

Government of Andhra Pradesh



Government of India

Minutes of the 2nd Meeting of State Level Technical Committee (SLTC)



22nd November 2016

**ATAL MISSION FOR REJUVENATION AND URBAN TRANSFORMATION
(AMRUT)**

Minutes of the 2nd meeting of "State Level Technical Committee (SLTC)" under AMRUT was convened on 22-11-2016 at 4 pm under the Chairmanship of Principal Secretary to Govt. M.A& U.D. Dept. The following are the members of the committee.

Committee Members

- | | |
|--|-----------------------------|
| 1) Principal Secretary to Government ,
M.A&U.D Department | Chairman |
| 2) Managing Director, APUFIDC Ltd., | Member |
| 3) Representative of Engineer –in-Chief ,
I& CAD Department Amaravati | Member |
| 4) Representative from CCLA | Member |
| 5) Director of Town and country planning | Member |
| 6) Mission Director, MEPMA | Member |
| 7) Representative from AP Transco | Member |
| 8) Representative of CPHEEO, MoUD, New Delhi | Member |
| 9) Representative from Finance Department | Member |
| 10) Chief Engineer (PH) | Member Secretary & convener |

The Chief Engineer (PH) welcomed all the members of the SLTC and made the presentation on the agenda items.

Agenda-1: Appraisal of DPRs

The Chief Engineer (PH) stated that the following 12 DPRs received under the Sewerage and Septage Sector. The DPRs have been initially reviewed above with the Technical Expert Committee members appointed by Government, and the ULB concerned.

Sector: sewerage and septage

S.No	ULB	Approved Cost as per SAAP Rs in Crores
1	Machilipatnam	9.75
2	Tenali	18.5
3	Chilakaluripet	9.75
4	Kakinada	9.75
5	Rajamahendravaram	9.75
6	Srikakulam	6.25
7	Ongole	17.50
8	Kavali	12.50
9	Kadapa	52.00
10	Dharmavaram	16.00
11	Guntakal	16.00
12	Madanapalle	9.00

- The Concerned Municipal Commissioners /Municipals Engineers with respective PDMCs of the ULBs have made a detailed presentation of the proposals indicating the expected improvements in the Service level bench marks after Implementation of these projects.
- The Chief Engineer informed that the most of the ULBs are not having the sewerage facilities and wastewater generated in these towns are disposed into the water bodies through the existing permanent as well kutcha storm water drainage. Hence treatment is required for wastewater before discharging in to the water bodies to adhere to the norms fixed by the Pollution control Board Authorities. Similarly in sanitation sector septage generated in the septic tanks is being disposed in to the water bodies indiscriminately by the various private operators in the ULBs. In view of the above an integrated sewage septage treatment plants are proposed in these towns in the available lands with the allocated AMRUT funds to achieve the following objectives.
 - Scientific treatment of liquid waste to abate the surface and ground water pollution, duly providing suitable Sewage Treatment Plants (STPs).
 - ULB to abate pollution by establishing the scientific treatment facility for septage, caused due to indiscriminate dumping.

The CE further apprised the Committee in regard with the proposed systems and details are as follows:

- The town has been divided into suitable number of sewerage zones and expected sewage flows are evaluated and accordingly required capacity of STPs are proposed in the DPRs.
- The sullage /wastewater collected from the existing drains will be pumped into the proposed STP for treatment. Depending on the availability of the funds sewerage network will be taken up. Presently the proposals are made by PDMC, for taking up of STPs only for treatment of wastewater in concurrence with the approved SAP sanctioned amounts in AMRUT scheme.
- Treatment technology for STP will be selected based on the life cycle cost of the proposal .technology which can accommodated in limited land space and optimum O&M cost and capital cost will be considered for implementation. Technologies considered, various costs adopted in the techno-economic evaluation of the technologies and its discounted net present value has been presented to the committee.

