

Due Diligence Report

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IND: Karnataka Integrated Urban Water Management Investment Program – Davanagere Town Tranche 1 Water Supply Distribution Network Subproject (Package No. 01WS05)

Prepared by Karnataka Urban Infrastructure Development and Finance Corporation,
Government of Karnataka for the Asian Development Bank.

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CURRENCY EQUIVALENTS

(As of 15 Jan 2017)

Currency Unit	=	Rupee (INR)
INR1.00	=	USD 0.015
\$1.00	=	Rs 67.96

ABBREVIATIONS

ADB	—	Asian Development Bank
BPL	—	below poverty line
CBO	—	community-based organization
CC	—	city corporation
CDP	—	comprehensive development plan
CLIP	—	city level investment plan
CMC	—	city municipal council
CPMU	—	central project management unit
DC	—	deputy commissioner
DLRC	—	district level resettlement committee
DPR	—	detailed project report
DP	—	displaced person
EA	—	executing agency
ELSR	—	elevated level storage reservoir
GLSR	—	ground level storage reservoir
GoI	—	Government of India
GoK	—	Government of Karnataka
GRC	—	grievance redressal committee
IWRM	—	integrated water resource management
KMRP	—	Karnataka Municipal Reforms Project
KUIDFC	—	Karnataka Urban Infrastructure Development and Finance Corporation
KUWSDB	—	Karnataka Urban Water Supply and Drainage Board
LA	—	land acquisition
LAA	—	Land Acquisition Act
LA and R&R	—	land acquisition and resettlement and rehabilitation
MFF	—	multitranchise financing facility
MLA	—	member of Legislative Assembly
NGO	—	nongovernment organization
NKUSIP	—	North Karnataka Urban Sector Investment Program
O&M	—	operations and maintenance
PIU	—	project implementation unit
PMDSC	—	project management and design supervision consultant
PMU	—	project management unit
PWD	—	Public Works Department
RPMU	—	regional project management unit
RoW	—	right of way

SES	—	Socioeconomic Survey
SPS	—	Safeguard Policy Statement
SR	—	storage reservoir
STP	—	sewage treatment plant
CMC	—	town municipal council
TOR	—	terms of reference
ULB	—	urban local body
WSS	—	water supply and sanitation
WTP	—	water treatment plant
WWTP	—	wastewater treatment plant

WEIGHTS AND MEASURES

ha	—	hectare
kL	—	Kilo litre
km	—	kilometer
lpcd	—	liters per capita per day
Mld	—	million liters per day
m	—	Meter
m ²	—	square meter

I. EXECUTIVE SUMMARY

1. **Introduction:** The \$0.75 million Karnataka Integrated Urban Water Management Investment Program (KIUWMIP, the Program) was initiated by the Asian Development Bank (ADB) with the Government of India (GoI) on Dec 30th 2014 with aims to improve water resource management in urban areas in a holistic and sustainable manner consistent with the principles of Integrated Water Resources Management (IWRM). Investment support is being provided to modernize and expand urban water supply and sanitation (UWSS), and strengthen institutions to improve water use efficiency, productivity, and sustainability. Assistance under the first phase will be used to expand and upgrade water supply and sanitation infrastructure in three towns - Byadagi, Davanagere, and Harihara. The project will also improve water resource planning, monitoring, and service delivery. Projects 2 and 3 activities are being selected based on (i) IWRM improvements impact on the State's water resources, (ii) ULBs reform willingness, and on (iii) infrastructure gaps

1. **Sub Project Description:** The entire scheme for implementing 24 x 7 water supply of Davanagere City has been divided under two Sub projects i.e. 1) Improvement of Bulk Water Supply System up to WTP and 2) Improvement of Clear Water Transmission Main and 24X7 Distribution System. The Present DDR is for the Improvement of water supply distribution network which includes laying of clear water transmission main from WTPs (Bathi and Kundwada) to OHTs of Davanagere city, construction of 19 OHTs, laying of 1163 KMs of water supply distribution network. Rehabilitation of Civil, Mechanical and Electrical works of three existing WTPs and 30 reservoirs. It also includes providing of 97587 House Service Connections.
- 2.

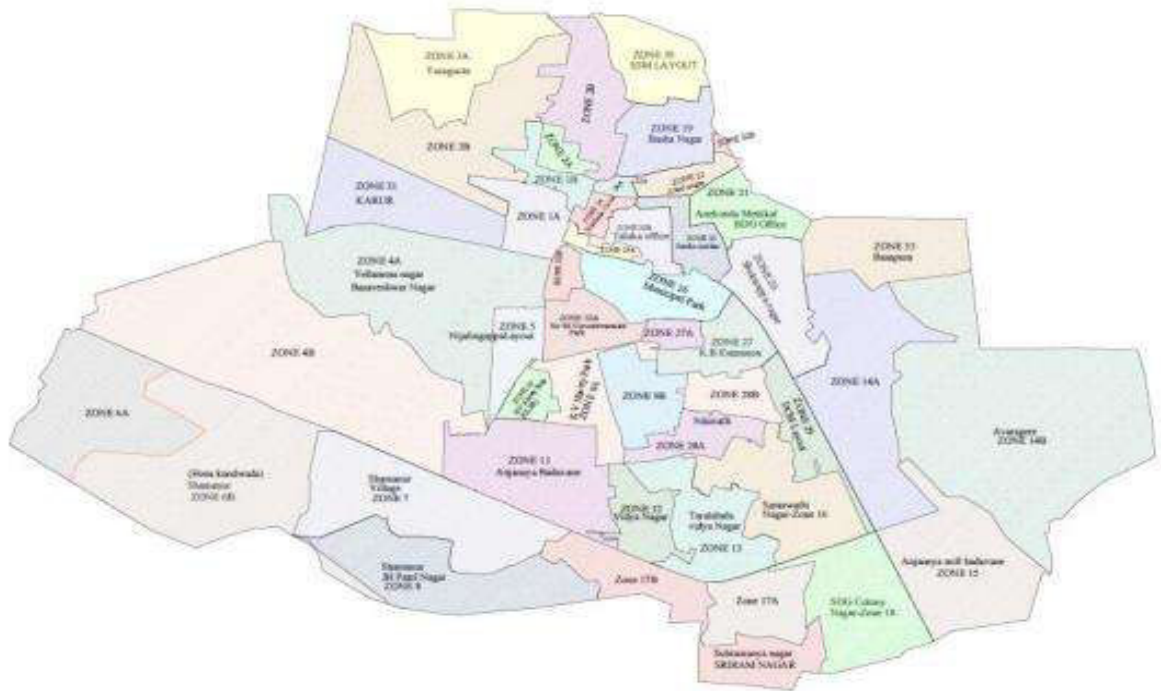
Table 1: Proposed Components under Water Supply Distribution subproject in Davanagere

Infrastructure	Function	Description	Location
Clear water transmission main	To cater to the water supply demand of Davanagere City Corporation	Providing and laying of 59.7 KM of pipeline	From WTPs (Bathi and Kundwada) to OHTs of Davanagere city
OHTs	To cater to the water supply demand of Davanagere City Corporation	19 Nos	Devarajurs Layout S.M Krishna nagar Yaragunta Basaveshwarnagar Hosakundawad K V Shetty Park (ELSR) Avaragere Anjaneya Layout(Anjaneya mill) Subramanyanagar Bashanagar Shekarappa Nagar Azad Nagar Taluka Office K B Extension Nittavalli SSM Layout

Infrastructure	Function	Description	Location
			Karur Sir.M.Vishweswariah park
Distribution network	To cater to the water supply demand of Davanagere City Corporation	1163 KMs	Davanagere city
House service connections	To cater water supply to individual households	97589	Davanagere city
Rehabilitation works	Rehabilitation to existing retained assets/ structures	Civil, Mechanical and Electrical rehabilitation works	Three Nos of existing WTPs and 30 No of réservoirs

3. **Land Acquisition and Resettlement in project:** The site verification reveals that all the components of the water supply distribution network sub projects are located on vacant government land and ROW. There is no land acquisition under the proposed subproject. The engineering designs adopted ensure that routing of pipelines and mains within the public ROW's are through stretches where the roads are wide and will allow for construction with little or no impact on structures alongside
4. **Temporary Resettlement Impact:** Public consultation and discussions with the consultant reveal that full closure of roads is not envisaged and it will be possible to maintain access to shops and businesses at all times. The site verification reveals that all the components of the water supply and distribution sub projects are either located on vacant government land or along the existing right-of-way (RoW) outside and within the city.
5. **Consultation and Disclosure:** Goals and objectives of the project have been disclosed to stakeholders (beneficiaries, affected persons, elected representatives and institutional stakeholders) through consultation meetings and focus group discussions. A program of continuous consultation and disclosure is proposed.
6. **Conclusion:** ADB's criteria (ADB's Safeguard Policy Statement, 2009) for screening and categorization of projects for involuntary resettlement will be adopted for the projects. Based on the assessment, the subproject has been categorized as "C" for Involuntary Resettlement (IR) impact. Efforts have been made during the preparation of the engineering design to avoid acquisition of land and other assets and to reduce negative socioeconomic impact. Economic displacement resulting from partial closure of roads during construction is avoidable and manageable through good implementation of the EMP. It is anticipated that there will be no permanent or temporary impact either through acquisition (no acquisition) or construction. Based on the above assessments the subproject has been categorized as "C" for Involuntary Resettlement (IR) impact as per the ADB's Safeguard Policy Statement, 2009 Hence no Resettlement Plan needs to be prepared for this sub project.

Water supply Distribution net work Davanagere



I. PROJECT DESCRIPTION

A. Introduction

2. ADB is helping the Indian state of Karnataka improve water resources management in selected urban areas of the Upper Tunga Bhadra sub-basin. Water supply and waste water systems suffer from under-investment throughout the state of Karnataka. Current water supply is intermittent. The absence of scientific wastewater treatment and sewerage systems contaminates ground water posing a health risk to the public. If the issues associated with the poor water management in the state are not resolved, the state's economic growth will be stunted; public health will be deteriorated; and water resource disputes will be escalated.
3. The \$0.75 million Karnataka Integrated Urban Water Management Investment Program (KIUWMIP, the Program) was initiated by the Asian Development Bank (ADB) with the Government of India (GoI) on Dec 30th 2014 with aims to improve water resource management in urban areas in a holistic and sustainable manner consistent with the principles of Integrated Water Resources Management (IWRM). Investment support is being provided to modernize and expand urban water supply and sanitation (UWSS), and strengthen institutions to improve water use efficiency, productivity, and sustainability. Assistance under the first phase will be used to expand and upgrade water supply and



Map 1: Location of Davanagere in Karnataka, India

sanitation infrastructure in three towns - Byadagi, Davanagere, and Harihara. The project will also improve water resource planning, monitoring, and service delivery. Projects 2 and 3 activities are being selected based on (i) IWRM improvements impact on the State's water resources, (ii) ULBs reform willingness, and on (iii) infrastructure gaps.

