

**Minutes of the 3<sup>rd</sup> State Level Technical Committee (SLTC) of AMRUT 2.0 held on 21<sup>st</sup> June 2022 at 05:00 PM through Video Conferencing by Additional Chief Secretary, Local Self Government Department**

The meeting of the 3<sup>rd</sup> State Level Technical Committee of AMRUT 2.0, chaired by Smt. Sarada Muraleedharan IAS, Additional Chief Secretary, Local Self Government Department commenced at 05:00 PM (List of participants attached as Annexure 1).

Sri. Arun K Vijayan IAS, Mission Director, AMRUT presented the points in the Agenda note.

**Agenda Item No.1: APPROVAL OF MINUTES OF THE 1<sup>st</sup> and 2<sup>nd</sup> MEETING OF SLTC**

The minutes of the 1<sup>st</sup> & 2<sup>nd</sup> SLTC meetings of AMRUT 2.0 held on 1<sup>st</sup> April 2022 and 25<sup>th</sup> April 2022 respectively.

**Decision:** The Committee approved the minutes of the 1<sup>st</sup> SLTC and 2<sup>nd</sup> SLTC meetings.

**Agenda Item No.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 1<sup>st</sup>/ 2<sup>nd</sup> SLTC and 1<sup>st</sup> SHPSC MEETINGS**

**Agenda Item No.1: Introduction to Atal Mission for Rejuvenation & Urban Transformation (AMRUT 2.0)**

**SLTC Decision**

- 1) Committee took note of the Guidelines and current status.
- 2) The Committee directed KWA to assist the ULBs in completing the City Water Action Plans by prioritizing Water Supply projects within available funds allocated to each ULB.
- 3) The issue of STP for Kottayam Municipality is to be taken up with Government of India.

**1<sup>st</sup> SHPSC Decision:**

- The Committee took note of the AMRUT Guidelines.
- The Committee directed KWA to assist the ULBs for ensuring completion of CWAP filling by the end of May-2022. (Action: Managing Director, KWA)
- The Committee took note of the action taken to include Kottayam Municipality under SBM-U.
- The Committee took note of the G.O issued which permits ULBs to use XV FC tied grant as ULB share.

**Action Taken: Noted**

**Agenda Item No.2: Finalization of funding pattern for AMRUT 2.0**

**SLTC Decision:**

Water Supply Sector:

- a) The funding pattern for Water Supply Sector may be worked out for all ULBs by providing weightages of 40%, 30% & 30% for service level gaps in quantity of water supplied, water supply connections & quality of water supplied respectively.
- b) The amount thus worked out for AMRUT ULBs may be limited to Rs.120 Cr. and the balance amount may be allocated to Non-AMRUT ULBs based on their service level gaps in Water Supply Sector.
- c) The KWA may prepare Water Supply projects under AMRUT-2.0 for ULBs after conducting discussions with the respective Chairpersons, Councilors & ULB officials. KWA may finalize the projects based on their inputs and according to the fund allocated.

Sewerage & Septage Sector:

Sewerage / Septage – Option-1 suggested for SEW/ Septage sector along with floating incentive fund is approved as the fund distribution pattern.

- The 1<sup>st</sup> SLTC decided to recommend Option-1 (Need Based Gap: 30% STP & Networks in core areas and 70% FSIP coverage in other areas) along with floating incentive fund to the SHPSC (The difference between

Option-1 & Option-2 [75%\*A + 25%\*B, A – Population & Area (90:10) & B - Need Based] may be set aside as a Floating Incentive Fund).

- The difference in Central Allocation amount of Option-1 (Rs.304.91 Cr.) and Option-2 (Rs.567.3 Cr.), that is Rs.262.39 Cr. is considered as the Floating Incentive Fund.
- The Floating Incentive Fund may be used by each AMRUT city for Water Supply Sector so as to achieve universal water supply. Once this is achieved balance amount if any can be used in Sewerage & Septage Sector.
- A total amount of Rs.50 Cr. is taken (proportionately from all 9 AMRUT cities) & kept as floating fund for Non-AMRUT cities to incentivize those Municipalities that show good progress in works and for those ULBs that require additional fund for achieving universal water supply).

#### Water Body Rejuvenation & Green Spaces:

- a) Rs.3 Cr. may be equally shared with the 6 Corporations from the Central Assistance of Rs.68.6 Cr.
- b) For the remaining 87 Municipalities, the balance Central Assistance (Rs.65.6 Cr.) may be distributed based on the quantity of water sources being used for supply.
- c) The amount thus worked out may be limited to Rs.1 Cr. and the balance amount may be kept as floating incentive.
- d) The floating incentive may be allocated based on the DPR submitted by the Municipalities.

#### General Decision:

The SLTC decided to recommend as follows to the SHPSC:

- a) The unused fund in any sector within 2 years of approval of Administrative Sanction of any ULB will be reallocated to other ULBs that require financial support.
- b) CWRDM to point out the out-layer values to SMMU, AMRUT to have a check on the data available and correction if required.

#### **1<sup>st</sup> SHPSC Decision:**

- The Committee directed that availability of land has to be ensured for all projects especially for those coming under Sewerage & Septage Sector.
- The Additional Chief Secretary, LSGD shall give a note to the Revenue Department for including AMRUT & AMRUT-2.0 projects also in the proposal to the Govt. regarding delegation of the authority to the District Collectors for transfer of land. (Action: LSGD)
- The unused fund in any sector within 2 years of approval of Administrative Sanction of any ULB will be reallocated to other ULBs that require financial support.
- The Committee approved the fund allocation as follows:

#### Water Supply Sector:

- The Committee approved the funding pattern worked out for Water Supply Sector by providing weightages of 40%, 30% & 30% for service level gaps in quantity of water supplied, water supply connections & quality of water supplied respectively.
- The Committee approved the limiting of amount worked out for AMRUT ULBs to Rs.120 Cr. and the allocation of balance amount to Non-AMRUT ULBs based on their service level gaps in Water Supply Sector.
- The KWA shall prepare Water Supply Sector proposals under AMRUT-2.0 for ULBs after conducting discussions with the respective Chairpersons, Councillors & ULB officials. The KWA shall finalize the proposals based on their inputs and according to the fund allocated.

#### Sewerage & Septage Sector:

- The Committee approved the funding pattern Option-1 (Need Based Gap: 30% STP & Networks in core areas and 70% FSTP coverage in other areas) along with the Floating Incentive Fund of Rs.262.39 Cr. (difference in Central Allocation amount of Option-1, Rs.304.91 Cr. and Option-2, Rs.567.3 Cr.).
- The Committee approved the use of Floating Incentive Fund (Central Allocation amount of Rs.212.39 Cr.) for AMRUT cities for Water Supply Sector so as to achieve universal water supply. Once this is achieved balance amount if any shall be used for Sewerage & Septage Sector.
- The Committee approved the use of Floating Incentive Fund for Non-AMRUT cities (Central Allocation amount of Rs.50 Cr.) to incentivize those ULBs that show good progress in works and for those ULBs that require additional fund for achieving universal water supply.

#### Water Body Rejuvenation & Parks:

- The Committee decided to allocate fund to ULBs on a need basis as per the DPR submitted.

- o The Committee decided to enhance the fund available, if required, for ULBs that are submitting good projects.

**Action Taken: Action initiated to prepare City Water Balance Plans of Water Supply, Sewerage/ Septage and Rejuvenation of Water Bodies.**

**Agenda Item No.3: Finalization of percentage of fund allotment by State & ULB:**

**SLTC Decision:**

Committee decided to recommend the financing option as follows;

For Municipalities; the balance project cost, after deducting Central Assistance may be shared with State bearing 75% and ULB bearing 25%.

For Municipal Corporations, the balance project cost, after deducting Central Assistance may be shared with State bearing 50% and ULB bearing 50%.

**1<sup>st</sup> SHPSC Decision:**

The Committee accepted the recommendations of SLTC and decided as follows:

- For Municipalities, the balance project cost, after deducting Central Assistance shall be shared with State bearing 75% and ULB bearing 25%.
- For Municipal Corporations, the balance project cost, after deducting Central Assistance shall be shared with State bearing 50% and ULB bearing 50%.

**Action Taken: Awaiting Government Order.**

**Agenda Item No.4: Selection of State Water Start-Up Screening Committee:**

**SLTC Decision:**

Managing Director, KWA suggested that EE Operations may be considered as representative of KWA in the State Water Start-Up Screening Committee in place of Sewerage PPD & WASCON. The Committee took note of the same and recommended the constitution State Water Start-Up Screening Committee, with the suggested members, to the SHPSC.

State Mission Director	Chairman
Deputy Mission Director	Member
Representative from Start-Up Mission	Member
Representative from Engineering College	Member
Representative from KWA(EE Operations)	Member
Representative from CWRDM	Member
Representative from Ground Water Department	Member

**1<sup>st</sup> SHPSC Decision:**

The Committee approved the constitution of State Water Start-up Screening Committee inclusive of CEO, Start-up Mission as Co-Chairman, KTU's Industry Interface Coordinator and representative of IIT Palakkad as shown below:

Mission Director, AMRUT	Chairman
CEO, Start-up Mission	Co-Chairman
Deputy Mission Director, AMRUT	Member
Industry Interface Coordinator, KTU	Member
Representative from Start-Up Mission	Member
Representative from IIT Palakkad	Member
Representative from KWA (EE Operations)	Member
Representative from CWRDM	Member
Representative from Ground Water Department	Member

**Action Taken: Awaiting Government Order for the constitution of State Water Start Up Screening Committee.**

**Agenda Item No.5: State Mission Management Unit & City Mission Management Units****SLTC Decision:**

The Committee took note of the action taken and recommended the same for SHPSC approval.

**1<sup>st</sup> SHPSC Decision:**

The Committee approved the continuation of SMMU & CMMUs for AMRUT-2.0 subject to the recommendation of Additional Chief Secretary, LSGD.

**Action Taken: Restructuring proposal under progress****Agenda Item No.6: Selection of Project Development and Management Consultants****SLTC Decision:**

The Committee took note of the action taken and recommended the constitution for SHPSC approval.

**1<sup>st</sup> SHPSC Decision**

- The Committee took note of the action taken by the Govt. in entrusting the Centre for Management Development (CMD) to invite RFPs for Project Development and Management Consultant (PDMC).
- The Committee directed to check the possibility of managing SMMU, CMMUs & PDMC within the available A & OE fund. *(Action: AMRUT)*
- The Committee approved the constitution of Consultant Screening Committee inclusive of Chief Engineer, Sewerage Wing, KWA and Dr. N.C Narayanan, IIT Mumbai as shown below:

Mission Director, AMRUT	Chairman
Technical member, KWA	Member
Chief Engineer, LSGD	Member
Director, Suchitwa Mission	Member
Director, CMD	Member
Deputy Mission Director, AMRUT	Member
Chief Engineer, Sewerage Wing, KWA	Member
Dr. N.C Narayanan, IIT Mumbai	Member

**Action Taken: Awaiting Government Order for the constitution of the Consultant Screening Committee.****Agenda Item No.7: Implementation Strategy of Water Supply Works & Sewerage Works:****SLTC Decision:**

The Committee agreed with the suggestions given in the Agenda regarding the role of KWA in implementing Water Supply projects and SEW/ SEP projects and for the execution of tripartite Agreement between Mission Director, AMRUT, KWA and ULBs.

**1<sup>st</sup> SHPSC Decision:**

- The Committee took note of the progress achieved so far and approved the suggestions given in the agenda regarding the role of KWA in implementing Water Supply and Sewerage & Septage projects and for the execution of tripartite Agreement between Mission Director, KWA and ULBs.
- The Committee directed to upload CWBPs & CWAPs in website after finalization.

*(Action: SMMU, Director, Urban Affairs)*

**Action Taken: Noted****Agenda Item No.8: Approval of Training Institutes for the training program and related activities under Capacity Building Program.****1<sup>st</sup> SHPSC Decision:**

The Committee approved the proposal to avail the services of the following training institutes for the Capacity Building Programs of AMRUT-2.0:

- 1) Indian Institute for Human Settlement (IIHS), Bangalore
- 2) Centre for Environment & Development (CED), Trivandrum
- 3) Institute of Management in Government (IMG), Trivandrum
- 4) WASH Institute, New Delhi
- 5) Kerala Institute of Local Administration (KILA), Thrissur.
- 6) CEPT (Centre for Environmental Planning & Technology) University, Ahmedabad, Gujarat

**Action Taken: Noted**

**Agenda Item No.9: Outcome based funding- Component-2: Funding at the rate of ₹ 3,000 (Rupees three thousand) per new household water tap connection.**

**SLTC Decision:**

The Committee requested KWA to actively update the portal regularly.

**1<sup>st</sup> SHPSC Decision:**

- The Committee directed LSGD/ DUA to request MoIUA to provide the incentive funding for Water Supply & Sewerage connections provided after 1<sup>st</sup> November 2021 (using non-AMRUT funds) as an additional performance incentive over and above the central allocation for the state under AMRUT-2.0, and not from the earmarked Central Allocation for the State.
- The Committee directed the Additional Chief Secretary, LSGD to give direction to KWA & ULBs regarding filling of AMRUTAM App in a timely & proper manner.

**Action Taken: Request submitted to the ACS, LSGD**

**Decision: The Committee took note of the actions taken on the decisions taken in the 1<sup>st</sup> & 2<sup>nd</sup> SLTC and 1<sup>st</sup> SHPSC meetings.**

**Agenda Item No.3: Approval of State Water Action Plans:**

As per the AMRUT 2.0 guidelines, Urban Local Bodies are required to submit City Water Balance Plans (CWBP) and City Water Action Plans (CWAP) through online portal covering proposed projects in the thrust areas. City Water Action Plans (CWAP) will comprise the list of projects proposed by the ULB in the priority sectors of water supply, rejuvenation of water bodies including green spaces & parks for 93 ULBs and sewerage/ septage management for 9 AMRUT cities. These CWAPs will congregate at State level as State Water Action Plan (SWAP).

- SWAP comprises entire list of projects, city-wise and sector-wise, proposed to be undertaken by State.
- Cost of projects exclude cost of land acquisition but O& M for 5 years
- SWAP includes project wise number of proposed new household water tap connections, sewer connections and coverage of existing water tap and sewer connections to be augmented, which shall be outcomes of such projects.
- First tranche – 5-9 months (**March 2022- August 2022**)
- Second tranche – 12 to 16 Months (**October 2022 – February 2023**)
- Third Tranche – 24 Months (**October 2023**)
- The total outlay of AMRUT 2.0 for 93 Urban Local Bodies in Kerala is Rs.3495.06Cr. with Central Assistance of Rs.1372 Cr.

**WATER SUPPLY SECTOR:**

- Rs.1713.40 Cr. (CA - Rs.736.10 Cr.) is allocated for Water Supply projects for all 93 ULBs.
- Rs.100 Cr. (CA - Rs.50 Cr.) is allocated as Floating Incentive Fund for Non-AMRUT ULBs (84 ULBs) from Sewerage & Septage Sector.
- Rs.636.16 Cr. (CA - Rs.212.39 Cr.) is allocated as Floating Incentive Fund for AMRUT ULBs (9 ULBs) from Sewerage & Septage Sector which can be utilized for Water Supply Sector to achieve universal coverage. Once this is achieved balance amount if any can be used in Sewerage & Septage Sector.
- All 93 ULBs have submitted the Water Supply projects on CWAP portal.
- The total cost of 236 projects (excluding O & M Cost of Rs.110.865 Cr.) comes to Rs.2058.014 Cr.
- All 93 ULBs have submitted the Council decision approving their water supply proposals.
- 21 ULBs have submitted proposals exceeding the allocated amount.
  - 18 ULBs within 20% excess, Total Excess Amount - Rs.8.024 Cr.
  - 3 ULBs between 20% & 30% excess, Total Excess Amount - Rs.7.341 Cr.
  - Total Excess Amount - Rs.15.365 Cr.
- The excess amount can be met from the Floating Fund of Rs.100 Cr.

- For 20 projects (12 ULBs, Project Cost - Rs.92.05 Cr.), land is to be acquired.

#### **SEWERAGE & SEPTAGE SECTOR:**

- Rs.902.16 Cr. (CA - Rs.304.91 Cr.) is allocated for Sewerage & Septage Sector for 9 AMRUT Cities.
- Thiruvananthapuram ULB has submitted 24 projects on CWAP portal for an amount of Rs.110.63 Cr. against their allocated amount of Rs.111.39 Cr.
- Proposals in Sewerage & Septage sector include laying of transmission mains, providing sewerage lines in various blocks inside the Corporation area, laying of pumping main, supplying & erection of pumpsets and construction of 10KLD FSTP (Shanthi Nagar in Pallithura Ward). The project is expected to provide 3945 nos. sewer connections in Thiruvananthapuram Corporation area.

The detail of 1<sup>st</sup> & 2<sup>nd</sup> Tranches of State Water Action Plan (SWAP) comprises of the City Water Action Plan of all 93 ULBs.

#### **Deliberation:**

The Mission Director, AMRUT informed as follows:

As per the information received informally from the MoHUA, for Water Supply Sector projects, they are considering Rs.37000 as the average cost per household benefitted and based on this information the projects submitted by the ULBs were analyzed. The project-wise cost per household benefitted and the project-wise coverage achieved were worked out.

The Additional Chief Secretary, LSGD informed as follows:

As per the information received from local bodies that have taken up projects under Jal Jeevan Mission (Rural), they are struggling to find the funds required for the proposed projects. Hence ULBs need to be careful while proposing projects with higher cost under AMRUT-2.0. Rather than proposing projects that require huge capital investment the ULBs may try to implement local micro-schemes as this might reduce the fund investment required from the ULB. The project-wise cost per household benefitted and coverage are important factors and the same needs to be considered as the criteria for selection of projects. It would be better if projects that have cost per household benefitted less than or equal to Rs.50000 and coverage achieved greater than 75% are selected for submission to MoHUA. The ULBs shall do cost optimization for their projects if they are not meeting the criteria.

The Mission Director, AMRUT informed that out of the sewerage projects submitted by Thiruvananthapuram Corporation the cost of the Faecal Sludge Treatment Plant (FSTP) project proposed seems to be high.

The Additional Chief Secretary opined that the KWA has to provide more clarity on the FSTP project submitted.

**Decision:** The Committee decided to recommend the following to the SHPSC for approval:

- a) The Water Supply Sector projects submitted by the ULBs that are having cost per household benefitted less than or equal to Rs.50000 and coverage achieved greater than 75% are selected for submission to MoHUA.
- b) The Sewerage Sector projects submitted by Thiruvananthapuram except the FSTP project are selected for submission to MoHUA.

#### **Agenda Item No.4: Operation and Maintenance (O&M) Cost of Projects:**

As per AMRUT 2.0 guidelines, the proposals under SWAP shall be inclusive of O&M Cost but the Gol will not fund the same. The ULB can meet the O&M cost through user charges including tariff rationalization. If the levying and collection of water charges are governed by KWA, the KWA can bear the O&M cost of respective projects.

