

# Resettlement Plan

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IND: Karnataka Integrated Urban Water Management  
Investment Program (Tranche 2) – Replacement of  
Old Sewerage Pumping Main for Mangalore City

Package No: 02MNG02



## **CURRENCY EQUIVALENTS**

(As of 15 March 2020)

Currency Unit = Indian rupee (₹)

₹1.00 = \$0.014

\$1.00 = ₹71.00

## **ABBREVIATIONS**

ADB	—	Asian Development Bank
CAPRRC	—	community awareness, participation, rehabilitation and resettlement consultant
DLIC	—	District Level Investment Committee
GRC	—	grievance redress committee
IWRM	—	integrated water resource management
KUIDFC	—	Karnataka Urban Infrastructure Development and Finance Corporation
PIU	—	project implementation unit
PMDSC	—	project management construction and design supervision consultant
PMU	—	project management unit
RPMU	—	regional project management unit
ROW	—	right-of-way
RFCTLARR	—	Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement,
SDO	—	social development officer
SPS	—	Safeguard Policy Statement
STP	—	sewage treatment plant
ULB	—	urban local body

## **NOTE**

In this report, "\$" refers to United States dollars.

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## EXECUTIVE SUMMARY

The Karnataka Integrated Urban Water Management Investment Program (KIUWMIP, the Program) was initiated by the Asian Development Bank (ADB) with the Government of India on 30 December 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 second phase of KUIWMIP will be used to expand and upgrade water supply and sanitation infrastructure in the four coastal towns of Kundapura, Mangalore, Udupi and Puttur. The project also involves improving water resource planning, monitoring, and service delivery. The four towns have been selected based on (i) IWRM improvement impact on the state's water resources, (ii) urban local bodies (ULBs) reform willingness, (iii) the state's priorities, and (iv) infrastructure gaps.

Mangalore is the largest urban centre of coastal Karnataka and the fourth largest city in Karnataka in terms of area and population. The municipality covers an area of 132.45 square kilometers (km<sup>2</sup>) and is divided into 60 wards. It is located about 350 kilometers (km) west of the state capital, Bangalore.

This resettlement plan is prepared for the replacement of the pumping main component of the sewerage system of Mangalore proposed as part of Project 2 of KIUWMIP. This proposed subproject for Mangalore city involves the replacement of the old pumping mains of zone 3, zone-4, zone-6 and zone 7 of the seven drainage zones of the city. Sewer networks in these old areas are choked and frequently overflow, sewage is leaking and many of the laterite stone manholes have collapsed. Due to the growth of the city in the past, the existing sewer network does not have carriage capacity to cope with the current load. The following pipes are proposed for upgrading:

- (i) 1,100 millimeters (mm) dia ductile iron K9 class pipe pumping mains (7.65 km) from wet well No-3, Kudroli to sewage treatment plant (STP) at Kavoov, all along the road;
- (ii) 900 mm dia ductile iron K9 class pipe pumping mains (0.95 km) From wet well No-4, Kandathpalli to wetwell No-3, Kudroli all along the road;
- (iii) 450 mm dia ductile iron K9 class pipe pumping mains for 1.7 km from wet well No-6, Mulihitlu to Ridge Manhole near Morgans gate all along road; and
- (iv) 450 mm dia ductile iron K9 class pipe pumping mains for 1.10 km from wet well No-7, Jeppu Bappal to Ridge Manhole near Yekkur, inside old STP.

**Resettlement Plan.** This updated resettlement plan identifies potential involuntary resettlement impacts based on the detailed project report (DPR) for replacement of old sewerage pumping main for Mangalore city. It is prepared in accordance with ADB's Safeguard Policy Statement (SPS) 2009, and applicable Government of India law, the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013. The resettlement plan has been updated based on detailed measurement survey prior to start of construction and ADB's approval obtained. The resettlement plans will be disclosed to affected persons and other stakeholders.

**Scope of Land Acquisition and Resettlement.** Joint site visits were conducted by the resettlement specialist and design engineer of the consultant team between 20 November 2016 and 10 December 2016 along the alignment of the project. The site visits confirmed that the pumping main alignment is proposed along existing public right-of-way (ROW) of city roads.. A total of 68 shopkeepers were identified as likely to face temporary loss of income for 15 days during the construction period. Reverification of the data in a detailed measurement survey in Feb 2020 indicated that 61 persons would face temporary loss of income for 2-3 days along the alignment. Facilities for pedestrian movement will be provided, and impact will be minimized through the implementation of traffic management plans and simple mitigation measures such as provision of access planks and barricading for safety. Bharat Beedi has agreed to allow the pipeline to pass through their site without ownership transfer. Details of donation such as Bharat Beedi's agreement with Mangalore City Corporation specifying the terms of donation and a third-Party Report will be submitted as part of the upcoming SSMR. No involuntary private land acquisition is envisaged.

In case any of the assessed impacts are possible to avoid during civil works, no compensation needs to be paid. Any such avoided impacts will be carefully documented with photographic evidence during construction and consultations with persons assessed as affected in this resettlement plan, to confirm impact avoidance. Details of any impact avoidance will be presented in the SSMR.

**Categorization.** This subproject is classified as Category 'B' in accordance with ADB SPS, 2009.

**Consultation and Disclosure.** Goals and objectives of the project have been disclosed to stakeholders (including, beneficiaries, affected persons, elected representatives and institutional stakeholders) through consultation meetings and focus group discussions. A program of continuous consultation and disclosure is underway.

**Resettlement Budget.** The cost of all resettlement activities will be an integral part of the overall project cost, which will be borne by the project. The resettlement cost estimate in the updated resettlement plan for the proposed subproject package is \$17,600

**Monitoring and Reporting.** The social development officer (SDO) at the project management unit (PMU) will confirm and update the resettlement plan. The safeguards officer of the regional project management unit (RPMU) will be responsible for regular monitoring. The PMU will prepare monitoring reports on construction progress, resettlement plan implementation and identifying potential problems. Monitoring reports will contain resettlement compliance and will be submitted to ADB on a half yearly basis.



## **I. PROJECT BACKGROUND**

### **A. Introduction**

1. Asian Development Bank (ADB) is helping the Indian state of Karnataka improve water resources management in selected urban areas of the Upper Tungabhadra 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 deteriorate, and water resource disputes will escalate.

2. Project 1 of the Karnataka Integrated Urban Water Management Investment Program (KIUWMIP) was initiated by the ADB with the Government of India on 30 December 2014 with the aim 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 has been 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. Project 2 will comprise four water supply subprojects (Kundapura, Mangalore, Udupi and Puttur) and one sewerage subproject (Mangalore). This updated resettlement plan is prepared for the replacement of the pumping main component of the sewerage system of Mangalore proposed as part of Project 2 of KIUWMIP, at detailed design stage. The resettlement plan is prepared based on ADB's Safeguard Policy Statement (SPS), 2009, and the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Act 30 of 2013), and the agreed resettlement framework.

### **B. Scope of this Report**

3. The existing sewerage system was designed in 1961 for a total flow of 27.04 million liters per day (MLD) to cater to a population of 200,000 till 1991. The total length of sewerage network constructed was about 250 kilometers (km) with pipe dia. varying from 150 millimeters (mm) to 600 mm. Sewers are made of stoneware and reinforced cement concrete (RCC) pipes. There are about 7,000 manholes and eight wet well-cum-pump houses in the system. From 1974, the sewerage system was extended within the city area by 245 km with 8000 manholes. In 2007, the sewerage system was upgraded for a flow of 88.75 MLD for a population of 624,432. The total length of the sewerage network constructed was about 360 km including 14,875 manholes with pipe dia. varying from 150 mm to 900 mm. However, at present, due to insufficient carrying capacity of the existing pumping main, the full quantity of sewage is not pumped to the sewage treatment plant (STP). Sewage flows into a natural nala (drain), bypassing the STP.

4. The subproject components include the replacement of the old pumping mains of zone 3, zone-4, zone-6 and zone 7, out of the seven drainage zones of the city. Five zones are currently being drained into the Gurupura River basin and the other two to the Nethravathi River basin. Sewer networks in these old areas are choked and frequently overflow at many locations. Manholes are punctured leading to flow of sewage towards the natural nala. Laterite stone manholes have also collapsed at many places. Due to growth of the city over the past few

years, the existing sewer networks do not have adequate carriage capacity. They are proposed to be replaced with the following pipes:

- (i) 1,100 mm dia ductile iron K9 class pipe pumping main (7.65 km) wet well No-3, Kudroli to STP at Kavoor, all along the road.
- (ii) 900 mm dia ductile iron K9 class pipe pumping main (0.95 km) from wet well No4, Kandathpalli to Wetwell No-3, Kudroli, all along the road.
- (iii) 450 mm dia ductile iron K9 class pipe pumping main for a total length of 1.7 km from wet well No-6, Mulihitlu to Ridge Manhole near Morgans Gate, all along road.
- (iv) 450 mm dia ductile iron K9 class pipe Pumping Main for a total length of 1.10 km from wet well No-7, Jeppu Bappal to ridge manhole near Yekkur, inside old STP.

5. The subproject for the pumping main for sewerage for Mangalore is classified as “Category B” for involuntary resettlement impact as per ADB SPS, 2009.

6. This resettlement plan has been updated based on the final detailed design and DMS/census surveys for the subproject components and the agreed resettlement framework, which is based on ADB’s Safeguard Policy Statement 2009, and provisions of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act (also the Land Acquisition Act), Government of India, 2013. This report describes findings and provides copies of available land-related documents, public consultations and photographs.

7. The resettlement plan will be submitted to ADB and a ‘no objection’ confirmation will be sought from ADB prior to start of construction under the subproject.

### **C. Geographic Information of Mangalore**

8. Mangalore is the Headquarters of the Dakshina Kannada District of Karnataka in Southern India. It is the fourth largest city in Karnataka and is located about 350 km west of the state capital, Bangalore. Mangalore is situated on the west coast of India, and is bounded by the Arabian Sea to its west and the Western Ghats to its east. The municipality covers an area of 132.45 square kilometers (km<sup>2</sup>) and is divided into 60 wards. The topography of the city is both plain and undulating with four hilly regions with natural valleys within the city.

9. **Climate.** Mangalore has a tropical monsoon climate and is under the direct influence of the southwest monsoon. It receives about 95% of its total annual rainfall within a period of about six months from May to October, while remaining extremely dry from December to March. The annual precipitation in Mangalore is 3,796.9 mm.