4. Davanagere is a city in the Indian state of Karnataka. Positioned at the geographical centre of the state, it is the administrative headquarters of the Davanagere District. As of the 2011 census, Davanagere city had a population of 4, 35,125. Males constitute 52% of the population, and females 48%. Projected population for the year 2031 is 6, 94,302 and 9,21,715 by 20146. Davanagere is situated in the Tungabhadra Basin. The northeastern and southeastern part of the city drains towards north, through Bettur Nalla, whereas the western and southwestern part drains towards west, through Bathi Tank. The ground levels vary from maximum of 622.72 m at the TV station, to a low level of 561.40 m near the existing STP. River Tungabhadra is the only source of water for the town.
5. Davanagere city has four water supply schemes namely (i) Old Tungabhadra River Water Supply System, (ii) New Tungabhadra River Water Supply System, (iii) Bhadra Harihar Branch Canal Water Supply System and (iv) Kundawada Water Supply System. Presently only 80 MLD water is available to the Davanagere city from River Tungabhadra. It is assessed that there is a deficit of 9 MLD of water currently which will rise to 40 and 77 MLD in the years 2031 and 2046 respectively. Hence it can be concluded that the city requires a comprehensive water supply system to cater to this demand.

B. General Information about the existing water supply scheme in Davanagere:

Present Water Supply in MLD	79 MLD
Intake Well & Jack well	Intake Well RCC Diameter 4 m, Jack Well RCC Diameter 10 m
Connecting pipe line	2 Rows of 1200 RCC pipe
Existing Raw Water Pumping Main	<ul style="list-style-type: none"> Tungabhadra Stage II (Scheme-1)- 900 mm diameter MS & PSC pipe of length 13.3 Km. Tungabhadra Stage II (Scheme-2)- 700 mm diameter DI(K9) pipe of length 13.0 Km.
Raw Water Pumping Machineries	<ul style="list-style-type: none"> Tungabhadra Stage II (Scheme-1) - 2W +1S 500 HP Vertical Turbine Pump. Tungabhadra Stage II (Scheme-2) - 1W +1S 1000 HP Vertical Turbine Pump.
Present Treatment Plant Capacity	<ul style="list-style-type: none"> WTP at Bathi- 60 MLD. WTP at Kundwada- 20 LD WTP at TV station- 19 MLD
Clear Water Pumping main	<ul style="list-style-type: none"> 900mm dia MS pipe for a length of about 600mt
Break Pressure Tank	<ul style="list-style-type: none"> 15LL capacity at Bathi Hill top
Clear water gravity main	<ul style="list-style-type: none"> Around 20.5km length with diameter varying from 1016 to 200mm
Storage Reservoirs	<ul style="list-style-type: none"> 33 nos OHTs and 1 no of GLSR
Distribution Network	<ul style="list-style-type: none"> Around 550km length with diameter varying from 90mm to 300mm

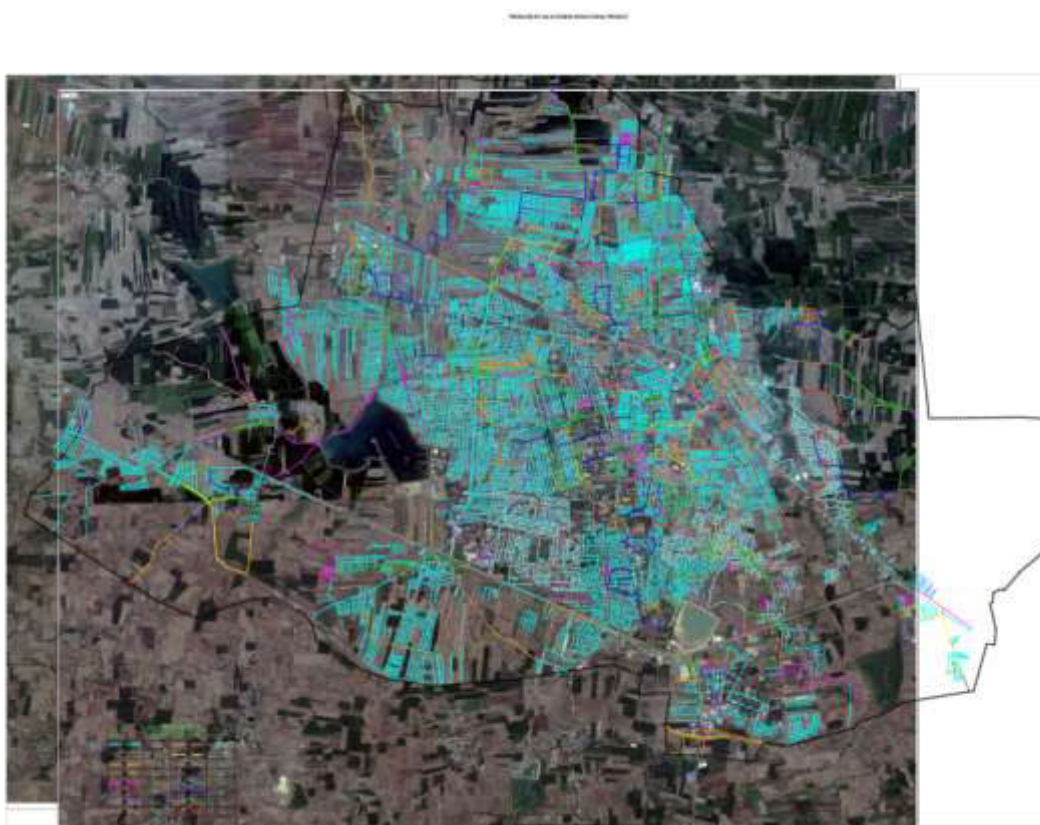
C. Proposed Sub Project Components

6. To optimally utilize the assets created under Tungabhadra Stage II scheme, the Asian Development Bank (ADB) assisted Karnataka Integrated Urban Water Management Investment Program (KIUWMIP) seeks to improve the urban water supply and sanitation in

Davanagere. The entire scheme for implementing a 24 x 7 water supply of Davanagere City has been divided into sub projects i.e. 1) Improvement of Bulk Water Supply System up to WTP and 2) Water Distribution.

7. This Due Diligence report (DDR) is prepared for the subproject of the Water Supply network in the town of Davanagere. It is based on detailed designs developed and ADB's Safeguard Policy Statement 2009, and the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Act 30 of 2013).
8. Under the present scheme, laying of clear water transmission main from WTPs (Bathi and Kundwada) to OHTs of Davanagere city, construction of 19 OHTs, laying of 1163 KMs of water supply distribution network. Rehabilitation of Civil, Mechanical and Electrical works of three existing WTPs and 30 reservoirs. It also includes providing of 97587 water supply House Service Connections.

Map 2: Davanagere water supply Distribution Network alignment



9. The Urban Local Body (ULB) of Davanagere is the statutory entity responsible for providing water and managing water supply services to the people. At present Laying of Raw Water Pumping Main to WTP at Bathi & to Kundawada Lake from "Y" Junction, Installation of New Vertical Turbine, Centrifugal Pump sets, Construction of 15 LL CWSR and Filter House (20 MLD) in Davanagere City Corporation are in progress under NKUSIP

(a project that has been integrated into KIUWMIP). Table 1 describes proposed sub project component as per design.

Table 1: Proposed Components under Water Supply subproject in Davanagere

Infrastructure	Function	Description	Location
Clear water transmission main	To cater to the water supply demand of Davanagere City Corporation	Providing and laying of 59.7 KM of pipeline	From WTPs (Bathi and Kundwada) to OHTs of Davanagere city
OHTs	To cater to the water supply demand of Davanagere City Corporation	19 Nos	Devarajurs Layout S.M Krishna nagar Yaragunta Basaveshwarnagar Hosakundawad K V Shetty Park (ELSR) Avaragere Anjaneya Layout(Anjaneya mill) Subramanyanagar Bashanagar Shekarappa Nagar Azad Nagar Taluka Office K B Extension Nittavalli SSM Layout Karur Sir.M.Vishweswariah park
Distribution network	To cater to the water supply demand of Davanagere City Corporation	1163 KMs	Davanagere city
House service connections	To cater water supply to individual households	97589	Davanagere city
Rehabilitation works	Rehabilitation to existing retained assets/ structures	Civil, Mechanical and electrical rehabilitation works	Three No of WTPs and 30 No of réservoirs

Table 2: Pictures of Sites

 <p>Proposed site for construction of OHT at Yeragunta in the existing OHT site</p>	 <p>Proposed OHT site Old Kundawada</p>
 <p>Proposed site for construction of OHT at Hosakundawada in the existing OHT site</p>	 <p>Proposed site for construction of OHT at Anjaneya Cotton Mill</p>
 <p>Proposed site for construction of OHT at Subrahmanya Nagar</p>	 <p>Proposed site for construction of OHT at Nittavalli in the existing OHT site</p>



Proposed site for construction of OHT in Old Taluk Office in the existing OHT site.



Proposed site for construction of OHT in SSM Layout



Proposed site for construction of OHT in Shekarappa Nagar in the existing OHT site



Proposed site for construction of OHT in Avaragere in the existing OHT site



Proposed site for construction of OHT in Karur



Proposed site for construction of OHT in Devaraj Uras Layout



Proposed site for construction of OHT in S M Krishna Nagar



Proposed site for construction of OHT in Basha Nagar



Proposed site for construction of OHT in Azad Nagar



Proposed site for construction of OHT in K B Extension



Proposed site for construction of OHT in Sri. M. Vishwesharaiah Park



Proposed site for construction of OHT in K. V Shetty Park

Table 3: Proposed Water Supply Distribution Network Components: Davanagere

SL.No.	Infrastructure	Function	Description	Location	Resettlement Impact
1	Clear water transmission main	To cater to the water supply demand of Davanagere City Corporation	Providing and laying of 59.7 KM of pipeline	From WTPs (Bathi and Kundwada) to OHTs of Davanagere city	No IR impact – Laying of clear water main in the ROW.
2	OHTs	To cater to the water supply demand of Davanagere City Corporation	19 Nos	Devarajurs Layout S.M Krishna nagar Yaragunta Basaveshwarnagar Hosakundawad K V Shetty Park (ELSR) Avaragere Anjaneya Layout(Anjaneya mill) Subramanyanagar Bashanagar Shekarappa Nagar Azad Nagar Taluka Office K B Extension Nittavalli SSM Layout Karur Sir.M.Vishweswariah park	All 19 proposed OHTs will be constructed in ULB land or Government land. No temporary displacement during construction of 19 OHTs and no IR impact envisaged.
3	Distribution network	To cater to the water supply demand of Davanagere City Corporation	1163 KMs	Davanagere city	No IR impact – Laying of distribution network pipelines in the ROW.