**Decision:** The Committee decided to recommend the following to the SHPSC for approval:

- a) The O & M Cost for projects implemented by the ULBs shall be borne by the ULBs and the Secretaries of the ULBs shall ensure that the matter is conveyed to the Council and other related committees of the ULB.
- b) The O & M Cost for projects implemented by KWA shall be borne by KWA as they are collecting water charges and related fees from consumers.

### **Agenda Item No.5: Approval of Annual Capacity Building Plan**

As per Clause-12 of AMRUT 2.0 Guidelines, Capacity Building will be taken up for all stakeholders including Elected Representatives, ULB functionaries, Contractors, Plumbers, Plant Operators, Students, Women and Citizens. Purpose of Capacity Building is to enhance the functional knowledge and improve the job-related skills of targeted groups. Capacity building plans will be submitted along with action plan for State A&OE funds. State will have to bear the expenses on capacity building through the allocated A&OE funds.

The 1<sup>st</sup> SHPSC in its meeting approved the proposal to avail the services of 6 training institutes for the Capacity Building Programs of AMRUT-2.0. Suggested targeted groups and fields of capacity building are as under:

Sl. No.	Targeted group for Capacity Building	Suggested Fields of Capacity Building
1	Elected representatives and Municipal functionaries	<ol style="list-style-type: none"> <li>a. AMRUT2.0 and its Reform agenda</li> <li>b. Recycle/Reuse of treated used water, Rejuvenation of Water Bodies, Rain water harvesting.</li> <li>c. Project and financial management</li> <li>d. E-governance and soft skills</li> </ol>
2	Contractors, Managers and consultants	<ol style="list-style-type: none"> <li>a. Project and financial management</li> <li>b. Aspects of water &amp; sewerage infrastructure and recycle of treated used water</li> </ol>
3	Plant operators, Plumbers and Workmen	<ol style="list-style-type: none"> <li>a. O&amp;M of water supply &amp; sewerage networks and treatment plants</li> <li>b. Aspects of plumbing and plugging the leakages.</li> <li>c. RWH structures, NRW reduction,</li> </ol>
4	Citizens including Women and members of SHGs	<ol style="list-style-type: none"> <li>a. Water quality testing</li> <li>b. Management of water demand</li> <li>c. Feedbacks on functional outcomes</li> </ol>
5	Town planners	<ol style="list-style-type: none"> <li>a. Land monetization</li> <li>b. Form based planning, local area plans and town planning scheme</li> <li>c. GIS based master plans</li> </ol>

States can impart capacity building in fields other than those described in the table above as per the specific requirements of the State/ ULB. International and Intra-national visits to best water managing cities can also be taken up. The Capacity Building plan has to be submitted to MoHUA along with A&OE Plan and SWAP.

**Decision:** The Committee decided to recommend the Capacity Building Plan to the SHPSC.

### **Agenda Item No.6: Approval of Plan of Action for Administrative and other Expenses (A&OE):**

A&OE will be fully funded by the GoI and shall be utilized to cover the cost of preparing CWBPs, Program Management Units (PMUs), Detailed Project Reports (DPRs), Project Implementation Units

(PIUs), Project Development and Management Consultants (PDMCs), development of Aquifer Management Plans and Independent Review and Monitoring Agencies (IRMAs). It will also be used for capacity building.

3.25% of annual budget allocation will be earmarked for the State, which comes to Rs.44.59 Cr. A&OE funds will be released to the State in the beginning to kick start the Mission. So far we have received an amount of Rs.10.2 Cr.

Annual A&OE allocation to a State/ ULB will be released in two installments. First installment for the first year will be released on receipt of A&OE action plan. Second installment will be released on receipt of online claims and UC worth at least 75% of central assistance already released. In subsequent years, first installment will be released on receipt of action plan and UC worth 75% of the A&OE fund released in previous years. Eligible A&OE funds will be restricted as per proportion of actual expenditure.

State A&OE funds can be spent on following:

- Capacity building, preparation of CWBPs, Program Management/ Implementation Unit (PMU/ PIU)
- Project Development and Management Consultant (PDMC)
- State Mission Management Unit (SMMU)
- City or City cluster Mission Management Unit (CMMU)
- Preparation of Detailed Project Reports (DPRs)
- Publications like e-Newsletter, guidelines, brochures etc., promotional activities for Mission
- Display of the logo and tagline of AMRUT 2.0 prominently on all projects,
- Reform implementation


Following is the indicative (not exhaustive) list of inadmissible components under A&OE:


- Purchase of land for projects or project related works,
- Regular staff salaries of State Governments/ULBs,
- Any other purpose not oriented towards achieving Mission objectives.

A&OE action plan needs to be submitted along with the SWAPs.

**Decision:** The Committee decided to recommend the A & OE Action Plan to the SHPSC.

The meeting came to an end at 6:30 PM.

  
Mission Director  
AMRUT

  
Additional Chief Secretary  
Local Self Government Department

Sarada Muraleedharan IAS  
Additional Chief Secretary  
Local Self Government Department  
Government Secretariat  
Thiruvananthapuram.



### 3<sup>rd</sup> SLTC meeting of AMRUT 2.0 dtd 21.06.2022

#### List of Participants

- Dr. Beena Philip, Hon'ble Mayor, Kozhikode Corporation
- Sri. M.K. Varghese, Mayor, Thrissur Corporation
- Smt. SaradaMuraleedharan IAS, Additional Chief Secretary, LSG Department
- Sri. Venkateshpathi S IAS, Managing Director, Kerala Water Authority
- Sri. Arun.K.Vijayan IAS Mission Director, AMRUT
- Sri. Johnson, Chief Engineer, LSGDepartment.
- Sri. Praveen.K.S, Director (LWM), Suchitwa Mission
- Sri. Ramanath.G, Under Secretary, Power Department
- Sri. Madhusoodhanan.P.S., Under Secretary, Finance Department
- Sri. Alex Varghese, Chief Engineer, Irrigation & Administration
- Sri. Anil Kumar.K.K., Chief Engineer (P&O), Kerala Water Authority
- Sri.Ajayakumar.S. Senior Town Planner, O/o. the Chief Town Planner
- Sri. Ajith.C, Assistant, Revenue Department
- Sri. Vivek, Scientist, CWRDM
- Sri. Sanjay, Scientist, NATPAC
- Sri. Binu Francis, Secretary, Thiruvananthapuram Corporation
- Sri. D Jayakumar, Secretary, Palakkad Municipality
- Sri. Naisam.A.S., Secretary, Kochi Corporation
- Sri. P.K.Sajeev Secretary, Kollam Corporation
- Smt. Bini.K., Secretary, Kozhikode Corporation
- Smt. Beena.S.Kumar, Secretary, Gururvayur Municipality
- Sri. Rahesh Kumar, Secretary, Thrissur Corporation
- Sri. Vinu C Kunjappan, Secretary, Kannur Corporation
- Sri. NeethuLal P, Secretary, Alappuzha Municipality
- Sri. T.K. Sujith, Secretary, Cherthala Municipality
- Sri. Pramod.K, Secretary, Shoranur Municipality
- Sri. Krishnaraj.N.P., Secretary, Piravom Municipality
- Sri. Vinod Kumar S, Secretary, Mattannur Municipality
- Sri.Manoj K K, Secretary, WadakkancheryMunicipality
- Sri.Ali Asuhar NK. Secretary, SulthanBathery Municipality
- Smt. Seena. H, Secretary, Cherpulassery Municipality
- Sri. Sandeep Kumar.V.S, Secretary, Kottakkal Municipality
- Smt. Sherla Beegam, Secretary, Pathanamthitta Municipality
- Sri.P.N.Aneesh, Secretary, Anthoor Municipality
- Sri. Nandakumar.P., Secretary (i/c), Chittoor-Thathamangalam Municipality
- Smt. Sini.T.N., Secretary, North Paravoor, Municipality
- Sri. Suresh Kumar.N, Secretary, Koyilandy Municipality

- Smt. Jesitha.R.J, Secretary, Ramanattukara Municipality
- Sri. Jayakumar.P.R, Secretary, Kalamassery Municipality
- Sri. Sujith.P., Secretary (i/c), Koduvally Municipality
- Sri. Manoj Kumar. T, Secretary, Tanur Municipality
- Sri. Arif Khan, Secretary, Muvattupuzha Municipality
- Smt. Sumayya Beevi, Secretary, Erattupetta Municipality
- Sri.M.K. Girish, Secretary, Payyannur Municipality
- Sri. Abdul Sajeem.S., Secretary, Nedumangad Municipality
- Smt. M.S. Latha, Superintending Engineer, Kollam Corporation
- Smt. Shaibi George, Superintending Engineer, Thrissur Corporation
- Sri. Dileep.M.S., Superintending Engineer, Kozhikode Corporation
- Smt.E.Leela, Municipal Engineer, Guruvayur Municipality
- Sri. Shibu.L.Nalapat, Municipal Engineer, Alappuzha
- Sri. Jayaprakash, Executive Engineer, KWA, Guruvayur
- Sri. Hareesh, Executive Engineer, PWD (Roads) Guruvayur
- Sri. Raj.J.R, Executive Engineer, Thrissur Corporation
- Sri. Ragesh.P.P., Executive Engineer, Kannur Corporation
- Sri.Valsan.P.P., Executive Engineer, Kannur
- Smt.Ganga.R.S., Executive Engineer (Nodal Officer), Thiruvananthapuram
- Sri. Biju.P.V., Assistant Executive Engineer, Kannur Corporation
- Smt. Sheeja.S.S. Executive Engineer, Thrissur Corporation
- Sri. Udayan.K.U, Executive Engineer, Kozhikode Corporation
- Sri. Suresh.K.S., Assistant Executive Engineer, Kochi Corporation
- Sri. Rana M.R, Assistant Executive Engineer, Kollam Corporation
- Smt. Reshma Ravi, Municipal Engineer, South Paravur Municipality.
- Sri. Upendran.V.V. Municipal Engineer, Nileschwaram Municipality
- Sri. Anoj Kumar, Municipal Engineer, Nedumangad Municipality
- Smt. Bindu Velayudhan, Assistant Executive Engineer, Thiruvalla Municipality
- Smt.Minimol.N, Assistant Engineer and secretary (i/c), Malappuram Municipality
- Smt. Anupama.T, FGO, Parappanangadi Municipality
- Sri. Eldhose Paul. Assistant Engineer, Kothamangalam Municipality
- Sri.Binu.M.M, Assistant Engineer, Pattambi Municipality
- Sri. Swaroop.A, Assistant Engineer, Iritty Municipality
- Sri. Jomon.T.P., Assistant Engineer, Kasaragod Municipality
- Smt Sweeta Francis, Assistant Engineer, Tripunithura Municipality
- Sri. Sujith Gopinath, Assistant Engineer, Ponnani Municipality
- Sri.Rajesh, Superintendent, Kuthuparamba Municipality

ANNEXURE- 2							
City Mission Management Unit-Proposed Staff Structure for AMRUT 2.0							
District	Number of ULBs (Nos)	Total proposed Staff in Districts (Nos)	Proposed Staff in cities (Nos)	Assigned number of cities per Experts	Qualification & Experience	Remuneration	Remarks
Trivandrum	5	2	1	TVM Corp-AMRUT 1 city	Graduation in Engineering. More than 7 years of experience in planning, implementing and monitoring infrastructure/ Water supply/Septage/ Sewerage projects.	Rs. 70,000/-	17 experts have been positioned in CMMUs. Vacancy notification published in dailies for remaining positions.
			1	4 Municipalities			
Kollam	5	2	1	KLM corp-AMRUT 1 city			
			1	4 Municipalities			
Pathanamthitta	4	1	1	4 Municipalities			
Alappuzha	6	2	1	Alappuzha AMRUT 1 city			
			1	5 Municipality			
Kottayam	6	1	1	6 Municipalities			
Ernakulam	14	3	1	Kochi Corporation-AMRUT 1 city			
			1	5 Municipalities			
			1	5 Municipalities			
Idukki	2	1	1	5 Municipalities			
Thrissur	8	3	2	2 for Trissur & Guruvayoor AMRUT			
			1	7 Municipalities			
Palakkad	7	2	1	Palakkad AMRUT 1 City			
			1	6 Municipalities			
Kannur	10	2	1	Kannur AMRUT 1 City			
			1	6 Municipalities			
Kasargod		1	1	6 Municipalities			
Kozhikkode	8	2	1	Kozhikkode AMRUT 1 city			
			1	6 Municipalities			
Wayanad	3	1	1	5 Municipalities			
Malappuram	12	2	1	6 Municipalities			
			1	6 Municipalities			
<b>Total</b>	<b>93</b>	<b>25</b>	<b>25</b>				

**State Mission Management Unit -Proposed Staff pattern for AMRUT 2.0**

Sl.No	Name of Post	Number of Post (Nos)	Qualification	Experience	Remuneration	Present Status
1	Deputy Mission Director-Water Supply	1	Graduate in Engineering. Post-Graduate in Engineering /Management preferred.	<ul style="list-style-type: none"> <li>• Candidates with more than 20 years of work experience in Water supply sector.</li> <li>• Candidate should have strong background in Project Management</li> <li>• Retired Superintending Engineer or above who has more than 20 years of experience in water supply sector under State Government departments preferred.</li> </ul>	Rs.1,00,000	Vacant. Vacancy notification published
2	Deputy Mission Director-Used Water	1	Graduate in Engineering. Post-Graduate in Environmental Engineering preferred	<ul style="list-style-type: none"> <li>• Candidates with more than 20years of work experience in Water supply/Liquid waste management.</li> <li>• Candidate should have 5 years of work experience in planning, implementing and monitoring Septage/Sewerage projects.</li> <li>• Strong background in Project Management.</li> <li>• Retired Superintending Engineer or above who has more than 5years of experience in Used Water sector (Septage/Sewerage) preferred.</li> </ul>	Rs.1,00,000	Vacant. Vacancy notification published
3	Infrastructure cum Water Expert	3	Graduate in Engineering	<p>10-15yrs of experience in managing of infrastructure/Urban development projects.</p> <p>Experience in Water Supply /Used water projects preferred.</p> <p>Experience in Government aided projects preferred.</p>	Rs.80,000	Positioned
4	Municipal Finance Expert	1	M.Com/ CA/ M.B.A (Finance) or equivalent	<p>10-15 years of experience accounting /Municipal Finance /Urban Development.</p> <p>• Experience to advice and to give hand holding support to Municipalities in Municipal Finance Preferred.</p> <p>• Experience in Government aided projects preferred</p>	Rs.80,000	Positioned
5	Capacity Building & Institutional Strengthening Expert	1	Post-Graduation in Social Science (Social Work/ Sociology 'or' equivalent.)	<p>10-15 years of experience in Capacity Building/Urban Governance/ Urban Development.</p> <p>• Experience in designing, implementing and evaluating Capacity Building activities preferably for the functionaries of Municipalities preferred.</p> <p>• Experience in Government aided projects preferred.</p>	Rs.80,000	Positioned
6	IT cum Monitoring & Evaluation Expert	1	B. Tech (CS/IT) or equivalent. M. Tech desirable.	<p>10-15 years of experience in IT, Monitoring and Evaluation of projects/schemes, preferably in Urban Sector.</p> <p>• Experience in system &amp; network administration, website development and management preferred.</p> <p>• Experience in Government aided projects preferred.</p>	Rs.80,000	Positioned
7	Environmental Expert cum Hydrogeologist	1	Post- Graduate in Environmental Engineering/ MSc Geology Or Equivalent	<ul style="list-style-type: none"> <li>• More than 10 years of experience in Liquid waste management /Urban Aquifer Management.</li> <li>• Experience in planning and implementing infrastructure development projects.</li> </ul>	Rs.80,000	Vacant. Vacancy notification published

### City Mission Management Unit-Proposed Staff Structure for AMRUT 2.0

District	Number of ULBs (Nos)	Total proposed Staff in Districts (Nos)	Proposed Staff in cities (Nos)	Assigned number of cities per Experts	Qualification & Experience	Remuneration	Remarks
Trivandrum	5	2	1	TVM Corp-AMRUT 1 city	Graduation in Engineering. More than 7 years of experience in planning, implementing and monitoring infrasructure/ Water supply/Septage/ Sewerage projects.	Rs.70,000/-	17 experts have been positioned in CMMUs. Vacancy notification published in dailies for remaining positions.
			1	4 Municipalities			
Kollam	5	2	1	KLM corp-AMRUT 1 city			
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Alappuzha	6	2	1	Alappuzha AMRUT 1 city			
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Kottayam	6	1	1	6 Municipalities			
Ernakulam	14	3	1	Kochi Corporation-AMRUT 1 city			
			1	5 Municipalities			
			1	5 Municipalities			
Idukki	2	1	1	5 Municipalities			
Thrissur	8	3	2	2 for Trissur & Guruvayoor AMRUT			
			1	7 Municipalities			
Palakkad	7	2	1	Palakkad AMRUT 1 City			
			1	6 Municipalities			
Kannur	10	2	1	Kannur AMRUT 1 City			
			1	6 Municipalities			
Kasargod		1	1	6 Municipalities			
Kozhikkode	8	2	1	Kozhikkode AMRUT 1 city			
			1	6 Municipalities			
Wayanad	3	1	1	5 Municipalities			
Malappuram	12	2	1	6 Municipalities			
			1	6 Municipalities			
<b>Total</b>	<b>93</b>	<b>25</b>	<b>25</b>				

**State Mission Management Unit -Proposed Staff pattern for AMRUT 2.0**

Sl.No	Name of Post	Number of Post (Nos)	Qualification	Experience	Remuneration	Present Status
1	Deputy Mission Director-Water Supply	1	Graduate in Engineering. Post-Graduate in Engineering /Management preferred.	<ul style="list-style-type: none"> <li>• Candidates with more than 20 years of work experience in Water supply sector.</li> <li>• Candidate should have strong background in Project Management</li> <li>• Retired Superintending Engineer or above who has more than 20 years of experience in water supply sector under State Government departments preferred.</li> </ul>	Rs.1,00,000	Vacant. Vacancy notification published
2	Deputy Mission Director-Used Water	1	Graduate in Engineering. Post-Graduate in Environmental Engineering preferred	<ul style="list-style-type: none"> <li>• Candidates with more than 20years of work experience in Water supply/Liquid waste management.</li> <li>• Candidate should have 5 years of work experience in planning, implementing and monitoring Septage/Sewerage projects.</li> <li>• Strong background in Project Management.</li> <li>• Retired Superintending Engineer or above who has more than 5years of experience in Used Water sector (Septage/Sewerage) preferred.</li> </ul>	Rs.1,00,000	Vacant. Vacancy notification published
3	Infrastructure cum Water Expert	3	Graduate in Engineering	<p>10-15yrs of experience in managing of infrastructure/Urban development projects.</p> <p>Experience in Water Supply /Used water projects preferred.</p> <p>Experience in Government aided projects preferred</p>	Rs.80,000	Positioned
4	Municipal Finance Expert	1	M.Com/ CA/ M.B.A (Finance) or equivalent	<p>10-15 years of experience accounting /Municipal Finance /Urban Development.</p> <ul style="list-style-type: none"> <li>• Experience to advice and to give hand holding support to Municipalities in Municipal Finance Preferred.</li> <li>• Experience in Government aided projects preferred</li> </ul>	Rs.80,000	Positioned
5	Capacity Building & Institutional Strengthening Expert	1	Post-Graduation in Social Science (Social Work/ Sociology 'or' equivalent.)	<p>10-15 years of experience in Capacity Building/Urban Governance/ Urban Development.</p> <ul style="list-style-type: none"> <li>• Experience in designing, implementing and evaluating Capacity Building activities preferably for the functionaries of Municipalities preferred.</li> <li>• Experience in Government aided projects preferred.</li> </ul>	Rs.80,000	Positioned
6	IT cum Monitoring & Evaluation Expert	1	B. Tech (CS/IT) or equivalent. M. Tech desirable.	<p>10-15 years of experience in IT, Monitoring and Evaluation of projects/schemes, preferably in Urban Sector.</p> <ul style="list-style-type: none"> <li>• Experience in system &amp; network administration, website development and management preferred.</li> <li>• Experience in Government aided projects preferred.</li> </ul>	Rs.80,000	Positioned
7	Environmental Expert cum Hydrogeologist	1	Post- Graduate in Environmental Engineering/ MSc Geology Or Equivalent	<ul style="list-style-type: none"> <li>• More than 10 years of experience in Liquid waste management /Urban Aquifer Management.</li> <li>• Experience in planning and implementing infrastructure development projects.</li> </ul>	Rs.80,000	Vacant. Vacancy notification published

**Minutes of the 2<sup>nd</sup> State Level High Powered Steering Committee (SHPS) of Atal Mission for Rejuvenation and Urban Transformation 2.0 (AMRUT 2.0) held on 05<sup>th</sup> July 2022 at 11:00 AM through video conference by the Chief Secretary, Government of Kerala.**

The meeting of the 2<sup>nd</sup> State Level High Powered Steering Committee (SHPS) of AMRUT 2.0, chaired by Dr. V P Joy IAS, Chief Secretary, Government of Kerala commenced at 11:00 AM. *(List of participants attached as Annexure 2)*

Sri. Arun K Vijayan IAS, Mission Director, AMRUT presented the points in the agenda note.

