt Ltd, Malappuram in JV with DNP Infrastructure Pvt. Ltd (they were the same L1 in previous bid).

The technical bid was opened on 30.03.2020 and as the same bidder was declared technically qualified by the technical committee on 28.10.2019, during the evaluation of bidders in the 1st retender, further technical evaluation was not done by the ULB. Subsequently the financial bid was opened on 16.05.2020 and the quote after negotiation are as below,

- Estimated Cost- Rs. 59.77Cr.
- Quoted cost by the bidder-Rs.93.93 Cr
- Negotiated Amount- Rs. 91.36Cr.
- O&M for 5 years-Rs.30.52 Cr
- Cost of contingencies and utility shifting-Rs.17,68,106/-
- **Excess Amount- Rs.31.59Cr.(52.85%) (Previous tender excess was 53.27% which was decided as high by 23rd SHPSC)**

Decentralized Sewerage System for Zone-A (Package B):

The work in Package B costs Rs.56.38 Cr., comprises providing, laying, testing & commissioning of 50 Km underground DWC HDPE Sewerage Pipes of various diameters (200mm, 250mm, 300mm, 400mm, 600 mm) in a depth varies from 1.5 m to 4.5 m. Construction of a sewage pumping station including mechanical, electrical and instrumentation works. Basic and detailed engineering including procurement, construction, testing, commissioning, Sewage Treatment Plant (STP) -6MLD to treat Municipal Sewage Wastewater & Operation and Maintenance of the whole system for 5years. The project was retendered 20.02.2020 and only one bid received, Midland Engineering and Contracting Company Pvt Ltd, Malappuram in JV with DNP Infrastructure Pvt. Ltd had submitted their bid in the retender.

The project was retendered on 20.02.2020 and only one bid was received, from M/s. Midland Engineering and Contracting Company Pvt Ltd, Malappuram in JV with DNP Infrastructure Pvt. Ltd (they were the same L1 in previous bid).

The technical bid was opened on 30.03.2020 and as the same bidder was declared technically qualified by the technical committee on 28.10.2019, during the evaluation of bidders in the 1st retender, further technical evaluation was not done by the ULB. Subsequently the financial bid was opened on 16.05.2020 and the quote after negotiation are as below,



- Estimated cost- Rs. 56.38Cr.
- Quoted cost by the bidder-89.11Cr.
- Negotiated Amount- Rs. 86.91Cr.
- O&M for 5 years-Rs.25.94Cr
- Cost of contingencies and utility shifting-Rs.17,68,105/
- **Excess Amount- Rs.30.53Cr. (54.15%)(Previous tender excess was 54.17% which was decided as high by 23rd SHPSC)**

Total Excess Amount: Rs 62.12Cr.

Revised AS Amount requested – Rs. 178.62Cr.

Council decision: EG21/61457/17dated 20.05.2020(Annexure –10)

Observations of SMMU:

- In 23rd SHPSC, SMMU had worked out the comparison of market rates for labour and materials of the various components of work and noted that estimate as per market rate is about 11.93 % compared to 53.27% excess quoted for package A and 13.06% against 54.17% quoted for package B.
- Only one bid has been received and the bidder is same who quoted as L1 in the previous tender.
- There is not much reduction in the present quote compared to previous quote. Package A- 52.82% excess(53.27%previously). Package B-54.15% excess(54.17% previously)
- There is no savings in AMRUT for Kozhikode City to meet the additional financial commitment to the tune of Rs. 62.27Cr.+ Rs.10Cr. (Revised AS Amount).
- vide No.14/2015/AMRUT/Kozhikode dated 21.01.2020, SMMU (Annexure-11) had submitted detailed report to Additional Chief Secretary, LSGD with the following recommendations:
 - Re tender the works to get a better rate.
 - Splitting the works as 1) STP and 2) Networks with ancillary works.
 - STP Construction can be started first to ensure that plant work progresses and then network portions can be tendered to avoid purchase of pipes in beginning itself or just laying of pipes alone happening.