SL.No.	Infrastructure	Function	Description	Location	Resettlement Impact
4	House service connections	To cater water supply to individual households	97589	Davanagere city	No IR impact
5	Rehabilitation works	Rehabilitation to existing retained assets/ structures	Civil, Mechanical and electrical rehabilitation works	Three No of WTPs and 30 No of réservoirs	No IR impact- Rehabilitation work within the existing structures

II. SCOPE OF LAND ACQUISITION AND RESETTLEMENT IMPACT

10. The Government of Karnataka understands that construction based improvements are always associated with some resettlement impacts which may be temporary or permanent in nature. Therefore, required assessments have been undertaken for early identification of these impacts to help identify solutions for mitigating these impacts to a maximum extent. Redesigning, change in site locations/alignments and adopting technology which helps minimize impact levels are some of the ways adapted to ensure minimal resettlement impacts. Efforts have been made especially to ensure that there is i) no land acquisition; ii) no demolition of structures; and iii) no displacement of people due to this project. However the following potential short-term temporary impacts may be anticipated during construction:
 - i. Livelihood: loss of customers visiting shops due to reduced access, difficulty in bringing in supplies to shops, shifting and/or reduced access for street vendors and hawkers, reduced space for daily markets that are set up along the road sides, reduced opportunity for local employment (tyre puncture repairs, etc)
 - ii. Accessibility: Pedestrians and vehicular traffic will face difficulty, decrease in access to shops and markets for local population, increase in travel time.
 - iii. Others: degradation of road, damage of other utilities during construction that may impact service levels temporarily
11. In order to identify the adverse social impact of the project a joint site visit was carried out by ULB engineers, resettlement specialist and design engineer of the consultant team between the 1st and 30th September 2016 along the alignment of the sub project.
12. The site verification reveals that all the components of the water supply distribution network sub projects are located on vacant government land and the raw water mains are along public roads on the outskirts of the town with little/ no development/ structures along them.
13. There is no land acquisition under the proposed subproject. The subproject components will be located in properties held by the ULB and in public ROWs of existing roads. The engineering designs adopted ensure that routing of pipelines and mains within the public ROW's are through stretches where the roads are wide and will allow for construction with little or no impact on structures alongside
14. The impacts envisaged for construction works within the ROW are limited to the following:
 - (i) limited mobility and access to business activities during construction. These impacts will be further avoided and managed through good implementation of Environmental Management Plan (EMP)
15. The location of the OHTs proposed under this subproject and status of land ownership and involuntary resettlement impact are presented in the table below.

Table 5: Location of OHTs, land ownership and IR impact

Sl No	Zone No	Zone Name	Location	Purpose for land required	ownership	IR impact
1	1 B	Devarajurs Layout	Municipal Park adjacent to existing OHT	Construction of OHT	Govt. land	Nil
2	2 B	S.M Krishna nagar	Municipal Park adjacent to existing OHT	Construction of OHT	Govt. land	Nil
3	3 B	yaragunta	Open space adjacent to existing OHT	Construction of OHT	Govt. land	Nil
4	4 B	Basaveshwarnagar	Halle Kundwad open space adjacent to govt school	Construction of OHT	Govt. land	Nil
5	6 B	Hosakundawad	Open space adjacent to existing OHT	Construction of OHT	Govt. land	Nil
6	9 B	K V Shetty Park (ELSR)	Municipal Park adjacent to existing OHT	Construction of OHT	Govt. land	Nil
7	14 B	Avaragere	Municipal Park adjacent to existing OHT	Construction of OHT	Govt. land	Nil
8	15	Anjaneya Layout(Anjaneya mill)	Within Govt School premise	Construction of OHT	Govt. land (Education department)	Nil
9	17 B	Subramanyanagar	Municipal Park adjacent to existing OHT	Construction of OHT	Govt. land	Nil
10	19 B	Bashanagar	Municipal Park adjacent to existing OHT	Construction of OHT	Govt. land	Nil
11	20 B	Shekarappa Nagar	Municipal Park adjacent to existing OHT	Construction of OHT	Govt. land	Nil
12	22 B	Azad Nagar	Municipal Park adjacent to existing OHT	Construction of OHT	Govt.	Nil
13	25 B	Taluka Office	Adjacent to existing OHT in Taluk office compound	Construction of OHT	Govt. land	Nil
14	27 B	K B Extension	Municipal Park adjacent to existing OHT	Construction of OHT	Govt. land	Nil
15	28 A	Nittavalli	Municipal Park	Construction	Govt. land	Nil

SI No	Zone No	Zone Name	Location	Purpose for land required	ownership	IR impact
			adjacent to existing OHT	of OHT		
16	28 B		Municipal Park adjacent to existing OHT	Construction of OHT	Govt. land	Nil
17	30	SSM Layout	Newly formed layout beside ring road	Construction of OHT	ULB land	Nil
18	31	Karur	Within the premise of DC office	Construction of OHT	Govt. land	Nil
19	32 B	Sir.M.Vishweswariah park	Municipal Park adjacent to existing OHT	Construction of OHT	Govt. land	Nil

16. The ownership certificate issued by Davanagere CMC commissioner shows that all the lands earmarked for construction of 19 OHTs are currently in the possession of Davanagere ULB. Ownership certificate issued by CMC commissioner is attached as Appendix 2 of this report.

17. The following table explains the details of ROW where water supply distribution network pipelines will be laid.

Details of ROW:

SI. No	Name of the Road	ROW (M)	Diameter of the pipe to be laid(MM)	Required trench width	IR impact
1	P B Road near Vani Honda show room	16	1000	1.5	Nil
2	Clock tower Road	12	300	0.6	Nil
3	BIET Road	10	75	0.6	Nil
4	Court Road	11	75	0.6	Nil
5	Devaraj Uras Road	8	200	0.6	Nil
6	Anjaneya Layout	8	200	0.6	Nil
7	Anjaneya temple Road	10	200	0.6	Nil
8	Arts college Road	13.5	75	0.6	Nil
9	Doddabathi Road	9	1000	1.5	Nil
10	K R Market Road	6	160	0.6	Nil
11	K R Market	6	300 and 75	0.6	Nil
12	K R Market	14	350	0.65	Nil
13	Devaraj Uras Layout	7	75	0.6	Nil
14	Bada cross service Road	12	200	0.6	Nil
15	Mandipete Road	10	75	0.6	Nil
16	Vasanth Talkies Road	10	300	0.6	Nil
17	Shekarappa Nagar	10	75	0.6	Nil

18	S S Hospital	15	300	0.6	Nil
19	MCC block	10	75	0.6	Nil
20	Kuvempu Nagar	7	75	0.6	Nil
21	Siddaveerappa Layout	7	75	0.6	Nil
22	Banashankari Nagara	8	75	0.6	Nil
23	Shiva Parvathi Temple Road	9	75	0.6	Nil
24	Vidhya Nagar Main Road	12	140	0.6	Nil
25	Shamnur Road	12	300	0.6	Nil
26	Vidhya Nagar Service Road	10	700	1.2	Nil
27	P B Road Near GMIT College	15	1000	1.5	Nil
28	Doddabathi Road	15	1000	1.5	Nil
29	Shamnur Road	15	700 and 125	1.2 and 0.6	Nil
30	Basavanagouda Layout Road	10	700 and 300	1.2 and 0.6	Nil

D. Resettlement Framework

18. The resettlement framework (RF) prepared for KIUWMIP is based on the Land Acquisition Act (Karnataka), amended in 1988, ADB's SPS of 2009, the National Rehabilitation and Resettlement Policy (NRRP) of the Government of India, 2007 and The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Act 30 of 2013) and adopts the following resettlement principles:

- (i) resettlement impacts of each sub-project will be avoided or minimized, exploring all viable alternative sub-project designs;
- (ii) where the resettlement impacts are unavoidable, the APs should be assisted in improving or at least regaining their standard of living;
- (iii) the APs will be involved in the sub-project preparation planning and implementation and resettlement information will be disclosed to all of them;
- (iv) vulnerable groups including households headed by women, the elderly or disabled, and indigenous groups and those without legal title to land and property and those living below poverty line (BPL) will be given special assistance to facilitate them improve their socio-economic status;
- (v) The absence of formal title to land is not a bar to policy entitlements.
- (vi) compensation for all lost assets acquired or affected is based on the principle of replacement cost;
- (vii) restoration of livelihoods and residences of the APs will be assisted with adequate resources with time bound action plan in coordination with Civil works;
- (viii) APs are to be assisted to integrate economically and socially into host communities where physical displacement takes place, so that adverse impacts on the host communities are minimized and social harmony are promoted.
- (ix) Opportunities for negotiated land purchase by adopting relevant Government of Karnataka LA Act and government order/Circular will be explored. In such cases

- of negotiated settlement and land donation Government will engage an independent third party for supervising and validating these procedures as per ADB policy of Safeguard requirement 2 of SPS, para 25; and
- (x) All payments including compensation for loss of land, assets, structures, trees, income, and common properties will be made prior to physical or economic displacement and commencement of civil construction work.

E. Temporary Impact

19. Census surveys and discussions with the consultant reveal that full closure of roads is not envisaged and it will be possible to maintain access to shops and businesses. Display disruptions are not anticipated to affect livelihoods. The summary of temporary impacts is presented in the table below.

Table 6: Summary of Resettlement Impacts

S. No.	Details	No.
1	Affected structures	None
2	Parking disruption (residential and commercial areas) - no. of affected two wheelers	None
3	Parking disruption (commercial areas) - no. of three-wheelers	None
4	Parking disruption (commercial areas) - no. of hand driven cart	None
5	Parking disruption (commercial areas) - no. of matadors	None
6	Total temporarily affected hawkers and vendors	None
7	Temporarily affected mobile vendors and Hawkers.	None
8	Affected immovable businesses	None
9	Temporarily affected employees of businesses	None

Source: Public Consensus/ Public Consultation: Sept 2016 and November 2016

20. Public consensus/ Public consultations in the project area reveal that there is no need for the full closure of roads or the temporary displacement of vendors and hawkers. Opening a trench in one section at a time for pipe-laying is likely to minimize disruptions and impacts. There is scope to minimize impacts on businesses through proper planning and implementation of mitigation measures to a level that will not affect business operation. Hence no major impacts on businesses and their employees are anticipated.
21. The following mitigation measures are proposed to avoid and/or reduce the temporary impacts to businesses during linear pipe laying works.
- (i) Provision of advance notice to community to shift their merchandise, vending items, and mobile shops at least 30 days prior to construction work.
 - (ii) Conducting awareness campaigns through a media partner, and the project PIU/ULBs.
 - (iii) Maintaining access to shops by providing planks and leaving spaces to avoid disturbance to residents and businesses,

- (iv) Open pits to be guarded properly for safety reason, especially during day time working period, near road crossings, near school complex, etc.
- (v) Managing traffic flows as per the traffic management plan prepared by the contractor in coordination with local authorities and communities,
- (vi) Conducting 60% works at night and 40% during the day,
- (vii) Limiting period of time for open trenches and
- (viii) Completing works quickly where large numbers of businesses are located,
- (ix) avoiding full street closure to the extent possible,
- (x) Providing employment opportunities to the displaced persons (DPs) during construction works, especially vulnerable DPs, if necessary
- (xi) Placing telephone hotlines on signs on visible areas to notify in case of emergency
- (xii) Making the community fully aware of the grievance redress mechanism,
- (xiii) Providing contact number of responsible persons in the RPMU and ULB offices, and
- (xiv) Providing assistance to vendors and hawkers in shifting to alternative nearby locations and helping in the reinstallation of their businesses early.