**Agenda Item No.1: APPROVAL OF MINUTES OF THE 1<sup>st</sup> SHPS**

**Decision:** The Committee approved the minutes of the 1<sup>st</sup> SHPS meetings.

**Agenda Item No.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 1<sup>st</sup> SHPS MEETING**

**Agenda Item No.1: Introduction to Atal Mission for Rejuvenation & Urban Transformation (AMRUT 2.0)**

**1<sup>st</sup> SHPS Decision:**

- The Committee took note of the AMRUT Guidelines.
  - The Committee directed KWA to assist the ULBs for ensuring completion of CWAP filling by the end of May-2022. *(Action: Managing Director, KWA)*
  - The Committee took note of the action taken to include Kottayam Municipality under SBM-U.
- The Committee took note of the G.O issued which permits ULBs to use XV FC tied grant as ULB share.

**Action Taken:** Noted

**Agenda Item No.2: Finalization of funding pattern for AMRUT 2.0**

**1<sup>st</sup> SHPS Decision:**

- The Committee directed that availability of land has to be ensured for all projects especially for those coming under Sewerage & Septage Sector.
- The Additional Chief Secretary, LSGD shall give a note to the Revenue Department for including AMRUT & AMRUT-2.0 projects also in the proposal to the Govt. regarding delegation of the authority to the District Collectors for transfer of land. *(Action: LSGD)*
- The unused fund in any sector within 2 years of approval of Administrative Sanction of any ULB will be reallocated to other ULBs that require financial support.
- The Committee approved the fund allocation as follows:

**Water Supply Sector:**

- The Committee approved the funding pattern worked out for Water Supply Sector by providing weightages of 40%, 30% & 30% for service level gaps in quantity of water supplied, water supply connections & quality of water supplied respectively.
- The Committee approved the limiting of amount worked out for AMRUT ULBs to Rs.120 Cr. and the allocation of balance amount to Non-AMRUT ULBs based on their service level gaps in Water Supply Sector.
- The KWA shall prepare Water Supply Sector proposals under AMRUT-2.0 for ULBs after conducting discussions with the respective Chairpersons, Councillors & ULB officials. The KWA shall finalize the proposals based on their inputs and according to the fund allocated.

**Sewerage & Septage Sector:**

- The Committee approved the funding pattern Option-1 (Need Based Gap: 30% STP & Networks in core areas and 70% FSTP coverage in other areas) along with the Floating Incentive Fund of Rs.262.39 Cr. (difference in Central Allocation amount of Option-1, Rs.304.91 Cr. and Option-2, Rs.567.3 Cr.).
- The Committee approved the use of Floating Incentive Fund (Central Allocation amount of Rs.212.39 Cr.) for AMRUT cities for Water Supply Sector so as to achieve universal water supply. Once this is achieved balance amount if any shall be used for Sewerage & Septage Sector.
- The Committee approved the use of Floating Incentive Fund for Non-AMRUT cities (Central Allocation amount of Rs.50 Cr.) to incentivize those ULBs that show good progress in works and for those ULBs that require additional fund for achieving universal water supply.

**Water Body Rejuvenation & Parks:**

- The Committee decided to allocate fund to ULBs on a need basis as per the DPR submitted.
- The Committee decided to enhance the fund available, if required, for ULBs that are submitting good projects.

**Action Taken:** Action initiated to prepare City Water Balance Plans of Water Supply, Sewerage/ Septage and Rejuvenation of Water Bodies.

**Agenda Item No.3: Finalization of percentage of fund allotment by State & ULB:**

**1<sup>st</sup> SHPSC Decision:**

The Committee accepted the recommendations of SLTC and decided as follows:

- For Municipalities, the balance project cost, after deducting Central Assistance shall be shared with State bearing 75% and ULB bearing 25%.
- For Municipal Corporations, the balance project cost, after deducting Central Assistance shall be shared with State bearing 50% and ULB bearing 50%.

**Action Taken:** Awaiting Government Order.

**Agenda Item No.4: Selection of State Water Start-Up Screening Committee:**

**1<sup>st</sup> SHPSC Decision:**

The Committee approved the constitution of State Water Start-up Screening Committee inclusive of CEO, Start-up Mission as Co-Chairman, KTU's Industry Interface Coordinator and representative of IIT Palakkad as shown below:

Mission Director, AMRUT	Chairman
CEO, Start-up Mission	Co-Chairman
Deputy Mission Director, AMRUT	Member
Industry Interface Coordinator, KTU	Member
Representative from Start-Up Mission	Member
Representative from IIT Palakkad	Member
Representative from KWA (EE Operations)	Member
Representative from CWRDM	Member
Representative from Ground Water Department	Member

**Action Taken:** Government Order issued.

**Agenda Item No.5: State Mission Management Unit & City Mission Management Units**

**1<sup>st</sup> SHPSC Decision:**

The Committee approved the continuation of SMMU & CMMUs for AMRUT-2.0 subject to the recommendation of Additional Chief Secretary, LSGD.

**Action Taken:** Restructuring proposal under progress.

**Agenda Item No.6: Selection of Project Development and Management Consultants (PDMC)**

**1<sup>st</sup> SHPSC Decision**

- The Committee took note of the action taken by the Govt. in entrusting the Centre for Management Development (CMD) to invite RFPs for Project Development and Management Consultant (PDMC).
- The Committee directed to check the possibility of managing SMMU, CMMUs & PDMC within the available A & OE fund. (Action: AMRUT)
- The Committee approved the constitution of Consultant Screening Committee inclusive of Chief Engineer, Sewerage Wing, KWA and Dr. N.C Narayanan, IIT Mumbai as shown below:

Mission Director, AMRUT	Chairman
Technical member, KWA	Member
Chief Engineer, LSGD	Member
Director, Suchitwa Mission	Member
Director, CMD	Member
Deputy Mission Director, AMRUT	Member
Chief Engineer, Sewerage Wing, KWA	Member
Dr.N.C Narayanan, IIT Mumbai	Member



**Action Taken:** Awaiting Government Order for the constitution of the Consultant Screening Committee.

**Agenda Item No.7: Implementation Strategy of Water Supply Works & Sewerage Works:**

**1<sup>st</sup> SHPSC Decision:**

- The Committee took note of the progress achieved so far and approved the suggestions given in the agenda regarding the role of KWA in implementing Water Supply and Sewerage & Septage projects and for the execution of tripartite Agreement between Mission Director, KWA and ULBs.
- The Committee directed to upload CWBPs & CWAPs in website after finalization.

(Action: SMMU, Director, Urban Affairs)

**Action Taken:** Noted

**Agenda Item No.8: Approval of Training Institutes for the training program and related activities under Capacity Building Program.**

**1<sup>st</sup> SHPSC Decision:**

The Committee approved the proposal to avail the services of the following training institutes for the Capacity Building Programs of AMRUT-2.0:

- 1) Indian Institute for Human Settlement (IIHS), Bangalore
- 2) Centre for Environment & Development (CED), Trivandrum
- 3) Institute of Management in Government (IMG), Trivandrum
- 4) WASH Institute, New Delhi
- 5) Kerala Institute of Local Administration (KILA), Thrissur.
- 6) CEPT (Centre for Environmental Planning & Technology) University, Ahmedabad, Gujarat

**Action Taken:** Noted

**Agenda Item No.9: Outcome based funding- Component-2: Funding at the rate of ₹ 3,000 (Rupees three thousand) per new household water tap connection.**

**1<sup>st</sup> SHPSC Decision:**

- The Committee directed LSGD/ DUA to request MoHUA to provide the incentive funding for Water Supply & Sewerage connections provided after 1<sup>st</sup> November 2021 (using non-AMRUT funds) as an additional performance incentive over and above the central allocation for the state under AMRUT-2.0, and not from the earmarked Central Allocation for the State.
- The Committee directed the Additional Chief Secretary, LSGD to give direction to KWA & ULBs regarding filling of AMRUTAM App in a timely & proper manner.

**Action Taken:** Request submitted to the ACS, LSGD

**Deliberations:**

The Principal Secretary, LSGD informed that the Decision No.09 of the 1<sup>st</sup> SHPSC to request MoHUA to provide the incentive funding for Water Supply & Sewerage connections provided after 1<sup>st</sup> November 2021 (using non-AMRUT funds) as an additional performance incentive over and above the Central Allocation, was conveyed to MoHUA and it was clarified verbally that no additional fund could be provided other than the allocated fund.

**Decision:** The Committee took note of the actions taken on the decisions of the 1<sup>st</sup> SHPSC meeting.

**Agenda Item No.3: Approval of State Water Action Plans:**

As per the AMRUT 2.0 guidelines, Urban Local Bodies are required to submit City Water Balance Plans (CWBPs) and City Water Action Plans (CWAPs) through online portal covering proposed projects in the thrust areas. City Water Action Plans (CWAPs) will comprise the list of projects proposed by the ULB in the priority sectors of water supply, rejuvenation of water bodies including green spaces & parks for 93 ULBs and sewerage/ septage management for 9 AMRUT cities. These CWAPs will congregate at State level as State Water Action Plan (SWAP).

- SWAP comprises entire list of projects, city-wise and sector-wise, proposed to be undertaken by State.
- Cost of projects exclude cost of land acquisition but O& M for 5 years
- SWAP includes project wise number of proposed new household water tap connections, sewer connections and coverage of existing water tap and sewer connections to be augmented, which shall be outcomes of such projects.
- First tranche – 5 to 9 months (March 2022- August 2022)
- Second tranche – 12 to 16 Months (October 2022 – February 2023)

- Third Tranche – 24 Months (**October 2023**)
- The total outlay of AMRUT 2.0 for 93 Urban Local Bodies in Kerala is Rs.3495.06Cr. with Central Assistance of Rs.1372 Cr.

#### **WATER SUPPLY SECTOR:**

- Rs.1713.40 Cr. (CA - Rs.736.10 Cr.) is allocated for Water Supply projects for all 93 ULBs.
- Rs.100 Cr. (CA - Rs.50 Cr.) is allocated as Floating Incentive Fund for Non-AMRUT ULBs (84 ULBs) from Sewerage & Septage Sector.
- Rs.636.16 Cr. (CA - Rs.212.39 Cr.) is allocated as Floating Incentive Fund for AMRUT ULBs (9 ULBs) from Sewerage & Septage Sector which can be utilized for Water Supply Sector to achieve universal coverage. Once this is achieved balance amount if any can be used in Sewerage & Septage Sector.
- 195 projects of 77 ULBs worth Rs.1698.097 Cr. with Central Assistance of Rs.688.849 Cr. fulfilled the criteria recommended by the SLTC (*projects submitted by the ULBs that are having cost per households benefitted less than or equal to Rs.50000 and coverage achieved greater than 75%*) and the same has been included in 1<sup>st</sup> Tranche of SWAP.
- 28 ULBs have submitted proposals exceeding the allocated amount (Total Excess Cost – Rs.14.549 Cr.)
  - 0 to 10% Excess – 23 ULBs – Total Excess Cost – Rs.2.345 Cr.
  - 10 to 20% Excess – 2 ULBs – Total Excess Cost – Rs.4.863 Cr.
  - 20% & 30% Excess – 3 ULBs – Total Excess Amount – Rs.7.341 Cr.
  - The excess amount can be met from the Floating Fund of Rs.100 Cr.
- Land is to be acquired for 19 projects of 8 ULBs worth Rs.63.861 Cr. (CA – Rs.28.676 Cr.)

#### **SEWERAGE & SEPTAGE SECTOR:**

- Rs.902.16 Cr. (CA - Rs.304.91 Cr.) is allocated for Sewerage & Septage Sector for 9 AMRUT Cities.
- 23 projects of Thiruvananthapuram Corporation worth Rs.104.632 Cr. has been included in the 1<sup>st</sup> Tranche of SWAP.

#### **Recommendation of 3<sup>rd</sup> SLTC:**

The Committee decided to recommend the following to the SHPSC for approval:

- a) The Water Supply Sector projects submitted by the ULBs that are having cost per household benefitted less than or equal to Rs.50000 and coverage achieved greater than 75% are selected for submission to MoHUA.
- b) The Sewerage Sector projects submitted by Thiruvananthapuram except the FSTP project are selected for submission to MoHUA.

#### **Deliberation:**

The Managing Director, KWA informed that Price-3 has been adopted in KWA from 20.06.2022 onwards and hence there might be a slight increase in the amounts mentioned in this agenda as well as the amounts mentioned in the subsequent agendas related to KWA works.

The Secretary, PWD informed that the estimates recast in Price-3 have generally shown 10 to 15% decrease in amount.

The Managing Director, KWA informed that KWA has separate rates for pipes and the last revision of these rates were done in 2003. KWA had tried to revise the rates in 2021 but the same was objected by the CTP. Hence KWA had to approach the Govt. and the Govt. approved the revised rates on 02.06.2022. The revised pipes rates are more than the earlier rates and the same have been used for recasting the estimates in Price-3. Hence the recast estimate amounts prepared as per Price-3 are expected to increase.

The Additional Chief Secretary, LSGD opined that since KWA is following Price-3 rates for other items also there could be a decrease in the estimated amount related to non-pipe items. The Additional Chief Secretary, LSGD added that the KWA needs to clarify if all <sup>estimates of</sup> AMRUT projects (AMRUT & AMRUT-2.0) <sup>have been prepared</sup> are in Price-3.

The Managing Director, KWA informed that the KWA will re-check the estimates and added that AMRUT-1 projects that require revision have been entered in Price-3 but AMRUT-2.0 projects have not been entered.

The Chief Secretary informed that a detailed note has to be given by KWA clarifying the revised amounts required for AMRUT projects as per Price-3.

**Decision:**

1) The Committee approved the following criteria fixed by the SLTC for selection of Water Supply projects in the State Water Action Plan:

The Water Supply Sector projects that are having cost per household benefitted less than or equal to Rs.50000 and coverage achieved greater than 75% will be selected for submission to MoHUA.

2) The Committee approved the 1<sup>st</sup> Tranche of State Water Action Plan comprising of the following for submission to MoHUA:

a) 199 Water Supply Sector projects worth Rs.1738.026 Cr. submitted by 81 ULBs.

b) 23 Sewerage Sector projects worth Rs.104.632 Cr. submitted by Thiruvananthapuram Corporation.

3) All AMRUT cities shall prepare the City Water Action Plans for Sewerage / Septage projects at the earliest.

4) The Managing Director, KWA shall submit a note clarifying the project costs of AMRUT-2.0 projects as per Price-3.

*Action- Clarification Note of MD KWA is attached as Annexure-1.*

5) Only those projects that meet the conditions set by the SLTC shall be considered for AS in the 1<sup>st</sup> Tranche.

**Agenda Item No.4: Operation and Maintenance (O&M) Cost of Projects:**

As per AMRUT 2.0 guidelines, the proposals under SWAP shall be inclusive of O&M Cost but the GoI will not fund the same. The ULB can meet the O&M cost through user charges including tariff rationalization. If the levying and collection of water charges are governed by KWA, the KWA can bear the O&M cost of respective projects.

**Recommendation of 3<sup>rd</sup> SLTC:**

The Committee decided to recommend the following to the SHPSC for approval:

a) The O & M Cost for projects implemented by the ULBs shall be borne by the ULBs and the Secretaries of the ULBs shall ensure that the matter is conveyed to the Council and other related committees of the ULB.

b) The O & M Cost for projects implemented by KWA shall be borne by KWA as they are collecting water charges and related fees from consumers.

**Decision:**The Committee approved the following recommendations of the SLTC:

a) The O & M Cost for projects implemented by the ULBs shall be borne by the ULBs and the Secretaries of the ULBs shall ensure that the matter is conveyed to the Council and other related committees of the ULB.

b) The O & M Cost for projects implemented by KWA shall be borne by KWA as they are collecting water charges and related fees from consumers.

**Agenda Item No.5: Approval of Annual Capacity Building Plan:**

As per Clause-12 of AMRUT 2.0 Guidelines, Capacity Building will be taken up for all stakeholders including Elected Representatives, ULB functionaries, Contractors, Plumbers, Plant Operators, Students, Women and Citizens. Purpose of Capacity Building is to enhance the functional knowledge and improve the job-related skills of targeted groups. Capacity building plans will be submitted along with action plan for State A&OE funds. State will have to bear the expenses on capacity building through the allocated A&OE funds.