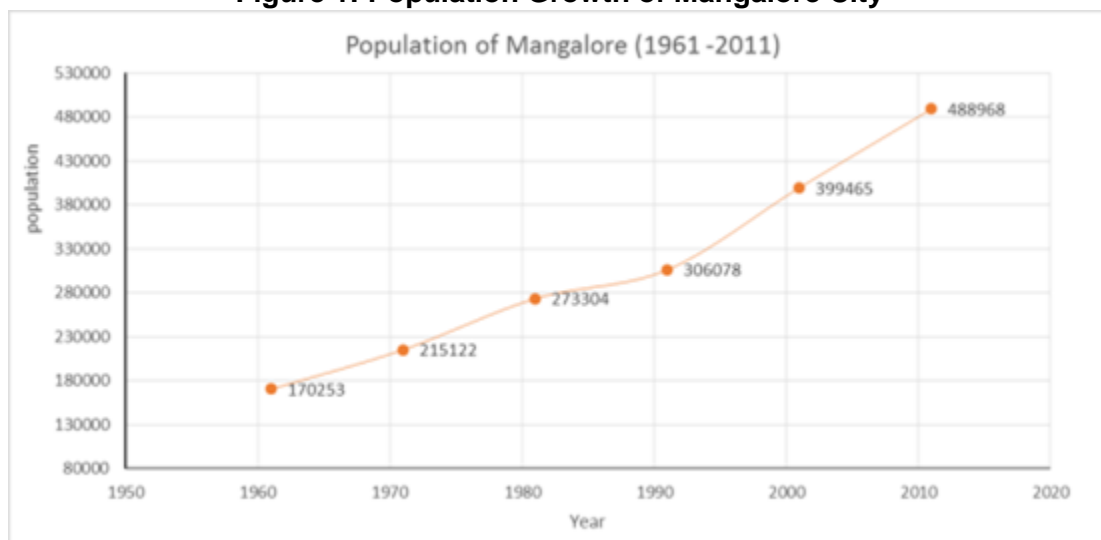
### **D. Demographic Information of Mangalore**

10. The population of Mangalore according to the Census 2011 is 488,968. Based on the tables below, the population has been steadily growing and in recent years, has stabilized at an average annual growth rate of 2.25%.

**Table 1: Population and Growth Rate for Mangalore City**

Year	1961	1971	1981	1991	2001	2011
Population	170,253	215,122	273,304	306,078	399,465	488,968
Population growth rate (%)		2.63	2.70	1.19	3.05	2.24

Source: Census, 2011.

**Figure 1: Population Growth of Mangalore City**

Source: Census, 2011.

## II. PROPOSED SUBPROJECT COMPONENTS

11. The table below presents details of proposed subproject components.

**Table 2: Subproject Components**

Subproject Component	Background	Proposed Works
Pumping main	The sewage from zone 3, 4 and 5 is collected in wet well 3 located at Kudroli. Total area of zone 3 is 9.52 square kilometers (km <sup>2</sup> ) with projected population of 152,449 with sewage generation of 16.46 million liters per day (MLD) for 2046.	1,100 millimeters (mm) dia ductile iron K9 class pipe from wet well No-3, Kudroli to 43.5 MLD sewage treatment plant (STP) at Kavoor for 7,650 meters (m)
Pumping main	The sewage from zones 4 and 5 is collected in wet well four located at Kandathpalli. Total area of zone 4 is 1.71 km <sup>2</sup> with projected population of 25,061 with sewage generation of 3.38 MLD for 2046.	900 mm dia ductile iron K9 class pipe from wet well 4, Kanadathpalli to wet well 3, Kudroli for 950 m

Pumping main	The sewage from zone 6 is collected in wet well 6 located at Mulihitlu. Total area of zone 6 is 1.31 km <sup>2</sup> with projected population of 25,739 with sewage generation of 3.47 MLD for 2046.	450 mm dia ductile iron K9 class pipe from wet well No-6, Mulihitlu to Ridge Manhole near Morgans gate for 1700 m.
Pumping main	The sewage from zone 7 is collected in wet well 7 located at Jeppu Bappal. Total area of zone 7 is 1.33 km <sup>2</sup> with projected population of 25,041 with sewage generation of 3.38 MLD for 2046	450 mm dia DI K9 class pipe from wet well No-7, Jeppu Bappal to Ridge Manhole inside premises of old STP at Ekkur for 1,100 m.

12. Pumping mains of 1100 mm dia, 900 mm dia and 450 mm dia have been proposed all along the existing roads within the city, belonging to Mangalore City Corporation. All these roads have existing gravity sewers, existing pumping mains, electrical poles, transformers, water supply lines, house service connections, abutting compound walls, road side drains and cross culverts. While laying new pumping mains on these roads, it is possible that due to the high-water table of the area and the upkeep of the older pipelines, the existing utilities may collapse. Hence, it is recommended that along with the laying of pumping mains, the shifting of utilities, and the reconstruction of sewer lines, manholes, water supply lines, and house service connections is also undertaken.

13. A section of the pipe from wet well 4, Kanadathpalli to wet well 3, Kudroli is passing through a private site belonging to Bharat Beedi Works. Bharat Beedi has agreed to allow pipelaying through the property voluntarily, without a change in land ownership. The No Objection letter from Bharat Beedi / agreement reached with Mangalore City Corporation and a third party certification will be submitted with the next SSMR.

### III. SCOPE OF LAND ACQUISITION AND RESETTLEMENT

#### A. Main Findings

14. A joint site visit was conducted by the resettlement specialist and design engineer of the consultant team between 20 November 2016 and 10 December 2016 along the alignment of the project city. The site visit confirmed that the pumping main alignment is proposed within the existing (public right-of-way) of city roads. A total of 68 shopkeepers were initially identified in the draft resettlement plan as likely to face temporary loss of income for a period of 15 days each. Facilities for pedestrian movement would be provided and impact minimized through the implementation of traffic management plans and simple mitigation measures such as provision of access planks and barricading for safety. Reverification of the data in a detailed measurement survey was conducted in February 2020. The joint site visits and surveys assessed temporary economic impact to 61 persons for a period of 2-3 days along the alignment. Bharat Beedi Works (an industrial establishment) has agreed to allow the pipeline to pass through their site, without transfer of ownership to Mangalore City Corporation. Details of the affected persons, agreement reached between Bharat Beedi and Mangalore City Corporation mentioning agreed conditions (permission to lay pipe without ownership transfer, and continued access to Mangalore City Corporation for future repairs and maintenance etc.), along with a third party certification for the Bharat Beedi Works site will be submitted as part of the next SSMR. No other land acquisition is



envisaged. The figure below shows the main alignments of the pipelines (details by zone are presented in Appendix 2).

**Table 3: Pumping Main Details and Involuntary Resettlement Impact**

No	Location		Material	Length (m)	Trench Width	Economical Pipe Dia (mm)	Road width (m)	Ownership	Involuntary Resettlement Impact
	From	To							
1	WW-3	Kavoor Sewage Treatment Plant	DI-K9	7650	1.8	1100	4	Right-of way (ROW)/ urban local body (ULB)	Temporary economic impact to 24 shops anticipated along Kudroli to Kuntikana. Land donated by Bharat Beedi Works for pipeline to run through property <sup>1</sup> .
2	WW-4	WW-3	DI-K9	950	1.6	900	4	ROW/ ULB	Temporary economic impact to 05 shops anticipated in WW 4 Kandathpalli to Kudroli; 05 shops along Ashok Nagar Road to Urva Store Junction; 02 at Urva stores; 05 at Mulhithlu and 20 shops along the Kavoor to Kuntikana Flyover.
3	WW-6	RMH	DI-K9	1700	1.1	450	4	ROW/ ULB	None
4	WW-7	RMH	DI-K9	1100	1.1	450	4	ROW/ ULB	None.

## **B. Temporary Impact**

15. The joint site visits and surveys assessed temporary economic impact to 61 shopkeepers. These small business enterprises are located in the (i) Kandathpalli wet well to Kudroli (wet well No. 4 to 3), (ii) Kudroli wet well to Mullakadu - Kavoor STP (wet well 3 to Mullakadu STP), (iii) Urva market - Ashok Nagar Road junction, and (iv) the Mulihithlu road areas. One woman-headed household was identified in the subproject. No indigenous peoples were identified among the affected persons.

16. Most of the pumping main alignment is proposed along road widths above 5 m (see photographs of the proposed alignments with details of road widths in Appendix 3). At any given point in time, trenching for the pumping main will be along one stretch of the road. This will minimize disruptions and impacts. Some traffic movement may be restricted during the

<sup>1</sup> Details of the agreement reached with Bharat Beedi mentioning permission to lay pipeline without land ownership transfer and permission to Mangalore City Corporation for continued access for repairs and maintenance, and Third Party Report for the donation will be attached in the upcoming SSMR.

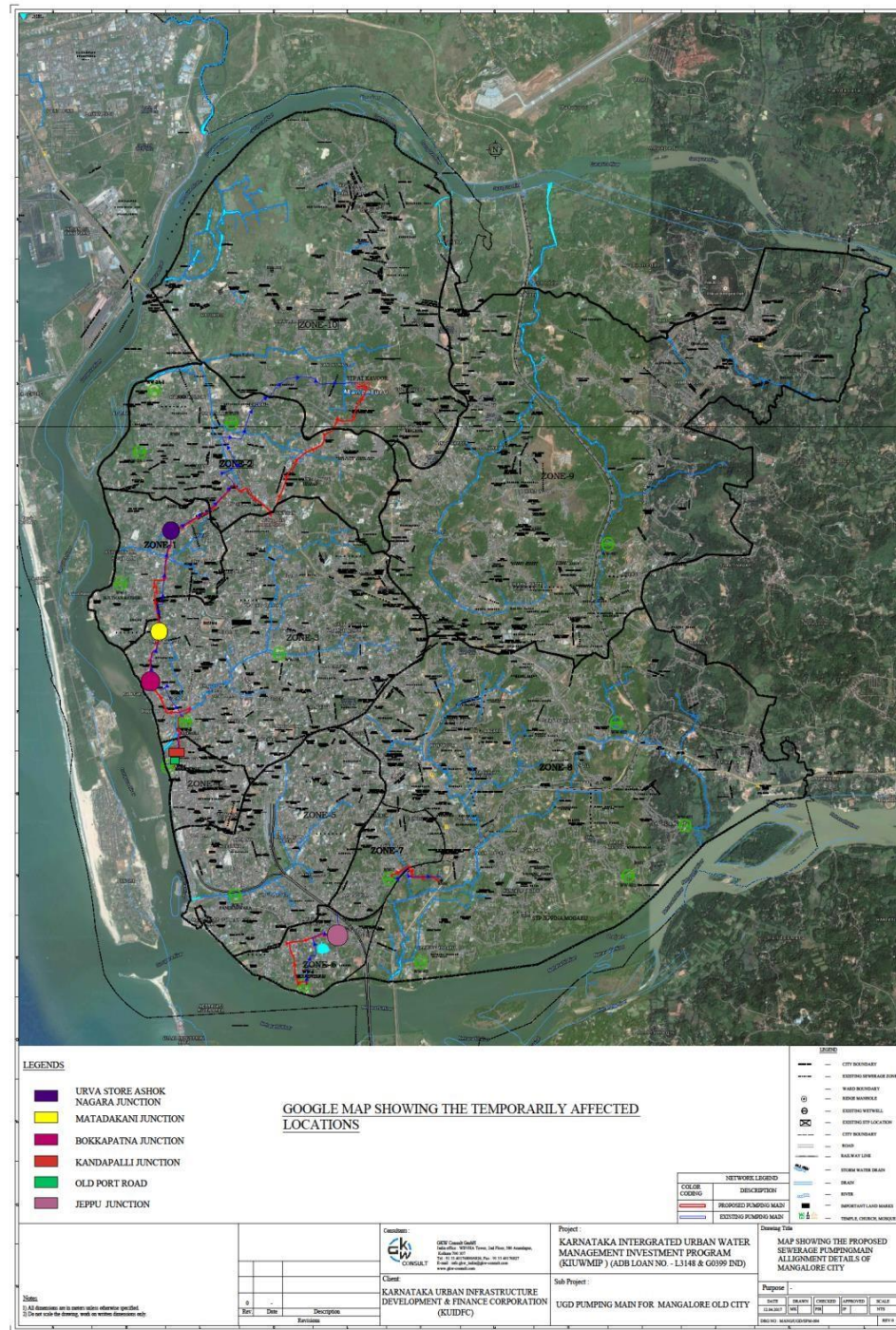
construction period. Facilities (planking etc.) for pedestrian movement will be provided. Affected hawkers and vendors will be assisted by the contractor to move to the other side of the road and returned after construction is completed. Where they are not required to shift, access will be ensured by the contractor and community awareness, participation, rehabilitation and resettlement consultant (CAPRRC). The construction period will be minimized and is estimated to be fifteen days per section of work. Other mitigation efforts will include (i) guarding open pits against safety hazards, managing traffic flows as per the traffic management plan prepared by the contractor in coordination with local authorities and communities; and (ii) conducting major portion of the works particularly in commercial areas at night, etc. Contact numbers of concerned local officials will be provided at work sites, so that the public can reach out for timely resolution of any issues that arise during implementation. The contractor along with the PIU will document any unanticipated impacts of the project. They will provide photographic evidence of access (planks) for the shops and signage during the construction period.