Photographs of the busy roads/ market places:



PB Road near Vani honda show room. Clear water transmission pipeline to be laid. Road width- 16m, dia of pipe- 1000mm



Clock tower road, Distribution pipeline to be laid. Road width- 12m, dia of pipe- 300mm



BIET road, Distribution pipeline to be laid.
Road width- 10m, dia of pipe- 75mm



Court road, Distribution pipeline to be laid.
Road width- 11m, dia of pipe- 75mm



Devarajurs Layout, Distribution pipeline to be laid. Road width- 8m, dia of pipe- 200mm



Anjaneya Layout, Distribution pipeline to be laid. Road width- 8m, dia of pipe- 200mm



Anjaneya temple road, Distribution pipeline to be laid. Road width- 10m, dia of pipe- 200mm



Arts college road, Distribution pipeline to be laid. Road width- 13.5m, dia of pipe- 75mm



Doddabathi near PB road, Clear water transmission pipeline to be laid. Road width- 9m, dia of pipe- 1000mm



K R Market road, Distribution pipeline to be laid. Road width- 6m, dia of pipe- 160mm



K R road, Distribution pipeline to be laid. Road width- 6m, dia of pipe- 300mm and 75mm dia



K R road, Distribution pipeline to be laid. Road width- 14m, dia of pipe- 350mm.



Devarajurs Layout, Distribution pipeline to be laid. Road width- 7m, dia of pipe- 75mm







Bada cross service road, Clear water transmission pipeline to be laid. Road width- 12m, dia of pipe- 200mm



Mandipete Road, Distribution pipeline to be laid. Road width- 10m, dia of pipe- 75mm



Vasantha Talkies Road, Distribution pipeline to be laid. Road width- 10m, dia of pipe- 300mm.

 <p>ShekarappaNagara, Distribution pipeline to be laid. Road width- 10m, dia of pipe- 75mm.</p>	 <p>S S Hospital Road, Distribution pipeline to be laid. Road width- 15m, dia of pipe- 300mm.</p>
<p>MCC B block,</p>  <p>Distribution pipeline to be laid. Road width- 10m, dia of pipe- 75mm.</p>	 <p>KuvempuNagara, Distribution pipeline to be laid. Road width- 7m, dia of pipe- 75mm.</p>



Siddaveerappa layout, Distribution pipeline to be laid. Road width- 7m, dia of pipe- 75mm.



Banashankarinagara, Distribution pipeline to be laid. Road width- 8m, dia of pipe- 75mm.



Besides Shiva parvathi temple, Distribution pipeline to be laid. Road width- 9m, dia of pipe- 75mm.



Vidyanagara Main road, Distribution pipeline to be laid. Road width- 12m, dia of pipe- 140mm.



Shamanur, Distribution pipeline to be laid.
Road width- 12m, dia of pipe- 300mm.





Vidyanagara Service road, Clear water transmission pipeline to be laid. Road width- 10m, dia of pipe- 700mm



PB Road road near GMIT college, Clear water



Doddabathi arch, Clear water transmission pipeline to be laid. Road width- 15m, dia of pipe-

transmission pipeline to be laid. Road width- 15m, dia of pipe- 1000mm	1000mm
 <p>Shamanur road, Clear water transmission pipeline to be laid of dia 700mm distribution pipeline of dia 125mm. Road width- 15m</p>	 <p>Basavanagoudabadavane, Clear water transmission pipeline to be laid of dia 700mm distribution pipeline of dia 300mm. Road width- 10m.</p>

III. GENDER IMPACT AND IMPACT ON INDIGENOUS PEOPLE

22. The initial assessment indicates that the project will not significantly affect the women. As far as impact on indigenous people is concerned, no such persons are found to be affected either permanently or temporarily. However, detailed survey will be undertaken during the project implementation by RP implementation NGO to assess gender impact and impact on indigenous people. If such IP families are found to be affected due to involuntary resettlement impact appropriate mitigation measures shall be taken as per the Resettlement Framework.

IV. CONSULTATION, PARTICIPATION AND INFORMATION DISCLOSURE

F. Stakeholders

23. The stakeholders identified for this subproject are:

- (i) Primary
 - Local community (residents, educational institutions, commercial and business) impacted due to utilities being built in their habitation or areas of usage
 - Community (residents, commercial and business) benefiting from the subproject
 - ULB and other state government departments, Public Health Engineering (PHE), waterworks, telecommunication, electricity, poverty alleviation, etc)
 - Project Management Unit (PMU)
 - GoK
 - GoI
 - ADB
- (ii) Secondary
 - Representatives of community based organizations, civil society groups
 - Police Department
 - NGO's
 - Builders

G. Public Consultation

24. The following methodologies have been used to carry out public consultation:

- (i) Local communities, Individuals affected, traders and local shopkeepers who may be directly affected to be given priority while conducting public consultation.
- (ii) Walk-through informal group consultations along the proposed water transmission line stretch.
- (iii) The local communities to be informed through public consultation with briefing on project interventions including its benefits.
- (iv) The social concerns and suggestions made by the participants to be listed out, discussed and suggestions to be noted for consideration during implementation

25. Formal Consultations were held with standing committee members and officials of Davanagere CMC in August, 2016 to assess the project approach. Project objectives and details were explained to the MLA of Davanagere Assembly constituency, Deputy Commissioner Davanagere and other officers of Davanagere City Corporation on 1st September, 2016.

26. Public consultations through Focus Group Discussions (FGDs) with local residents were also carried out in August 2016 and March 2017

Table 7: Pictures of Public Consultation

Consultation with the local Gram Panchayat (Local self-Government) Dodda Bathi



Public Consultation with the residents of Yeragunta



Consultation with the residents of Halekundawada



Consultation with the shop-keepers in Old Taluk Office



Consultation in Basha Nagar shop-keepers



Consultation with the shop keepers in Dodda Bathi



Consultation with the residents of Devaraj Uras Layout



Consultation with the shops in Court Road Davanagere



Consultation with Advocates in Court Road



Consultation with the petty shops of Court Road



Consultation with the residents of Vasanth Talkies Road



Consultation with the Auto drivers and shop keepers in clock tower Road



Consultation with the shop keepers in Chamrajpet Road



Consultation with the shop keepers in Chamrajpet Road



Consultation with the residents of RMC link Road,
K R Road



Consultation with the residents of Shekarappa
Nagar



Consultation with the shop keepers of Shamanur
Road



Consultation with the residents of Shamanur
Village Road



Consultation with the petty shops of SSHospital



Consultation with the residents of Basavanagouda
Layout



Consultation with the residents of Avaragere



Consultation with the shop keepers of Kuvempu
Nagara MCC B Block

27. Several discussions/consultations were held with local residents of the city (mainly those who are living along the project alignment and likely beneficiaries) Following are the comments/suggestions of the participants:

- (i) The work should be completed within the shortest possible time as people of the project proposed locations are facing a lot of problems due to the absence of the proposed infrastructure at present;
- (ii) Water Supply connections should be given to all local residents;
- (iii) The local residents should be informed about the trenching at least one week before.
- (iv) Employment may be provided to the local skilled and semi-skilled labourers during the construction stage.
- (v) Inconvenience and traffic disturbances due to construction work in the city should be minimized as far as possible
- (vi) People are willing to cooperate by all means to implement the project successfully.

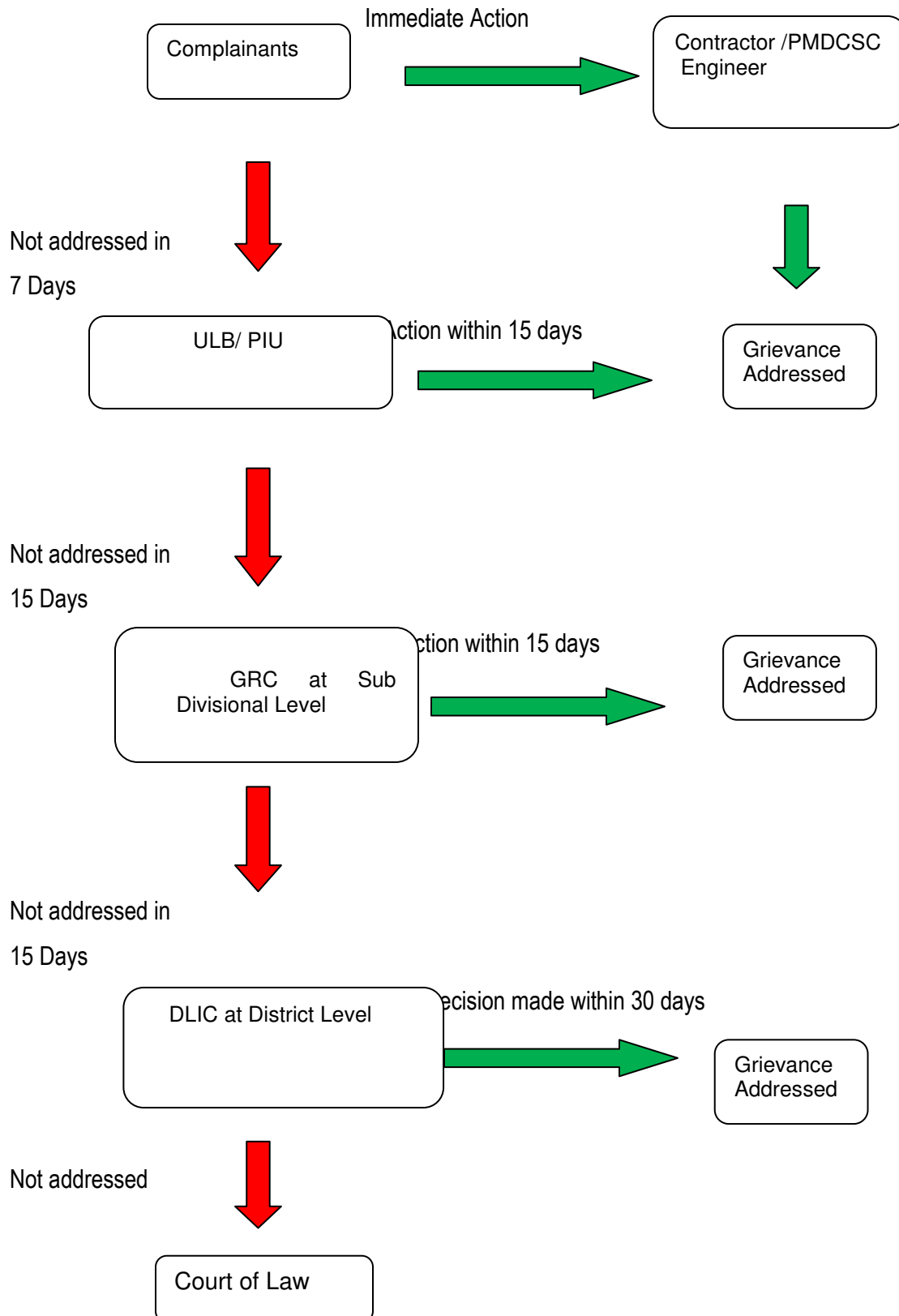
28. Public consultation had been conducted extensively to assess the impact of proposed civil work on the livelihood of the people and also to prepare Resettlement Plan (RP). The site verification reveals that all the components of the water supply and distribution sub projects are either located on vacant government land or along the existing right-of-way (RoW) of the city or enroute to villages.

