

DOCUMENT – 2

* FORMAT FOR RECORDING CONSULTATIONS

District	: Srikakulam	Date	: 02/04/11
Locality	: Palasa Kasibugga	Time	: 11:00 a.m to 02.00 p.m
Municipality / Corporation	: Palasa Kasibuga Municipality	Venue	: Palasa Kasiibugga Conference Hall and other locations of service reservoirs
Sub-project	: Comprehensive water supply improvement project in Palasa Kasibugga Municipality.	Duration	: 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 Palasa Kasibugga 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 Palasa Kasibugga Municipality, Consultant has given the presentation at Stakeholders Meeting twice at the municipality premises and other consultations at service reservoirs. The major objectives of the project are:

- Assessing the status of existing water supply system in Corporation 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 Palasa Kasibugga 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 in Palasa Kasibugga are openwells such as 1. Near Jagannadhasagaram (2nos.), 2. Near Chakali cheruvu, 3. Near Penta Ravi site and 4. NH-5, Krishna Rao Site. The sump which collects the water from all the wells is being pumped to the existing ELSRs. The proposed source of water is from Regulapadu off shore reservoir near Regulapadu village. An intake well is also proposed near Regulapadu village.

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

The new water conductor system/ trunk main is proposed from Reulapadu reservoir to Jagannadhasagr for about 14.0 Km. The proposed DI pipeline is having 500mm diameter.

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

As of now, there is no WTP exists in the Palasa Kasibugga Municipality. The proposed WTP to be constructed near Jagannadhasagaram with a capacity of 7.9MLD for the prospective year (Year 2026) and 1.5 MLD for the ultimate year (2041).

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

There are 7nos. Of Existing ELSR's having capacity of 4.98ML .Two numbers of ELSR's are proposed such as Sudikona (1.0 ML) and Kasibugga zone near existing area.

- **Distribution System:**

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

2. Issues raised by the community and responses provided

S. No.	Key Issues Identified	Response by the Urban Local Body
1	<p>Technical issues:</p> <p>i) The geometric progression method shall be suggested to use for water demand estimation.</p> <p>ii) The present per capita is 40 lpcd, it is not sufficient and needs to be increased to 135 lpcd as per CPHEEO Manual.</p> <p>iii) There is every need to explore the source other than Regulapadu reservoir.</p> <p>iv) Present population is about 83000 and the considered population in the design is around 54000 and requested us to review the same.</p>	<p>Responses:</p> <p>i) After careful assessment & verification and approval from ENC, Public Health incremental increase method is adopted to design the project.</p> <p>ii) After careful examination and approval from ENC and Project Director, the project is designed for 70 lpcd.</p> <p>iii) Regulapadu reservoir is the only alternate feasible source identified in the project.</p> <p>iv) The present population is considered based on Census 2011 and no authenticity is</p>

	v) Low residual pressures are observed in majority of slums especially in Rajamma colony and HUDCO Colony.	there for other information. v) The low residual pressures are observed by the consultants at various slums during the study and the same will be considered for the improvement in the new scheme.
2	<p>Social Issues:</p> <p>i) Non-existence of distribution network for the people residing in Sudikonda area.</p> <p>ii) Willingness to pay the water charges for Rs. 200/- if the Municipality supplies good quality of water with adequate pressures.</p> <p>iii) Expedite the issue of new connections in the Municipality.</p>	<p>Responses:</p> <p>i) The same will be covered in the proposed water supply improvement project.</p> <p>ii) The proposed scheme is designed to meet the Palasa Kasibugga Municipality requirements comprehensively with quality and quantity.</p> <p>iii) The Commissioner replied that the same will be done in due course of time.</p>
3	<p>Environmental Issues:</p> <p>i) Low pressure causing water stagnation and contamination in Rajamma colony and HUDCO Colony.</p> <p>ii) Quality and quantity of the water supplied to the end user shall be improved.</p> <p>iii) Bores at Shanthi nagar and Chinnabadam areas are yielding saline water. Sudikonda, Kosangipuram and surrounding areas have lot of water problems and water has a foul smell.</p>	<p>Responses:</p> <p>i) Commissioner directed the engineers to sort out the issue immediately.</p> <p>ii) The proposed water supply improvement project may solve the problem.</p> <p>iii) Surface water source has been considered for water supply instead of sub surface water.</p>

3. Follow up Action Required

Key Issue 1	Explore the possibility of adopting Geometric progression method for population projections.
Key Issue 2	In proposed project consideration of 135 lpcd rather than the 70 lpcd shall be examined.
Key Issue 3	Explore the other raw water sources rather than Regulapadu reservoir.
Key Issue 4	Low-pressures in Rajamma colony and HUDCO Colony shall be rectified

Key Issue 5	Explore the possibility of supply of water to the Sudikonda area.
Key Issue 6	Assessment of willingness to pay charges capacity of the Residents of municipality
Key Issue 7	Issue of new water supply connections in the Municipality.
Key Issue 8	Low pressure causing stagnation and contamination.

4. Follow up Action Taken

Key Issue 1	Population projection has been made using all the methods available including geometric progression. However, the incremental increase method is found to be more appropriate to this project.
Key Issue 2	The percapita of 70 lpcd is finalised after careful examination and approval from the ENC and Project Director.
Key Issue 3	Regulapadu reservoir found to be most economical and viable source in Palasa Kasibugga municipality.
Key Issue 4	The problem of low pressures in the Municipal area may be solved once the proposed project is commenced.
Key Issue 5	As of now, the Sudikonda area is served by way of local tankers and the same will be solved proposed scheme by providing complete distribution network.
Key Issue 6	During the study period, the assessment of the water supply charges confirmed from the local public.
Key Issue 7	Issue of additional new connections in the Municipality.
Key Issue 8	The Commissioner directed the engineers to sort out the issues 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.