- Vide letter No.14/2015/AMRUT/Kozhikode dated 23.01.2020, SMMU (Annexure-12) had informed to Secretary, Kozhikode the above recommendations (However the works have been again retendered on 20.02.2020 without splitting STP and networks separate).
- Secretary has also reported that 23 councillors have raised objections (Annexure-13) in awarding these works at such high rates.

Considering the above SMMU recommends to SHPSC the following:

- Re-tender the works to get a better rate.
- Splitting the works as 1) STP and 2) Networks with ancillary works.
- STP Construction can be started first to ensure that plant work progresses and then network portions can be tendered to avoid purchase of pipes in beginning itself or just laying of pipes alone happening.

Deliberations done: Mission Director explained in detail the reasons why the quoted rate is seen to be high as follows:

- This is an item rate tender. So, scrutiny and negotiation should be based on high and illogically quoted items.
- There are 417 items in Package A and 390 items in Package B.
- Exorbitantly high quoted rates are for 15 items in Package A and 19 items in Package B.
- These high quoted rates are for pipes and pre-fabricated man holes. 3rd item is for trenchless (HDD- Horizontal Directional Drilling) technology and is notional.
- Total network length for Package A is 48 Km. and Package B is 50 Km.
- Most significant high quoted rate is for **200mm dia pipes**
 - **Package A:**
 - 43970m @ 290 % above estimates
 - LMR only 17.55 % above estimate.
 - Cost excess above estimate is 24.07 Cr.
 - **Package B:**
 - 44319m @ 290% above estimate
 - LMR is only 17.55 % above estimate
 - Cost excess above estimate is 24.26 Cr.



- The Market rate for 200mm dia pipe is 1170+GST = 1310/- (Mahaveer Trading Corporation- given by KWA)
- KWA rate for supply of 200mm dia pipe is only 1237+GST= 1385/-
- KWA rate for the supply of items and laying 200mm dia pipe is 1698/-, the estimate cost is 1888.38/-
- LMR is 2219.76/- but quoted rate is 7363/- and has no justification to accept the same
- **Package A:**
 - Total negotiated quoted amount is 91.36 Cr.
 - If we allow market rates for the 15 major excess quoted items, the maximum allowable amount shall be 62.87 Cr.
 - % Excess payable above estimate comes to 5.19%
- **Package B:**
 - Total negotiated quoted amount is 86.91 Cr.
 - If we allow market rates for the 19 major excess quoted items, the maximum allowable amount shall be 57 Cr.
 - % Excess payable above estimate comes to 1.10%

Decision taken: SHPSC directed the Secretary, Kozhikode Corporation to negotiate again with the Contractor based on the above deliberations and a detailed rate analysis has to be obtained from the contractor on the items quoted with rates much higher than the local market rate.

Based on the negotiation and justification of the high rate from the contractor, the Corporation should submit a comparison statement with justification and the matter should be placed before the SHPSC. (Action: Secretary, Kozhikode Corporation)



Agenda No.7: PROJECTS BEING IMPLEMENTED BY KWA

Agenda Item No.7.1: Thrissur Corporation – Water Supply Sector – Revision of AS (Road Restoration)