29. Issues discussed in the Public Consultation:

- The subproject details have been provided in detail to the people who are involved in public consultation and also asked their suggestions and willingness to complete the proposed civil work.
- The inconvenience to approach the shops and residences during construction even after providing access by the contractor was explained to the participants and they expressed that they are willing to bear the inconvenience for a good cause.
- People involved in consultation provided their willingness to take up the proposed civil work and also requested to provide water supply connections to their areas in the proposed Bulk water supply.
- Suggestions received from the participants in the public consultation:
 - (i) Maintaining access to shops by providing planks and leaving spaces to avoid disturbance to residents and businesses,
 - (ii) Open pits to be guarded properly for safety reason, especially during day time working period, near road crossings, near school complex, etc.
 - (iii) Managing traffic flows as per the traffic management plan prepared by the contractor in coordination with local authorities and communities,
 - (iv) Limiting period of time for open trenches and
 - (v) Completing works quickly where large numbers of businesses are located,
 - (vi) Avoiding full street closure to the extent possible,
 - (vii) Providing employment opportunities to the displaced persons (DPs) during construction works, especially vulnerable DPs, if necessary
 - (viii) Placing telephone hotlines on signs on visible areas to notify in case of emergency
 - (ix) Making the community fully aware of the grievance redress mechanism,
 - (x) Providing contact number of responsible persons in the RPMU and ULB offices, and
 - (xi) Providing assistance to vendors and hawkers in shifting to alternative nearby locations and helping in the reinstallation of their businesses early.

V. GRIEVANCE REDRESSAL MECHANISM

30. A project specific Grievance Redress Mechanism (GRM) will be established (in line with Resettlement Framework approved for the program) to receive, evaluate and facilitate concerns of, complaints and grievances of the APs (during project implementation) in relation to project's social and environmental performance. The main objective of the GRM will be to provide time bound action and transparent mechanism to resolve social and environment concerns. A project GRM will cover the project's towns for all kinds of grievances and will be regarded as an accessible and trusted platform for receiving and facilitating project related complaints and grievances. The multi-tier GRM for the program will have realistic time schedules to address grievances and specific responsible persons identified to address grievances and whom the APs have access to interact easily.
31. **Grievance Redress Process.** The PMU will maintain a Complaint Cell headed by a designated Grievance Officer at its office. Awareness on grievance redress procedures will be created through a public awareness campaign, with the help of print and electronic media and radio. The resettlement NGO will ensure that vulnerable households are also made aware of the GRM and assured that their grievances to be redressed adequately and in a timely manner.
32. There will be multiple means of registering grievances and complaints: by dropping grievance forms in complaint/ suggestion boxes at accessible locations, or through telephone hotlines, email, post or writing in a complaint registrar book in ULB's project office. There will be a complaint registrar book and complaint boxes at the construction site office to enable quick response to grievances/ complaints for urgent matters. The name, address, and contact details of the persons with details of the complaint / grievance, location of problem area, and date of receipt of complaint will be documented. The RPMU' social Development/resettlement officer will be responsible at the project level for timely resolution of the environmental and social safeguards issues and registration of grievances, and communication with the aggrieved persons.
33. The Grievance Officer will resolve simple issues and in case of complicated issues, consult/seek the assistance of the Environment/Social Coordinator of the PMU. Grievances not redressed through this process within one month of registration will be brought to the notice of the Project Director, KIUWMIP. The draft Grievance Redress Process will be discussed with the stakeholders at the proposed disclosure workshop.
34. Periodic community meetings with affected communities to understand their concerns and help them through the process of grievance redress (including translation from local dialect/language, recording and registering grievances of non-literate affected persons and explaining the process of grievance redress) will be conducted if required.

Figure 1: Grievance Redress Process

VI. INCOME RESTORATION

35. The objective of income restoration is that no AP shall be worse off compared to pre-project status. Income restoration schemes are designed based on the data from a socio-economic survey (SES) conducted during the project preparatory stage. Existing resources in the region as well as skills of the APs, their socioeconomic status and cultural patterns will be considered while formulating income restoration programs.
36. As there is no permanent involuntary resettlement impact in this project income restoration for the vulnerable persons is not considered. If, however, during the detail project design phase, any involuntary resettlement impact due to land acquisition is considered, appropriate action will be taken. During implementation stage (after verification and updating RP by RPMU and consultation with the potential APs), the resettlement NGO under the guidance of RO at ULB level will identify the vulnerable persons eligible for income restoration assistance and conduct consultation for income restoration measures including skill development training or cash assistance to purchase equipment/ tools as desired by the APs. This activity will be included and prescribed in the final RP together with the detailed timeline and dedicated budget.

VII. POLICY FRAMEWORK AND ENTITLEMENT

H. Policy Framework

37. The resettlement principles adopted in this framework recognize the Land Acquisition Act, Karnataka, 1894 (with Amendment Act 68 of 1984), National Resettlement and Rehabilitation Policy, Govt of India as notified in 2007 and the relevant Asian Development Bank's (ADB) Safeguards Policy Statement (SPS) of 2009 and Operations Manual F1 (2010) on Involuntary Resettlement (2003). Since the 'Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013' is in place from 2nd January, 2014 the compensation for loss of land has been estimated based the new act.

I. National Policy Framework

- (i) to minimize displacement and to promote, as far as possible, non-displacing or least-displacing alternatives;
- (ii) to ensure adequate rehabilitation package and expeditious implementation of the rehabilitation process with the active participation of the affected families;
- (iii) to ensure that special care is taken for protecting the rights of the weaker sections of society, especially members of the Scheduled Castes and Scheduled Tribes, and to create obligations on the State for their treatment with concern and sensitivity;
- (iv) to provide a better standard of living, making concerted efforts for providing sustainable income to the affected families;
- (v) to integrate rehabilitation concerns into the development planning and implementation process; and

- (vi) where displacement is on account of land acquisition, to facilitate harmonious relationship between the requiring body and affected families through mutual cooperation.

J. ADB's Involuntary Resettlement Policy

38. Basic principles of ADB's Involuntary Resettlement Policy where involuntary resettlement is unavoidable are noted as below.

- (i) Involuntary resettlement should be avoided whenever feasible.
- (ii) Where population displacement is unavoidable, it should be minimized.
- (iii) All lost assets acquired or displaced will be compensated based on the principle of replacement cost.
- (iv) Each involuntary resettlement is conceived and executed as part of a development project or program. The displaced persons (DPs) need to be provided with sufficient resources to re-establish their livelihoods and homes with time-bound action plan in synchronization with civil works.
- (v) The DPs are to be fully informed and consulted in details.
- (vi) The absence of a formal title to land is not a bar to entitlements.
- (vii) The Displaced Persons are to be identified and recorded as early as possible to establish their eligibility, through a census, which serves as a cut-off date, and prevents subsequent influx of Encroachers.
- (viii) Particular attention must be paid to Vulnerable Households including those without legal title to land or other assets; households headed by women; the elderly or disabled; and indigenous groups. Assistance must be provided to help them improve their socio-economic status.
- (ix) The full resettlement costs are to be included in the project costs and benefits.
- (x) All payments including compensation for loss of land, assets, structures, trees, income common properties will be made prior to physical or economic displacement and commencement of civil construction work.

39. ADB's Safeguard Policy Statement for Involuntary Resettlement does not apply to negotiated settlements, unless failed negotiation leads to compulsory land acquisition by expropriation.¹ It also encourages the borrower/ client to acquire land / other assets through negotiated settlement, thereby avoiding lengthy land acquisition procedure and legal battle. However the borrower / client will ensure, through meaningful consultation with the displaced person(s) and those without legal title, adequate and fair price for land / other assets. The borrower/client will have to engage an independent external party to document the negotiation and settlement processes. The borrower/client will agree with ADB on consultation processes, policies, and laws that are applicable to such transactions; third-party validation; mechanisms for calculating the replacement costs of land and other assets affected; and record-keeping requirements. Similar process will be followed for voluntary donation of land where an external independent entity will supervise and document the consultation process and validate the land donation process as per legal requirement.

K. Karnataka Land Acquisition Act

40. The Land Acquisition (KARNATAKA AMENDMENT) Act, 1988 was made to the Karnataka Land Acquisition Act, 1984 with a view to facilitate land acquisition process and make it

¹ ADB Policy Paper: Safeguard Policy Statement, June 2009 Safeguard Requirements 2: Involuntary Resettlement

more people friendly. A few relevant amendments made to the Karnataka LAA are important to understand the legal requirement in case of Land Acquisition and other ways of facilitating land availability for public purpose. These are in the form of Government Order and Circular and mentioned in brief below.

- (i) According to the Govt. Order (G.O. No. VAE 26 HAM 2010, Bangalore, dated 13.04.2010) issued on 13th April, 2010 a committee headed by the Deputy Commissioner of the District (DC) can decide the "Guidance value" and even pay the land owner for compensation of land an amount up to a maximum of 3 times more than the Guidance Value. Other members of the committee are local Member of Legislative Assembly (MLA), Assistant Commissioner (AC), ULB President and ULB Commissioner.
- (ii) According to Govt. Circular no. RD 13 BHU.SWA.DHA. 2006 dated 24.02.2006, 50% of the award value for land will have to be submitted by the Requiring Body on the date Section 4(1) notification is served and rest of the full compensation payment to be submitted before Section 6(1) notice is served. There is one year time period for issuance of notification of section 4(1) and section 6(1) and two years between issuing section 6(1) and award of compensation. If award exceeds more than the stipulated two years period the land acquisition process will lapse and fresh LA procedure will have to be initiated
- (iii) In the Circular No. RGRHCL 05 HSA 2006, dated 16.06.2008, Tehsildar or AC of the district has been duly authorized by DC to purchase land for public purpose. This circular facilitates purchase of private land directly from the people for public purpose.
- (iv) Dy. Commissioner of the district is empowered to pay a maximum of Rs. 1 crore to an individual. Regional Commissioner of a Region is empowered to pay compensation up to a maximum of Rs 5 crores to an individual. If the compensation amount exceeds Rs 5 crores for an individual, the proposal should go to the Principal Secretary, Land Revenue Deptt., GoK for his approval and ultimately to be approved by the Minister in Charge of the Land Revenue Deptt.