The 1<sup>st</sup> SHPSC in its meeting approved the proposal to avail the services of 6 training institutes for the Capacity Building Programs of AMRUT-2.0. Suggested targeted groups and fields of capacity building are as under:

Sl. No.	Targeted group for Capacity Building	Suggested Fields of Capacity Building
1	Elected representatives and Municipal functionaries	a. AMRUT 2.0 and its Reform agenda b. Recycle/Reuse of treated used water, Rejuvenation of Water Bodies, Rainwater harvesting. c. Project and financial management d. E-governance and soft skills
2	Contractors, Managers and consultants	a. Project and financial management b. Aspects of water & sewerage infrastructure and recycle of treated used water
3	Plant operators, Plumbers and Workmen	a. O&M of water supply & sewerage networks and treatment plants b. Aspects of plumbing and plugging the leakages. c. RWH structures, NRW reduction.
4	Citizens including Women and members of SHGs	a. Water quality testing b. Management of water demand c. Feedback on functional outcomes
5	Town planners	a. Land monetization b. Form based planning, local area plans and town planning scheme c. GIS based master plans

States can impart capacity building in fields other than those described in the table above as per the specific requirements of the State/ ULB. International and Intra-national visits to best water managing cities can also be taken up. The Capacity Building plan has to be submitted to MoHUA along with A&OE Plan and SWAP.

#### Recommendation of 3<sup>rd</sup> SLTC:

The Committee decided to recommend the Capacity Building Plan to the SHPSC.

**Decision: The Committee decided to approve the Capacity Building Plan and its submission to MoHUA.**

#### Agenda Item No.6: Approval of Action Plan for Administrative & Other Expenses (A&OE):

A&OE will be fully funded by the GoI and shall be utilized to cover the cost of preparing CWBPs, Program Management Units (PMUs), Detailed Project Reports (DPRs), Project Implementation Units (PIUs), Project Development and Management Consultants (PDMCs), development of Aquifer Management Plans and Independent Review and Monitoring Agencies (IRMAs). It will also be used for capacity building.

3.25% of annual budget allocation will be earmarked for the State, which comes to Rs.44.59 Cr. A&OE funds will be released to the State in the beginning to kick start the Mission. So far we have received an amount of Rs.10.2 Cr.

Annual A&OE allocation to a State/ ULB will be released in two installments. First installment for the first year will be released on receipt of A&OE action plan. Second installment will be released on receipt of online claims and UC worth at least 75% of central assistance already released. In subsequent years, first installment will be released on receipt of action plan and UC worth 75% of the A&OE fund released in previous years. Eligible A&OE funds will be restricted as per proportion of actual expenditure.

State A&OE funds can be spent on following:

- Capacity building, preparation of CWBPs, Program Management/ Implementation Unit (PMU/ PIU)
- Project Development and Management Consultant (PDMC)
- State Mission Management Unit (SMMU)
- City or City cluster Mission Management Unit (CMMU)

- Preparation of Detailed Project Reports (DPRs)
- Publications like e-Newsletter, guidelines, brochures etc., promotional activities for Mission
- Display of the logo and tagline of AMRUT 2.0 prominently on all projects,
- Reform implementation

Following is the indicative (not exhaustive) list of inadmissible components under A&OE:

- Purchase of land for projects or project related works,
- Regular staff salaries of State Governments/ULBs,
- Any other purpose not oriented towards achieving Mission objectives.

A&OE action plan needs to be submitted along with the SWAPs.

**Recommendation of 3<sup>rd</sup> SLTC:**

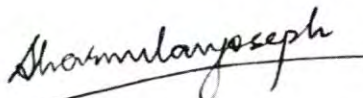
The Committee decided to recommend the A & OE Action Plan to the SHPSC.

**Decision: The Committee decided to approve the A & OE Action Plan and its submission to MoHUA.**

**General Discussions:**

The Director, MoHUA informed that the State has to urgently submit the State Water Action Plans to MoHUA for approval.

  
**Mission Director  
AMRUT**

  
**Principal Secretary  
LSGD**

  
**Chief Secretary  
Chairman, SHPSC**

'ജലം ജീവാതം'



Mobile/ Whatsapp: +9194959 98258  
Website: <http://www.kwa.kerala.gov.in>

Tel: 0471 2738300  
Consumer Helpline Number  
**1916 [24X7] [Toll Free]**  
1916cckwa@gmail.com

## KERALA WATER AUTHORITY

Jalabhavan  
Thiruvananthapuram-695033  
Kerala

No. KWA/JB/PIU2/10/JJM-URBAN/2021PART III

Dated: 08.07.2022

From

Managing Director

To

The Mission Director,  
State Mission Management Unit,  
AMRUT, Trivandrum.

Sir,

Sub:- AMRUT- 2.0- Rate revision- Clarification Note- Reg

Ref:- 1. SHPSC of AMRUT held on 5/7/2022.

2. That office Ir No: SMMU/81/2022-UP1 dated 5/7/2022 .

I may invite your kind attention to the references cited and inform that as per Government order No. WS-C2/50/2022-WRD dated 2/6/2022, the rates of pipes in KWA SoR has been changed. Accordingly, the estimate amount of proposals submitted under AMRUT 2.0 will be enhanced. Action is being taken for recasting the estimates in PRICE 3.0. This is for favour of your information and further necessary action in this regard.

Yours faithfully,  
ANILKUMAR K K

Chief Engineer (Projects and Operations)  
(For Managing Director)





**30<sup>th</sup> SHPSC of AMRUT Phase 1 and 2<sup>nd</sup> SHPSC of AMRUT 2.0**

**HELD ON 05.07.2022**

**List of Participants**

- Sri.V.P.Joy IAS, Chief Secretary, Government of Kerala
- Sri. R K Singh IAS, Additional Chief Secretary, Finance Department
- Smt. Sarada Muraleedharan, Additional Chief Secretary, LSG Department
- Dr. Sharmila Mary Joseph IAS, Principal Secretary, Local Self Government Department
- Sri. Ajit Kumar IAS, Secretary, Public Works Department
- Sri. Venkateshpathi S IAS, Managing Director, Kerala Water Authority
- Sri. Arun.K. Vijayan IAS, Mission Director, AMRUT
- Sri. K.T. Balabhaskaran, Executive Director, Suchitwa Mission
- Sri. Vinay Pratap Singh, Director (AMRUT II), MoHUA
- Sri. Smt. Usha Garg, Consultant, MoHUA
- Sri.Sreekumar, Technical Member, Kerala Water Authority
- Smt. Geetha Gopinath, Under Secretary, Environment Department
- Sri. Johnson, Chief Engineer, LSG Department.
- Smt. Shiny George, Additional Secretary, Planning & Economic Affairs Dept.
- Sri. Prasanth H, Senior Town Planner, (Chief Town Planner (Planning i/c))
- Sri. Jahangeer, Programme Officer, Kudumbasree
- Sri. Binu Francis, Secretary, Thiruvananthapuram Corporation
- Sri. Sajeev.P.K., Secretary, Kollam Corporation
- Sri. Neethu Lal B, Secretary, Alappuzha Municipality
- Sri. Naisam.A.S., Secretary, Kochi Corporation
- Sri. R. Rahesh Kumar, Secretary, Thrissur Corporation
- Sri. Beena.S.Kumar, Secretary, Guruvayur Municipality
- Smt. Bini K U, Secretary, Kozhikode Corporation
- Sri.D. Vinu.C.Kunjappan, Secretary, Kannur Corporation
- Smt. Prema.P, Secretary (i/c), Palakkad Municipality
- Sri. Jayakumar.P.R, Secretary, Kalamassery Municipality
- Sri. Pramod.K, Secretary, Shoranur Municipality
- Sri. Nandakumar.P., Secretary (i/c), Chittoor-Thathamangalam Municipality
- Sri. Sandeep Kumar.V.S, Secretary, Kottakkal Municipality
- Sri. Sri. Krishnaraj.N.P., Secretary, Piravom Municipality



- Sri. Suresh Kumar.N, Secretary, Koyilandy Municipality
- Sri. Vinod Kumar S, Secretary, Mattannur Municipality
- Dr. Sini.T.N., Secretary, North Paravoor, Municipality
- Sri. K.K. Sajith Kumar, Secretary, Koothuparamba Municipality
- Sri. K.B. Viswanathan, Secretary, Chavakkad Municipality
- Sri.K.M. Muhammed Anas, Secretary, Irinjalakkuda Municipality
- Sri. Bijumon Jacob, Secretary, Thalassery Municipality
- Smt. P.S. Shibu, Secretary, Perumbavoor Municipality
- Smt.P.S. Ushakumari, Secretary (i/c), Kunnamkulam Municipality
- Smt. T.V. Sobhini, Secretary (i/c), Angamali Municipality
- Sri. K.S. Dinesh Kumar, Secretary (i/c), Parappanangadi Municipality
- The Secretary, Tirurangadi Municipality
- The Superintending Engineer, Kochi Corporation
- The Superintending Engineer, Thrissur Corporation
- Sri. Upendran.V.V. Municipal Engineer, Nileshwaram Municipality
- Smt. Bindu Velayudhan, Municipal Engineer, Thiruvalla Municipality
- Smt. Maya.O.V, Superintendent, Vaikom Municipality
- Sri. Sujith Gopinath, Assistant Engineer, Ponnani Municipality
- The Assistant Engineer, Piravom Municipality
- The Assistant Engineer, Harippad Municipality
- The Assistant Engineer, Vaikom Municipality
- The Assistant Engineer, Kasaragod Municipality
- The Assistant Engineer, Alappuzha Municipality
- The Assistant Engineer, Tirurangadi Municipality
- The Assistant Engineer, Shornur Municipality
- The Assistant Executive Engineer, Chavakkad Municipality

**Minutes of the Fourth Meeting of the Apex Committee of Atal Mission for Rejuvenation and Urban Transformation (AMRUT) 2.0 held under the Chairmanship of Secretary (HUA) on 12.08.2022 from 12:30 PM to 01:30 PM**

The Additional Secretary and National Mission Director (AMRUT) welcomed Secretary (Housing and Urban Affairs), other Members of the Apex Committee and participating officers from State Governments. She initiated the discussion on agenda of the meeting through detailed presentation on items of the agenda. The List of participants is at Annexure-A.

Discussion on the agenda points took place. Outcome and decision taken thereon by the Apex Committee is stated in following paragraphs.

1. Consideration/ approval of tranche 1 of **State Water Action Plan (SWAP-1)** of the following States under AMRUT 2.0:

S.No.	Name of the State	SWAP (₹Cr.)	ULBs Covered	No. of Projects	Project Cost (Without O&M) (₹Cr.)	Remarks
1	Punjab	2,840.9	92	96	2,710.64	Details at Annexure-I
2	Maharashtra	19,636.90	70	115	17,724.48	Details at Annexure-II
3	Kerala	1,938.52	81	222	1,842.66	Details at Annexure-III
4	Himachal Pradesh	170.57	15	18	147.94	Details at Annexure-IV

**Decision:**

(i) **SWAP-1 of Punjab:** The SWAP submitted by Govt. of Punjab **has been approved** by the Apex Committee. Apex committee desired that State should plan their SWAP-2 and SWAP-3 within the admissible balance central assistance with target of achieving water tap connections to every urban household including slums in the State.

(ii) **SWAP-1 of Maharashtra:** The SWAP submitted by the Govt. of Maharashtra has been considered by the Apex Committee. Apex Committee noted that State has submitted SWAP-1 worth ₹19,636.899 crore with central share of ₹5,522.606 crore which is nearly 56% of total CA allocated to the State for Mission period. Of these, 78 projects worth ₹10,587.38 crore are in water supply sector and 37 projects worth ₹9,049.52 crore are in Sewerage and Septage Management sector.

Apex committee observed that the water supply projects taken up in SWAP do not appear to bridge the gap in water tap connections at household level. Apex Committee desired that State should furnish their strategy/ plan to achieve 100% water tap connections through AMRUT 2.0 in urban areas including slums in the State of Maharashtra.

Subsequently, State of Maharashtra has submitted the requisite clarification which has been perused by Secretary (HUA)

**Based on the clarification submitted, SWAP-1 submitted by Govt. of Maharashtra has been approved by the Apex Committee.**

Apex Committee desired that Maharashtra may speedily expend ₹1,123.3 crore lying unspent in State's SNA account of AMRUT /AMRUT 2.0.

(iii) **SWAP-1 of Kerala:** Apex Committee perused the projects taken up by State of Kerala in SWAP-1. Committee opined that projects should focus on major objective of providing water tap connections to all urban households. Apex Committee also desired that State should submit strategy to achieve saturation in water tap connections through AMRUT 2.0.

Committee opined that as per terrain and topography of Kerala, for used water treatment and disposal, FSTP is more feasible option in comparison to sewage treatment plants. State should therefore, make efforts for planning of large scale FSTPs. Committee desired that State may submit the steps taken by the State for providing FSTPs in urban areas.

Subsequently, State of Kerala has submitted the requisite clarification which has been perused by Secretary (HUA).

**Based on the clarification submitted, SWAP-1 submitted by Govt. of Kerala has been approved by the Apex Committee.**

(iv) **SWAP-1 of Himachal Pradesh:** After going through the SWAP submitted by State, Apex Committee opined that topography of State of Himachal Pradesh warrants intercepting nallahs/ drains that discharge used water into the rivers. In this regard State may conduct a survey and submit their strategy for intercepting nallahs, treating and disposing used water for the perusal of Apex Committee.

Subsequently, State of Himachal Pradesh has submitted the requisite clarification which has been perused by Secretary (HUA).

**Based on the clarification submitted, SWAP-1 submitted by Govt. of Himachal Pradesh has been approved by the Apex Committee.**

2. Consideration/ approval of SWAP-2 of following State under AMRUT 2.0:

S.No.	Name of the State / UT	No. of Projects	Project Cost (Without O&M) (₹ Cr.)	Remarks
5	Telangana	33	2883.34	Details at Annexure-V

**Decision:**

SWAP of State of Telangana had been approved by the Apex Committee during its 1<sup>st</sup> meeting held on 16.03.2022. The total SWAP size submitted by the State was worth ₹4764.92 crore including central assistance (CA) of ₹1980.58 crore.

In consultation with State Govt. only 74 water supply projects were taken in SWAP-I worth ₹1881.58 crore (excluding O&M).

Apex Committee has taken note of request of Govt. of Telangana (sent vide letter dated 23.05.2022) and consented for considering balance 33 projects under SWAP-II of the State of Telangana.

**3. Consideration/ approval of Special State Water Action Plan (Spl-SWAP) of following State:**

S.No.	Name of the State	Special SWAP (₹ Cr.)	ULBs Covered	No. of Projects	Project Cost (Without O&M) (₹ Cr.)	Remarks
1	Punjab	32.51	6	8	28.1	Details at Annexure-VI

**Decision:**

*The Apex Committee approved the Special SWAP of Punjab.*

**4. Post-facto approval of revised State Water Action Plan-I (SWAP-I) by the State of Madhya Pradesh, details are as below:**

S.No.	Name of the State / UT	SWAP (₹Cr.)	ULBs Covered	No. of Projects	Project Cost (Without O&M)(₹Cr.)	Remarks
1	Madhya Pradesh	3240.15	296	296	2945.37	Details at Annexure-VII

**Decision:**

*The Apex Committee during its 1<sup>st</sup> meeting which held on 16.03.2022 approved the SWAP-I for the State of Madhya Pradesh. Subsequently, Govt. of Madhya Pradesh vide letter dated 23.03.2022 has submitted revised SWAP-I. Since the revised SWAP-I of Madhya Pradesh has prioritised water supply projects which is also in line with the objective of the Mission, the revised SWAP-I of Madhya Pradesh was in-principle approved by Secretary (HUA)- Chairman, Apex Committee subject to formal approval by Apex Committee and State was informed accordingly vide letter dated 21.07.2022.*

*Apex Committee granted post-facto approval of revised State Water Action Plan-I (SWAP-I) by the State of Madhya Pradesh*

5. Appraisal of release of fund towards committed Central Assistance (CA) to the following UT under AMRUT 2.0:

Union Territory (UT)	Funds released (₹ Cr)	Date of Sanction Order	Remarks
Ladakh	11.16	12.07.2022	1 <sup>st</sup> instalment of CA against SWAP-I
	0.54	04.08.2022	1 <sup>st</sup> instalment of CA against Special SWAP-I

Apex Committee was apprised of the release of ₹11.70 crore as part of committed Central Assistance (CA) to the UT of Ladakh under AMRUT 2.0.

6. Ex-post facto approval of fund released under A&OE component of AMRUT:

S.No.	Name of the Agency	Fund Released (in Actual)	Remarks
1	Quality Council of India (QCI)	₹15,83,239/-	2 <sup>nd</sup> instalment for “3 <sup>rd</sup> party testing of treated waste-water by functional STPs created under AMRUT”

**Decision:**

Apex Committee *accorded ex-post approval of the release of ₹15,83,239/- to QCI.*

Meeting ended with vote of thanks to the Chair.

\*\*\*\*\*



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## PUNJAB SWAP Tranche 1



Total Projects	96	Estimated Project Cost (in Cr.)	2840.9	Total Number of ULBs covered as part of this Tranche	92/167 (55.09 %)
CAPEX (in Cr.)	2710.64	O&M Cost (in Cr.)	130.26	PPP Projects submitted by million+ cities	0(0 Cr.)

### Estimated Fund Allocation (in Cr.)

Central Assistance	State Share	ULB Share	XV FC	PPP	Other sources
1261.798	1579.102	0	0	0	0

Category	Water Supply	Sewerage & Septage Management	Water Body Rejuvenation	Parks & Green Spaces Development
Total No. of Projects	91	5	0	0
Estimated Project Cost (in Cr.)	2380.9	460	0	0
(a) Central Assistance (in Cr.)	1144.4713	117.3264	0	0
(b) State funds (in Cr.)	1236.4287	342.6736	0	0
(c) ULB funds (in Cr.)	0	0	0	0
(d) XV FC funds (in Cr.)	0	0	0	0
(e) PPP (in Cr.)	0	0	0	0
(f) Other sources (in Cr.)	0	0	0	0

### Key outcomes expected

159412	Number of water tap connections to be provided	0	Number of sewer connections to be provided in slum
1590778	Number of water tap connections to be augmented	528.65 MLD	Quantity of source water to be augmented
6000	Number of connections to be provided with 24*7 water supply	574.541 MLD	Capacity of water treatment plant to be added or augmented
0	Number of water tap connections to be provided in slum	125 MLD	Quantity of water to be recycled or reused
10000	Number of sewer connections to be provided	0	Capacity of Sewage treatment plant added or augmented

Total Projects	115	Estimated Project Cost (in Cr.)	19636.899	Total Number of ULBs covered as part of this Tranche	70/414 (16.91 %)
CAPEX (in Cr.)	17724.48	O&M Cost (in Cr.)	1912.42	PPP Projects submitted by million+ cities	1(174 Cr.)