17. In case any of the assessed impacts are possible to avoid during civil works, no compensation needs to be paid. Any such avoided impacts will be carefully documented with photographic evidence during construction and consultations with persons assessed as affected in this RP, to confirm impact avoidance. Details of any impact avoidance will be presented in the SSMR.





Figure 3: Google Map showing Temporarily Affected Locations<sup>2</sup>



Source: Google Maps.

<sup>2</sup>This google map identifies the temporarily affected locations of Urva Store, Ashok Nagara Junction, Matadakani Junction, Bokkapatna Junction, Kandapalli, Old Port Road, and Jeppu Junction.

18. The following mitigation measures are proposed to avoid and/or reduce temporary impacts to businesses during linear pipe laying works:

- (i) Provision of advance notice to businesses to shift their merchandise, vending items, and mobile shops at least 30 days prior to construction work;
- (ii) Conducting door-to-door awareness campaign with the support of the CAPRRC;
- (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) Limiting the time period for open trenches;
- (vii) Completing works quickly where large numbers of businesses are located;
- (viii) Avoiding full street closure to the extent possible;
- (ix) Providing employment opportunities to the displaced persons during construction works, especially vulnerable affected persons, as necessary;
- (x) Placing telephone hotlines on signage in visible areas to enable contact in case of emergency;
- (xi) Making the community fully aware of the grievance redress mechanism;
- (xii) Providing contact numbers of responsible persons in the RPMU and urban local body (ULB) offices; and
- (xiii) Assistance to vendors and hawkers to shift to nearby locations and helping in shifting back and/or resumption of their business early.<sup>3</sup>

### **C. Impact in Low Lying Area**

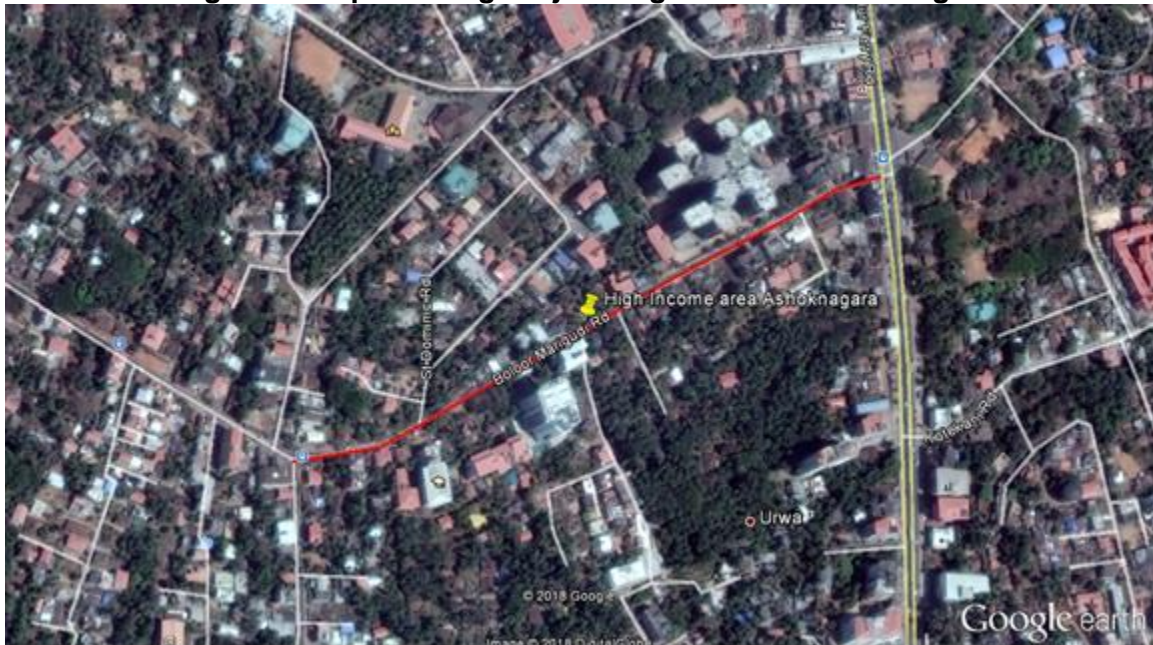
19. The affluent locality of Ashok Nagar (see map below with alignment) included under the subproject, is a low-lying area. This alignment consists of 1,100 mm and 900 mm dia pipelines along 2 km of a narrow road. The area has a high water-table and collapsible sandy soil, and faces potential temporary impacts (access disruptions) due to these physical conditions. Access disruptions will have to be managed through close monitoring of the contractor's work in the area and following a strict protocol during construction as described below.

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<sup>3</sup> Shifting assistance will be provided to the displaced persons if required to move. 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.



**Figure 4: Map showing Project Alignment in Ashok Nagar**



Source: Google Earth.



Ashok Nagara Main Road,  
Road width 3.8 m; Dia of pipe 1100 mm dia DI K9 class



Stakeholder Interactions in Ashoka Nagara Main Road

20. To deal with the situation in Ashoka Nagara, the following technical solutions are being considered. These include:

- (i) Excavation will be conducted only for small stretches at any time e.g., 6 meters (m) at a time. Pipes will be laid one at a time and the trench will be back filled immediately. The excavation for the second pipe length will be conducted only after the first back fill is completed. This procedure will be repeated along the entire narrow stretch. As it will be possible to lay only a few pipes in a day, the 2 km stretch may require 45 days to complete.
- (ii) To control the high water-table in the area, 'well point type dewatering' will be considered. This will lower the water table quickly and make the working area dry. High capacity electric/diesel pumps are used for dewatering. At any time, a 70 m stretch will be dry. One or two pipes will be laid, and the trench will be immediately backfilled.
- (iii) In the stretches with collapsible soil, the sides will be protected with trench sheet piling which will prevent the collapse of the road.
- (iv) To prevent the collapse of the existing sewer line along the alignment, the sewer line may be bypassed. Submersible pumps will be placed on upstream manholes to pump sewage into the next two or three downstream manholes. In this way, the collapse of live lines will not affect sewage flow in the area; and
- (v) During finalization of work program, work will be executed only in night time so that access disruptions can be completely avoided.

21. Discussions have been held with locals to appraise them of the project, the alignment passing through the area, the issue of the low-lying area and how technology will minimize the impact of the project. The Inception Mission for Tranche 2 of the project was conducted between April 8<sup>th</sup> and 12<sup>th</sup>, 2019 and the team observed that both safety and social safeguard standards need to be improved. An on-job training was organized for the PMU, contractor representatives and other consultants of the project immediately to remedy the situation. Details are presented in the SSMR.

#### **IV. SOCIOECONOMIC INFORMATION AND PROFILE**

22. The joint site verification by design engineer and resettlement specialist during April 2017 indicated that there would be minimal impact on the communities of Mangalore during the construction the Pumping Main subproject. There would be some travel restrictions, but these would be handled through traffic management plans to minimize disruptions and impacts on business and residents. No permanent impact was envisaged as a result of the proposed subproject components.

23. The Draft Resettlement Plan of May 2018 had identified 68 shopkeepers as potentially affected persons for a period of 15 days each. The Detailed Measurement Survey and reverification in February 2020 has identified a total of 61 shops as temporarily affected by the subproject. Of the 47 shops earlier identified along the WW3- Kavour alignment in the draft RP, 18 were not assessed to be affected in the DMS; 4 of the original 16 were not assessed to be affected along the WW4-WW3 alignment (Urva Store Junction, Ashok Nagara, Mulhithlu) and 15 new shops were assessed as affected along the Kuntikana flyover to Kavour STP alignment due to a change in alignment. Details of all the affected persons are presented in Appendix 6. The list of affected persons is available at the RPMU office.

24. The socio-economic details of the 61 temporarily affected persons are presented below

**Table 4: Business Type of Affected Persons (N=61)**

<b>Business Type</b>	<b>No. of Affected Persons (%)</b>
1. Restaurant and food supply	8 (13%)
2. Mechanical and engineering shops	5 (8%)
3. Business Offices and General Trading	17 (28%)
4. Automobiles and vehicle works	5 (8%)
5. Tailoring	4 (7%)
6. Beauty Parlour	2 (3%)
7. Retail	8 (13%)
8. Other Services	2 (3%)
9. Closed <sup>4</sup>	10 (16%)
<b>Total</b>	<b>61 (100%)</b>

Source: Socio-economic survey of temporarily affected persons, Feb 2020.

**Table 5: Household Size of Temporarily Affected Persons (N=61)**

<b>No. of Household Members</b>	<b>No. Households (%)</b>
1. 1-4 persons	27 (44%)
2. 5-8 persons	16 (26%)
3. 9- 13 persons	3 (5%)
4. Not reported	5 (9%)
5. Closed	10 (16%)
<b>Total</b>	<b>61 (100%)</b>

Source: Socio-economic survey of temporarily affected persons, Feb 2020.

**Table 6: Age of Affected Persons (yrs.) (N=61)**

<b>Age group</b>	<b>No. Affected Persons (%)</b>
1. 20-29	2 (3%)
2. 30-39	10 (16%)
3. 40-49	16 (26%)
4. 50-59	11 (18%)
5. 60-69	7 (11%)
6. Over 70	2 (3%)
7. Not reported	3 (5%)
8 Closed	10 (16%)
<b>Total</b>	<b>61 (100%)</b>

Source: Socio-economic survey of temporarily affected persons, Feb 2020.