L. The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013'

41. The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 recognizes the need for rehabilitation and resettlement benefits for project affected families. The ADB's Safeguard Policy Statement (SPS), 2009 emphasizes "a process of free, prior, and informed consultation with the affected people at each stage of the project, and particularly during project preparation, to fully identify their views and ascertain their broad community support for the project. Similarly The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 made the public consultation mandatory (section 5) during the preparation of Social Impact Assessment of all projects.
42. The major differences identified between the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 and the Resettlement Policy Framework (RPF) approved for the project are the following

- i. Recognition and establishment of cut-off date to identify the non-titleholders who have no recognizable legal right to the land they are occupying and extending R&R benefits under the project;
 - ii. Compensation at full replacement cost (without depreciation) to replace the lost and other assets;
 - iii. Additional benefits for vulnerable groups
43. As no AP's are identified in this project, this gap of new Act with RPF would not have any implication in this subproject. However, the RPF would be revised based on The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013. The Entitlement of Affected Persons as per new act is summarised in table-10

Table 10: Entitlement Matrix

Sl. No.	Type of Loss	Type of Impact	Type of Displaced Person	Compensation Entitlement
1	Land (Residential / agricultural)	Permanent	Owner (s) with legal title/customary rights of land to be identified during detailed survey	<p>1. Cash compensation at replacement value or open market value of land.</p> <p>2. Subsistence cash allowance based on minimum wage rate of Rs 157.34 per head per day: (a) for a period of 6 months if residual land unviable; (b) for a period of 3 months if residual land viable.</p> <p>3. If displaced household is vulnerable, compensation for entire or part of land is by means of land for land if so desired by HHs, provided land of equal productivity is available. PIU should find out alternate plot of equal productivity in lieu of land lost within close vicinity for the WHH to be provided as security for future. For other vulnerable DPs if equal productive land is not available cash compensation may be alternate option.</p> <p>4. All fees, taxes and other charges (registration etc) incurred for replacement land will be borne by the project</p>
1.a	Residential land, Agricultural land	Permanent	Tenants, Leaseholders and Share Croppers	<p>1. Cash assistance based on 3 months' income from land;</p> <p>2.Reimbursement for unexpired lease in case of leaseholders;</p> <p>3. Assistance to find new land/ place to leaseholder;</p> <p>4. Rehabilitation assistance for tenants categorized as vulnerable (Female/disabled headed, Indigenous persons/ BPL^c HH) in form of cash assistance to purchase income generating equipments/ getting skill training of their choice subject to a limit of Rs 40,000.^d</p> <p>This provision includes the tenants of the negotiated land settlement.</p>
1.b		Permanent	Encroachers: titled or non-titled land users who have extended their activities illegally into the Government lands	<p>1.Vulnerable HH will be given cash assistance to purchase income generating tools/ equipment, or , skill development training of their choice subject to a limit of Rs 40,000</p> <p>2.Priority to be employed during construction, if do desired</p>
1.c	Commercial/ industrial, residential, agricultural land	Temporary	Land owner/ occupant/ land users	<p>1.Rental value during period of temporary occupation/ loss of access to land;</p> <p>2.Compensation for lost income during temporary occupation;</p>
2	Structures (Residential/ commercial – such as house, shops, barns, garage, outhouse) and other fixed assets (pumps, wells, fences etc)	Permanent	Owner(s) of structures to be affected by the project (with or without legal status to the land)	<p>1. Replacement value of structure to be calculated at Basic Schedule of Rates plus cost of labour.</p> <p>2.Where loss of structure is partial and the remaining portion is not viable for living any more, compensation should be for whole structure; otherwise compensation to be for affected structure only</p> <p>3.Free transport facility or shifting assistance of Rs 3000 (one-time payment)</p> <p>4.Registration cost and taxes, associated with new house, if any, will be borne by the project</p> <p>5. Right to salvage material from existing structure</p> <p>6.Subsistence allowance in cash @ Rs157.34 per day (for 3 months) based on minimum wage rates for Vulnerable Households</p>

Sl. No.	Type of Loss	Type of Impact	Type of Displaced Person	Compensation Entitlement
2.a		Permanent	Leaseholders occupying affected structures	1.Reimbursement of unexpired lease; 2.Free transport facility or shifting assistance of Rs 3000 (one-time payment) 3.Subsistence allowance @Rs157.34 per day (for 3 months) based on minimum wage rates for Vulnerable households; 4.Replacement value of assets created by lessee at Basic Schedule of Rates and cost of labour; 5.Right to salvage material from structure created by lessee; 6. Vulnerable households will be given cash assistance to purchase income generating equipment / tools or getting training of their choice subject to a limit of Rs 40,000
3.a	Loss of access to the commercial structure within the subproject area	Permanent	Tenants/Leaseholders occupying affected structures	1.For tenants, 3 months' rental assistance to be provided based on rental value which DP is currently paying; 2.For Leaseholder reimbursement of unexpired lease; 3.Subsistence allowance for 3 months based on minimum wage rates of Rs 157.34 for vulnerable households; 4.Cash assistance for purchase of income generating equipment/ or skill training if they so desire, for vulnerable households 5.Free transport facility or shifting assistance of Rs3000 (one time payment) 6.Right to salvage material from existing structure, if any part thereof is built/extended by the tenant/ lessee
3.b		Permanent	Squatters/ Encroachers using the affected structure	1. All DPs will be given advance intimation of 60 days to shift from the public land; 2. Free transport facility or shifting assistance of Rs3000 (one time payment); 3. Subsistence allowance for 3 months based on minimum wage rate @ Rs 157.34 for the vulnerable households; 4. Cash assistance for purchase of income generating equipment/ or skill training if they so desire, for vulnerable households
4	Loss of standing crops/ trees within subproject area	Permanent / Temporary	Owner (titled/untitled) of trees/ crops/ : Encroachers cultivating on Govt lands, informal land users	1. Notice will be given to crop/ tree owners to minimize the loss; 2. Cash compensation for lost standing crops and loss of future harvest (max for 2 yrs) will be paid. Compensation for cash crop will be based on market rate of that harvesting season; 3. Compensation for perennial crops to be calculated as annual net product value multiplied by no. of productive years remaining. For trees, it will be based on the market value of timber in case of timber bearing trees and replacement cost in case of fruit bearing trees 4. For vulnerable households subsistence allowance for one cropping cycle in case of seasonal crop
5.	Loss of livelihood/ income	Permanent	Employees working in commercial	1. Assistance to persons affected due to employer being displaced,

Sl. No.	Type of Loss	Type of Impact	Type of Displaced Person	Compensation Entitlement
			establishments	based on minimum wage rate for 3 months' income 2. Assistance to be linked to project related employment opportunities, if so desire.
5.a		Temporary	Employees working in commercial establishment	1. Cash compensation equal to duration of wages lost up to 7 days at minimum daily wage rate
5.b		Permanent/ Temporary	Farm/ Agricultural worker	1. Assistance based on minimum wage rate for 3 months. 2. For vulnerable persons: a.) Cash assistance for purchase of income generating equipment subject to a maximum of Rs 40,000 b) Skill development training, if they so desire, c) Assistance to be linked to project related employment opportunities, if so desire
6	Livelihood / Income	Temporary	Hawkers/ Vendors, agricultural labourers temporarily affected during construction	1. Cash assistance equivalent to maximum daily income to be paid for the no. of days /weeks of temporary disruption 2. Free transport facility or one time shifting assistance of Rs 3000 will be provided
7	Loss of community / social facility (such as, cultural /religious heritage objects/ place of worship etc)	Permanent	Community or local body owning the structure/ assets /place or object of worship	1 Restoration / replacement and improvement of community assets, such as water pumps, wells, school, temple, shrines and cultural heritage sites 2 Enhancement of community resources and replacement of likely to be depleted resources
8	Any other loss not identified			Unidentified involuntary impacts shall be documented and mitigated based on principle provided in the ADB's SPS

^a **Terms used in Entitlement Matrix:**

Subsistence Allowance is a transitional allowance offered to all DPs whose livelihood will be affected due to subproject and which will be utilized / consumed by DPs. Subsistence allowance will be decided based on minimum wage rate as defined/fixed by Karnataka state (current rate being Rs 157.34). For vulnerable households Subsistence Allowance will be supplemented by income generating/ skill development training.

Shifting Assistance will be provided to the DPs to move from the place proposed for acquisition to a new place. The amount of the Shifting Assistance will be decided based upon volume of material/assets to be shifted and distance to new place. ULB may provide free transport facility for this.

^b Vulnerable households include Women Headed Household (WHH), families belonging to BPL category, disabled headed household, Indigenous people.

^c BPL- below Poverty line. Poverty line is fixed by The Planning Commission of India as a daily per capita income of Rs 32 in urban area and Rs 25 in rural area. In a revised estimate, The Planning Commission has published poverty line in Karnataka, with reference year of 2004-05, to be determined as per capita monthly income of Rs 417.84 and Rs 588.06 in urban area.

^d SDO will assist in identifying and purchase of income generating equipment / assets.

^e Minimum wage rates are fixed by GoK each year comprising basic pay and variable dearness allowance according to Gazette Notification no. KAE 96 LMW 2005 dt 31.07.07. Minimum wage rate for agricultural works has been fixed at Rs 157.34 per day for the year 01.04.2012 to 31.03.2013

VIII. RESETTLEMENT BUDGET

44. Incomes of affected persons if any will be compensated based on replacement value of losses as detailed in the entitlement matrix. The cost of all resettlement related activities if any is an integral part of overall costs. Activities that may need to be carried out as part of short term resettlement plans if any will be part of RPMU's Social Safeguard Unit activities.
45. The engineering design and technology adopted for the project indicate that there is no scope for roads to experience full closure. Impacts on access due to partial closure of roads are avoidable and manageable through good implementation of the Environmental Management Plan (EMP). If in the unlikely event during construction it is found that partial closure is creating loss of income to any business, these businesses would be entitled to livelihood assistance. Discussions with engineers reveal that the duration of such an unforeseen event if any will not be for more than 3 days. Currently, there are no businesses affected by this sub project.