## Estimated Fund Allocation (in Cr.)

Central Assistance	State Share	ULB Share	XV FC	PPP	Other sources
5522.606	6437.901	7612.792	0	63.6	0

Category	Water Supply	Sewerage & Septage Management	Water Body Rejuvenation	Parks & Green Spaces Development
Total No. of Projects	78	37	0	0
Estimated Project Cost (in Cr.)	10587.37949	9049.52	0	0
(a) Central Assistance (in Cr.)	3029.4637	2493.1425	0	0
(b) State funds (in Cr.)	3653.84788	2784.0535	0	0
(c) ULB funds (in Cr.)	3904.06791	3708.724	0	0
(d) XV FC funds (in Cr.)	0	0	0	0
(e) PPP (in Cr.)	0	63.6	0	0
(f) Other sources (in Cr.)	0	0	0	0

## Key outcomes expected

1289533	Number of water tap connections to be provided	121383	Number of sewer connections to be provided in slum
1548591	Number of water tap connections to be augmented	557.23 MLD	Quantity of source water to be augmented
640877	Number of connections to be provided with 24*7 water supply	1398.47 MLD	Capacity of water treatment plant to be added or augmented
266989	Number of water tap connections to be provided in slum	417.896 MLD	Quantity of water to be recycled or reused
835061	Number of sewer connections to be provided	869	Capacity of Sewage treatment plant added or augmented



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## KERALA SWAP Tranche 1



<b>Total Projects</b>	222	<b>Estimated Project Cost (in Cr.)</b>	1938.52	<b>Total Number of ULBs covered as part of this Tranche</b>	81/93 (87.1 %)
<b>CAPEX (in Cr.)</b>	1842.658	<b>O&amp;M Cost (in Cr.)</b>	95.861	<b>PPP Projects submitted by million+ cities</b>	0(0 Cr.)

### Estimated Fund Allocation (in Cr.)

<b>Central Assistance</b>	<b>State Share</b>	<b>ULB Share</b>	<b>XV FC</b>	<b>PPP</b>	<b>Other sources</b>
743.69	663.216	516.567	15.046	0	0

Category	Water Supply	Sewerage & Septage Management	Water Body Rejuvenation	Parks & Green Spaces Development
<b>Total No. of Projects</b>	199	23	0	0
<b>Estimated Project Cost (in Cr.)</b>	1828.6563	109.8634	0	0
<b>(a) Central Assistance (in Cr.)</b>	708.8144	34.876	0	0
<b>(b) State funds (in Cr.)</b>	628.33705	34.8792	0	0
<b>(c) ULB funds (in Cr.)</b>	476.45915	40.1082	0	0
<b>(d) XV FC funds (in Cr.)</b>	15.0457	0	0	0
<b>(e) PPP (in Cr.)</b>	0	0	0	0
<b>(f) Other sources (in Cr.)</b>	0	0	0	0

### Key outcomes expected

420428	Number of water tap connections to be provided	0	Number of sewer connections to be provided in slum
1136098	Number of water tap connections to be augmented	25.03 MLD	Quantity of source water to be augmented
133887	Number of connections to be provided with 24*7 water supply	111.75 MLD	Capacity of water treatment plant to be added or augmented
1436	Number of water tap connections to be provided in slum	0 MLD	Quantity of water to be recycled or reused
3950	Number of sewer connections to be provided	0	Capacity of Sewage treatment plant added or augmented





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## HIMACHAL PRADESH SWAP Tranche 1



<b>Total Projects</b>	18	<b>Estimated Project Cost (in Cr.)</b>	170.574	<b>Total Number of ULBs covered as part of this Tranche</b>	15/68 (22.06 %)
<b>CAPEX (in Cr.)</b>	147.944	<b>O&amp;M Cost (in Cr.)</b>	22.63	<b>PPP Projects submitted by million+ cities</b>	0(0 Cr.)

### Estimated Fund Allocation (in Cr.)

Central Assistance	State Share	ULB Share	XV FC	PPP	Other sources
133.15	37.424	0	0	0	0

Category	Water Supply	Sewerage & Septage Management	Water Body Rejuvenation	Parks & Green Spaces Development
Total No. of Projects	8	2	8	0
Estimated Project Cost (in Cr.)	154.07	11.6	4.90382	0
(a) Central Assistance (in Cr.)	119.435	9.72	3.995	0
(b) State funds (in Cr.)	34.635	1.88	0.9088199999998	0
(c) ULB funds (in Cr.)	0	0	0	0
(d) XV FC funds (in Cr.)	0	0	0	0
(e) PPP (in Cr.)	0	0	0	0
(f) Other sources (in Cr.)	0	0	0	0

### Key outcomes expected

6855	Number of water tap connections to be provided	0	Number of sewer connections to be provided in slum
26451	Number of water tap connections to be augmented	4.37 MLD	Quantity of source water to be augmented
2287	Number of connections to be provided with 24*7 water supply	10.51 MLD	Capacity of water treatment plant to be added or augmented
0	Number of water tap connections to be provided in slum	0 MLD	Quantity of water to be recycled or reused
1023	Number of sewer connections to be provided	1.1	Capacity of Sewage treatment plant added or augmented



## Annexure-V



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### TELANGANA SWAP Tranche 2



Total Projects	<b>33</b>	Estimated Project Cost (in Cr.)	<b>3313.85</b>	Total Number of ULBs covered as part of this Tranche	<b>33/143</b> <b>23%</b>
CAPEX (in Cr.)	<b>2883.34</b>	O&M Cost (in Cr.)	<b>425.52</b>	PPP Projects submitted by million+ cities	<b>0(0 Cr.)</b>

#### Estimated Fund Allocation (in Cr.)

Central Assistance	State Share	ULB Share	XV FC	PPP	Other sources
<b>1048.025</b>	<b>1581.795</b>	<b>425.52</b>	<b>258.51</b>	<b>0</b>	<b>0</b>

Category	Water Supply	Sewerage & Septage Management	Water Body Rejuvenation	Parks & Green Spaces Development
Total No. of Projects	24	9	0	0
Estimated Project Cost (in Cr.)	1387.84	1926.01	0	0
(a) Central Assistance (in Cr.)	512.58834	535.43667	0	0
(b) State funds (in Cr.)	623.45166	958.34333	0	0
(c) ULB funds (in Cr.)	105.96	319.56	0	0
(d) XV FC funds (in Cr.)	145.84	112.67	0	0
(e) PPP (in Cr.)	0	0	0	0
(f) Other sources (in Cr.)	0	0	0	0

#### Key outcomes expected (Including Tranche 1)

292993	Number of water tap connections to be provided	50173	Number of sewer connections to be provided in slum
1296702	Number of water tap connections to be augmented	10 MLD	Quantity of source water to be augmented
24788	Number of connections to be provided with 24*7 water supply	109.91 MLD	Capacity of water treatment plant to be added or augmented
88598	Number of water tap connections to be provided in slum	0 MLD	Quantity of water to be recycled or reused
127155	Number of sewer connections to be provided	160	Capacity of Sewage treatment plant added or augmented



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## PUNJAB SWAP Special Tranche



Total Projects	8	Estimated Project Cost (in Cr.)	32.51	Total Number of ULBs covered as part of this Tranche	6/167 (3.59 %)
CAPEX (in Cr.)	28.1	O&M Cost (in Cr.)	4.41	PPP Projects submitted by million+ cities	0(0 Cr.)

### Estimated Fund Allocation (in Cr.)

Central Assistance	State Share	ULB Share	XV FC	PPP	Other sources
11.67	20.84	0	0	0	0

Category	Water Supply	Sewerage & Septage Management	Water Body Rejuvenation	Parks & Green Spaces Development
Total No. of Projects	0	0	8	0
Estimated Project Cost (in Cr.)	0	0	32.51	0
(a) Central Assistance (in Cr.)	0	0	11.6696	0
(b) State funds (in Cr.)	0	0	20.84	0
(c) ULB funds (in Cr.)	0	0	0	0
(d) XV FC funds (in Cr.)	0	0	0	0
(e) PPP (in Cr.)	0	0	0	0
(f) Other sources (in Cr.)	0	0	0	0

### Key outcomes expected

0	Number of water tap connections to be provided	0	Number of sewer connections to be provided in slum
0	Number of water tap connections to be augmented	0 MLD	Quantity of source water to be augmented
0	Number of connections to be provided with 24*7 water supply	0 MLD	Capacity of water treatment plant to be added or augmented
0	Number of water tap connections to be provided in slum	0 MLD	Quantity of water to be recycled or reused
0	Number of sewer connections to be provided	0	Capacity of Sewage treatment plant added or augmented



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## MADHYA PRADESH SWAP Tranche 1



Total Projects	296	Estimated Project Cost (in Cr.)	3240.15	Total Number of ULBs covered as part of this Tranche	296/418 (70.81 %)
CAPEX (in Cr.)	2945.37	O&M Cost (in Cr.)	294.78	PPP Projects submitted by million+ cities	4(6052.2 Cr.)

### Estimated Fund Allocation (in Cr.)

Central Assistance	State Share	ULB Share	XV FC	PPP	Other sources
1358.44	1406.24	475.47	0	0	0

Category	Water Supply	Sewerage & Septage Management	Water Body Rejuvenation	Parks & Green Spaces Development
Total No. of Projects	296	0	0	0
Estimated Project Cost (in Cr.)	3240.15	0	0	0
(a) Central Assistance (in Cr.)	1358.44	0	0	0
(b) State funds (in Cr.)	1406.24	0	0	0
(c) ULB funds (in Cr.)	475.47	0	0	0
(d) XV FC funds (in Cr.)	0	0	0	0
(e) PPP (in Cr.)	0	0	0	0
(f) Other sources (in Cr.)	0	0	0	0

### Key outcomes expected

1501082	Number of water tap connections to be provided	0	Number of sewer connections to be provided in slum
1212252	Number of water tap connections to be augmented	848.877 MLD	Quantity of source water to be augmented
1090087	Number of connections to be provided with 24*7 water supply	595.069 MLD	Capacity of water treatment plant to be added or augmented
213287	Number of water tap connections to be provided in slum	0 MLD	Quantity of water to be recycled or reused
0	Number of sewer connections to be provided	0	Capacity of Sewage treatment plant added or augmented

**Annexure-A**

**List of participants in the Fourth Meeting of the Apex Committee under AMRUT 2.0 held under the Chairpersonship of the Secretary, Ministry of Housing and Urban Affairs on 12.08.2022:**

Shri Manoj Joshi, Secretary, HUA - Chairperson  
Smt. D. Thara, AS & MD (AMRUT) - Member Secretary  
Shri M. Dhindhayalan, Adviser, CPHEEO, MoHUA  
Shri V. P Singh, Director (AMRUT), MoHUA  
Shri G.S Dhillon, Director (AMRUT), MoHUA  
Shri H.C Prasad, Under Secretary (AMRUT), MoHUA  
Shri Anup Barman, Under Secretary (AMRUT), MoHUA  
Representatives from IFD, MoHUA  
Representative (s) on behalf of other members of Apex Committee  
Representative (s) of States/UTs participated in the Apex Committee meeting through video conferencing.

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Annexure 5

**SUMMARY : 19/09/2022 till 11:30 A.M**

<b>Total No. of ULBs submitted</b>	<b>64</b>
<b>No. of ULBs not submitted</b>	<b>29</b>
<b>Total No. of projects submitted</b>	<b>371</b>
<b>Total No. of ULBs selected</b>	<b>63</b>
<b>No. of projects selected based on area, allotted fund and priority</b>	<b>251</b>
<b>Total CAPEX cost of projects selected (in Cr.)</b>	<b>72.34</b>

**WATER BODY REJUVENATION SELECTED PROJECTS LIST**

<b>Sl. No.</b>	<b>ULB</b>	<b>Project title</b>	<b>Proposed project cost without O&amp;M (in Cr.)</b>	<b>Is council resolution obtained Yes/No</b>
1	ADOOR (M)	RENOVATION AYYAPPANPARA KULAM IN WARD 23	0.3	YES
2	ADOOR (M)	RENOVATION OF KARUVATTA POND WARD 27	0.3	YES
3	ADOOR (M)	RENOVATION OF MULLOORKULANGARA POND	0.3	YES
4	ADOOR (M)	RENOVATION OF VALIYAKULAM	0.1	YES
5	ALAPPUZHA (M)	Rejuvenation of Veliyakulam Public pond in Alappuzha Municipality	0.392	YES
6	ALAPPUZHA (M)	Rejuvenation of Rani thodu in Alappuzha Municipality	0.9	YES
7	ALAPPUZHA (M)	Rejuvenation of Shadamony thodu in Alappuzha Municipality	0.592	YES
8	ALAPPUZHA (M)	Rejuvenation of Pancharathodu at Alappuzha Municipality	0.82	YES
9	ALAPPUZHA (M)	Rejuvenation of Ponjikkara thodu in Alappuzha Municipality	0.47	YES
10	ALAPPUZHA (M)	Rejuvenation of Kaniyamparambu Thodu in Alappuzha Municipality	0.2608	YES
11	ANGAMALY (M)	Rejuvenation of Ambalakulam	0.877	YES
12	ANTHOOR	REJUVENATION OF KUNJUKULAM POND	1.75	YES
13	CHANGANASSERY (M)	Rejuvenation of Chithrakkulam in Changanassery Municipality	0.6	YES
14	CHANGANASSERY (M)	Rejuvenation of Thirumala Temple pond in Changanassery Municipality	0.05	YES
15	CHANGANASSERY (M)	Rejuvenation of Thamarakkulam in Changanassery Municipality	0.6	YES
16	CHANGANASSERY (M)	Rejuvenation of Moosari Parakkulam at Changanassery Municipality	0.25	YES
17	CHANGANASSERY (M)	Rejuvenation Of Vasudevapuram Temple Pond at Changanassery Municipality	0.143	YES
18	CHANGANASSERY (M)	Rejuvenation of Narikkulam in Changanassery Municipality	0.61	YES
19	CHENGANNUR (M)	Rejuvenation of Bhadreswaram temple pond in Chengannur Municipality	0.03	YES
20	CHENGANNUR (M)	Rejuvenation of valiya kualathin pattukulam	0.4	YES
21	CHENGANNUR (M)	Rejuvenation of Kodyattukara dwanwathari templepond	0.12	YES
22	CHENGANNUR (M)	Rejuvenation of Thittamel temple pond in Chengannur Municipality	0.18	YES
23	CHERPULASSERY	CHERPULASSERY MUNICIPALITY: RENOVATION OF KODIYATH KULAM (WARD-25)	0.87	YES
24	CHERTHALA (M)	CLEANIING AND BEAUTIFICATION OF CHERAKULAM POND	0.7	YES

25	CHITTUR-THATHAMANGALAM (M)	Rejuvenation of Karyakarkulam Vadakkathara at chittur	0.9841	YES
26	CHITTUR-THATHAMANGALAM (M)	Rejuvenation of Lankeswaram kulam at chittur	0.9045	YES
27	ELOOR	Rejuvenation and Renovation of Edampadam Pond in Ward no: 24 of Eloor Municipality	0.3	YES
28	ELOOR	Rejuvenation of Pattupurakkal Temple pond in ward no: 4 of Eloor Municipality	0.05	YES
29	ELOOR	Rejuvenation and renovation of Naranath Temple pond in ward no: 6 of Eloor Municipality	0.1	YES
30	ELOOR	Rejuvenation of Parakkulam in Ward No. 6 of Eloor Municipality	0.6	YES
31	ERATTUPETTA	Nadakkal Pond Rejuvenation In Erattupetta Municipality	0.25	YES
32	ETTUMANOOR	Cleaning and protection grill work of drinking water pond in ward 32 of ettumanoor municipality	0.04	YES
33	ETTUMANOOR	Renovation of Kureechira Pond in ward 1 of ettumanoor municipality	0.159	YES
34	ETTUMANOOR	Rejuvenation of pond in Rajeev Gandhi colony in ward 2.	0.054	YES
35	ETTUMANOOR	Rejuvenation of Kanikulam in ward 9 of Ettumanoor municipality	0.5	YES
36	ETTUMANOOR	Renovation of Chirakulam in ward no 32 of ettumanoor municipality	0.03	YES
37	FEROKE	Rejuvenation of Thulisserikkulam	0.25	YES
38	FEROKE	Rejuvenation of Moothedathu kulam	0.25	YES
39	FEROKE	Rejuvenation of Mangalasserikkulam	0.2	YES
40	GURUVAYUR	Rejuvenation of Njaram Kulam	2.385	NO
41	HARIPAD	Rejuvation and side protection of Balamuruka Temple pond (Devaswam board) in Haripad Municipality WARD 15	0.8	YES
42	HARIPAD	Rejuvation of Perumkulam (Devaswam board) in Haripad Municipality WARD 26	0.1	YES
43	IRINJALAKUDA (M)	AMRUTH 2.0 Rejuvenation of Hanumankulam ward:33	0.4	YES
44	IRINJALAKUDA (M)	AMRUTH 2.0 Rejuvenation of Manakulam ward:30	0.4	YES
45	IRINJALAKUDA (M)	AMRUTH 2.0 Rejuvination of Kattambilly Kulam Ward:1	0.2	YES
46	IRITTY	KOOLOTH AMBALAM KULAM RENNOVATION	0.25	NO
47	IRITTY	KUZHUMBIL AMBALAM POND RENNOVATION	0.25	NO
48	IRITTY	KANNOTH KARINGA KUND KULAM RENNOVATION	0.3	NO
49	KALAMASSERY	Rejuvenation of Valiyakulam	0.3	YES
50	KALPETTA	REJUVENATION OF POND AT TRENCHING GROUND	0.5	YES
51	KANNUR	Rejuvenation of Chettiyar Kulam	0.22	YES
52	KANNUR	Rejuvenation of Kizhunna Temple Pond	0.62	YES
53	KANNUR	Rejuvenation of Chala Bhagavathi Temple Pond	0.28	YES