Details of Work	Reason for Revision	Source of Fund																
<p>Rehabilitation of Thrissur Corporation Water Scheme to Koorkenchery Zone – supply & laying of separate branched gravity main of 400mm DI K9 & replacement of 700mm Premo with 700mm DI K9 pipe and supply erection & commissioning of 65 HP centrifugal motor pump set for replacing of existing old pump sets - 2nos. at Koorkenchery sump - allied works (SAAP 2015-16).</p> <p>1) GO (Rt) No. 534/2017/LSGD dated 23/02/2017</p> <p>2) AS Amount-Rs.3,41,00,000</p> <p>3) TS Amount- Rs.3,41,00,000</p> <p>4) Additional amount required - Rs.30,31,035 (8.89% excess)</p> <p>5) Revised project cost - Rs.3,71,31,035</p> <p>• Secretary, Thrissur Corporation vide letter no. WS2/12240/2018 dated 23/03/2020 (Annexure-14) has requested for revision of AS for the above-mentioned project.</p> <p>• Municipal Council held on 16/05/2020 vide Resolution No.45 (Annexure-15) has approved the revision of AS for the above-mentioned project.</p>	<p>Increase in the road restoration charges from the estimated amount of Rs.75,00,000 to Rs.1,43,72,620 (excess amount – Rs.68,72,620) due to revision of road restoration charges by PWD.</p> <table><tr><th>Items</th><th>As per Original AS</th><th>Revised AS Proposal</th><th>Difference</th></tr><tr><td>Material & Working Charges</td><td>2,66,00,000</td><td>2,27,58,415</td><td>-38,41,585</td></tr><tr><td>Road restoration Charges</td><td>75,00,000</td><td>1,43,72,620</td><td>68,72,620</td></tr><tr><td>Total</td><td>3,41,00,000</td><td>3,71,31,035</td><td>30,31,035</td></tr></table>	Items	As per Original AS	Revised AS Proposal	Difference	Material & Working Charges	2,66,00,000	2,27,58,415	-38,41,585	Road restoration Charges	75,00,000	1,43,72,620	68,72,620	Total	3,41,00,000	3,71,31,035	30,31,035	<p>AS amount of the project “<i>AMRUT supplying & fixing bulk flow meters in the transmission mains under Thrissur Corporation area</i>” in SAAP-I of Water Supply sector is Rs.1 Cr. Awarded amount of the project is Rs.0.421 Cr. The project has been completed within the awarded amount. Hence there is a savings of Rs.0.579 Cr. & the excess amount of Rs.0.303 Cr. can be met from this savings amount.</p>
Items	As per Original AS	Revised AS Proposal	Difference															
Material & Working Charges	2,66,00,000	2,27,58,415	-38,41,585															
Road restoration Charges	75,00,000	1,43,72,620	68,72,620															
Total	3,41,00,000	3,71,31,035	30,31,035															

Decision taken: SHPSC approved the revised Administrative Sanction for Rs.3,71,31,035/- (Action: Principal Secretary, LSGD (Urban) and Mission Director, AMRUT)

Principal Secretary, LSGD (Urban)

Mission Director, AMRUT

BISHWANATH SINHA. IAS
Principal Secretary 1/c LSUCVA
SC/ST & Backward Classes Dev. Depts.
Govt. Secretariat, Thiruvananthapuram

Chief Secretary
(Chairman, SHPSC)

Chief Secretary



List of Participants

- Sri. TomJose IAS, Chief Secretary
- Sri. R. K. Singh IAS, Additional Chief Secretary, Finance Department
- Sri. Biswanath Sinha IAS, Principal Secretary, Urban, LSGD
- Sri. Anand Singh IAS, Secretary, Public Works Department
- Sri. B Ashok IAS, Secretary, Water Resources Department
- Smt. R. Girija IAS Mission Director, AMRUT
- Sri. Venkadesapathy S IAS, Joint MD, Kerala Water Authority
- Sri. Raveendran T, Technical Member, Kerala Water Authority
- Smt. Leena Kumary. S, Chief Engineer (P&O), Kerala Water Authority
- Sri. C Rajeevan, Deputy Chief Engineer, LSGD
- Sri. V Sen, Deputy Secretary, Planning Department
- Dr. Ummuselma, Joint Director(Health), Directorate of Urban Affairs
- Sri. AL Charles, Deputy Mission Director, AMRUT
- Sri. Binu Francis, Secretary, Kozhikode Corporation
- Sri. Udayan K V, Executive Engineer, Kozhikode Corporation