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<sup>4</sup> 10 of these 61 shops were shut during the period of survey. However, on consultation with neighbouring shops, their closure was determined as not permanent and they are therefore considered affected. Some AP's did not disclose details during the survey



**Table 7: Type of Family of the Affected Persons (N=61)**

Type of Family	No. (%)
Nuclear Family	27 (44%)
Joint Family	19 (31%)
Not Reported	5 (8%)
Closed	10 (16%)
<b>Total</b>	<b>61 (100%)</b>

Source: Socio-economic survey of temporarily affected persons, Feb 2020.

**Table 8: Religious affiliation of Affected Persons (N=61)**

Religion	No. of Affected Persons (%)
Hindu	33 (54%)
Muslim	11 (18%)
Christian	5 (8%)
Not reported/ closed	2 (4%)
Closed	10 (16%)
<b>Total</b>	<b>61 (100%)</b>

Source: Socio-economic survey of temporarily affected persons, Feb 2020.

**Table 9: Educational status of the temporarily affected persons (N=61)**

Educational status	No. of shop keepers (%)
1. Illiterate	1 (2%)
2. Primary (completed class 4)	3 (5%)
3. Secondary/ Middle (classes 5-9)	10 (16%)
4. SSLC (completed class 10)	15 (25 %)
5. PUC (completed class 12)	11 (18%)
6. Vocational degree	1 (2 %)
7. College Degree	10 (16%)
8. Closed	10 (16%)
<b>Total</b>	<b>61 (100%)</b>

Source: Socio-economic survey of temporarily affected persons, Feb 2020.

**Table 10: Social Groups of Affected Persons (N=61)**

Social Group	No. of Sample Affected Persons (%)
1. Scheduled caste	0 (0%)
2. Scheduled tribe	0 (0%)
3. Other Backward Caste	11 (18 %)
4. Other castes or communities	37 (61%)
5. Not reported	3 (5%)
6. Closed	10 (16%)
<b>Total</b>	<b>61 (100%)</b>

Source: Socio-economic survey of temporarily affected persons, Feb 2020.

**Table 11: No. of dependents of Temporarily Affected Persons (N=61)**

<b>No. of dependents</b>	<b>Households (%)</b>
1	1 (2%)
2	14 (23%)
3	13 (21%)
4	13 (21%)
5	1 (2%)
6	1 (2%)
7-12	4 (7%)
Not reported	4 (7%)
Closed	10 (16%)
<b>Total households</b>	<b>61 (100%)</b>

Source: Socio-economic survey of temporarily affected persons, Feb 2020.

Note: A lakh = 100,000.

25. Results of the socioeconomic survey of affected persons are summarized below:

- (i) Most affected persons are Hindu (54%);
- (ii) 44% of the affected persons have nuclear families; 44% of affected persons had households of 1-4 persons; most (65%) have 2-4 dependants;
- (iii) 26% of the affected persons are in the 40-49 age group followed by 18% in the 50-59 age group;
- (iv) The largest number of affected persons (25%) have SSLC degrees (completed class 10) followed by 18% having completed PUC (class 12);
- (v) The largest number of affected persons (28%) are associated with business and general trading;
- (vi) Only two of the shop owners possess BPL (Below Poverty Line) cards;
- (vii) 18% affected persons self-identified as other backward castes<sup>5</sup> (OBC) or other communities; none belong to scheduled castes and tribes;
- (viii) Only one household is a woman-headed household. Three other affected persons are women but they are all married with families and their husbands head the households;
- (ix) There are no persons with disabilities in the subproject;
- (x) Vulnerable<sup>6</sup> households will be given priority in employment in the project construction activities.

<sup>5</sup> Socially and educationally backward classes other than scheduled castes and scheduled tribes.

<sup>6</sup> Vulnerable groups in the context of Karnataka are defined as those below the poverty line (BPL), women-headed households, those belonging to the scheduled castes and scheduled tribes, landless and those without legal title, elderly, women and children, persons with disabilities and out-of-school/working children and orphaned children. The Planning Commission determined the poverty line in Karnataka (reference year 2011-2012) as a per capita monthly income of ₹975.43 in rural areas and ₹1,373.28 in urban areas. Based on annual inflation rates for Karnataka (Finance Department, Government of Karnataka, Medium Term Fiscal Plans), the per capita monthly income for rural areas for 2016-2017 are estimated as ₹1,438 while that in urban areas as ₹2,081. The updated per capita income for 2018-19 is Rs 1,583 for rural and Rs 2,230 for urban areas in Karnataka

26. Details of the subproject components were shared with all the affected shopkeepers. The affected shopkeepers indicated that they are willing to support the project. They also indicated that planks should be provided for the customers to access their shops during the construction period. They were told that appropriate assess would be provided to them during to the construction. The resettlement budget identifies compensation at replacement cost for the affected shopkeepers. This updated resettlement plan provides for net income loss based on the DMS/census surveys. Details of the affected persons and compensation will be disclosed in the next SSMR.

## **V. FIELD WORK AND PUBLIC CONSULTATION**

27. Information dissemination and disclosure have been a continuous process since the beginning of the program. To provide for more transparency in planning and for further active involvement of affected persons and other stakeholders, project information is disseminated through disclosure of resettlement planning documents by ULB to the affected persons, community leaders, and people's representatives (in the local language). Public consultations are being carried out by the project implementation unit (PIU) of Mangalore to prioritize and finalize works under the program. A brief Public Information Disclosure (PID) leaflet containing project details, anticipated involuntary resettlement impact, entitlements, grievance redress mechanism and institutional arrangements (in Kannada) is being disseminated to the public through newspapers and by going door to door . The resettlement plan will be available at prominent government offices, ward offices and ULB offices and will be disclosed on ULB, KUIDFC and ADB websites.

26. The inventory/ detailed measurement survey and reverification of affected businesses was completed in Feb 2020 and is the cut-off date. The cut-off date will be formally announced in the affected areas by the PIU. During the resettlement plan implementation phase, details of procedural formalities for access to entitlement benefits will be further disclosed to the affected persons. The PIU at the ULB level and RPMU-PMU at Karnataka Urban Infrastructure Development and Finance Corporation (KUIDFC) will extend and expand the consultation and disclosure process during the project implementation stage.

28. A series of public consultations are planned throughout the duration of project (Public Consultation Action Plan). In Mangalore, over 32 public consultations have been held since 2015. Of these, twenty-four were held in 2019. While one was a Town Level Public Consultation, the rest were ward level consultations. Over 1350 stakeholders have attended these consultations. 266 (20%) of the attendees were women.

29. These Public Consultations have been supplemented by a series of discussions with stakeholders by the PMDCSC consultants. Between 6 and 8 December 2016, discussions were conducted with residents, shopkeepers, and vendors etc. along the alignment of the pumping mains to seek their feedback on the assessed temporary impacts of proposed civil work. Ward councillors were present during the discussion. Over 19 stakeholders, including five (26%) women, were consulted.

30. A list of the public consultations and discussions along the alignment are presented below.

Table 12: Public Consultations in Mangalore

Date of Meeting	Ward	Meeting location and time	Attendance	No of Women	Issues Raised	Responses and Resolution <sup>7</sup>
<b>Discussions with Stakeholders along the Alignment</b>						
Between 6 and 8 December 2016	(i) Hoigebazar, Bolar Ward, (ii) Bolar, Emmekere, Morgansgate ward; (iii) Derebail (S); (iv) Derebail (NE); (v) Mannagudda, Kudroli	Along the UGD Alignment	19	5 (26%)	(a) details of the subproject (b) inconvenience to access shops and residences during the construction period- proposed compensation, if any, and mitigation measures; (c) assistance for shifting to hawkers and vendors; (d) grievance redress mechanism (GRM) (e) entitlement matrix for KIUWMIP; (f) traffic management plan (g) completing works quickly where large numbers of businesses are located; (h) avoiding full street closure to the extent possible; and (i) providing employment opportunities to the displaced persons during construction, especially to vulnerable displaced persons.	Contact details of the responsible people in the ULB were provided and suggestions were requested. Details of the project were provided. Shopkeepers were assured that the project would not affect them adversely. Efforts would be made to provide access (through planks etc) to maintain their livelihoods. Temporary loss of income, if any, will be addressed in accordance with the project's resettlement framework. Shopkeepers were assured they would be shifted if needed; GRM and entitlement matrix were provided; traffic management was explained.
<b>Town Level Public Consultations</b>						
15.02. 2018	Town level stakeholder consultation	Mangalore Town Hall	118 included elected representatives such as the deputy mayor, member of legislative assembly, municipal officials,	12 (10%)	Question were asked regarding project details, the decision-making process, length of the project, cost of the project and loan interest details; the quality of works under the KUDCEMP project, the need to remedy that work and wastage of funds due to the poor quality of work	Project details (sub components, timeline, cost) and the decision making process were explained; assurances were provided that KUDCEMP issues would be avoided due to the O&M being managed by the contractor; businesses were assured that the project would not affect them adversely. Efforts would be made to provide access (through planks etc) to maintain their livelihoods. Temporary loss of income, if any, will be addressed in accordance with the project's resettlement framework.

<sup>7</sup> See Appendix 5 and Feb- July 2019 SSMR for details. Further responses will be updated in the next SSMR

Date of Meeting	Ward	Meeting location and time	Attendance	No of Women	Issues Raised	Responses and Resolution <sup>7</sup>
			general public, affected persons			Stakeholders expressed support for the project.
<b>Ward Level Public Consultations</b>						
22.02.2018	Bunder (Ward 44)	Bunder (3.00 PM)	51	4 (8%)	Citizens requested details of project, complained about water scarcity, water meters and inconvenience during construction.	Details of the project were provided and assurances were made to reduce inconvenience through construction.
17 .09.2018	Mulilith (ward 58)		28	1 (3%)	Citizens requested remedying the intermittent water supply and that road restoration be facilitated.	Assurances were made that the project would help reduce water shortages and that road restoration would be facilitated
18.09.2018	Nandigudda (ward 55)		12	0 (0%)	Citizens requested details of project, complained about water scarcity, water meters and inconvenience during construction.	Details of the project were provided and assurances were made to reduce inconvenience through construction
29.11.2018	Bolloor (Ward 27) Mannagudda (Ward 28)	Bolloor (11.00 AM)	22	3 (14%)	Citizens requested temporary planks along the alignment, replacement of old meters and extra precaution during construction.	Details of the project were provided and assurances were made to reduce inconvenience through construction; businesses were assured that the project would not affect them adversely. Efforts would be made to provide access (through planks etc) to maintain their livelihoods. Temporary loss of income, if any, will be addressed in accordance with the project's resettlement framework.
30.11.2018	Thiruvail (Ward 20)	Thiruvail (5.00 PM)	101	25 (25%)	Citizens requested details of project, improvement of the quality of meters and complained about the inconvenience to people.	Details of the project were provided and assurances were made to reduce inconvenience through construction
18.12.2018	Hoige bazaar (Ward 57)	Hoige bazar (8.30 PM)	28	4 (14%)	Citizens requested details of project, complained about water scarcity, the water meters and inconvenience during construction.	Details of the project were provided and assurances were made to reduce inconvenience through construction