Resolutions

1. The committee has approved the following DPRs in principle after detailed discussions.

S. No	Name of the ULB	SAAP Approved Cost	SLTC approved cost	Breakup of Appraised cost				Total
				Admissible Cost	In-Admissible Cost			
					O&M Cost	VAT Cess	Land Cost	
1	Rajahmundry	9.75	17.98	9.75	5.89	2.34	0	17.98
2	Kakinada	9.75	29.17	9.75	9.42	10	0	29.17
3	Machilipatnam	9.75	16.76	9.75	5.89	1.12	0	16.76
4	Tenali	18.50	30.06	18.5	9.43	2.13	0	30.06
5	Chilakaluripet	9.75	16.76	9.75	5.89	1.12	0	16.76
6	Kavali	12.25	26.49	12.25	11.77	2.47	0	26.49
7	Ongole	17.50	30.79	17.5	11.77	1.52	0	30.79
8	Kadapa	52.00	94.35	52	23.55	18.8	0	94.35
9	Dharmavaram	16.00	48.17	16	20.02	12.2	0	48.17
		155.25	310.53	155.25	103.63	51.65	0.00	310.53

2. The Principal Secretary discussed the possibility of taking up a combined scheme for Storm Water Drainage & Sewerage for Kakinada town in view of high water table. The Chief Engineer (PH) & CE, APUFIDC informed that combined scheme may not be a viable solution as the rainy season is not continuous. If the combined scheme is proposed then it may result into over sizing of drains and STP. During non-rainy season due to less flows stagnation of waste is possible and cost of capital works & operating expenses will be high, which will burden to the ULB. After Detailed discussion it is decided to take up Sewerage and Septage Scheme as proposed in SAAP. The committee has approved 10 MLD capacity treatment plant, in respect of Kakinada town.
3. Chief engineer informed that the SAAP approved amount for Srikakulam town is of Rs.6.25 Crores, which is not sufficient to set up suitable capacity of STP. The available funds are sufficient to provide only 3 MLD capacity STP. The Technical Expert committee member has also suggested to provide 10 MLD plant at the present proposed site to cover the more area of the town. The committee directed the PDMC to re-examine the proposal and submit the DPR with revised proposals in the next meeting.
4. The Commissioner Dharmavaram was directed to expedite the purchase of proposed private land duly negotiating with the owner to the possible minimum value for taking up STP, work at the earliest.

5. The Principal Secretary informed to Chief Engineer (PH) &MD, APUFIDC to instruct all the ULBs both Amrut and Non Amrut towns to identify the land required for construction of STPs for the ultimate demand requirement, duly keeping the view that the site is suitable as per the technical requirement. Director Town and Country Planning and ULBs are directed to earmark suitable required site for establishment of water, sewerage, septage etc. Utilities in their master plans/GIS maps.
6. The committee after detailed discussion concluded that the DPRs of Guntakal and Madanapalli shall be revised duly considering the present water supply status while calculating the capacity of STPs and resubmit the proposals in the the next SLTC meeting.
7. The Principal Secretary requested the MD, APUFIDC, to submit DPRs on Krishna Patnam canal water front development and Nellore water Tank beautification project in Nellore district to pose the same in AMRUT scheme to get the funds.
8. The committee has approved the funding pattern for the above mentioned projects in the following method of finance pattern.

S. No.	Name of the ULB	SAAP Approved Cost	SLTC approved cost	Gol Share	State Share	ULB Share	Total
1	Rajahmundry	9.75	17.98	4.03	5.63	8.32	17.98
2	Kakinada	9.75	29.17	4.03	5.63	19.51	29.17
3	Machilipatnam	9.75	16.76	4.03	5.63	7.1	16.76
4	Tenali	18.50	30.06	7.65	10.67	11.74	30.06
5	Chilakaluripet	9.75	16.76	4.03	5.63	7.1	16.76
6	Kavali	12.25	26.49	5.07	7.07	14.35	26.49
7	Ongole	17.50	30.79	7.24	10.1	13.45	30.79
8	Kadapa	52.00	94.35	21.52	22.5	50.33	94.35
9	Dharmavaram	16.00	48.17	6.62	8.73	32.82	48.17
		155.25	310.53	64.22	81.59	164.72	310.53

2. Table Agenda

- The Chief Engineer (PH) with the permission of the Chair placed the following proposal for appraisal, before the SLTC as table agenda items for consideration.
 - ❖ As per the AMRUT guidelines, one of the key Reform milestones No. 4 (Urban Planning and City Level Plans) is "Preparation of Master Plan using GIS". Under the scheme GIS based Master Plans/ Development Plans are to be prepared for 33 cities (including Amaravati). This has been approved as a 100% centrally funded sub-scheme by Government of India. As mandated by Gol a State Action Plan (SAP) for GIS based Master Plan Template has to be prepared for release of funds to the State under the AMRUT Sub-scheme.
 - ❖ As mandated by the AMRUT guidelines the State Action Plan (SAP) for GIS based Master Plan Template has to be prepared by the Nodal agency (DTCP) for the sub-scheme and approved by the Nodal Office (APUFIDC) at the State level. Accordingly a SAP for GIS based Master Plan template was prepared by DTCP of Sub-scheme and approved by the State Nodal Agency. The SAP for GIS based Master Plan has to be approved by the AMRUT State Level Technical Committee (SLTC) and State High Power Screening Committee (SHPSC), and to the Apex Committee for approval.