54	KANNUR	Rejuvenation of Valiya Kulam	0.15	YES
55	KARUNAGAPALLY	Rejuvenation of Valiyath pond in div 26 karunagappally Municipality	0.09	YES
56	KARUNAGAPALLY	Rejuvenation of Nagari pond in div 19 of Karunagappally Municipality	0.12	YES
57	KARUNAGAPALLY	Rejuvenation of Nadiyahvila pond in div 27 karunagappally Municipality	0.12	YES
58	KARUNAGAPALLY	Rejuvenation of Shasthanada pond in div 22 of Karunagappally Municipality	0.12	YES
59	KARUNAGAPALLY	Rejuvenation of Vattathara pond in div 2 karunagappally Municipality	0.1	YES
60	KARUNAGAPALLY	Rejuvenation of Mampozhil pond in div 2 karunagappally Municipality	0.12	YES
61	KARUNAGAPALLY	Rejuvenation of padanayarkulangara pond in div 14 of Karunagappally Municipality	0.15	YES
62	KASARAGOD	Rejuvenation of Erumakulam	0.1	YES
63	KASARAGOD	Rejuvenation of Koppal Thodu	0.2	YES
64	KASARAGOD	Rejuvenation of korrakode kulam(near bairava temple)	0.25	YES
65	KASARAGOD	Rejuvenation of Ameythodu	0.25	YES
66	KODUNGALLUR	REJUVENATION OF ARAKULAM IN KODUNGALLUR MUNICIPALITY	1.07	NO
67	KOLLAM	REJUVENATION OF ASHTAMUDI LAKE, NEAR KSRTC BUS STATION, KOLLAM	5	YES
68	KOLLAM	REJUVENATION OF PULLIYIL KULAM AT THIRUMULLAVARAM SUB ROAD IN DIV 55	0.096301	YES
69	KOLLAM	REJUVENATION OF CHIRAKARA POND AT MATHILACHIRA IN DIV 11	0.452828	YES
70	KOLLAM	REJUVENATION OF MADATHILKULAM AT DIV 06 KUREEPUZHA WEST	0.152289	YES
71	KOLLAM	REJUVENATION OF MADATHIKULAM AT DIV 24 COLLEGE DIVISION	0.309823	YES
72	KOLLAM	REJUVENATION OF MUNNANI KULAM IN DIV 29	0.040069	YES
73	KOLLAM	REJUVENATION OF MAMOOTTIL KADAVU POND AT MAMOOTTIL KADAVU IN DIV 06	0.06683	YES
74	KOLLAM	REJUVENATION OF EDAMANAKAVU POND AT EDAMANAKAVU TEMPLE POND IN DIV 03	0.076366	YES
75	KOLLAM	REJUVENATION OF CHIMARAKULAM POND IN DIV 51	0.112142	YES
76	KOLLAM	REJUVENATION OF KALLUKULAM AT KALLUKULAM IN DIV 51	0.088385	YES
77	KOLLAM	REJUVENATION OF CHALIL KULAM AT NEERAVIL IN DIV 08	0.059349	YES
78	KOLLAM	REJUVENATION OF KUNNADI KULAM AT KOTTAKKAM NAGAR ROAD IN DIV 10	0.041939	YES
79	KOLLAM	REJUVENATION OF PANIKARU KULAM IN DIV 33	0.036781	YES
80	KOLLAM	REJUVENATION OF PANCHAYATHU KULAM AT VADAKKEVILA GOVT.LP SCHOOL IN DIV 28	0.029706	YES
81	KOLLAM	REJUVENATION OF KANNANKULAM AT KANNANKULAM IN DIV 54	0.08291	YES
82	KOLLAM	REJUVENATION OF KOTTARALULAM AT KACHERI JN IN DIV 49	0.907952	YES

83	KOLLAM	REJUVENATION OF PUTHEVEETILKULAM AT DIV 09 ANCHALUMMOODU	0.357882	YES
84	KOLLAM	REJUVENATION OF OLAYIL POND AT OLAYIL IN DIV 12	0.06354	YES
85	KOLLAM	REJUVENATION OF MOOLOTKULAM AT DIV 31 PUNTHALATHAZHAM	0.100229	YES
86	KOLLAM	REJUVENATION OF KOCHUKULAM AT DIV 24 COLLEGE DIVISION	0.082497	YES
87	KOOTHATTUKULAM	VENKULAM WATER BODY REJUVANATION	0.5	YES
88	KOTTARAKKARA	KOTTARAKARA MUNICIPALITY - GANAPATHY TEMPLE POND - WARD 25	0.049	YES
89	KOTTARAKKARA	KOTTARAKARA MUNICIPALITY - THRIKKANNAMANGAL TEMPLE POND - WARD 14	0.04	YES
90	KOTTARAKKARA	KOTTARAKARA MUNICIPALITY - NEELESWARAM LIBRARY POND - WARD 21	0.049	YES
91	KOTTARAKKARA	KOTTARAKARA MUNICIPALITY-AMBALAPURAM TEMPLE POND -WARD 18	0.069	YES
92	KOTTARAKKARA	KOTTARAKARA MUNICIPALITY-VILLAMKONATH POND-WARD 11	0.049	YES
93	KOTTARAKKARA	KOTTARAKARA MUNICIPALITY - PADINJATTINKARA TEMPLE POND - WARD 25	0.049	YES
94	KOTTARAKKARA	KOTTARAKARA MUNICIPALITY- VALIYA VEETIL POND -WARD 18	0.049	YES
95	KOTTAYAM (M)	Rejuvenation of Lakshmipuram thodu in Kottayam Municipality	0.4	YES
96	KOZHIKODE	Rejuvenation of Valiya Parambu kulam	0.23	YES
97	KOZHIKODE	Rejuvenation of Areekkulam	0.25	YES
98	KOZHIKODE	Rejuvenation of Mundakan Kulam one	1	YES
99	KOZHIKODE	Rejuvenation of Elathur Panchayath Kulam	0.175	YES
100	KOZHIKODE	Rejuvenation of Mundakan Kulam three	0.3	YES
101	KOZHIKODE	Rejuvenation of Pavangad Thamarakulam	0.13	YES
102	KOZHIKODE	Rejuvenation Neelichira	0.12	YES
103	MALAPPURAM (M)	Rejuvenation of Adhikarathodi Temple Pond in Malappuram Municipality ward 28	0.1	YES
104	MALAPPURAM (M)	Rejuvenation of Thamarakuzhi-Aalumkund Stream in Malappuram Municipality ward 14	0.1	YES
105	MALAPPURAM (M)	Rejuvenation of Korangod Chola in Malappuram Municipality ward 18	0.1	YES
106	MALAPPURAM (M)	Rejuvenation of Kolampara Rock Pond in Malappuram Municipality ward 09	0.3	YES
107	MALAPPURAM (M)	Rejuvenation of Mannoor Shivakshethra Temple Pond in Malappuram Municipality ward 18	0.35	YES
108	MANANTHAVADI	AMRUT 2.0 WATER BODY REJUVENATION IN MANANTHAVADY MUNICIPALITY	0.08	NO
109	MANANTHAVADI	AMRUT 2.0 WATER BODY REJUVENATION IN MANANTHAVADY MUNICIPALITY.	0.26	NO
110	MANJERI (M)	IMPROVEMENTS WORKS TO DEVATHAKULAM IN WARD NO:32 AT MANJERI MUNICIPALITY	0.4	YES
111	MANJERI (M)	Nedukappara Quarry pond in ward no: 21 at Manjeri Municipality	0.8	YES

112	MANJERI (M)	Improvements to Thurakkal Ullas nagar pond in ward no:39 at Manjeri Municipality	0.05	YES
113	MANJERI (M)	Improvements works to Chakkumkulam in ward 14 at Manjeri Municipality	0.5	YES
114	MANJERI (M)	Improvements to Edamana Pond in ward no:40 at Manjeri Municipality	0.45	YES
115	MANJERI (M)	Improvements to Thadapparambu Pond in ward no:18 at Manjeri Municipality	0.2	YES
116	MANJERI (M)	Improvements to Kizhakkekunnu SC colony pumb house Pond in ward no:25 at Manjeri Municipality	0.1	YES
117	MANNARKKAD	Rejuvenation of Pavadikulam Pond in Mannarkkad Municipality	0.25	YES
118	MANNARKKAD	Rejuvenation of Chirakulam Pond in Mannarkkad Municipality	0.13	YES
119	MANNARKKAD	Rejuvenation of Chomeri Pond in Mannarkkad Municipality	0.25	YES
120	MARADU	Maradu Municipality-Ayinni thodu Rejuvenation	0.03	YES
121	MAVELIKKARA (M)	Rejuvenation of Velloor Kulam	0.5085	YES
122	MAVELIKKARA (M)	Rejuvenation of Kottathode	0.233	YES
123	MAVELIKKARA (M)	Rejuvenation of Kaappu Kulam	0.1565	YES
124	MAVELIKKARA (M)	Rejuvenation of Kattuvallil to Eramthottam Paalam water flowing drain	0.168	YES
125	MUKKAM	REJUVENATION OF CHOLAKUZHI POND DIVISION 17	0.01	YES
126	MUKKAM	REJUVENATION OF KILIKOTTU CHALIL POND DIVISION 30	0.01	YES
127	MUKKAM	REJUVENATION OF AYANIKUNNUMMAL POND DIVISION 5	0.01	YES
128	MUKKAM	REJUVENATION OF AAYIPATTA POND DIVISION 21	0.01	YES
129	MUKKAM	REJUVENATION OF NEDUKANDAM PAITTOOLICAL POTHU KULAM DIVISION 32	0.015	YES
130	MUKKAM	REJUVENATION OF PAYYOLI KUDIVELLAPADHATHI KULAM DIVISION 4	0.01	YES
131	MUKKAM	REJUVENATION OF AASARIMAKKAL POND DIVISION 27	0.016	YES
132	MUKKAM	REJUVENATION OF THAZHEKOTTUMMAL POND DIVISION 12	0.009	YES
133	MUVATTUPUZHA	PRIORITY 1-WARD 26 MANAYKKA KUDI KULAM	0.28	YES
134	MUVATTUPUZHA	PRIORITY 2-WARD 20 PANCHAYATH KULAM	0.27	YES
135	MUVATTUPUZHA	PRIORITY 3-WARD 24 WELL	0.01	YES
136	MUVATTUPUZHA	PRIORITY 4-WARD 25 WELL	0.01	YES
137	MUVATTUPUZHA	PRIORITY 5-WARD 23 AMBATTA KULAM REJUVENATION	0.3	YES
138	MUVATTUPUZHA	PRIORITY 7-ward 17 well	0.01	YES
139	NEELESWARAM	REJUVENATION OF MANNAMPURAM POND	0.3	YES
140	NEELESWARAM	REJUVENATION OF PALAYI POND	0.25	YES

141	NEELESWARAM	REJUVENATION OF NARAMKULANGARA POND	0.25	YES
142	NILAMBUR	REJUVENATION OF CHOORAKULAM	0.25	YES
143	NILAMBUR	REJUVENATION OF KADUVAKULAM	0.15	YES
144	NILAMBUR	REJUVENATION OF MUTHEERI POND	0.15	YES
145	NILAMBUR	REJUVENATION OF MANALODI POND	0.15	YES
146	NILAMBUR	REJUVENATION OF THAMARAKULAM	0.15	YES
147	NILAMBUR	REJUVENATION OF THAMARAKULAM ANGANVADI POND	0.15	YES
148	PALAKKAD (M)	Rejuvenation of Varithode Kulam ( State Government Purampokku-Revenue)	0.125	YES
149	PALAKKAD (M)	Rejuvenation of Kayattu Kulam (Municipal Pond)	0.08	YES
150	PALAKKAD (M)	REJUVENATION OF PARAKKULAM (Municipal Kulam )	0.2	YES
151	PALAKKAD (M)	Rejuvenation Of Vaidyanatha Swamy Kulam (Temple Pond)	0.18	YES
152	PALAKKAD (M)	Rejuvenation of Noorani Grama Kulam (TEMPLE POND)	0.3	YES
153	PALAKKAD (M)	Rejuvenation of Moothanthara Kshetra Kulam ( Temple Pond)	0.12	YES
154	PALAKKAD (M)	Rejuvenation of Kannaki Amman kulam ( Temple Pond)	0.3582	YES
155	PALAKKAD (M)	Rejuvenation of Thamara Kulam (Temple Pond)	0.49	YES
156	PALAKKAD (M)	Rejuvenation of Neytharampully Kulam (Temple Pond)	0.2974	YES
157	PALAKKAD (M)	Rejuvenation of Ardhanariswara Kulam (Temple Pond)	0.3312	YES
158	PALAKKAD (M)	Rejuvenation of Nambiar Kulam (Private )	0.8	YES
159	PALAKKAD (M)	Rejuvenation of Manalancheri Kulam ( Private)	0.287	YES
160	PANDALAM	Amappuram Kulam 26	0.1	YES
161	PANDALAM	Cheruvallikuzhi Kulam 1	0.05	YES
162	PANDALAM	Anikkanattu Kulam 11	0.05	YES
163	PANDALAM	Rejuvenation of Sastha Kshethra Kulam 33	0.1	YES
164	PANDALAM	Rejuvenation of Thazhevayal Kulam 12	0.1	YES
165	PANDALAM	Venkulathil Kulam 3 Ward	0.05	YES
166	PANDALAM	Thoppil Parakulam 14	0.06	YES
167	PANDALAM	Chonekkattu Kulam 2	0.1	YES
168	PANDALAM	Chembooku Madakulam 8	0.1	YES
169	PANDALAM	Valakathinal Modippuram Kulam 27	0.07	YES

170	PANDALAM	Pattu Purakav Devi Temple Kulam 6	0.03	YES
171	PANDALAM	Thevaru Kulam 15	0.05	YES
172	PANDALAM	Poozhikkad Shastha Temple Kulam 22	0.04	YES
173	PANDALAM	Vallikkavinal Kulam 19	0.06	YES
174	PARAPPANANGADI	Rejuvenation of Kadalundi Puzha along Parappanangadi Municipality	0.91	
175	PARAVUR (M)	PALAKKULAM RENOVATION	0.1	YES
176	PARAVUR (M)	KOTTAM KULAM RENOVATION	0.05	YES
177	PARAVUR (M)	MOOKAMBI TEMPLE POND	0.2	YES
178	PARAVUR (M)	PERUVARAM TEMPLE POND 1 RENOVATION (WEST SIDE)	0.15	YES
179	PARAVUR (M)	TONNIYA KAVU TEMPLE POND	0.1	YES
180	PARAVUR (M)	PERUVARAM TEMPLE POND 2 RENOVATION (EAST SIDE)	0.2	YES
181	PATHANAMTHITTA (M)	REJUVENATION OF ARABIC COLLEGE ANGANAVADI KULAM	0.25	YES
182	PATHANAMTHITTA (M)	REJUVENATION OF SUBHALA PARK POND	0.73	YES
183	PATTAMBI	AMRUT 2.0 PATTAMBI MUNICIPALITY IN PERUMALKULAM WARD 2	0.15	YES
184	PATTAMBI	AMRUT 2.0 - PATTAMBI MUNICIPALITY - KOTTOLIKULAM IN WARD 27	0.15	YES
185	PATTAMBI	AMRUT 2.0 - PATTAMBI MUNICIPALITY-MELEKULAM IN WARD -3	0.3	YES
186	PAYYANNUR	Rejuvenation of Perum kulam in payyannur municipality	0.35	YES
187	PAYYANNUR	REJUVANATION OF ANNUR VAYAL POND IN PAYYANNUR MUNICIPALITY	0.7	YES
188	PERINTHALMANNA (M)	PERINTHALMANNA MUNICIPALITY - NELLIPADAM KULAM REJUVENATION	0.06	YES
189	PERINTHALMANNA (M)	PERINTHALMANNA MUNICIPALITY -MELECHOLA KULAM REJUVENATION	0.1	YES
190	PERINTHALMANNA (M)	PERINTHALMANNA MUNICIPALITY -CHALIYAMKULAM REJUVENATION	0.08	YES
191	PERINTHALMANNA (M)	PERINTHALMANNA MUNICIPALITY - AANAKUNDMUNDATHAPPALAM KULAM REJUVENATION	0.04	YES
192	PERINTHALMANNA (M)	PERINTHALMANNA MUNICIPALITY -EANIPPARAKULAM REJUVENATION	0.03	YES
193	PERINTHALMANNA (M)	PERINTHALMANNA MUNICIPALITY - KORAKULAM REJUVENATION	0.08	YES
194	PERINTHALMANNA (M)	PERINTHALMANNA MUNICIPALITY -ASARIKULAM REJUVENATION	0.03	YES
195	PERINTHALMANNA (M)	PERINTHALMANNA MUNICIPALITY -PARAKODE KULAM REJUVENATION	0.04	YES
196	PERINTHALMANNA (M)	PERINTHALMANNA MUNICIPALITY -CHERUKULAM REJUVENATION	0.04	YES
197	PERINTHALMANNA (M)	PERINTHALMANNA MUNICIPALITY -PUTHANKULAM REJUVENATION	0.08	YES
198	PERINTHALMANNA (M)	PERINTHALMANNA MUNICIPALITY -PONNIYAKURSSIKULAM REJUVENATION	0.05	YES

199	PERINTHALMANNA (M)	PERINTHALMANNA MUNICIPALITY -NARIYENGALKULAM REJUVENATION	0.1	YES
200	PERINTHALMANNA (M)	PERINTHALMANNA MUNICIPALITY - KOLLENGODE NADUPADAM KULAM REJUVENATION	0.1	YES
201	PERUMBAVOOR (M)	AMRUT2.0 -Perumbavoor-WB Rejuvenation-AIRATTUCHIRA POND	0.5	YES
202	PIRAVOM	Edapellichira pond and Open gum	0.5	YES
203	QUILANDY	Rejuvenation of Nambi veettil Pond	0.25	YES
204	QUILANDY	Rejuvenation of Chettyatt pond	0.21	YES
205	QUILANDY	Rejuvenation of Nanam Chira Pond	0.265	YES
206	RAMANATTUKKARA	CHIRAKKAMKULAM POND REJUVENATION	0.41	YES
207	SREEKANDAPURAM	Apporikulam	0.05	YES
208	SREEKANDAPURAM	Kaniyarvayal thudukkalakkary Public pond	0.04	YES
209	SREEKANDAPURAM	Mundayattu Kulam	0.15	YES
210	SREEKANDAPURAM	Rajivnagar Kulam	0.02	YES
211	SREEKANDAPURAM	Nediyenga puthiyakulam	0.05	YES
212	SREEKANDAPURAM	Kamblari Kulam	0.07	YES
213	SULTHAN BATHERY	Rejuventatioin of Kuppadi -Puthuchola Pond in Sulthan Bathery Municipality	0.4	YES
214	SULTHAN BATHERY	Rejuvenation works to Kaithakkad Pond in Sulthan Bathery Municipality Wayanad District	0.45	YES
215	TALIPARAMBA (M)	Rejuvenation of Puthiyedath kavu temple pond.	0.05	YES
216	TALIPARAMBA (M)	Rejuvenation of Kundamkuzhi juma mazjids pond	0.04	YES
217	TALIPARAMBA (M)	Rejuvenation of Thaliparamba Juma mazjids Pond	0.04	YES
218	THALASSERY (M)	Rejuvenation of Kottaram Valappu Kulam	0.65	YES
219	THIRUVALLA (M)	REJUVENATION OF PUBLIC POND IN WARD 24	0.1	YES
220	THIRUVALLA (M)	REJUVENTATION OF KULATHINKARA POND	0.25	YES
221	THIRUVALLA (M)	REJUVENATION OF PLAPPARA POND	0.1	YES
222	THIRUVALLA (M)	REJUVENATION OF THAIKULAM	0.1	YES
223	THIRUVALLA (M)	REJUVENATION OF CHANDA THODU	0.4	YES
224	THIRUVALLA (M)	REJUVENATION OF SREEVALLABHA KSHETRAKULAM	0.2	YES
225	THIRUVALLA (M)	REJUVENATION OF UTHRAMEL KSHETRAKULAM	0.2	YES
226	THIRUVALLA (M)	REJUVANATION OFSREENARAYANA AMBALAM KSHETHRA KULAM	0.1	YES
227	THODUPUZHA	Rejuvenation of Vazhapppeedika Pond	0.03	YES

