Resettlement Planning Document

Project Number: 38254-043
March 2016

IND: MFF - North Karnataka Urban Sector Investment Program - Tranche 2
Subproject: Package No. - 02GKK01

Submitted by
Karnataka Urban Infrastructure Development & Finance Corporation, Bangalore

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KUIDFC/NKUSIP/ADB/2008-09/

Dated : 12th February 2016

To,
The Country Director,
No 4, San Martin Marg,
Chanakyapuri,
Near Jesus & Mary College,
New Delhi, Delhi 110021

Dear Madam,

Sub : North Karnataka Urban Sector Investment Programme - Submission of Reports.

With reference to the above, please find enclosed herewith the following Due Diligence Reports:

- Improvements to Water Supply system in Gokak (02GKK01)
- Construction of Sewerage network & F.A.I. type STP of 8.70 M.I.D capacity in Gokak CMC. (02GKK02).

Yours faithfully,

[Signature]

Task Manager (NKUSIP)

Encl: as above
Document Stage: Due Diligence report for Government land
ADB Loan No 2638-IND, ADB Assisted KUIDFC-NKUSIP
Package No- 02GKK01

GOKAK – TOWN

Subproject – Construction of GLSR, DG set room, Rehabilitation of GLSR 1 & 2 and Jack well

February - 2016

IND: North Karnataka Urban Sector Investment Program Package II, Tranche-II

Prepared by

M/s. SNC-Lavalin Infrastructure Pvt. Ltd.
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Belagavi – 590011

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Due Diligence Report for Government Land

February - 2016

M/s. SNC-Lavalin Infrastructure Pvt. Ltd.
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Belagavi – 590011
## ABBREVIATIONS

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<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
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<tr>
<td>ADB</td>
<td>Asian Development Bank</td>
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<tr>
<td>APs</td>
<td>Affected Persons</td>
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<td>BPL</td>
<td>Below Poverty Line</td>
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<tr>
<td>CBO</td>
<td>Community Based Organization</td>
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<td>CDP</td>
<td>Community Development Plan</td>
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<tr>
<td>CMC</td>
<td>City Municipal Corporation</td>
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<td>DC</td>
<td>Deputy Commissioner</td>
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<td>GRC</td>
<td>Grievance Redress Committee</td>
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<td>House Holds</td>
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<td>IA</td>
<td>Implementing Agency</td>
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<td>KUIDFC</td>
<td>Karnataka Urban Infrastructure Development and Finance Corporation</td>
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<tr>
<td>KUWSDB</td>
<td>Karnataka Urban Water Supply and Drainage Board</td>
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<tr>
<td>LA</td>
<td>Land Acquisition</td>
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<tr>
<td>M&amp;E</td>
<td>Monitoring and Evaluation</td>
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<td>NGO</td>
<td>Non-Government Organization</td>
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<td>NOC</td>
<td>No Objection Certificate</td>
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<td>NKUSIP</td>
<td>North Karnataka Urban Sector Investment Program</td>
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<tr>
<td>RF</td>
<td>Resettlement Framework</td>
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<td>RP</td>
<td>Resettlement Plan</td>
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<tr>
<td>WTP</td>
<td>Water Treatment Plant</td>
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<td>TMC</td>
<td>Town Municipal Council</td>
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<td>ULB</td>
<td>Urban Local Body</td>
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<tr>
<td>OHT</td>
<td>Over Head tank</td>
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Introduction

Project Background:
ADB Assisted North Karnataka Urban Sector Investment Program (NKUSIP) is envisaged to facilitate economic growth in 25 selected towns of North Karnataka and bring about urban development by means of equitable distribution of urban services in an environmentally sound and operationally sustainable manner. Tranche II improvements focus on rehabilitation and construction of water supply, sewerage, and urban drainage infrastructure as well as slum improvements and procurement of firefighting and emergency services equipment. Gokak sub projects include improvements to Bulk water supply and 24X7 WSS. The Investment Program is designed to minimize land acquisition and resettlement impacts.

Need of the Subproject:
Water supply system; infrastructure for the collection, transmission, treatment, storage, and distribution of water for homes, commercial establishments, industry, irrigation, as well as for such public needs as firefighting and street flushing. Of all municipal services, provision of potable water is perhaps the most vital. People depend on water for drinking, cooking, washing and other domestic needs. Water supply systems must also meet requirements for public, commercial, and industrial activities. In all cases, the water must fulfill both quality and quantity requirements.

Water treatment is the alteration of a water source in order to achieve a quality that meets specified goals. At the end of the 19th century and the beginning of the 20th, the main goal was elimination of deadly waterborne diseases. The treatment of public drinking water to remove pathogenic, or disease-causing, microorganisms began about that time. Treatment methods included sand filtration as well as the use of chlorine for disinfection. The virtual elimination of diseases such as cholera and typhoid in developed countries proved the success of this water-treatment technology. In developing countries, waterborne disease is still the principal water quality concern. The sub project proposed in Gokak for supplying pure drinking water.

