

Scope of End-to-End Support

1. Each PDMC will have one state office (comprising of project management and design professionals) at respective capital city of the state and multiple field offices (comprising of project implementation professionals). The PDMC's Management and Design professionals will be stationed at state office and will travel to the project cities as per the work requirement.
2. The project implementation professionals will be stationed in cities having population greater than five lakh and serving all surrounding AMRUT cities having population below five lakh. In exceptional cases the States may appoint PDMCs for a set of cities surrounding a city having three-lakh population. Depending on the special circumstances prevailing in the UTs, NE and Hill States they may decide on a different structure for locating the implementation professionals.
3. The scope of PDMC under the proposed mission will be divided into four broad components namely Planning, Design and Supervision and Project Management. The PDMC's scope includes preparation of City Wide Concept Plan, Service Level Improvement Plan (SLIP) and State Annual Action Plan (SAAP). The PDMC will identify projects on the basis of SLIP framework, and carry out required investigation, design, procurement, and implementation. The PDMC will also ensure compliances and monitoring of the project activities using PMIS / latest IT tools and techniques such as online monitoring of work sites with the aid of cyber tools.
4. The PDMC will develop "City-wide Concept Plan" which is a non-fully complete CDP, which may be based on old or revised City Development Plan (CDP). The City-wide Concept Plan will contain the City Vision, description, situation analysis/ As-is description of the water supply, storm water drainage, sewerage and septage management and open spaces (e.g. parks, playgrounds). All previous plans and documents (e.g. City Sanitation Plan, City Mobility Plan, Master Plan and other plans) of all departments and agencies will also be reviewed to craft an overall strategy focused on achievement of Service Level Benchmarks (SLBs). Possibilities to apply smart technologies for providing better and enhanced basic services to the people of the city will be included in the strategy.
5. PDMC will build on the available data, information and plans to assess existing levels of coverage of water supply and sewerage. Nearly all Mission cities will have

some data, information and plans. For example, in water supply and sewerage the basic unit is the zone (or equivalent) based on ground contours. In the zone the number of households having water tap connections and those not having will be taken from the Census (2011) or the baseline survey done by the MoUD. No new baseline survey is envisaged at planning stage.

6. Once the gap between the existing number of households having water and sewerage/septage connections vs. the total number of households is computed, plans will be prepared to bridge the gap by using one or more of the components set out in the Mission Guidelines.
7. Next, technical investigation will be done to prepare options showing different ways, both technical and financial, to cover all the households in a zone with water supply and sewerage/septage connections.
8. The PDMC will examine and use inter linkages with other schemes mainly in terms of coverage, impact, outcomes, etc.; convergence in outcomes and funds flow will also be done. Here, innovative ways of doing more with less, application of Smart Solutions and citizen-generated innovations will be explored. For each alternative the cost (both capital and O&M) of the project will be prepared based on line (or abstract) estimates. After this investigation, the Service Level Improvement Plan (SLIP) will be prepared containing options with their capital and the O&M costs.
9. The scheduling of projects in the SLIP for next five years will be done in consultation with citizens after informing them about likely costs of all the projects in the zones/ULB. City Planning and SLIP development will be people-driven achieved through citizen consultation meetings involving diverse people and groups of people, such as resident's welfare associations, tax payers associations, senior citizens, chamber of commerce and industries, slum dwellers associations groups. During these consultations details of best practices and appropriate smart solutions will also be shared with the citizens in order to enable them to make informed decisions and generate innovative solutions. Citizen participation will increasingly rely on ICT, especially mobile-based tools.
10. There will also be a financial plan prepared. During consultations citizens will be informed about the cost and the need for external sources of funds. Innovative financing models and mechanisms will be fully described. The challenge in

providing basic services at benchmark levels, at reduced costs and less resource consumption will be shared with the citizens.

11. During the process of developing the SAAP, the PDMCs should explore the possibility of using Public Private Partnerships (PPP), which should be the preferred execution model.
12. For project identified and approved under SAAP, PDMC will prepare Detailed Project Reports (DPRs) and Bid Document. Review of infrastructure status, gap and demand assessment with reference to service level indicators will be made for the identified projects. Convergence of project component will be ensured with other sectoral and area programs in the city.
13. Field/ laboratory Investigations, surveys, formulation of technical options, design, cost estimates and solutions to resettlement & environmental issues will be made a part of DPR. The finance plan including O&M strategy for the complete life cycle of the project will be an integral part of DPR.
14. Possibilities to apply smart technologies for providing better and enhanced basic services to the citizens will be explored while formulating the DPR. At draft DPR stage, first stage consultations will be facilitated by PDMC to engage citizens and get feedback and adopt midcourse correction, if required.
15. The DPR will identify contracting opportunities including exploring options for PPP/ Service Level Agreements or direct contracting and accordingly provide corresponding bid document. Based on the bid document PDMC will support States/ ULBs in the procurement of contracting firms, according to their laws and rules.
16. The PDMCs will provide extensive support in project execution to the ULBs/ State parastatal. It will help in ensuring cost, time and quality compliances as envisaged in contract agreement. Expertise of PDMC firms will be used by the State and City Governments to make quick decisions so as to ensure timely completion of projects within cost estimates.
17. The PDMC will also ensure linkage between proposed infrastructure project and delivery of services. It will monitor improvement in services level indicators as contained in the State Annual Action Plan (SAAP). Periodic second stage

consultations for taking useful feedback will also be facilitated by PDMCs during implementation phase.

18. All the work has to be done according to the mission statement and guidelines of AMRUT as issued by MoUD.
19. The detailed Terms of reference including specific scope of work, professional staff requirement, payment schedule and implementation arrangement shall be provided in the Request for Proposal (RfP) to be issued by respective State/ Union Territory to the Empanelled consulting Firms.