228	THODUPUZHA	Rejuvenation and fetching of Uroozhi pond	0.03	YES
229	THODUPUZHA	Rejuvenation of Puthuchira Pond	0.25	YES
230	THRIKAKKARA	Rejuvenation of Valiyakulam at Padamughal, ward-28,Thrikkakara Municipality	0.25	YES
231	THRIPPUNITHURA (M)	WATER BODY REJUVANATION-THAMMANDI POND	0.5	YES
232	THRISSUR	AMRUT2.0-Thrissur Corporation-Waterbody Rejuvenation-Thrikumarakudamkulam	1.75	YES
233	THRISSUR	AMRUT2.0-Thrissur Corporation-Waterbody Rejuvenation-Kaithakulam Div 21	0.5	YES
234	THRISSUR	AMRUT2.0-Thrissur Corporation-Waterbody Rejuvenation-Puthankulam Div-13	0.3	YES
235	THRISSUR	AMRUT2.0-Thrissur Corporation-Waterbody Rejuvenation-Puthankulam Div-36	0.5	YES
236	THRISSUR	AMRUT2.0-Thrissur Corporation-Waterbody Rejuvenation-Choraakulam Div-23	0.7	YES
237	THRISSUR	AMRUT2.0-Thrissur Corporation-Waterbody Rejuvenation-Karamukku kolam Div 42	0.7	YES
238	THRISSUR	AMRUT2.0-Thrissur Corporation Waterbody Rejuvenation-Ambadikulam	0.5	YES
239	THRISSUR	AMRUT2.0-Thrissur Corporation-Waterbody Rejuvenation-Attakulam Div 28	0.5	YES
240	TIRURANGADI	Renovation o f Venchali kappu	0.7	YES
241	TIRURANGADI	Renovation of Pulinhilath padam kulam	0.4	YES
242	TIRURANGADI	Renovation Of Samoosakkulam	0.45	YES
243	VADAKARA (M)	Rejuvenation of Illath Thazhe Pond in Vadakara Municipality	0.3	NO
244	VAIKOM (M)	Andhakara Thodu Kaivazhi Renovation	0.7	YES
245	VAIKOM (M)	Perumchila Thodu	0.25	YES
246	WADAKKANCHERI	Ayyankulam	0.099	YES
247	WADAKKANCHERI	Chullikode kulam	0.36	YES
248	WADAKKANCHERI	Kunjukkulam	0.135	YES
249	WADAKKANCHERI	Kavathu kulam	0.385	YES
250	WADAKKANCHERI	Kaithakkode Chira	0.36	YES
251	WADAKKANCHERI	Iratakulangara Pond	0.36	YES
	<b>TOTAL</b>		<b>72.34</b>	

# ANNEXURE-6

## Empanelled list of the Implementation Support Agencies (ISAs) to support the implementation of Jal Jeevan Mission (JJM) in Kerala

S. No.	Name of the Organization	Name of the head of the Organization	No. of years of experience in water sector	Active in locations (State - Districts)	Email-Id
1	Thiruvalla Social Service Society	Fr. Samuel Vilayil alias Libu V Babu	49	KERALA - PATHANAMTHITTA	bodhanatiruvalla@gmail.com
2	WELFARE SERVICES ERNAKULAM	FR.JOSEPH KOLUTHUVELLIL	35	KERALA - ERNAKULAM	wseekm@gmail.com
3	Socio Economic Unit Foundation	Saji Sebastian	32	KERALA - THIRUVANANTHAPURAM	seufhq@gmail.com
4	Kottapuram Integrated Development Society	Fr Paul Thomas Kalathil	31	KERALA - THRISSUR	kidskottapuram@gmail.com
5	RAJAGIRI COLLEGE OF SOCIAL SCIENCES	BINOY JOSEPH PhD	30	KERALA - ERNAKULAM	principal@rajagiri.edu
6	Solidarity Movement of India Central Committee	Adv.TK Thulaseedharan Pillai	30	KERALA - IDUKKI	solidarindia@yahoo.com
7	Changanacherry Social Service Society(CHASS)	Fr.Joseph Kalarickal	30	KERALA - KOTTAYAM	chass1966@gmail.com
8	Kerala Association for Rural Development	Dr. G Sasi	30	KERALA - KOLLAM	kardkeralaskills@gmail.com
9	ALL KERALA YOUTH CENTRE	K. R. ULLAS	30	KERALA - KOLLAM	akycktr@yahoo.co.in
10	The Dale View	C Christudas	30	KERALA - THIRUVANANTHAPURAM	ngodaleview@gmil.com
11	AGRICULTURE AND ECOSYSTEM MANAGEMENT GROUP	S MOHANKUMAR	28	KERALA - THIRUVANANTHAPURAM	agesinfo.tvn@gmail.com
12	society for Orientation And Rural Development	Jijin Viswan	28	KERALA - IDUKKI	giginviswan@gmail.com
13	RAJAGIRI outREACH	Dr.Fr.Jose Kuriedath	27	KERALA - Kochi	rossrajagiri@gmail.com
14	The Andhyodaya	Peter Thettayil	26	KERALA - ERNAKULAM	info@theandhyodaya.in
15	youth social service organization	485222222	25	KERALA - ERNAKULAM	ysso95@gmail.com
16	Centre For Overall Development COD	Bijo Abraham Chemparathical	25	KERALA - KOZHIKODE	codtmsy@gmail.com
17	Kottayam Social Service Society	Fr. Sunil Perumanoor	25	KERALA - KOTTAYAM	kottayamsssociety@gmail.com
18	ADARSH SARASWATI MAHILA SHIKSHA EVAM GRAMIN VIKAS SAMITI	LOKESH SINGH MEENA	23	KERALA - ALAPPUZHA	asmsgvsmmvmmu@gmail.com
19	CENTRE FO ENVIRONMENT AND DEVELOPMENT	DR. BABU AMBAT	23	KERALA - THIRUVANANTHAPURAM	director@cedindia.org
20	Shreyas Wayanad	Adv.Fr.Benny Edayath	22	KERALA - WAYANAD	shreyasbathery@gmail.com
21	SHREYAS	Adv. Fr. Benny Edayath	22	KERALA - WAYANAD	shreyasbathery@gmail.com
22	Wayanad Social Service Society	Fr. Powlose Koottala Joseph	20	KERALA - WAYANAD	info@wsssindia.com
23	Malabar Integrated Development Association	Fr.John Kayathikal	20	KERALA - KANNUR	midakannur@yahoo.com
24	Tellicherry Social Service Society	Fr. Scaria Thomas Nirappel (Fr.Benny) MSW,MBA,M.Phil	20	KERALA - KANNUR	tesstellicherry1966@gmail.com
25	RAJIV YOUTH FOUNDATION	ABDUL RASHEED PARAMBAN	20	KERALA - MALAPPURAM	rajivyouthfoundation5@gmial.com
26	Attappady Social Service Organisation	Fr. Davis Thattil CMI	20	KERALA - PALAKKAD	assoattappady@gmail.com



**Empanelled list of the Implementation Support Agencies (ISAs) to support the implementation of Jal Jeevan Mission (JJM) in Kerala**

S. No.	Name of the Organization	Name of the head of the Organization	No. of years of experience in water sector	Active in locations (State - Districts)	Email-Id
27	PLANET KERALA	Antony Kunnath	20	KERALA - THIRUVANANTHAPURAM	2001planet@gmail.com
28	The Palai Social Welfare Society	Fr. Thomas Kizhakkel	20	KERALA - KOTTAYAM	dssspalai@gmail.com
29	Christian Agency for Rural Development CARD	Rev Abraham P Varkey	20	KERALA - PATHANAMTHITTA	cardkn@gmail.com
30	Santhigram	Santhigram	20	KERALA - THIRUVANANTHAPURAM	santhigramkerala@gmail.com
31	KAIROS Kannur Association for Integrated Rural Organisation and Support	Fr. Shaiju Peter.	19	KERALA - KANNUR	kairoscnr@gmail.com
32	Gandhiji Study Centre	MATHACHAN PURACKAL	18	KERALA - IDUKKI	gsctdpa@gmail.com
33	KERALA VOLUNTARY HEALTH SERVICES	SAJU. V. ITTY	16	KERALA - KOTTAYAM	keralavhs@yahoo.co.in
34	Tellicherry Social Service Society	Fr. Benny Nirappel MSW,MBA,M.Phil	16	KERALA - KANNUR	tesstellicherry1966@gmail.com
35	SUSTHIRA CENTRE FOR SUSTAINABLE DEVELOPMENT STUDIES AND ACTION	SEBASTIAN AU	15	KERALA - KANNUR	susthiraprm@gmail.com
36	KERALA GRAMA NIRMANA SAMITHI	Lilly kutty .V.S	15	KERALA - KOZHIKODE	kgnteamclt@gmail.com
37	SOMA Social Organization for Mental health Action	Satheesh Chandran R	15	KERALA - THIRUVANANTHAPURAM	somasatheesh@yahoo.com
38	Malankara Social Service Society (MSSS)	Fr. Thomas Mukalumpurath	15	KERALA - THIRUVANANTHAPURAM	info@msss.org
39	Centre for Research and Development	Dr. Sasikumar C	14	KERALA - KASARAGOD	crkdsd@gmail.com
40	SEID WAYANAD	V.P.SHIBU	14	KERALA - WAYANAD	seid.wyd@gmail.com
41	EDAKKAL WINGS	REEJA SHIBU	12	KERALA - WAYANAD	wings@gmail.com
42	MIRROR CENTRE FOR SOCIAL CHANGE SULTHAN BATHERY WAYANAD	THOMAS PETER	12	KERALA - WAYANAD	mirrorwayanad@gmail.com
43	CENTRE FOR SOCIO ECONOMIC AND ENVIRONMENTAL STUDIES	Dr.N.Ajith Kumar	12	KERALA - ERNAKULAM	csesindia@gmail.com
44	Jawaharlal Memorial Social Welfare and Public co operation Centre	P.G. Thankamma	12	KERALA - KOTTAYAM	jawaharcentre@yahoo.com
45	Jeevan Jyothi	P M Pathrose	11	KERALA - WAYANAD	jeevanjyothiwynd@gmail.com
46	Chethana Integrated Development Society	Fr. Lukose Kannimel (Bijumon R )	10	KERALA - ALAPPUZHA	chethanamvk@gmail.com
47	SRI SATHYA SAI ORPHANAGE TRUST KERALA	K N ANAND KUMAR	10	KERALA - THIRUVANANTHAPURAM	saigramam2020@gmail.com
48	Entrepreneurship Development Society (EDS)	JANAKY P	8	KERALA - THIRUVANANTHAPURAM	edskerala@gmail.com

**Empanelled list of the Implementation Support Agencies (ISAs) to support the implementation of Jal Jeevan Mission (JJM) in Kerala**

S. No.	Name of the Organization	Name of the head of the Organization	No. of years of experience in water sector	Active in locations (State - Districts)	Email-Id
49	St. Thomas Association For Rural Service	Mr Jose Prakash CJ	8	KERALA - KOZHIKODE	starscalicut@gmail.com
50	Kottoor social welfare society	Mohanan PK	7	KERALA - KOZHIKODE	kottoorsws@gmail.com
51	Jyothi Jeevapooma Trust Archana Womens Centre	Ms.Thresiamma Mathew	7	KERALA - KOTTAYAM	archanajjt@gmail.com
52	KERALA RURAL DEVELOPMENT AGENCY	Adv. M Ebrahimkutty	7	KERALA - KOLLAM	krdaasia@yahoo.co.in
53	HIGHRANGE DEVELOPMENT SOCIETY	FR. BENOY MATHEW THADATHIL	6	KERALA - IDUKKI	frmathew6804@gmail.com
54	Centre for Employment and Educational Guidance CEEG	Abdullatheif CP	6	KERALA - MALAPPURAM	ceegkerala@gmail.com
55	Entrepreneurship Development Society (EDS)	JANAKY. P	5	KERALA - THIRUVANANTHAPURAM	edskerala@gmail.com
56	INSTITUTION FOR RURAL DEVELOPMENT	INSTITUTION FOR RURAL DEVELOPMENT (IRD)	4	KERALA - THIRUVANANTHAPURAM	irdkerala@gmail.com
57	BeFORE	Rev. Dr. Abraham Oliapurath	2	KERALA - ERNAKULAM	beforebmc@gmail.com
58	State Poverty Eradication Mission Kudumbashree	S.Harikishore IAS	0	KERALA - THIRUVANANTHAPURAM	mekudumbashree2@gmail.com

**IEC Action Plan**

Name of State: Kerala

Sl. No	Elements proposed	Proposed Spending					(Amt in Cr.)
		1st year	2nd year	3rd year	4th year	5 th year	Total
1	<b>Mass Media</b> – TV, Radio, Newspapers, Movies, AMRUT 2.0 Anthem etc.	0.69	0.69	0.69	0.69	0.69	<b>3.43</b>
2	<b>Social Media Campaign</b> through influencers, celebrities and recognition of Water Warriors	0.27	0.27	0.27	0.27	0.27	<b>1.37</b>
3	<b>Targetted Marketing through Collaterals</b> – Pamphlets, brochures, leaflets, snippets	0.69	0.69	0.69	0.69	0.69	<b>3.43</b>
	<b>Outdoor publicity</b> – hoardings, banners, standees, wall paintings etc.						
4	<b>Activations</b> – competition in institutions, local community	0.27	0.27	0.27	0.27	0.27	<b>1.37</b>
5	<b>Community engagement</b> through train the trainer	0.27	0.27	0.27	0.27	0.27	<b>1.37</b>
6	<b>Exhibition/Melas</b> of success stories	0.55	0.55	0.55	0.55	0.55	<b>2.74</b>
	<b>Total</b>	<b>2.74</b>	<b>2.74</b>	<b>2.74</b>	<b>2.74</b>	<b>2.74</b>	<b>13.72</b>

डी० थारा, आई.ए.एस.  
अपर सचिव  
D. Thara, I.A.S.  
Additional Secretary



भारत सरकार  
आवासन और शहरी कार्य मंत्रालय  
GOVERNMENT OF INDIA  
MINISTRY OF HOUSING AND URBAN AFFAIRS

DO No.K-14011/39 /2021-AMRUT-IIA

Dated: 25.08.2022

Dear Sir / Madam,

Efficient urban planning is essential to adequately take care of our cities to address burgeoning population. To address this, urban planning is an important reform under ongoing Atal Mission for Rejuvenation and Urban Transformation (AMRUT 2.0).

2. 461 AMRUT cities were considered for formulation of GIS based Master Plans under AMRUT Mission. Now, under AMRUT 2.0, a sub-scheme for formulation of GIS based Master Plans of towns having population more than 50,000 but less than one lakh is being launched by MoHUA. The Guidelines and the Template for State Action Plan (SAP) of the Sub-Scheme have been approved by the competent authority and are attached. SAP will be prepared and uploaded online on AMRUT 2.0 collaboration platform after approval of State High Powered Steering Committee (SHPSC). The States/UTs are requested to initiate the following actions:

- Identification of State Nodal Agency preferably State Town Planning Dept.
- Identification of a Nodal Officer preferably from State Town Planning Dept.
- Constitution of Consultancy Evaluation and Review Committee (CERC)/ Monitoring and Review Committee (MRC) if not constituted under AMRUT.
- Identification of Planning Area/Mapping Area of towns in your State, covered under sub-scheme.

3. Sh. Mohd. Monis Khan, Town & Country Planner, TCPO (email: khanmonis@yahoo.com, mob: 9818158485) is the nodal from the Ministry for the sub-scheme.

Yours Sincerely,

( D. Thara )

To

The Principal Secretaries (UD)/of all States/UTs.

Copy for information to:

The Chief Town Planners/Directors of State Town Planning & Country Planning Departments. All States/ UTs.



**A Sub-Scheme under  
Atal Mission for Rejuvenation and Urban Transformation 2.0**

**Formulation of GIS based Master Plans of Class-II Towns  
with population of 50,000 - 99,999**

**Reform Agenda**



सत्यमेव जयते

**Town & Country Planning Organisation**  
Ministry of Housing and Urban Affairs  
Government of India

August 2022

## **Sub-Scheme on Formulation of GIS based Master Plans of Towns having population 50,000 - 99,999 under AMRUT 2.0**

### **1.0 OBJECTIVE**

To develop standardized base maps, land use maps, master plans, and urban geo-portal using Geographical Information System (GIS) for towns having population 50,000 - 99,999.

### **2.0 RATIONALE**

AMRUT 2.0 is a step towards Aatmanirbhar Bharat with aim of making the cities 'water secure' and providing functional water tap connections to all households. Geo-database created under Sub-Scheme will help in urban planning through master plans, development plans, zonal plans, local area plans, town planning schemes, utility plans, and infrastructure plans etc. The master plans of cities will help in decision-making and efficient land use leading to holistic urban management. It is also expected to contribute to achieving AMRUT 2.0 objectives through better project planning in water sector

### **3.0 SCOPE AND COVERAGE**

AMRUT 2.0 guidelines mandate this reform, which envisages covering all Class-II Towns with population of 50,000 - 99,999. However, in case of hilly and north-eastern States and UTs, alongside Class II towns, the next class of statutory towns may also be taken up. The number of cities/ towns proposed to be covered in the Sub-Scheme is 675.

The State Town & Country Planning Departments/ State Mission Directorates of AMRUT who are the implementing agencies shall prioritize and intimate the cities to be taken up in the sub-Scheme through State Action Plan (SAP).

### **4.0 MAJOR DELIVERABLES**

The major deliverables are:

**4.1 Creation of Geo-database:** Final GIS-based base maps at the functional scales and defined layers as per Design & Standards documents of 'Sub-Scheme on Formulation of GIS based Master Plan for AMRUT Cities' and 'Application of Drone/UAV Technology for Formulation of GIS based Master Plan for Small and Medium Towns' published by Ministry of Housing and Urban Affairs (MoHUA) in May, 2016 and October, 2020 respectively.

**4.2 Formulation of GIS based Master Plan:** Formulation of GIS based master plans of cities as per State Town & Country Planning Act, which includes sector-wise data collection & analysis, demand assessment, identification of issues, projected requirements, development strategies and draft and final master plans using the geo-database created as per Design & Standards documents as mentioned at para 4.1.

**4.3 Capacity Building:** Build capacity amongst town planning, line departments and other concerned personnel at State and ULB levels including development authorities to create a

cadre of professionals proficient in the use of GIS technology for using and updating databases in urban planning and management.