IX. INSTITUTIONAL ARRANGEMENTS AND IMPLEMENTATION

M. Existing Institutional Structure and Capacity

46. Karnataka Urban Infrastructure Development and Finance Corporation (KUIDFC) is the nodal executing agency (EA) responsible for implementing KIUWMIP. KUIDFC is a fully owned Government of Karnataka company incorporated under the Companies Act, 1956. KUIDFC will establish a central project management unit (CPMU) and regional project management unit (RPMU) at the district level to facilitate KIUWMIP. The RPMU will assign a special resettlement officer (RO) to manager settlement activities, supervise and monitor activities. This person will be selected based on their experience in handling resettlement activities for similar external aided projects. The PMDSC resettlement specialist and the resettlement NGO will support the assigned resettlement officer at RPMU to manage the resettlement activities of the project.
47. The subproject ULBs are the implementing agency (IA), supported by the project implementing Unit (PIU) to implement subproject components including resettlement activities, if any

N. Implementation

48. The roles and responsibilities of the various Institutions/ organisations are listed below

Table 11: Roles and Responsibilities of Institutions

SI No.	Activities	Responsible Authority/ Agency	Time schedule
1	Conduct FGD/Meetings/workshop during SIA / census survey	RO engaged by PIU (ULB) to convene meetings/ workshop depending on project requirement. Resettlement NGO to attend based on requirement	To continue throughout RP preparation and implementation phase
2	Disclosure of Final RP, particularly final entitlement and rehabilitation packages to all APs	ULB to circulate copies of Draft RP with entitlement packages to all stakeholders in disclosure meeting, where NGO/CBOs/ people's representatives will be present APs to approve / accept entitlement and rehabilitation measures in the RP	15 days 15 days

SI No.	Activities	Responsible Authority/ Agency	Time schedule
3	Approval of Final RP	ADB to approve subproject RP RPMU to arrange for translation and disclosure of final RP among the APs and stakeholders	15 days 15 days
RP Implementation stage			
4	Grievance Redress	RPMU to set up GRC at district level ULB to convene meeting on receiving complaints NGO to coordinate GRC meeting, assist APs, especially the vulnerable, in having access to GRC	To continue during RP implementation
5	Monitoring & Reporting	ULB will prepare quarterly progress reports and ADB compliance reports with cooperation from NGO/ RO and send to RPMU CPMU to report RP activities to ADB RPMU will monitor activities of ULB/ DLRC (for LA payment only), if required	Every quarter during RP implementation Throughout RP implementation

X. IMPLEMENTATION SCHEDULE

49. The detailed design stage started in January 2017, and the construction period will cover 24 months.
50. All the compensation and assistance as per Entitlement Matrix will be completed prior to the start of the civil work at each specific site and/or stretch. Written confirmation is required to be sent by the PMU to ADB stating that all compensation has been paid to affected persons. Construction work can begin only in sites and sections where compensation has been paid.

XI. CONCLUSION

51. ADB's criteria (ADB's Safeguard Policy Statement, 2009) for screening and categorization of projects for involuntary resettlement will be adopted for the projects.
- (i) Category A: 200 or more people will be severely affected (physically displaced from housing or losing 10% or more of their productive/income-generating assets). (ii) Category B: Less significant impacts than Category A. (iii) Category C: No person will be affected.
52. Efforts have been made during the preparation of the engineering design to avoid acquisition of land and other assets and to reduce negative socioeconomic impact. Economic displacement resulting from partial closure of roads during construction is avoidable and manageable through good implementation of the EMP. It is anticipated that there will be no permanent or temporary impact either through acquisition (no acquisition) or construction. Based on the above assessment, the subproject has been categorized as "C" for Involuntary Resettlement (IR) impact. Hence no Resettlement Plan needs to be prepared for this sub project.

Annexure-1
Public Consultations

Name of the ULB:	City Corporation Davanagere
Water supply subproject:	Water supply Distribution Network in order to implement 24X7 water supply in Davanagere City
Date:	14.03.2017 to 16.3.2017
Area:	Davanagere City

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
1	Mr. Basavanayappa S/o Kenchappa chovdavvar, Yaragunti.	7337856009	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
2	Mr. Nagaraj S/o Hanumanthappa Yaragunti, W.No-1	9880689787	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Precautions should be taken to avoid possible accidents

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
3	Mr Adivappa S/o Kannappa, Halehalli, Yeragunti	9972065344	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safe work environment should be created.
4	Mr. Parassppa S/o Devendrappa Goneyappar house, Yaragunti, W.No-1	7090915711	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work needs to be completed without delay.
5	Mr. Renuka B, Anganawadi teache Janatha colony, Halekundawada.	9901100619	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis.
6	Mr. Sathish S/o Manjappa, Janatha colony, Halekundawada.	-	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused.

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
7	Mr. Basavaraja S/o Basavanthappa , Janatha colony, Halekundawada.	7259331178	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should follow the construction work.
8	Mr Nagappa. N S/o Sannanagappa. Opp. Govt higher Primary school, Halekundawada.	9632028278	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be prioritised.
9	Mr. K.N Kalingappa S/o Nagapp opp. Govt Govt higher Primary school, Halekundawada.	9741749854	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Priority should be given for restoration work.
10	Mr.Shivappa S/o Nagappa , opp. Govt Govt higher Primary school, Halekundawada.	9902097271	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Proper restoration work should be implemented.

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
11	Mr Madhu, Press reporer, Samyuktha Karnataka, opp. Govt Govt higher Primary school, Halekundawada.	9743300772	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be taken up without any delay.
12	Mr Ganesha Kundwad S/o Virupakshappa, Valmiki nilaya Ravindranath Layout, New Kundawada.	9964693049	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
13	Mr Kariyappa S/o Nagappa, Hosa Kundawada	9663688793	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
14	Mrs. Shashikala, Angnawadi teacher Hoskundwada, Ravindranath layout.	9972474804	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
15	Mrs. Halamma, Angnawadi Helper,	7760487159	Construction of OHT's and laying of water supply	Yes	No	Satisfied with the proposed sub

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
	Ravindranath layout. Hoskundwada,		distribution pipe lines.			project implementation. Safety measures should be followed
16	Mrs. Kariyamma W/o Rangappa. Ravindranath layout. Hoskundwada,	-	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
17	Mrs. Sharadamma, Teacher , Govt higher primary school Anjaneya	8095550801	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
18	Mrs. Shasikala. H Teacher, Govt, Higher Primary School Anjaneya	9480388770	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
19	Mrs. Uma W/o, Veeraiah, #1675-173-9, Srinivas nagar, 9 th Crssoss, opp ITI park, Hadadi road, Davanagere	8095559030	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Precautions

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
						should be taken to avoid possible accidents
20	Mr. Amith patil, Siddeshwara medicals, #283/4A 4 th Main, P.J. Extension, opp. Park, Davanagere.	962016805	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused
21	Mr. Siddesh, Basava cyber cafe, #283/2, 4 th Main, P.J. Extension, opp. Vishweswaraiah Park, Davanagere.	9480169037	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Priority should be given for restoration work
22	Mr. K.H Srinivas S/o N. Hanumathappa, 4 th Cross, #231, old Taluk, gandhinagara office, Davanagere.	9513031759	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Proper restoration work should be implemented.
23	Mr. Rudresh S/o Revanasiddappa, 4 th Cross, old Taluk office, near Head post office.	9738858806	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed

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						on priority basis
24	Mr. H. Kotreshappa, S/o Murgeppa, 4 th Cross, old Taluk office Near Head post office, Davanagere	8792313528	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Precautions should be taken to avoid possible accidents
25	Mr. Ramachar S/o late puruachar, old Taluk office near Head post office, Davanagere.	9980171055	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
26	Mr. Nagaraj Shetty , S/o Late Mukundaiah shetty, old taluk office, near head post office, Davanager.	9986746640	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
27	Mrs. C.K Vishalakshi, W/o late C.N.K Shetty, old Taluk office, near Head post office, Davanagere.	9844509451	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused
28	Mr. Junaidkahan, S/o	7349443856	Construction of OHT's and	Yes	No	Satisfied with the

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
	Saturkahan, Tea Stall, Bismillah layout , Davanagere, Near B.N Layot park.		laying of water supply distribution pipe lines.			proposed sub project implementation. Proper restoration work should be implemented.
29	Mr. Sirajkhan S/o, Sabjamsab, Fathe Enterprisess, Bashanagar, Davanagere.	9886827571	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Precautions should be taken to avoid possible accidents
30	Mr. Mohanmmed shariff, S/o Syed Bashasab, S.S.M Nagara, Davanagere.	9008270090	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
31	Mr. Shivashankar S/o Late Kotrappa, Patyshop near Arch, Doddabathi post, Davanagere Taluk & Dist.,	9741812059	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Priority should be given for restoration work
32	Mr. Revanasiddappa, S/o Rudrachar,	9663344357	Construction of OHT's and laying of water supply	Yes	No	Satisfied with the proposed sub

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
	Doddabathi, Davanagere Taluk and Dist.,		distribution pipe lines.			project implementation. Restoration work should be focused
33	Mr . Manjunath S/o Sangappa, Doddabathi, Davanagere (T) & (P),	9980638709	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
34	Mr. Narendra Kumar, S/o Kotreshappa, Medical Store. Doddabathi, Davanagere (T) & (D)	9980727774	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Priority should be given for restoration work
35	Mr. T.S. Kenchappa. PDO. Doddabathi, Davanagere (T) & (D) 8494833192	8494833192	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
36	Mr. Manohar, C/o Siddojirao, New GMIT College, Davanagere.	9035144410	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work

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						to be completed on priority basis
37	Mrs. Lakshimmi, C/o Maruthi, Near GMIT college, Davangere.	9535468238	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Priority should be given for restoration work
38	Mr. Santhosh S/o Sommanna, Near GMIT College, Davanagere.	9916620016	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused
39	Mr. P.R Nagaraj S/o Rajap, Pisale compound 3 rd cross, Davanagere.	9341011163	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Precautions should be taken to avoid possible accidents
40	Mr. Manjunath. S/o Gurusidappa. 1476/2A Jallinagar, 2 nd Main, Davanagere.	8277596953	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
41	Mr. Chandrappa, S/o Nithur Basappa. Kondajji Road, Davanagere.	9844255407	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Priority should be given for restoration work
42	Mr. Shivakumar, J.C S/o Chandrashekarappa. Halekundwads. Davanagere.	9742191661	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Priority should be given for restoration work
43	Mr. Sayadsulthan, S/o Sayed Shammsha, Telephone office beside Devarj urs layout, Davanagere.	9844111131	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
44	Mr. Ramesh. S S/o Late. Hanumanthappa. 3423 cigateri layout, 3 rd Cross, Davanagere.	9844756022	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused
45	Mr Mahadevappa. S/o Late Devendrappa, Budhal	9740592890	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
	road,Davanagere.					implementation. Safety measures should be followed
46	Mr. Sharif S/o Nazeer Ahmed. MG. Engineering works, Court road, Davanagere.	9964051014	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
47	Mr Athef S/o Mujeebahamed, Amaravathi Enterpissess, Court road, Davanagere.	998627270	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Priority should be given for restoration work
48	Mr. Lingaraj S/o Bhimappa, S/o Nataraj , Public Court opposite, Davanagere.	9448233844	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused
49	Mr. Jakithussen S/o Karim sahib, Shivaji nagar, court road, Davanagere	9449781952	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Precautions should be taken

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
						to avoid possible accidents
50	Mr. Purashuram, S/o Hanumanthappa. Court Road, Davanagere.	9008452755	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
51	Mr. Sayed Nazir, S/o Syed Rehaman sahib, Court road, Davanager.	9535128470	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Priority should be given for restoration work
52	Mr. Noorahamed, S/o Mkihas ahmed, Court road, Davanagere	9035633854	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused
53	Mr. Ashok. S/o Nagara sheti, Vasantha thalkies , Davanagere.	9620657785	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
54	Mr Prakash S/o	8197870240	Construction of OHT's and	Yes	No	Satisfied with the