Date of Meeting	Ward	Meeting location and time	Attendance	No of Women	Issues Raised	Responses and Resolution <sup>7</sup>
01.01.2019	Kudroli (Ward 43)	Urdu School Kudroli( 3 PM)	16	7 (44%)	Citizens requested detail of old UGD connection, identification of all encroachments, safety sign boards near the Urdu school and restoration of road damaged from the earlier project.	Assurances were made that signage would be provided and road restoration would be facilitated
07.02.2019	Chilimbri (Ward 24)	4 <sup>th</sup> Cross Parking of Bharati Heights Apartment at 10.30pm	30	5 (17%)	Citizens asked why the earlier 24/7 water supply project was not completed; wanted details of existing and proposed project details; disclosure of project status on official websites, why questions from earlier public consultations have not been incorporated into the plan; road restoration; types of pipes are being laid for the proposed water supply project; if the contractor is under supervision of Mangalore City Corporation; will pressure will be maintained in higher elevated areas and have steps been initiated to supply 24/7 water for 150 to 200 ft high elevated areas; will Mangalore City Corporation pay for the purchase and installation of water meters.	Details of the project were provided, links to the KUIDFC site were provided and assurances were made to reduce inconvenience through construction; that the contractor would be accessible to all stakeholders and that road restoration would be completed.
08-02-2019	Bengre, (Ward 60)	5.00 pm at Mogaveera Sabha Bhavana, Ferry Road, Rangamandira	57	0 (0%)	Citizens requested remedying the intermittent water supply (on alternative days); that road restoration be included; concessions on water supply connections for poor (this is a low income fishing community); mechanism for grievances for water tariffs; mechanism for grievances. .	Project details were provided. Assurances were made that the project would help reduce water shortages and that mechanisms for grievances exist
08-02-2019	Bengre, (Ward 60)	Maha vishnu Sheshashayana Bhajana Mandira	23	2 (9%)	remedy intermittent water supply on alternative days; is road restoration included in the project?; include concessions on water supply	Project details were provided. Assurances were made that the project would help reduce water shortages and that mechanisms for grievances exist

Date of Meeting	Ward	Meeting location and time	Attendance	No of Women	Issues Raised	Responses and Resolution <sup>7</sup>
		Sabha Bhavan, Mangaluru			connections for this poor fishing community; what is the mechanism for grievances regarding water tariffs; what is the mechanism to address grievances during project implementation?	The municipal corporation is informed of the issues relating to them.
14-02-2019	Kodialbail and Bejai (Ward 30 & 31)	at Bejai church mini hall at 4.30PM	28	2 (7%)	Citizens requested UGD provision for residents near Bejai Church; old UGD connection be repaired to stop leakages; provide UGD connections for 80 households currently without access; identify encroachments on the storm water drains; undertake UGD works near Kunthikana only in April /May 2019 to ensure safety of school children; safety sign boards in Kannada; road damage from earlier UGD works be repaired..	Details of the project were provided and assurances were made to reduce inconvenience through construction; provide signage, and road restoration
15-02-2019	Ward No 37 and 48- Maroli and Valencia	Krishna Gnana Mandir Temple at 6.30 PM	11	0 (0%)	Citizens revealed dissatisfaction with the quality of civil works under KUDCEMP; they were unhappy with the lack of a meeting agenda for the Public Consultation and with the logistics for the meeting. Most of the participants demanded a brief note on project components and details. Other feedback include the need for to connect the UGD line from Kottara Chowk to the high way; addressing the problem of illegal connections; addressing the intermittent supply of water; some areas receiving only raw water; ensuring quality material during the construction; avoiding damage to the existing pipelines; grievance redressal mechanism; display	Details of the project were provided and assurances were made to reduce inconvenience through construction; provide signage, and road restoration The municipal corporation is informed of the issues relating to them.



Date of Meeting	Ward	Meeting location and time	Attendance	No of Women	Issues Raised	Responses and Resolution <sup>7</sup>
					board with project details and name of the contractor.	
		Suryanaraya Temple at 4.30 PM	47	10 (21%)		
16-02- 2019	Ward No 5- Suratkal Area	Government Higher Primary School, Katipalla, at 2.00 PM	30	11 (37%)	Citizens requested information on continuous water supply during laying of the WS pipelines; whether interrupted power supply. will affect the 24x7 project; who will pay for the new water meters; how will customer's issues be addressed after water supply house service connections are connected; Project Display Boards; Grievance redressal mechanism.	Details of the project were provided and assurances were made to reduce inconvenience through construction; provide signage, and road restoration. The municipal corporation is informed of the issues relating to them.
17-02-2019	Ward No 59- Sutrpete	near Sutrpete Railway gate, Mangalore at 4.30pm	24	10 (42%)	Citizens demanded answers on the KUDCEMP project; asked for details on the current project, asked about road restoration and access to information about the project, asked about O&M and cost of water meters.	Details of the project were provided and assurances were made to reduce inconvenience through construction; provide signage, and road restoration. The consultants answered all questions on the KUDCEMP project. The municipal corporation is informed of the issues relating to them.
29.5.19	Bukkapatna (27&28)		44	7 (16%)	Comments included contractor should hire skilled workers like plumbers and electricians and better quality cement; restoration of damaged utilities; reduce delays in closing the pits; proper sign boards be displayed to avoid accidents and inconveniences to public; spot inspection should be carried out by KUIDFC Officials	Details of the project were provided and assurances were made to reduce inconvenience through construction; provide signage, and road restoration.
31.5.19	Ashoknagar (26)		62	03 (5%)	Damaged Manholes are not been restored after execution of pipe line works; complete the UGD pipeline works and restore the road	The municipal corporation is informed of the issues relating to them.

Date of Meeting	Ward	Meeting location and time	Attendance	No of Women	Issues Raised	Responses and Resolution <sup>7</sup>
					simultaneously; break the existing sewer PVC line across the culvert, divert sewer line from existing manhole to nalla through UPVC line behind the side walls of the culvert; connect the existing road side drains to nalla by opening in side walls of the culvert, raise culvert top slab level by 6 inches above from the existing road level, access for pedestrians needed	
3.6.19	Padeel (51)		67	16 (24%)	Comments included that officers regularly supervise the civil works, complete UGD works done under KUDCEMP 17 years ago; road restoration work, hire skilled workers like plumbers and electricians, pot holes should be properly closed and when construction/road restoration work is in progress, proper sign boards be displayed to avoid accidents and inconvenience to public	The municipal corporation is informed of the issues relating to them
3.6.19	Kavoor (18)		77	10 (13%)	1st stage of ADB project the UGD pipes laid and damaged at Kavoor –rectify; no UGD-HSC connections at Shivanagar; damage of the existing sewer lines- Kavoor lake is contaminated -no action has been taken so far in spite repeated reminders; lack of coordination between the city corporation and the officials of KUIDFC while implementing works; drainage being laid after concreting of roads- waste of public money; compulsory participation of corporation officials in the next meeting; In Kudroli the alignment of old line not followed and is proposed in busy road; complaints	The consultants answered all questions on the KUDCEMP project. The municipal corporation is informed of the issues relating to them.

Date of Meeting	Ward	Meeting location and time	Attendance	No of Women	Issues Raised	Responses and Resolution <sup>7</sup>
					made to Prime Minister's office- no reply; at Kavoor STP, trench open for a month -causes inconvenience to the public; provision for payment of water bill on line/bank like Mangalore One /Karnataka One -not functioning- rectify; timely implementation and regular public consultation of the project required; water and sewer lines and water lines interlinked in places- rectify; installation of name boards with details of the contractor, project cost, start and completion date at the public places; in low lying area, storm water flowing into houses- officials are not responding in spite of repeated requests; No coordination between various departments for project- why; sewer line constructed behind Satish Bar-overflowing the retaining wall to low lying areas- rectify; control the huge leakage of water; organize more public consultation meetings with MCC officials; provide prior notices regarding consultations.	
4.6.19	Velentia (48)		22	03 (14%)	effective and timely implementation of the pending works , restoration of road with proper repair of damaged utilities, KUDSEM UGD network not completed, causing contamination, illegal tap connections should be identified and disconnected immediately; information should be disseminated regularly	The consultants answered all questions on the KUDCEMP project The municipal corporation is informed of the issues relating to them
6.6.19	Jappinamogru(54)		58	25(43%)	Officials need to include missing links of UGD works of KUDCEMP; inclusion of	The consultants answered all questions on the KUDCEMP project. The

Date of Meeting	Ward	Meeting location and time	Attendance	No of Women	Issues Raised	Responses and Resolution <sup>7</sup>
					new UGD line for the ward- take to higher officials for approval	municipal corporation is informed of issues relevant to them
7.6.19	Konchadi(23)		43	15(35%)	Complaints against officials of the MCC for not participating in the meeting and not addressing infrastructure issues in spite of repeated reminders; non provision of UGD pipelines in Kottarachowki; precautionary measures UGD pipeline along the 50 meters stretch of Konchadi; will proposed UGD pipeline will be laid below the storm water drain; initiate rainwater harvesting methods for houses; in Mullakattu, the contractor has laid a tar road instead of concrete- rectify; no UGD connection for 50-60 households at Lohitnagar (Gullachilaka) Kuntikana Nikkelgudda- provide; details of officials in-charge, contractor and display contract details in prominent places; disseminate detailed project information to the public in the next meeting	The consultants answered all questions on the KUDCEMP project. The municipal corporation is informed of the issues relating to them
24.07.19	Bikampady (10)		32	02(6%)	Rectify the existing UGD system, open wells at Kudumbooru rehabilitation center have been contaminated; provision of UGD system in the proposed industrial area to maintain hygiene in the surrounding area.	The consultants answered all questions project. The municipal corporation is informed of the issues relating to them
26.07.19	Kulai (8)		30	03(1%)	Officials need to include the Missing links of UGD works of KUDCEMP; inclusion of new UGD line for the ward; take to higher officials for approval.	The consultants answered all questions on the KUDCEMP project. The municipal corporation is informed of the issues relating to them.
31.07.19	Idya-1 (6)		48	10(20%)	UGD works undertaken during KUDCEMP were incomplete, leading to various environmental hazards; rectify the existing UGD open wells which are	The consultants answered all questions on the KUDCEMP project. The municipal corporation is informed of the issues relating to them

Date of Meeting	Ward	Meeting location and time	Attendance	No of Women	Issues Raised	Responses and Resolution <sup>7</sup>
					contaminated. severe leakages in the existing sewer lines leading to the accumulation of solid waste; closure of un-authorized water supply connections	
07.08.19	Katipalla (4)		50	09(18%)	construct a retaining wall along nalla at catchment-6 of Surathkal to avoid erosion and overflow of nalla; stop the over flowing manhole at catchment-9 near Naghabana Katipalla, Surathkal; replace over flowing manhole at catchment-8 near Chaithanya school Chokkabettu, Surathkal; lay new sewer line near Vishwanath Temple, Katipalla; clean the contaminated open well at Catchment-9, Katipalla; .new pipe joints are not properly connected to the old pipes at Catchment-8- Bollaje, Surathkal; dissatisfied with the construction and maintenance of the existing UGD by MCC	The consultants answered all questions on the KUDCEMP project. The municipal corporation is informed of the issues relating to them
08.08.19	Dongarakeri (42)		21	00(0%)	rectify UGD works of KUDCEMP; gaps in the survey undertaken- conduct new survey for assessment of levels; UGD lines laid at Kudroli are frequently blocked; why are the roads being cut repeatedly; parts of ward No. 12 & 13 of Bendoor wetwell to Dongarakeri are not covered by water supply; UGD line for their ward be included in the project	The consultants answered all questions on the KUDCEMP project. The municipal corporation is informed of the issues relating to them
19.08.19	Meenakaliya (11)		39	02(5%)	Effective and timely implementation of the pending works , restoration of road with proper repair of damaged utilities, illegal tap connections should be identified and disconnected immediately; information should be disseminated regularly	The consultants answered all questions on the KUDCEMP project. The municipal corporation is informed of the issues relating to them

