

## DOCUMENT – 2

### \* FORMAT FOR RECORDING CONSULTATIONS

<b>District</b>	: Prakasam	<b>Date</b>	: 31.03.2011
<b>Locality</b>	: Markapur Municipality and other locations of service reservoirs	<b>Time</b>	: 11:00 a.m to 02.00 p.m
<b>Municipality / Corporation</b>	: Markapur Municipality	<b>Venue</b>	: Municipal Conference Hall and other locations of service reservoirs
<b>Sub-project</b>	: Comprehensive water supply improvement project in Markapur	<b>Duration</b>	: 3.00 hrs.

#### 1. Sub-project Description

As part of the initiative taken by the Commissioner & Directorate of Municipal Administration (CDMA), Government of Andhra Pradesh under the Andhra Pradesh Municipal Development Project (APMDP), a project on comprehensive planning of water supply improvement in Markapur Municipality is in the process of detailed engineering studies. M/s. Aarvee Associates Architects Engineers & Consultants Pvt., Ltd., Hyderabad is providing the consultancy services for this project. With initiative and help from the Markapur Municipality, Consultant has given the presentation at Stakeholders Meeting twice at the GMC premises and other consultations at service reservoirs. The major objectives of the project are:

- Assessing the status of existing water supply system in ULB area.
- Develop an action plan to improve the system performance immediately in the form of project interventions (immediate interventions, short term and long term interventions).
- Preparation of a draft Detailed Project Report (DPR) including preparation of social & environmental assessment and management framework.
- Preparation of Capacity Building and Action Plan.
- Financial Analysis

The details of the water supply improvement scheme proposed in Markapur Municipality upto Feasibility stage and Concept Plan is given for various project components are given below:

- **Sources of water and Intake structure:**

The major sources of water are 1.Gundlakamma River and 2. Nagarjuna Sagar Right Bank Canal

(NSRBC). The existing Intake well near Dupadu village, which is sufficient for the ultimate drawl requirements, will be used for proposed water supply improvement project.

- **Water conductor system or Rising main:**

The new water conductor system is proposed parallel to the existing system which will pass through Dupadu intake to WTP at PH office premises.

- **Summer storage tank:**

There is one summer storage tank exists at Dupadu village having capacity of 2200 ML and the proposed storage tank is very adjacent to the existing SS tank with a capacity of 2200 ML to serve Municipality needs.

- **Water Treatment Plants (WTPs):**

There is one WTP is exiting at PH office premises with a capacity of 3.4 MLD and another WTP is under construction having capacity of 4.6 MLD. The proposed WTP to be constructed in the PH premises with a capacity of 8.5 MLD (Year 2026) and 4.6MLD (2041).

- **Elevated Service Level Reservoirs (ELSRs):**

There is one Elevated Service Level Reservoirs (ELSRs) present and another 2nos. are in completion stage. There are 5 nos. of ELSRs will be proposed by considering the water supply demand upto 2041.

- **Distribution System:**

The majority of distribution system will be replaced by new lines to meet the requirements for the year 2041. The entire town will be covered with distribution system by implementation of the proposed water supply improvement project.

## 2. Issues raised by the community and responses provided

SI.No.	Key Issues Identified	Response by the Urban Local Body
1	<p><b>Technical issues:</b></p> <p>i) Utilise the existing Gundlakamma River water as stand by and design for future supply source from NSRB Canal.</p> <p>ii) Replacement of AC pipelines in 32 wards of the municipality.</p> <p>iii) Some of the areas in the municipality not having the water supply distribution system and the same needs to be</p>	<p><b>Responses:</b></p> <p>ii) Gundlakamma source is not a dependable source, hence, the NSRB Canal is considered in design for the future requirements.</p> <p>ii) Replacement of AC pipeline is already considered in the design.</p> <p>iii) The proposed water supply improvement scheme is covered the entire municipal area</p>