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
	Veerabhadrappa. Opp Vasantha Theater , Davanagere.		laying of water supply distribution pipe lines.			proposed sub project implementation. Priority should be given for restoration work
55	Mr. N. Nagappa. S/o Rajappa. Quarters No-8, Jali quarteres Davanagere.	9902191539	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
56	Mr Srinivasa S/o Errappa. S.S layout, Davanagere.	9902245916	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
57	Mr. Nagaraj S/o Hanumanthappa. Autostand, Clock Tower, Davanagere.	8904758481	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Proper restoration work should be implemented.
58	Mr. Virupaksha S/o Devendrappa. Auto stand clock tower,	9743215135	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
	Davanagere.					implementation. Restoration work should be focused
59	Mr. Jagadesh S/o Lakshamappa, Auto stand, Clock tower, Davanagere.	99022245996	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Precautions should be taken to avoid possible accidents
60	Mr. Mirajkar textiles, Madipet, Davanagere	08192 233211	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
61	Mr. M. Jagadeesh, sri malakshmi jewelless, chama raj pet Davanagere. 577 001	081992, 231445, 9844290690	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Priority should be given for restoration work
62	Neelamma, W/o Rammanna, Chamaraj pet road, Road vendors. Davanagere.		Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
						should be focused
63	Indra W/o Manjunatha, Road Vendors, Chamarajpet, Road, Davanagere.	9741252154	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
64	Mr. Nijaguna swamy, S/o Bhomalingaya , Chamaraj circle., Davanagere.	9740250110	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Proper restoration work should be implemented.
65	Virupakshappa G.N. S/o Nanjappa, Chamarajpet, Davanagere	9844569075	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
66	Basavaraj S/o Saranabasappa, Vinayaka Weigh Bridge, RMC Linkroad, H,K Road, Davanagere.	97414533067	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Precautions should be taken to avoid possible

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
						accidents
67	Mr Karthik S/o Mahesh, Myamthi tradress, K.R. Road, Davanagere.	9066565401	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Proper restoration work should be implemented.
68	Nazi shah timber shed, K.R.Road, Davanagere.	9743020710	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused
69	Mr. Maruthi, S/o Hanumappa pujari, Shekrappanagar, party office, Davanagere.	9740457052	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
70	Mr. Kiran R S/o Armugam, Shekarappanagara "B" Block, Davanagere.	8892835296	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
71	Thippeswamy.A S/o	9661837027	Construction of OHT's and	Yes	No	Satisfied with the

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
	Ajjappa. Shekarappanagara, Davanagere.		laying of water supply distribution pipe lines.			proposed sub project implementation. Priority should be given for restoration work
72	B.M Ajay kumar, S/o Manjunatha Shety, Shekarappanagara, Davanagere.	9900857851	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused
73	Eshwar Rao. Hiremath, S/o Basavannay hiremath, Opp lakshmi plour mill shamnur road, Davanagere.	8861319288	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
74	Ravikumar T. C/o Tippeswamy opp Lakshmi Flour mill, Shamnur road , Davanagere	98446475370	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Proper restoration work should be implemented.
75	Raghvendra Hotel Shamnur road, Davanagere.	8095829123	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
						implementation. Safety measures should be followed
76	D. Manjunatha. Friends service, Shamnur road, Davanagere.	9740011819	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
77	Ganesh S/o Basappa. Shamnur village, Davanagere.	9620421286	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Proper restoration work should be implemented.
78	Parameshwarapp S/o G. Shekarappa, Shamanur village, Davanagere.	7406941466	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused
79	Mr. Manjunath S/o Basaiah, Shamanur village, Davanagere.	9901431063	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Precautions

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
						should be taken to avoid possible accidents
80	Mrs. Vanjakshamma, W/o Late. Kummarappa, near S.S Hospital, Davanagere.	9035607842	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused
81	Arjun S/o Ramachandra rao, R.R food point, near SS hospital, Davanagere.	9164235723	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
82	Kenchappa S/o Pakirappa, Near Bada cross, Veena Vulkanizing , Davnagere.	9845788942	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused
83	Kuberappa. S/o Gurusidhappa, Basavanagowd Badavane , Davanagere	8971178202	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
84	Manjappa S/o Erappa, Basavanagowd Badavane , Davanagere	-	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Proper restoration work should be implemented.
85	Rathmamma, W/o Shivanna, Basavanagowd Badavane , Davanagere	-	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
86	Manjunath S/o Erasappa Basavanagowd Badavane , Davanagere	9740304757	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
87	Anand S/o Velluswamy, Basavanagowd Badavane , Davanagere	9740936334	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Proper restoration work should be implemented.
88	Manjunatha. R	9916826550	Construction of OHT's and	Yes	No	Satisfied with the

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
	S/o Parushuram reddy. Basavanagowd Badavane , Davanagere		laying of water supply distribution pipe lines.			proposed sub project implementation. Restoration work should be focused
89	Igar Jayappa, Shekarappa Bdavane, OHT, Davanagere.	9731909929	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Precautions should be taken to avoid possible accidents
90	Mallikarjun, S/o Durgana gowdappa, Avargere near OHT , Davanagere.	9481672576	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
91	Shiva Sharanappa, S/o Ramappa, Avargere near OHT, Davanagere.		Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Priority should be given for restoration work
92	Mr Gurumurthy, 2009/197. 17 th Cross, Cidyanagar, Davngere.	9448428371	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project

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						implementation. Restoration work should be focused
93	Chaman, S/o Ismail sahib, Vidyanagar, Davanagere.	9632105115	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
94	Vijaykumar S/o Karegowda, Banashankari layout , Davanagere.	9844503340	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Priority should be given for restoration work
95	Umapathi S/o Somashekarappa, Banashankari Badavane, Davanagere.	9916111500	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed
96	Raju S/o Ashok, Mear old RTO, Kuvempu nagar M.C.C "B" Block Davanagere.	8884901610	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
						focused
97	Mr. Mahesh G Hiremath. S/o Gurupadaiha, Hiremath, Kuvempu nagar, M.C.C 'B', Davanagere.	9740769894	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Proper restoration work should be implemented.
98	Mr Anandappa. S.K, S/o Siddalingapp, Kuvempu nagar M.C.C 'B'	9844300446	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused
99	Gurumurthy verankar S/o Kashinath, Kuvempu nagar, M.C.C 'B' Block, Davnagere.	9242905735	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Precautions should be taken to avoid possible accidents
100	Bakesh, Prabath Bakery. Besides Anjaneya Temple, Anjaneya layout, Davanagere.	9902028159	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Safety measures should be followed

Sl. No	Name and address of the person consulted	Contact No	Issues discussed	Contacted person is the beneficiary of the proposed project Yes /No	Proposed project cause and social issue? Yes/ No (If Yes provide details)	Suggestions for the proposed project.
101	Mahesh, opp Anjaneya temple, Anjaneya layout, Davanagere.	9448520436	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Priority should be given for restoration work
102	Ravi , Joshap fast food, Near BIET college, Davanagre.	9448402072	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused
103	Sridhar, Near BIET Collage, Davanagere.	9535124339	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work to be completed on priority basis
104	G.B Lokesh, Hotel Jayanth, Near BIET College, Davanagere.	9844164673	Construction of OHT's and laying of water supply distribution pipe lines.	Yes	No	Satisfied with the proposed sub project implementation. Restoration work should be focused

Annexure-2 Ownership details of land

CITY CORPORATION, DAVANAGERE.

To

Managing Director
KUIDFC
Bangalore

Sir,

Subject: - All the Proposed OHT's & WTP land belongs to (ULB) Corporation.

All the proposed land for OHT's & WTP are in the name of Davanagere City Corporation;
hence this is to confirm that the following lands are under legal possession of ULB.

Locations of the proposed OHT's & WTP are given below:-

Sl No.	Sub Project Component	Name of the Location of OHTs	Nature of Site	Village	Door No	Ownership Status
1	OHT-1	DevrajUrs Layout	Existing OHT Tank & Remaining Place	Davanagere	#280	The Land Belongs to Davanagere City Corporation Property
2	OHT-2	SM Krishna Nagar	Existing OHT Tank & Remaining Place	Davanagere	#842*
3	OHT-3	Yaragunta	Existing OHT Tank & Remaining Place	Yaragunta	#160/33*
4	OHT-4	Basaveshwara Nagar (Vellamma Nagar)	Existing OHT Tank & Remaining Place	Davanagere	#1924/202*
5	OHT-5	Shamanur(Hosakundu wada)	Existing OHT Tank & Remaining Place	Hosakundu wada	504/2*
6	OHT-6	Avaragere	Existing OHT Tank & Remaining Place	Davanagere	#283*
7	OHT-7	Avaragere (Anjaneya layout)	Near Existing OHT & Vacant Place	Davanagere	#322/3241*
8	OHT-8	Subramanya Nagar (Sriram Nagar)	Existing OHT Tank & Remaining Place	Avaragere	#213/161*
9	OHT-9	Basha Nagar	Existing OHT Tank & Remaining Place	Davanagere	#3125/400/2*
10	OHT-10	Azad Nagar	Existing OHT Tank & Remaining Place	Davanagere	#693*

11	OHT-11	Hondada Circle	Existing OHT Tank & Remaining Place	Davanagere	#636*
12	OHT-12	Taluk Office	Existing OHT Tank & Remaining Place	Davanagere	#191*
13	OHT-13	K.B.Extension	Existing OHT Tank & Remaining Park Place	Davanagere	#799*
14	OHT-14	Nituvalli	Existing OHT Tank & Remaining Park Place	Nituvalli	#1210/51*
15	OHT-15	DCM Lay Out	Park Place	Davanagere	#91/89/365A*
16	OHT-16	SSM Layout	SSM Nagar Adjasad Masjid Area Vacant Place	Davanagere	#723/38*
17	OHT-17	Karur	Industrial Area & Vacant Place	Karur	# 62*
18	OHT-18	P.J. Layout Sir M.Vivekshwari Park	Existing OHT Tank & Remaining Park Place	Davanagere	# 348*
19	WTP	TV Station(40 MLD WTP)	Existing Pump House & OHT Remaining Open Place	Davanagere	#1675*


 Commissioner,
 City Corporation, Davanagere.

Date: 17-10-2014
 Place: Davanagere.

ANNEXURE 3:
SAMPLE GRIEVANCE REGISTRATION FORM
 (To be available in Kannada & English)

The _____ Project welcomes complaints, suggestions, queries, and comments regarding project implementation. We encourage persons with grievance to provide their name and contact information to enable us to get in touch with you for clarification and feedback.

Should you choose to include your personal details but want that information to remain confidential, please inform us by writing/typing *(CONFIDENTIAL)* above your name.

Thank you.

Date		Place of Registration			
	Contact Information/Personal Details				
Name		Gender	* Male	Age	
			* Female		
Home					
Address					
Village/Town					
District					
Phone no.					
E-mail					
Complaint/Suggestion/Comment/Question – Please provide the details (who, what, where, and how) of your grievance below:					
If included as attachment/note/letter, please tick here:					
How do you want us to reach you for feedback or update on your comment/grievance?					

FOR OFFICIAL USE ONLY

Registered by: (Name of Official Registering Grievance)	
Mode of Communication:	
Note/Letter	
E-mail	
Verbal/Telephonic	
Reviewed by: (Names/Positions of Officials Reviewing Grievance)	
Action Taken:	
Whether Action Taken Disclosed:	
Means of Disclosure:	