The training programmes will include hands-on training on the use of open source GIS/RS technologies, generation/ updation of database for formulation/ revision of master plan etc. Operators, technicians, draftsmen, planning assistants, town planners and administrators will be trained during the program at different stages with regard to their role in implementing the Sub-Scheme. The duration of the training imparted will depend on the role of the personnel.

The course curriculum under Sub-Scheme on 'Formulation of GIS based Master Plan for AMRUT Cities' designed by a Committee constituted by MoHUA vide OM No. K-14011/2/2012-UCD(Pt.III) dated 30.11.2015 will be revised as per the requirements of Sub-Scheme under AMRUT 2.0. In this regard, the said Committee will be re-constituted by MOHUA.

National/Regional Workshops will be organized as and when required to meet this endeavor.

#### **4.4 Development of Centralized National Urban Geo-portal**

The existing and proposed geo-databases, and master plans, alongside Urban Water Information System (UWaIS), Aquifer Management Information System (AMIS), Local Area Plan (LAP) & Town Planning Scheme (TPS) of towns/cities created/formulated under various Centrals Schemes like AMRUT and AMRUT 2.0 alongside State funded Schemes/ Projects available with State Governments are to be uploaded and integrated on a 'Centralized National Urban Geo-portal'. This portal would provide a single window services to States/ UTs/ ULBs and other departments to increase the efficiency, productivity and transparency.

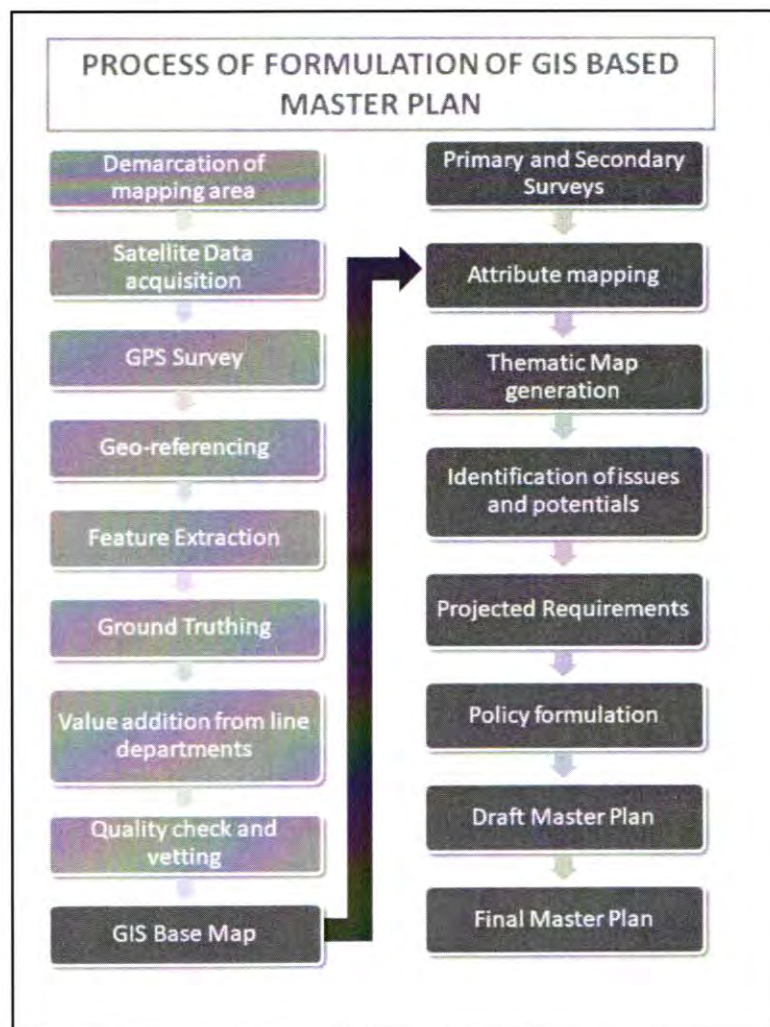
National Informatics Centre (NIC) will be roped in to develop a centralized Urban Geo-portal at national level on which all archives and latest geo-databases/master plans formulated will be uploaded by the States/ UTs. The Capacity Building in this regard will be provided by NIC.

States/UT Governments which will not be engaged with the said Sub-Scheme of AMRUT 2.0, due to absence of eligible towns, are however, mandated to upload final geo-database/s and approved master plans created/formulated under Sub-Scheme on 'Formulation of GIS based Master Plan for AMRUT Cities' on the Centralized National Urban Geo-portal.

#### **4.5 Development of Integrated Mobile Application**

As AMRUT 2.0 envisages the Sub-Scheme will also be paperless and all above deliverables will be primarily met on robust technology platform. In this endeavor, an Integrated Mobile Application for Vetting and Attribute Data collection to incorporate inputs from Satellite Imagery and Drone Technology in accordance with the Design & Standards documents mentioned at para 4.1 and primary data collection for Master Plan Formulation in an integrated manner, will be developed in coordination with Indian Institute of Remote Sensing (IIRS), Department of Space (DoS), Dehradun. Capacity Building in this regard will be provided by IIRS. A Committee will be constituted to look after the development and functioning of the Mobile App.

## 5.0 PROCESS OF FORMULATION OF GIS-BASED MASTER PLAN



## 6.0 ROLES & RESPONSIBILITIES

### 6.1 Role of Central Government

The MoHUA/ TCPO will monitor and coordinate the implementation of the Sub-Scheme besides preparation of State Action Plan template, model Request for Proposal (RFP) documents for procurement for consultancy services for creation of geo-database and master plan formulation components, course curriculum for capacity building etc. for States/Cities.

MoHUA/TCPO will coordinate with concerned agencies for the activities mentioned in para 4.0.

### 6.2 Role of State Government

The State Town & Country Planning Departments will be the nodal agency implementing the Reform at the State level in association with AMRUT State Mission Directorate.

The identification of cities/towns as mentioned in para 3 and demarcation of planning area will be done by respective State Town & Country Planning Departments in consultation with State Mission Directorate and the ULB concerned under the Sub-Scheme of AMRUT 2.0.



Cities may be prioritized as below -

- The first priority may be given to cities which do not have master plans followed by whose existing Master Plans are about to expire.
- The State, keeping in mind the size and importance of cities

The State Town & Country Planning Departments in association with State Mission Directorates will formulate the GIS based master/ development plans.

In case of creation of geo-database and master plan formulation component/s being done through out-sourcing; the procurement of consultancy services for will be done by State Town & Country Planning Departments in association with AMRUT State Mission Directorates.

The proposal has to be approved by SLTC and SHPSC as per AMRUT 2.0 Guidelines.

### **6.3 Role of Urban Local Bodies**

Urban Local Bodies will assist State Nodal Agencies in collection of urban database including socio-economic data collection and analysis report for master plan formulation. ULBs will also assist for the spatial attribute data collection and vetting of maps, in association with State Nodal Agencies as per the Design & Standards mentioned in para 4.1.

Once prepared, the States/ ULBs will have the mandate to put these GIS based maps to maximum use for planning, monitoring and other requirements.

### **7. TIMELINES**

The AMRUT 2.0 Mission desires Reforms to be implemented in first four years of the Scheme. In this regard, total time period for base map generation including data acquisition, geo-referencing, GPS survey, data processing, vetting and attribute data collection, generation of final base maps, etc. as per the technology specified in above mentioned Design & Standards documents will be implemented within the first three years of AMRUT 2.0 Mission.

Time period for urban data collection, data analysis and master plan formulation will be implemented within the first four years of AMRUT 2.0 Mission.

Development of Centralized National Urban Geo-portal and Development of Integrated Mobile Application will be implemented within the first year of AMRUT 2.0 Mission.

### **8. BUDGET ESTIMATE**

MoHUA has worked out unit cost norms and estimated expenditure for supporting this activity for 675 cities/towns. These will be subject to approval by Apex Committee.

As per the estimates, the total cost to support this reform activity is estimated to be Rs. 631.13 crores, of which Creation of Geo-database is Rs. 121.50 crores, Formulation of GIS based Master Plan including vetting & attribute data collection is Rs. 472.50 crores, Capacity Building

is Rs. 14 crores, Development of Centralized National Urban Geo-portal is Rs. 22.23 crores and Development of Integrated Mobile Application is Rs. 0.90 crores.

This will be met out of AMRUT 2.0 funds under relevant heads. No separate budget head or scheme is proposed for this.

The year wise budget allocation is estimated as under:

Sl. No.	Year	Budget (Rs. Cr)*
1	2022-23	100.00
2	2023-24	200.00
3	2024-25	200.00
4	2025-26	131.13
	<b>Total</b>	<b>631.13</b>

\* Budget requirement is subject to the demand from the States.

The detailed cost estimates are at Annexure-1.

## 9. STRUCTURE OF FUND MANAGEMENT

As per AMRUT 2.0 Guidelines, funds under the Mission will be allocated by MoHUA to States/UTs through the Apex Committee following the Mission Guidelines.

There are five main steps for achieving this reform:

1. Creation of Geo-database
2. Formulation of GIS based Master Plan
3. Capacity Building
4. Development of Centralized National Urban Geo-portal
5. Development of Integrated Mobile Application

The over and above of estimated cost (component wise) will be borne by the respective State/UT governments.

Component wise funds will be released on the basis of States/UTs performance in the AMRUT GIS Sub-Scheme on 'Formulation of GIS based Master Plan for AMRUT Cities'. State/UTs which will achieve 50% physical milestones in all AMRUT Cities in their respective States/UTs, will be eligible to draw funds for Creation of Geodatabase and Formulation of Master Plan, however funds for Capacity Building can be drawn by all interested States/UTs. This criterion can be met by the States/UTs till the closing of AMRUT GIS Sub-Scheme.

50% physical milestones may be defined as Cities having draft master plan and ready to publish the same for objections and suggestions. In case States, have opted for 'Creation of Geo-database' only, 50% physical milestones will be defined as completion of draft geo-database.

### 9.1 Funding for Creation of Geo-database

The creation of Geo-database may be taken up in-house, out-sourcing or through National Mapping Agencies like National Remote Sensing Centre (NRSC) and Survey of India (SOI). Based

on requirement of State/UTs Governments, MoHUA will sign Memorandum of Understanding (MoU)s for geo-database creation with NRSC and SOI.

MoHUA/ TCPO proposes to coordinate and facilitate creation of geo-database including payments directly to National Mapping Agencies on pro-rata basis for the extent of area mapped as proposed and required by State/UT Governments, calculated on the basis of the cost provided by the National Mapping Agencies.

## **9.2 Funding for Formulation of GIS-based Master Plan**

The State Mission Directorate/ State Town & Country Planning Departments will manage the funds for formulation of GIS based Master Plan. The exact quantum of funds to be sanctioned and released will depend upon the following:

- The total number of cities for which GIS-based Master Plan Formulation is being taken up and approved by Apex Committee.
- Whether work is taken up in-house or it is outsourced to a Consultant.
- If it is outsourced to Consultant, then the cost quoted by the Consultant and approved by SHPSC/ SLTC/ will be applicable.
- The RFP document lays down a schedule of submission and approval of stage reports followed by fund release to the Consultant.

## **9.3 Funding for Capacity Building**

The State Mission Directorate/State Town & Country Planning Departments will manage the funds for the capacity building component. The pattern for fund sanction and release for capacity building component of the Reform will be as per the cost and schedule of training proposed by the State Mission Directorate and approved by SHSPC/ SLTC under the overall framework for capacity building.

## **9.4 Funding for Development of Centralized National Urban Geo-portal**

MoHUA/ TCPO proposes to coordinate and facilitate the development of Centralized National Urban Geo-portal with NIC, GoI. Payments will be made directly to NIC according to cost provided for development of the said portal. An MOU will be signed between MoHUA and NIC in this regard.

## **9.5 Funding for Development of Integrated Mobile Application**

MoHUA/ TCPO proposes to coordinate and facilitate the development of Integrated Mobile Application with IIRS, DoS, GoI. Payments will be made directly to IIRS according to cost provided.

## **9.6 Fund Flow**

**9.6.1 State/ UT Governments:** The Scheme envisages a pattern of release of funds in four installments i.e 20-40-20-20 as per details provided below.

- 20% of the project cost will be released as an advance on approval of the SAP for image acquisition and collection of socio-economic data
- 40% of the project cost on completion of draft geo-database creation, vetting and attribute data collection using Integrated Mobile Application developed by MoHUA/ IIRS, and uploading of final geo-databases and approved GIS based master plans created/ formulated under AMRUT Sub-Scheme on 'Formulation of GIS based Master Plan for AMRUT Cities' or through any other State/UT Initiatives on Centralized National Urban Geo-portal.
- Next 20% on creation of final geo-database, submission of draft master plan and uploading of final Geo-databases of towns/cities created under AMRUT 2.0 Sub-Scheme on Centralized National Urban Geo-portal.
- Final 20% installment on approval of final master plan and uploading the same on Centralized National Urban Geo-portal.
- Funds at every stage will be released subject to furnishing of the utilization certificate and physical milestone achievement of deliverables duly reported by competent authority.

#### **9.6.2 National Mapping Agencies/ NIC/ IIRS**

Funds for creation of geo-database through National Mapping Agencies viz. NRSC and SOI, development of Centralized National Urban Geo-portal by NIC and development of Integrated Mobile Application by IIRS will be released according to the fund pattern in the respective MOUs/ proposals signed and approved by MoHUA.

**9.7 Admissible Components:** Satellite data acquisition, data generation through primary, secondary and data analysis, value addition, vetting, capacity building, Urban Geo-portal, Mobile Application, master plan formulation and hardware & software required for Centralized National Urban Geo-portal.

**9.8 Inadmissible Components:** Site development, wages & staff component, furniture and fixtures and hardware & software. Further the funding under the Scheme shall not include any recurring costs.

### **10. REVIEW AND MONITORING MECHANISM**

Although, all the Reform activities under AMRUT 2.0 are proposed to be reviewed on a regular basis, this particular reform will be monitored as follows:

#### **At Central Level:**

- Periodic and detailed monitoring and review of the reform state-wise will be carried out by TCPO/MoHUA.
- TCPO/MoHUA will periodically visit the National Mapping Agencies, State/UT Governments, NIC and IIRS, to oversee the progress of the AMRUT 2.0 Sub-Scheme, and will report to the National Monitoring and Review Committee (NMRC).

- The composition of NMRC is as under:
 

• Chief Planner, TCPO	Chairman
• Addl Chief Planner, TCPO	Member
• Representative of NRSC	Member
• Representative of Sol	Member
• Representative of NIC	Member
• Town & Country Planner, TCPO	Member Convener
  
- The Monitoring and Review Committee will report to the Technical Advisory Committee under the Chairmanship of Joint Secretary (Mission Director – AMRUT), MoHUA, constituted vide order no. K-14011/2/2012-UCD (part) dated 17.03.2015, which will further report to Apex Committee of AMRUT.
  
- The Apex Committee will monitor/ review overall progress and achievements and address any inter-agency issues.

**At State Level:**

The Consultant’s work will be monitored and reviewed by a Consultancy Evaluation and Review Committee (CERC) while in-house work will be administered by a Monitoring and Review Committee (MRC). The CERC/ MRC will report to State Level Technical Committee (SLTC). The indicative composition of the CERC may be as follows:

- |     |   |                 |
|-----|---|-----------------|
| i   | Principal Secretary (UD)/ Director, State Mission Directorate AMRUT | Chairman        |
| ii  | Director/ CTP, Town & Country Planning Dept.                        | Member          |
| iii | Municipal Commissioner of the AMRUT Town                            | Member          |
| iv  | Chief Engineer, PWD & PHE   | Member          |
| v   | Representative of Disaster Management Authority                     | Member          |
| vi  | Representative of MoHUA/ TCPO                                       | Member          |
| vii | Senior Town Planner of concerned State/ UT                          | Member-Convener |

[The composition of the CERC/MRC may be modified as per State Government requirements]

- SLTC will administer the progress of the technical implementation of the Reform.
- State level High Powered Steering Committee (SHPS) will look into overall coordination and implementation of the Reform.

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## Annexure-1

**A. Cost of Creation of Geo-database**

No. of towns	Avg. Area/ Town (sq. km.) #	Total Area (Sq. Km.)	Cost * (Rs. in Cr.)
675	100	67500	121.50

\* The Cost is based on the estimates for creation of geo-database using drone technology Rs. 18000/- per sq. km (approx) excluding vetting and attribute data collection will be applicable; as worked out by Survey of India (Sol) as per Design and Standards document published by MoHUA in October, 2020.

In case States/UTs desires to create geo-database using VHRS data, the unit rate cost of Rs. 12894/- per sq. km (approx), as submitted by National Remote Sensing Centre (NRSC) for creation of geo-database using AMRUT Sub-Scheme on 'Formulation of GIS based Master Plan for AMRUT Cities' Design and Standards document published by MoHUA in May, 2016; excluding vetting and attribute data collection; will be applicable.

# Average area of a town has been worked out on the basis of information obtained from State/UTs. Actual area will be worked out in SAP by State Government for each town and accordingly cost will be calculated.

**B. Cost of Formulation of GIS based Master Plan**

No. of towns	Unit Cost (Rs. crores/town)*	Total Cost (Rs. in crore)
675	0.70	472.5

\*As per the rates obtained from State Town & Country Planning Departments

**C. Cost of Capacity Building**

S. N.	Capacity Building	Total Cost (Rs. in crore)
1.	GIS-based master plan formulation and Integrated Mobile App*	13.50
2.	National/Regional Workshops**	0.50
Total		14.00

\* Cost for Capacity Building for GIS-based master plan formulation as per the Course Curriculum of MoHUA and Integrated Mobile App during the tenure of the Sub-Scheme is estimated to be approximately Rs. 13.00 Crores @ Rs. 2 lakhs per towns for 675 towns.

\*\* Cost for organizing 10 National/Regional Workshops during the tenure of the Sub-Scheme is estimated to be approximately Rs. 0.5 Crores @ Rs. 5 lakhs per Workshop

**D. Cost of Development of Centralized National Urban Geo-portal**

The rates for development of Centralized National Urban Geo-portal have been obtained from NIC, Gol. The total estimated cost is Rs. 22.23 crores.

### **E. Cost of Development of Integrated Mobile Application**

The rates for development of Integrated Mobile Application have been obtained from IIRS, DoS, Dehradun. The total estimated cost is Rs. 0.90 crores.

### **F. TOTAL SUB SCHEME COST**

<b>S. N.</b>	<b>Components</b>	<b>Cost * (Rs. In Cr.)</b>
1.	Creation of Geo-database	121.50
2.	Formulation of GIS based Master Plan	472.50
3.	Capacity Building	14.00
4.	Centralized National Urban Geo-portal	22.23
5.	Integrated Mobile Application	0.90
<b>TOTAL</b>		<b>631.13</b>