ADB Assisted KUIDFC-NKUSIP has selected Gokak ULB for providing pure drinking water to citizens. The investment program is designed for the construction of GLSR, Rehabilitation of GLSR 1 & 2, Construction of DG set room, Rehabilitation of Jack well and net work with O&M for 5 yrs.
Location of the project site:

1) Construction of 5LL GLSR in 15X15 measurement, site is situated near existing MBR in Survey No. 15/18/A in Gokak town, Belagavi Dist. This is Govt land in the name of CMC. The site is easily accessible and is around 0.5 KM from the Gokak town. Figure -1 shows the proposed sites at Gokak.

2) Construction of DG set room in existing WTP, Gokak town, Belagavi Dist. This is Govt land in the name of CMC. The site is easily accessible from the Gokak town. Figure – 2 shows the proposed sites at Gokak

3) Rehabilitation of existing GLSRs 1 & 2, Rehabilitation of Jack well and DG set room sites is situated near Gokak town in Gokak town, Belagavi Dist. This is Govt land in the name of CMC. These sites are easily accessible from the Gokak CMC. Figure - 2 shows the proposed sites at Gokak.

Objectives of the Project

The main objectives of the project are as follows:

- Supplying pure drinking water.
- Promote sustainable measures to increase potable water supply to the population.
- Water supply through future sustainable source developments
- Water supply through improvements of safe yield of existing water sources
- Water supply through improvements to water treatment works
- Drinking water supply contribute towards a sustainable regional development
- To improve the current state of the water cycle of Ballari through improvements in the separate components of the water supply system in investment program.
- To ensure continuity of the water supply for customers (by reducing the technical water losses and maintenance work resulting from breakdowns in the water network)
- To reduce the costs of operation and maintenance of the water supply system.

Scope of the Sub-project

The salient features of the subproject are as below: Improvements of Bulk water supply to Gokak city corporation & 24/7 WSS which entail the following:
NRUSIP, Package -II

Due Diligence Report for Government Land

- Construction of DG set room at existing WTP
- Rehabilitation of existing GLSR -1
- Rehabilitation of existing GLSR -2
- Construction of size stone masonry near MBR
- State highway crossing / nala crossing
- Shifting of existing utility
- Rehabilitation work for the DG set room

**Requirement of Due-Diligence Report**

Government land has been procured for the Sub-project for the construction of GLSR, Rehabilitation of GLSR 1 & 2, Construction of DG set room, Rehabilitation of Jack well and network. In this project there is no involuntary resettlement involved and hence the preparation of RP for this project is not required. The objective of this Due diligence report (DDR) is to review the Sub project Land acquisition and resettlement (LAR) impacts if any, based on the detailed design and propose mitigation measures if, necessary in accordance with ADB’s Involuntary Resettlement Policy, (IR)1995.

Prior to detailed design, the cadastral maps were examined to understand the ownership of land. Verification of the cadastral maps was done in the field based on the survey and measurement.

For the Construction of 5LL GLSR land measuring 15X15 is identified and the site is situated near existing MBR in Survey No. 15/18/A, Construction of DG set room at existing WTP, Rehabilitation of existing GLSRs 1 & 2, Rehabilitation of Jack well and DG set room. Existing vacant government land was earmarked for the sub-project.

The subproject will not entail any permanent land acquisition and resettlement. Site assessment of the entire proposed areas, where works will be undertaken was taken up. Based on it: there will be no expected impacts on private/public land, private properties like housing, shops, commercial buildings, religious and community infrastructure. No negative impacts on livelihood are envisaged. The proposed area is completely vacant and in possession of CMC. There are no Non-Titled Holders in the earmarked land.
Scope of Land Acquisition and Resettlement
As mentioned earlier, vacant government land was utilized.

Project Impact and Outcome:
The expected outcomes of the project are:

- Promote sustainable measures to increase potable water supply to the population
- Increase water supply through future sustainable source developments
- Increase water supply through improvements of safe yield of existing water sources
- Increase water supply through improvements to the transmission/reticulation systems
- Increase water supply through improvements to water treatment works
- Development of an appropriate system of indicators for the evaluation of the performance of water supply systems, also enhancing monitoring of water losses.
- Development of a Decision Support System tool for the selection of appropriate measures for tackling the problem of water losses, with particular emphasis on regional characteristics and conditions prevailing in certain areas.
- Drinking water supply is contribute towards a sustainable regional development
- To improve the current state of the water cycle of Ballari through improvements in the separate components of the water supply system in investment program.
- To ensure continuity of the water supply for customers (by reducing the technical water losses and maintenance work resulting from breakdowns in the water network)
- To reduce the costs of operation and maintenance of the water supply system.

Extent of Impact
Since the construction of 5LL GLSR in 15X15 measurement sites is situated near existing MBR in Survey No. 15/18/A, Construction of DG set room at existing WTP, Rehabilitation of existing GLSRs 1 & 2, Rehabilitation of Jack well and DG set room sites are being undertaken in Govt land, there is no negative impact on the community.
**Findings**

The Subproject will not cause any permanent and/or temporary impacts as government land is proposed to be used for the sub-projects. The land earmarked is vacant, no common property resources are affected.
WS, JACK WELL & DG SITE PHOTOS-GOKAK TOWN