

## **EXECUTIVE SUMMARY OF “MADAKASIRA” ULB**

### **Introduction**

The Andhra Pradesh Urban Water Supply and Septage Management Improvement Project (APUWS&SMIP) with assistance from Asian Infrastructure Investment Bank (AIIB) is launched by the Government of Andhra Pradesh (GoAP) to improve service standards in water supply in 50 ULBs. This project is expected to benefit and improve the living standards of about 33 lakh populations by providing potable water at 135 LPCD. Government of Andhra Pradesh (GoAP) has received financial assistance from the Asian Infrastructure Investment Bank (AIIB) for the project. Andhra Pradesh Urban Finance and Infrastructure Development Corporation (APUFIDC), is the nodal agency for the Project and Public Health & Municipal Engineering Department (PHMED) is Implementing Agency.

**Components of Water Supply Project:** The components of the Improvement of Water Supply Scheme are proposed, designed and estimated for the prospective and ultimate years of 2033 & 2048 respectively by drawing raw water from reliable source i.e Akkampalli Cheruvu. Proposed components under this project are, Intakewell, WTP, Pump house, Balancing reservoirs, ELSRs, raw & clear water mains and distribution network.

### **Sub-project Impacts**

Efforts were made during preparation of DPR to avoid and minimize negative impacts on environment and social aspects by carefully designing the proposed project alignments and consciously considering available or existing alternatives.

### **Environmental Impacts**

The major impacts envisaged in the project are Air, Noise, Water pollution during construction, operations phases, there are 136 nos. of native plants having girth size less than 30 cm needs to be cut, and construction related activities that generates dust, noise and impede access could disturb the local residents. Disposal of excess earth and construction waste, storage and handling of raw materials, labour management Risks etc. It may also create traffic problems due to traffic jams near the construction site.

### **Social Impacts**

The project in Madakasira does not involve any private land acquisition. The impacts include access disruptions to about 10 assets and 13 vendors are going to be impacted temporarily due to project distribution network.

### **Environment and Social Management Plan and Budget**

ESMP was prepared as per the Environment and Social Management Planning Framework (ESMPF) and Resettlement Policy Framework (RPF) of Andhra Pradesh Urban Water Supply and Septage Management Improvement Project (APUWSSMIP).

The RPF project specific document has guided in preparation of mitigation measures for the identified social impacts and provided to enhance or restore the standard of living of the affected families. As stated in the RPF, Compensation and Rehabilitation and Resettlement assistance has to be paid before displacement or taking possession of land. No sub-project civil works will be initiated unless compensation for land and assets and rehabilitation and resettlement assistance is provided in full to all eligible AFs and APs.

### **Mitigation measures**

Provision for monitoring of Air, Noise, Water pollution levels during construction and operation phase, Regular water sprinkling for suppression of dust emissions, maintenance of adequate Personnel Protective Equipments (PPEs) at work places, Provision for compensatory plantation & vegetative barriers, provision for disposal of debris and solid waste at designated areas, preserve of top soil for compensatory plantation of about 680 saplings are proposed. In total, it is observed that minimum impact on environment is envisaged. Budget estimates for implementation of ESMP is EMP of Rs. 31.60 lakhs and for implementation of SMP/RAP for the affected population is Rs. 5.14 lakhs.

### **Community Engagement and Behaviour change and communication programme**

Public participation, consultation and information dissemination in a project begins with initial Environment and Social assessment activities during the initial phases of project preparation. Public consultation activities and information dissemination to PAPs and local authorities continues as the project preparation activities proceed in a project. A Behaviour Change Communication Action Plan will be prepared during project implementation in line with the guidance provided in Social Development Component. A communication strategy will be developed to identify different population groups with the user community inside the ULBs focussing on better use of the services, responsible use of services, equitable distribution of project benefits, address the concerns of adversely impacted persons. APUWSSIP will engage a NGO in every Circle to discharge the above activities.

### **Implementation Arrangement**

PHMED is the Implementing Agency and will be responsible for the technical implementation of the project in coordination with the respective ULBs. ESMP implementation will be monitored by PMU along with PMC for implementation of environmental and social safeguards.

### **Grievance Redressal Mechanism**

The project has a grievance redressal mechanism at the ULB level (Madakasira and at the state level. At the ULB level, Madakasira has a Grievance Redress Committee (GRC) with Municipal Commissioner as head to register and redress the grievances and complaints of project stakeholders and project affected persons and resolve the same. In case of grievances are not resolved at the ULB level, the aggrieved can approach the Grievance Redress Panel (GRP) at State level headed by the Project Director as a Chairperson. The following are the details of GRC.

S.No.	Position	Name	Contact Details (Phone, Mobile, Email and Address, etc.)	Remarks
1	The Municipal Commissioner, Madakasira - Chairperson	Sri J.Nagarjuna	9515108814	Chairperson
2	PHMED Engineer	Sri N.Satyannarayana	8500063422	Member
3	AE/ AEE, Madakasira - Convener	Sri G.Narasimhamurty	9441149762	Convener
4	Eminent Citizen from Madakasira – Member	Sri N.B.Venkatesh	9866154255	Member
5	Sankalpa Society Member, Madakasira - Member	Sri G.Muralikrishna yadav	9494312340	Member
6	Woman representative from Women Groups/ Civil society, Madakasira - Member	Smt Padmavathi, Jhansilakshmi Pattanna Paraspara samakhya	9912033898	Member
7	Any Other (Ward amenities secretary)	Sri T.D.Eresh	9676074338	Member

### Availability of Project documents

The Hardcopies of project reports are available at Madakasira ULB office and softcopies can also be downloaded from websites of AIIB ([aiib.org](http://aiib.org)), APUFIDC (<http://ppmsonline.in/>) and PHMED ([www.appublichealth.gov.in](http://www.appublichealth.gov.in))