	<p>covered.</p> <p>iv) Present population in the Markapur Municipality is about one lakh, but, why considered 70 thousand in the design.</p> <p>v) Why considered 135 lpcd and suggested us to reduce the same.</p> <p>vi) Are there any provisions to reform the road after laying the distribution network?</p>	<p>in the design.</p> <p>iv) As per the Census 2011, the Markapur is having population of 70249 and the same is considered in the design.</p> <p>v) The 135 lpcd is considered after having careful examination and approval from the PH, ENC and Project Director.</p> <p>vi) The proposed scheme is having a provision of laying new roads after laying of distribution network.</p>
2	<p><b>Social Issues:</b></p> <p>i) Constitute a ward level committee with a public representative from each ward, NGO and municipal employee to resolve the water supply problems and maintain harmony.</p> <p>ii) Residents of the municipality are willing to pay water charges, if municipality supplies good quality of water.</p> <p>iii) Grievances and Redressal mechanism is not available.</p>	<p><b>Responses:</b></p> <p>i) Commissioner, Markapur agreed to do so.</p> <p>ii) The proposed scheme is designed to meet the Markapur Municipality requirements comprehensively with quality and quantity.</p> <p>iii) Commissioner has shown the Complaints registration book and requested the staff, NGOs &amp; press to create more awareness among the common public on this issue.</p>
3	<p><b>Environmental Issues:</b></p> <p>i) Water supply in the slum areas are mostly contaminated, low pressures observed resulting stagnation and contamination of water.</p> <p>ii) Water from the tap end for the first half an hour will be giving bad odour and turbid in nature.</p> <p>iii) Water quality in the municipal limit should be analysed periodically.</p> <p>iv) Drainage in some localities such as Gandhi bazar, Radha talkies is etc is getting mixed with the municipal water.</p>	<p><b>Responses:</b></p> <p>i) The contaminated areas will be rectified immediately.</p> <p>ii) Commissioner directed the concerned engineer to sort out the issue immediately.</p> <p>iii) Commissioner replied that the water quality is very regularly analysed at Panchayat Raj Internal Water Quality Laboratory, Darsi, Prakasam District.</p> <p>iv) ii) Commissioner directed the concerned engineer to sort out the issue immediately.</p>

### 3. Follow up Action Required

<b>Key Issue 1</b>	Check the feasibility of utilization of River Gundlakamma as as stand by source.
<b>Key Issue 2</b>	Verify the entire distribution system planned for replacement.
<b>Key Issue 3</b>	Identify the lack of distribution network in the municipality and considered the same for development in the proposed project.
<b>Key Issue 4</b>	Verify the present population and pecapita considered for the water demand
<b>Key Issue 5</b>	Ask the municipal officials to constitute a ward level committee to resolve the water supply issues in the locality.
<b>Key Issue 6</b>	Check the stakeholders with respect to willingness to pay the water supply charges.
<b>Key Issue 7</b>	Check the contaminated areas and rectify the same.
<b>Key Issue 8</b>	Check the water quality monitoring is being done on regular basis or not.
<b>Key Issue 9</b>	Rectify immediatly the drainage mixing with municipal water at Gandhi bazar and Radha Talkies area

#### 4. Follow up Action Taken

<b>Key Issue 1</b>	The Gundlakamma River water source is not a dependable source and it flows partly in rainy season. Hence, it is not considered in the design.
<b>Key Issue 2</b>	The distribution system of the municipality is verified with all aspects and the same needs to be replaced.
<b>Key Issue 3</b>	Some of the area is not having distribution network and the same is considered in the present proposal.
<b>Key Issue 4</b>	The considered population is verified from the municipality/ revenue authority and percapita water demand is considered after due consultation and discussions had with the authorities.
<b>Key Issue 5</b>	Commissioner has assured to constitute a ward level committee to resolve water supply issues and maintain good harmony between municipality and public.
<b>Key Issue 6</b>	Majority of the people residing in the municipality are willing to pay the water charges as there are already spending so much money on procurement of water.
<b>Key Issue 7</b>	The commissioner directed the engineers to sort out the water contamination issues immediately.
<b>Key Issue 8</b>	Water quality analysis is being carried out at Panchayat Raj Internal Water Quality Laboratory, Darsi, Prakasam District on regular basis.
<b>Key Issue 9</b>	Commissioner directed the concerned engineers to rectify the same immediately.

\* This document will be used while conducting consultations and discussions with the community and the PAPs at all stages of the sub-project, to record the discussions. The format given above will be useful in reviewing, planning and strengthening sub-projects by incorporating the views of the community on sub-project designs, alignments, environmental components like impacts, safeguards, etc.