<b>Date of Meeting</b>	<b>Ward</b>	<b>Meeting location and time</b>	<b>Attendance</b>	<b>No of Women</b>	<b>Issues Raised</b>	<b>Responses and Resolution<sup>7</sup></b>
29.08.19	Kulai (09)		47	10(21%)	Officials need to include missing links of UGD works of KUDCEMP; inclusion of new UGD line for the ward- take to higher officials for approval.	The consultants answered all questions on the KUDCEMP project. The municipal corporation is informed of the issues relating to them
9.9.19	Bengre(60)		51	20(39%)	Preparation of report in English under progress	
26.9.19	Tiruvail (20)		92	32(35%)	Preparation of report in English under progress	
4.10.19	Derebail and Kodikal (25&17)		59	15(24%)	Preparation of report in English under progress	
<b>Total</b>			<b>1350</b>	<b>266 (20%)</b>		

31. Notice of the meetings was made available through local newspapers and public information documents (PID) were distributed to the public (see Appendix 1 for public information documents disseminated). Corporators and local officials invited the public to attend these meetings by visiting the houses of stakeholders in the area a few days prior to the meetings. Project details, the Grievance Redress Mechanism and the Public Consultation Plan were presented to the public. KUIDFC staff tried to solve problems that were raised and issues related to the Municipality have been shared with the Commissioner's Office and are being followed up. Details of the responses will be presented in the next SSMR.

**Table 13: Ward level meetings in Mangalore City**



32. Additionally, an official meeting was held in the DPD's office with the ADB team, the MD of KUIDFC, DC Mangalore and the ex MLA and ex minister for Mangalore on the project on the 26 February, 2018 to discuss the progress of work. Details of the Town Level meeting and the ward level meetings are presented in Appendix 5. Details of the other consultations are available in the semi-annual social safeguards monitoring report (SSMR).

## **VI. GRIEVANCE REDRESS MECHANISM**

33. As per the orders of Joint Managing Director KUIDFC Official Memorandum dated 28th June 2017 has been issued to the concerned for formation of project specific grievance redress mechanism (GRM). A scanned copy of Official Memorandum for formation of grievance redress committee (GRC) is provided in Appendix 8. It is established to receive, evaluate and facilitate concerns of, complaints and grievances of the affected persons in relation to project's social and environmental performances. The main objective of the GRM is to provide time bound action and transparent mechanisms to resolve social and environment concerns.

34. The project GRM covers 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 has realistic time schedules to address grievances and specific responsible persons have been identified to address grievances and whom the displaced persons have access to interact easily.

35. Awareness on grievance redress procedures are being created through a Public Awareness Campaign with the help of print and electronic media. The Safeguards Officer of RPMU ensures that vulnerable households are also made aware of the GRM and assured of their grievances to be redressed adequately and in a timely manner.

36. There are 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 are complaint registrar books and complaint boxes at construction site offices to enable quick response of grievances/ complaints for urgent matters. The name, address and contact details of the persons with details of the complaint/grievance, location of problem area, date of receipt of complaint will be documented. The RPMU's Safeguards 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.

### **A. Grievance Redressal Process**

37. There will be several tiers for grievance redress process. Simple grievances for immediate redress will first be resolved at site by Contractor. If unaddressed for up to 7 days the complainants may go to PIU officer in ULB responsible for addressing resettlement/social issues. Resident engineer and the ULB will assist in resolving the issues. Name, designation and contact number of personnel responsible for grievance redress at ULB and RPMU, will be posted at the contractor's and PMDCSC's site office in full visibility of public. Grievances of immediate nature should be resolved at site/ within ULB/ PIU level within 15 days of registration of grievances.

38. All the grievances that cannot be resolved at ULB/ PIU within 15 days will be forwarded to the GRC headed Special Land Acquisition Officer/Assistant Commissioner of the concerned sub division who will review and resolve within 15 working days of grievance being registered with assistance of the concerned PIU/ULB personnel if required. The grievances of critical nature and those cannot be resolved at GRC level should be referred to District Level Implementation Committee (DLIC) set up at district level headed by Deputy Commissioner who will review the grievances and to be settled within 30 days. All documents related to grievances, follow up action taken to resolve along with explanatory note on nature, seriousness and time taken for grievance

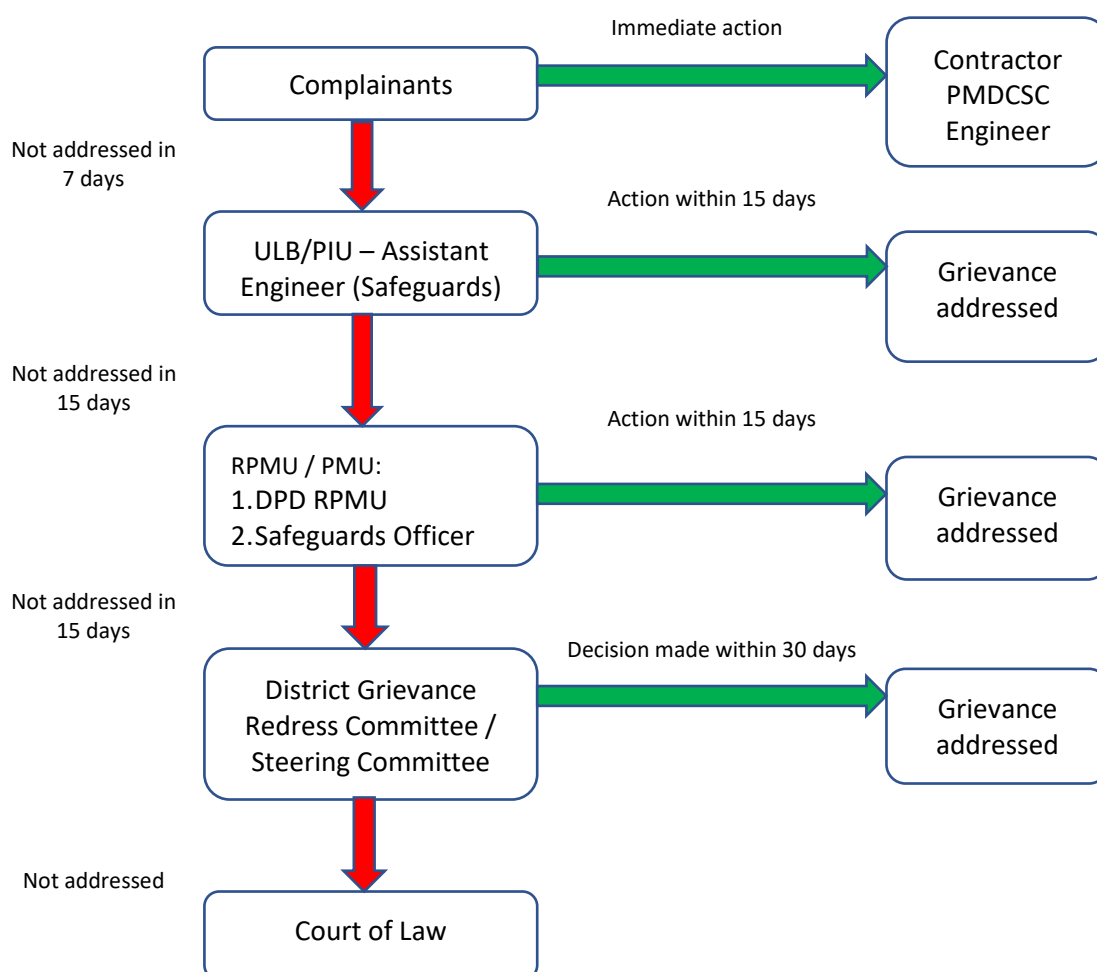


redress shall be prepared by RPMU Safeguards Officer and circulated to DLIC members at least a week prior to scheduled meeting. The decision taken at the DLIC level will be communicated to the complainant by Safeguards Officer, RPMU through ULB/PIU.

39. For any issues that remain unresolved by the GRC, it is referred to DLIC at the District Level. The complainants /displaced persons can approach the Court of Law at any time during the process.

#### **B. Grievance Redress Committee Composition and Selection of Members**

40. The GRC for the project is headed by a Special Land Acquisition Officer/ Assistant Commissioner of the concerned sub-Division as Chairman of the subdivision with members as follows: (i) ULB Commissioners/chief officer of the concerned ULB towns; (ii) deputy project director as member secretary and convener; (iii) PMDCSC engineer; (iv) affected community member/nongovernment organization (NGO); and (v) safeguards officer RPMU KIUWMIP and will shoulder responsibility of keeping records of grievances/complaints in details. The Safeguards Officer of RPMU will be responsible for coordinating with all GRC members and the displaced persons for grievance redressal. The grievances of critical nature and those cannot be resolved at Divisional level should be referred to DLIC set up at District level they will determine the merit of each grievance and attempt to resolve the same within a month from the date of lodging of complaints. The decision of DLIC is final and cannot be contested in any other forum except in the Courts of Law.

**Figure 5: Grievance Redress Process**

PMU = project management unit, DPD = deputy project director, PMDCSC = project management design and construction supervision consultant, PIU = project implementing unit, RPMU = regional project management unit, ULB = urban local body.

41. **Record keeping.** Records of all grievances received, including contact details of complainant, date the complaint was received, nature of grievance, agreed corrective actions and the date these were effected and final outcome will be kept by PIU (with the support of PMDCSC) and submitted to PMU.

42. **Information Dissemination Methods of the Grievance Redress Mechanism.** The PIU, assisted by PMDCSC/CAPRRRC will be responsible for information dissemination to affected persons and general public in the project area on grievance redress mechanism. Public awareness campaign will be conducted to ensure that awareness on the project and its grievance redress procedures is generated. The campaign will ensure that the poor, vulnerable and others are made aware of grievance redress procedures and entitlements per agreed entitlement matrix including whom to contact and when, where/ how to register grievance, various stages of grievance redress process, time likely to be taken for redress of minor and major grievances, etc. Grievances received and responses provided will be documented and reported back to the affected persons. The number of grievances recorded and resolved, and the outcomes will be

displayed/disclosed in the PIU, offices, ULB notice boards and on the web, as well as reported in the semi-annual environmental and social monitoring reports to be submitted to ADB.

43. **Periodic Review and Documentation of Lessons Learned.** The PMU will periodically review the functioning of the GRM and record information on the effectiveness of the mechanism, especially on the PIU's ability to prevent and address grievances.

44. **Costs.** All costs involved in resolving the complaints (meetings, consultations, communication and reporting/information dissemination) will be borne by the respective PIU. Cost estimates for grievance redress are included in resettlement cost estimates.