Approval of budget.

Fund allocation/Funding pattern

- i. The total estimated budgetary requirement for Preparation of GIS based Master Plan - State Action Plan (SAP) – pre-bid stage is Rs.2331.59 lakh for FY 2016-17 to FY 2018-19.
- ii. The component of funding is in 3 aspects (A-Geo-database creation, B-Master Plan Formulation and C- Capacity Building)

A - Geo-database creation: Unit cost of geo-database creation including satellite data acquisition, ortho-rectification and geospatial database creation and base map preparation (excluding spatial attribute collection, ground truthing and vetting) at 1:4000 scale is @Rs. 9529/- per sq. km. for cities having planning areas less than 50 sq.km. and @Rs. 8888/- per sq. km. for cities having planning areas more than 50 sq.km. Budgetary requirement for a city for a particular year can be derived by multiplying the area of mapping with unit cost.

B - Master Plan Formulation: Under the sub-scheme, Rs. 1 crore has been allocated for each Metro city and Rs. 75 lakhs for each Class I city for master plan formulation.

- 20% of the project cost will be released on approval of the SAP, as an advance for data acquisition and collection of socio-economic data.
- 40% of the project cost of base map & thematic map creation, vetting, and data analysis report.
- Next 20% on submission of draft master plan and
- Final 20% installment on approval of final master plan
- Funds at every stage will be released subject to furnishing of the utilization certificate and physical progress of deliverables duly reported by competent authority.

Under the sub-scheme, State Governments can procure consultancy services for master plan formulation component. The model RFP template may be referred for procuring the consultancy services.

Budgetary requirements over and above approved Sub-scheme allocation are to be borne by the State Governments.

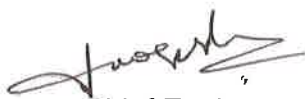
C - Capacity Building: Under the sub-scheme, Rs.5 lakhs has been allocated for each Metro city and Rs. 2 lakhs for each Class I city for capacity building.

After detailed presentations by the concerned to the SLTC and after financial and technical appraisal of all the DPRs of the respective ULBs the committee resolved the following

1. Approved 10 out of 12 appraised SAAP 2016-20 DPRs (excluding the projects for Guntkal and Madanpalle) duly technically clearing the projects for a cost of Rs.322.11 Cr. including inadmissible cost.. The details of approved projects ULB wise with proposed method of finance is placed as appendix.
2. Approved the table agenda item.
3. Authorized the Mission Director & Managing Director APUFIDC (Member Convener) to place the same before SHPSC for approval and according necessary administrative Sanction by the State Government.
4. Instructed the concerned Commissioner of the Municipal Corporations/Municipalities to resolve for meeting the cost component of inadmissible items proposed in the DPRs by the respective ULB and to submit a council resolution to bear the cost of the inadmissible components from their own funds in addition to the ULB share of the admissible components of work.
5. Authorized the Chief Engineer(PH) for according technical Sanction after approval of the projects by SHPSC and Administrative Sanction by the State Government duly following the guidelines

- Contingencies or cost escalation are not included in the estimates
 - All technical and financial norms of the AMRUT are to be followed in preparation of estimates
 - Necessary codal procedures are to be followed for procurement and implementation
- ❖ Tender acceptance, deviations and extension of time etc., Shall be taken up as per the norms and Govt. orders in vogue.

The meeting Concluded with vote of thanks to the Chair.



Chief Engineer
Public Health



Director of Town &
country planning



Managing
Director,
AUFIDC Ltd.,



Principal Secretary
to Government
MA&UD,



Representative
ENC(I&CAD)

Mission Director,
MEPMA

Representative
AP Transco

Representative
CCLA

Representative
CPHEEO, MoUD,
New Delhi

Representative
Finance
Department