45. **Country Legal Procedure.** An aggrieved person shall have access to the country's legal system at any stage and accessing the country's legal system can run parallel to accessing the GRM and is not dependent on the negative outcome of the GRM.

46. **ADB's Accountability Mechanism.** In the event that the established GRM is not in a position to resolve the issue, the affected person can also use the ADB Accountability Mechanism through directly contacting (in writing) the Complaint Receiving Officer (CRO) at ADB headquarters or the ADB India Resident Mission. The complaint can be submitted in any of the official languages of ADB's developing member countries. Before submitting a complaint to the Accountability Mechanism, it is recommended that affected people make a good faith effort to resolve their problems by working with the concerned ADB operations department (in this case, the resident mission). Only after doing that, and if they are still dissatisfied, they could approach the Accountability Mechanism. The ADB Accountability Mechanism information will be included in the project-relevant information to be distributed to the affected communities, as part of the project GRM.

## VII. POLICY FRAMEWORK AND ENTITLEMENT

47. The objective of the policy framework and entitlement section is to identify key national, state and project-specific resettlement policies and legal issues involved in land acquisition and compensation. The policy framework describes the principles and approach to be followed in minimizing and mitigating negative social and economic impacts by the projects. This Resettlement Plan will be disclosed to the affected persons and submitted to ADB for review and approval prior to commencement of any civil works. Compensation and other assistances will have to be paid to affected persons prior to any physical or economic displacement.

48. The resettlement plan has been developed based on the national law - The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Act 30 of 2013) and Asian Development Bank's Safeguards Policy Statement, 2009.

49. Core principals discussed in the policy include that: (i) land acquisition, and other involuntary resettlement impacts will be avoided or minimized exploring all viable alternative subproject designs; (ii) where unavoidable, time-bound resettlement plans will be prepared and affected persons will be assisted in improving or at least regaining their pre-program standard of living; (iii) consultation with potentially affected persons on compensation, if eligible as per existing laws/ADB SPS, disclosure of resettlement information to affected persons, and participation of affected persons in planning and implementing subprojects will be ensured; (iv) vulnerable groups will be provided special assistance; (v) payment of compensation, if eligible

as per existing laws/ADB SPS, to affected persons including non-titled persons (e.g., informal dwellers/squatters, and encroachers) for acquired assets at replacement rates; (vi) payment of compensation, if eligible as per existing laws/ADB SPS, and resettlement assistance prior to the contractor taking physical acquisition of the land and prior to the commencement of any construction activities; (vii) provision of income restoration and rehabilitation; and (viii) establishment of appropriate GRM.

50. The salient features of ADB and government policies and entitlements are discussed in detail in the resettlement framework. The resettlement framework specifies that in case of discrepancy between the policies of ADB and the government, ADB policy will prevail.

#### **A. Types of Losses and Affected Person Category**

51. The only type of loss anticipated under the Mangalore Sewerage Pumping Main Subproject is the temporary disruption of livelihood to small businesses.

52. The entitlement matrix below summarizes the types of possible losses and corresponding entitlements in accordance with ADB and government policies, based on the principle of replacement cost. In addition to the estimated potential temporary impacts, the entitlement matrix safeguards unforeseen impacts.

**Table 14: Entitlement Matrix<sup>a</sup>**

	<b>Type of Loss</b>	<b>Application</b>	<b>Definition of Entitled Person</b>	<b>Compensation Policy<sup>b</sup></b>	<b>Implementation Issues<sup>c</sup></b>	<b>Responsible Agency<sup>d</sup></b>
1	Temporary disruption of livelihood	Commercial and agricultural activities	Legal titleholders, tenants, leaseholders, employees, hawkers or vendors.	<p>1. 60 days advance notice regarding construction activities, including duration and type of disruption.</p> <p>2. Cash assistance based on the net income from the affected business or minimum wage for the loss of income/livelihood for the period of disruption, whichever is more.</p> <p>3. For construction activities involving disruption for a period of more than a month, provision of alternative sites for hawkers and vendors for continued economic activities. If not possible, allowance based on the net income of the affected business or minimum wage rate for the affected households up to 3 months or the actual period of disruption whichever is more.</p> <p>4. Free transport facility, or, onetime shifting allowance of ₹4000 per shift, or, shifting cost in the town, whichever is higher, if required to shift.</p> <p>5. Vulnerable households will be given priority in employment in the project construction activities.</p>	<p>Census survey will identify households whose livelihoods are temporarily affected, extent and type of loss. Census survey will also identify vulnerable households.</p> <p>During construction, the regional project management unit (RPMU) and urban local body (ULB) will identify alternative temporary sites to the extent possible, for vendors and hawkers to continue economic activity.</p> <p>RPMU/project management, design, construction and supervision consultant (PMDCSC) in consultation with the ULB and project implementation unit (PIU) will ensure civil works will be phased to minimize disruption through construction scheduling in coordination with the contractors</p>	RPMU in coordination with ULB, PIU and Contractors will identify alternative locations

	Type of Loss	Application	Definition of Entitled Person	Compensation Policy <sup>b</sup>	Implementation Issues <sup>c</sup>	Responsible Agency <sup>d</sup>
					Shifting cost likely to be incurred in a town will be determined on the basis of surveys and will be calculated as the cost incurred in shifting from and returning back to the same location	
2	Any other loss not identified			1. Any unanticipated impacts of the project will be documented and mitigated based on the spirit of the principles agreed upon in this resettlement framework and the Right to Fair Compensation and Transparency in Land Acquisition, Resettlement and Rehabilitation Act (RFCTLARRA) 2. Unanticipated involuntary impacts will be documented and mitigated based on the principles provided in the ADB involuntary resettlement Policy.		The RPMU in consultation with the concerned ULB and DLRC will ascertain the nature and extent of such loss. The PMU in consultation with RPMU will finalize the entitlements in line with the ADB Safeguard Policy Statement.

CAPRRRC = Community Awareness, Participation, Rehabilitation and Resettlement Consultant, PIU = Program Implementation Unit, PMDCSC = Project Management Design and Construction Supervision Consultant, RFCTLARRA = Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, RPMU = Regional Program Management Unit, ULB = urban local body.

Note: All allowances and assistances in the Entitlement Matrix will be adjusted for inflation at 5% per annum from the year of resettlement framework preparation. The entire Entitlement Matrix is in the resettlement framework.

<sup>a</sup> For any design, build and operate (DBO) contracts, the DBO contractor undertakes design tasks.

<sup>b</sup> For any design, build and operate (DBO) contracts, the DBO contractor carries out design responsibilities.

<sup>c</sup> Vulnerability benefits are incremental, i.e., in addition to other entitlements and benefits.

<sup>d</sup> Vulnerable households comprise below poverty line households, female-headed households, households with out-of-school/working children, disabled person-headed household, elderly-headed household, landless household, household with no legal title / tenure security, and schedule castes and scheduled tribe households

Note: All allowances and assistances in the entitlement matrix will be adjusted for inflation from the year of resettlement framework preparation to the year of compensation payment.

## **VIII. INCOME RESTORATION**

53. The objective of income restoration activities is to ensure that no affected person shall become worse-off compared to pre-project status due to the project. In case of temporary economic impacts, the entitlement matrix provides for compensation at replacement cost. Compensation against temporary income loss or the minimum wage for the period of disruption whichever is greater will be provided. Compensation and assistance to affected persons must be made prior to displacement. The Safeguard Officer of the RPMU will develop an appropriate plan to ensure that project affected persons, particularly vulnerable affected persons are accorded priority in project construction work, should they be willing and available. The plan shall be developed in consultation with the affected persons. Special attention will be given to vulnerable affected persons. Sufficient budget for income restoration activities is provided in the resettlement budget. Refer to Table 15.

## **IX. RESETTLEMENT BUDGET AND FINANCING PLAN**

54. The resettlement budget includes potential income losses to small business enterprises who will experience temporary impacts. The budget will be updated as required to as per the detailed survey and based on the detailed design and latest replacement costs and resettlement plan will be updated. The resettlement budget includes: (i) detailed costs for resettlement assistance for temporary income loss; (ii) source of funding; (iii) administrative costs; (iv) monitoring cost; and (v) arrangement for approval, and the flow of funds and contingency arrangements. All resettlement assistances, administrative, monitoring and consultant cost, and income and livelihood restoration cost will be borne from the Project cost. The PMU will ensure timely disbursement of funds to the ULB for resettlement and rehabilitation assistance through the CAPRRC. The cost of all resettlement activities will be an integral part of the overall Project cost.

55. A budgetary provision has been created with compensation calculated in line with the minimum wage rate times the number of days affected (3 days) due to the construction.

Table 15: Budgetary Provision for Resettlement Plan Implementation

No.	Compensation for Type of Loss	Quantity	Unit Rate (₹)	Total Amount (₹)	Total Amount (\$1=₹71)	Source of Fund	Timeline
<b>A</b>	<b>Resettlement Cost: Temporary Impact</b>						
1	Income loss for the 61 vendors	61 <sup>8</sup> x 3 <sup>9</sup> days	500 <sup>10</sup>	91,500		Project management unit (PMU) to place fund with urban local body (ULB) to be disbursed by ULB	Prior to displacement.
2	Provisional sum towards shifting allowance <sup>d</sup>	Lump sum		2,44,000			Prior to displacement.
	<b>Subtotal of A</b>			<b>3,35,500</b>	<b>4,725</b>		
<b>B</b>	<b>Other costs</b>						
3	Grievance redress, project information disclosure in local language	Lump sum		5,00,000			Grievance redress mechanism (GRM) costs e.g., meeting/ communication related expenses, transport costs for affected persons to attend GRC meetings/hearings will be met by project implementation unit (PIU). Any costs related to printing of project information disclosure materials, translation of resettlement plan/PID leaflets, costs of signage displaying contact details for grievance redress etc. shall borne by PIU.

<sup>8</sup> 61 shopkeepers identified as temporarily affected by the project

<sup>9</sup> Calculated for 3 days per section of construction work

<sup>10</sup> On comparing the reported average income with the minimum wage rate as per EM provisions, the minimum wage rate (rounded off) is used for the RP budget preparation. The prevailing notified minimum wage rate is Rs 445 per day 2018-19 for Karnataka. This is adjusted for inflation and rounded off to Rs 500 for the purpose of budget preparation.



No.	Compensation for Type of Loss	Quantity	Unit Rate (₹)	Total Amount (₹)	Total Amount (\$1=₹71)	Source of Fund	Timeline
4	Consultation and Disclosure of RP	Lump sum		3,00,000			Based on detailed design by Design, Build and Operate (DBO) contractor
	Subtotal of B			800,000	11,270		
		Subtotal of A+B		1,135,500	15,995	(rounded off to \$ 16000)	
		Contingency at 10%		1,13,550	1,599	(rounded off to \$1600)	
		Grand Total ₹12,49,050 or \$17,594 or \$ 17,600					

Note: CAPRRC costs are not included in this resettlement plan budget; however, consultancy costs are part of overall project cost. It is envisaged that the CAPRRC will be responsible for communication and awareness generation regarding project benefits to beneficiaries and affected persons. The CAPRRC will provide assistance to the affected persons and to the ULB to ensure smooth execution of this resettlement plan. <sup>a</sup> Budget has been revised based on detailed measurement survey/census surveys. <sup>c</sup> Temporarily affected vulnerable households will be given priority in employment in the project construction activities. <sup>d</sup> Shifting allowance is budgeted based on average van hire charges (half a day each for shifting from and back to the location) in this region of Karnataka. The affected persons who are required to shift will be given the option of availing the budgeted shifting allowance or ULB-provided free transport for shifting, whichever is acceptable to them. The shifting allowance will be paid only in case the vendor is required to shift. The majority of affected businesses in Mangalore will not be required to shift. The need to utilize the provisional sum towards shifting cost has been confirmed based on the detailed measurement survey. An estimate of Rs 4000 per person has been used.

56. All costs involved in the complaints (meetings, consultations, communication, information dissemination and GRM) will be borne by the PIU. These costs will be added to the budget as they accrue in the updated resettlement plan.

## **X. INSTITUTIONAL ARRANGEMENTS AND IMPLEMENTATION**

### **A. Institutional Structure and Capacity**

57. Karnataka Urban Infrastructure Development and Finance Corporation (KUIDFC) is the nodal executing agency responsible for implementing KIUWMIP. KUIDFC is a fully owned Government of Karnataka company registered under the Companies Act, 1956. In the context of KIUWMIP, KUIDFC has established a project management unit (PMU) at KUIDFC headquarters in Bangalore and regional project management unit (RPMU) at the District level.

58. For this subproject, ULB of Mangalore is the implementing agency, supported by its project implementation unit (PIU) to implement subproject components of water supply and waste water including resettlement activities. ULB staff, officers and the commissioner of Kundapura will need to be trained in ADB's involuntary resettlement policy as stated in SPS. The KUIDFC PMU will employ a social development officer (SDO) designated for implementing resettlement activities under KIUWMIP and a safeguards officer at RPMU. The persons would be selected based on their experience in handling resettlement activities for similar external aided projects. PMU, ULBs and PIU should ensure that the staff and officers are updated with recent safeguards requirement of ADB SPS, 2009. If required, orientation course should be organised to develop their capacity in understanding and implementing involuntary resettlement activities.

59. The community awareness, participation, rehabilitation and resettlement consultant (CAPRRC) of RPMU will have an important role in carrying out resettlement plan implementing activities from project preparation stage to completion of resettlement plan including income restoration activities required, if any. The CAPRRC of the RPMU should have a thorough understanding and knowledge of ADB's safeguard policies/guidelines, preferably with experience of implementing resettlement plan activities for ADB or other external financing agencies. The CAPRRC of RPMU should also undergo capacity development and orientation course on ADB safeguard requirements. Most importantly, s/he has a key role in income restoration and livelihood rehabilitation activities, particularly for the vulnerable people who are entitled for such assistance. CAPRRC will help in identifying skill development government training institutes for alternative livelihood trainings for permanently affected economically displaced persons and permanently affected vulnerable affected persons, if any, due to construction activities.

60. The RPMU will be assisted by a safeguards officer as well as by resettlement specialist of the PMDCSC to assist and monitor project compliance on safeguards. In each PIU, an assistant engineer (Safeguards) will coordinate the safeguard tasks at PIU/town level. The following are institutional roles and responsibilities to ensure social safeguards requirements are followed during design and construction stages.

61. The responsibilities of the PMU's SDO include:

- (i) Ensure that the resettlement framework provisions are adhered to and the draft resettlement plans prepared during project processing are updated based on detailed designs;
- (ii) Engage in meaningful consultations with stakeholders and affected persons particularly through implementation of the consultation and participation;
- (iii) Update the resettlement plans upon the completion of detail design and submit to ADB for review, approval and disclosure;
- (iv) Prepare resettlement plans or DDRs for new subprojects with support from the national social safeguards specialists of PMDCSC. The outline of the resettlement plans and DDR is in Appendix 9 of the Project Administration Manual (PAM);
- (v) Ensure provision of timely payments by the local government to the affected persons before displacement/impact occurs in sections ready for construction;
- (vi) Inform ADB for any unanticipated impacts identified during project implementation, prepare/review the required corrective action plan (CAP) and implement/monitor its implementation;
- (vii) Ensure implementation of project grievance redress mechanism (GRM) and all grievances are addressed;
- (viii) Conduct regular monitoring and site visits for social safeguard compliance of all subprojects during civil works activities;
- (ix) Maintain safeguard data base and GRM records;
- (x) Conduct oversight and develop effective mechanism to monitor implementation of Resettlement Plans to ensure smooth project implementation;
- (xi) Review the consolidated monthly reports by PMDCSC social safeguards specialist, CAPRRC, and submit semi-annual monitoring reports to ADB. The monitoring reports should record the progress of resettlement activities and any compliance issues, grievances, corrective actions taken, follow-up actions required and status of compliance with relevant loan covenants.
- (xii) assist project director and guide CAPRRC in implementation of the GESI action plan; and
- (xiii) review monthly monitoring reports to be submitted by RPMU/PIUs and consolidate/prepare quarterly progress report on GESI progress to be submitted with project QPR to ADB.

62. The Safeguards Officer of regional offices are responsible for the following tasks:

- (i) Engage in ongoing meaningful consultations with stakeholders and affected persons particularly through consultation and participation;
- (ii) Undertake pre-construction consultations on the work breakdown structure with the temporarily affected persons who will be identified through the detailed measurement survey, including affected vulnerable persons and women if any, to help identify work that fits their skills and capacities.
- (iii) Update the resettlement plans upon the completion of detail design and submit to PMU for onward submission to ADB for review, approval and disclosure;
- (iv) Prepare resettlement plans or DDRs for new subprojects, as needed, with support from the national social safeguards specialists of PMDCSC. The outline of the resettlement plans and DDR is in Appendix 9 of the PAM;
- (v) Translate and disclose the final resettlement plans/ DDRs into proper language and forms that are accessible to the affected communities/ people;

- (vi) Ensure provision of timely payments by the Municipality to the affected persons before displacement/impact occurs in sections ready for construction;
- (vii) Assist in identification of third party in case of any negotiated settlement/land donation;
- (viii) Guide and assist PIUs to ensure that NOCs, land documents, third party certifications as required for each subproject are obtained;
- (ix) Inform ADB of any unanticipated impacts identified during project implementation, prepare the required CAP and implement it;
- (x) Ensure implementation of project GRM and all grievances are properly addressed;
- (xi) Conduct regular monitoring and site visits for social safeguard compliance of all subprojects during civil works activities;
- (xii) Ensure that internal monitoring covers income restoration activities and results of monitoring are reported in the semi-annual monitoring report;
- (xiii) Monitor the work of CAPRRC on resettlement, CAPP and GESI activities; and
- (xiv) Maintain safeguard database, GRM records, key gender results and good practices.

63. The Social Safeguards and Gender Specialist PMDCSC is responsible for the following tasks:

- (i) Establish a system to monitor social safeguards and gender outcomes of the Project; including the implementation of the income restoration plan, the functioning of the grievance redress mechanism, and prepare indicators for monitoring important parameters of safeguards and gender;
- (ii) Take proactive action to anticipate the gender equality and social inclusion and social safeguards aspects of the project to avoid delays in implementation;
- (iii) Support PMU/RPMU to prepare resettlement plans for proposed subprojects;
- (iv) Support the PMU in ensuring that the social safeguard and GESI activities are carried out in accordance with the agreed plans and frameworks; and
- (v) Ensure that the relevant measures specified in the resettlement plans, and GESI action plan will be incorporated in bidding documents and approved by ADB prior to issuance of invitation for bidding and monitor their compliance on behalf of PMU/RPMU; and ensure monitoring of social safeguards plans and GESI action plan and address unanticipated impacts, if any; and provide training programs to PMU/RPMU/PIU staff and contractors involved in the project implementation for strengthening their capacity in managing and monitoring social safeguards and gender.

64. A CAPRRC will be appointed by Government of Karnataka according to the Government of Karnataka procurement guidelines. The roles and responsibilities of CAPRRC include:

- (i) Conducting socioeconomic survey of the temporary or permanent displaced persons/affected persons, and identification of vulnerable groups;
- (ii) Disclosure of affected land and list of affected families and persons in the local newspapers/municipality website/public places in local language, Identification of temporary displacement places;

- (iii) Formation of GRM at municipality level as per the resettlement framework, identification of options of affected persons for enhancement of their livelihoods, in consultation with affected persons;
- (iv) Motivation of affected persons to ensure proper utilization of the compensation money, if eligible as per existing laws/ADB SPS, for purchase of equipment and tools, especially vulnerable families;
- (v) Facilitation and distribution of compensation, if eligible as per existing laws/ADB SPS, for affected persons and temporarily displaced persons, if any;
- (vi) Identification of local resource institutions for Income Generating Activities (IGA) for affected persons;
- (vii) Providing data on inputs, outputs and impact indicators for the ULB to monitor resettlement plan implementation;
- (viii) Organizing IGA Activities for Displaced Persons and Linking affected persons with other government departmental schemes for enhancement of livelihood promotions. Preparation of documentation on best practices on R&R related issues;
- (ix) Assisting ULB in public information campaign in Kannada at the commencement of the project to inform the affected communities of the need for shifting of squatters and encroachers from temporary impact zone along construction sites; and
- (x) Providing orientation/training to the ULB and Project Officials on Land Acquisition, Rehabilitation and Resettlement Act, 2013 (LARR) and ADB SPS.

65. **Resettlement Plan Implementation.** A well-coordinated action plan for all the responsible organizations/ Government Departments is necessary for successful and timely implementation of resettlement plan. The Institutions involved are the District Authorities, Requisitioning Authorities/PIU, and RPMU with the assigned Social Development officer as its focal person. Besides, PMU at Head office -will be responsible for the updated resettlement plan and will ensure approval from ADB prior implementation. ULB will be the implementing agency and will be primarily responsible for implementing resettlement plan activities on a day to day basis. Each of these bodies is responsible for certain functions related to resettlement plan implementation and hence coordination among them is essential.

66. The resettlement plan finalization and implementation activities will cover:

- (i) Identification of cut-off date, resettlement plan updating/ finalization, conducting census and preparation of photo identity cards and notification for land acquisition, if any, and final consultations to the affected peoples. All eligible displaced persons will be issued identity cards containing details and types of loss, entitlement as early as possible to avoid encroachers and squatters taking possession of land after cut-off-date. These identity cards will be verified by PIU, and issued by the concerned ULBs.
- (ii) Preparing the displaced persons for physical relocation through consultation process, as required, and identification of eligible displaced persons for economic rehabilitation with the help of providing income restoration trainings.
- (iii) During implementation, the safeguard officer/CAPRRRC of RPMU will review resettlement plan implementation progress. The ULB will be supported by the Safeguard Officer/CAPRRRC of RPMU to conduct regular internal monitoring of resettlement implementation. Semi Annual Social Safeguards monitoring report

will be prepared by PMDCSC consultants and required to be submitted by PMU for onward submission to ADB for review and disclosure. The reports will contain progress made in resettlement plan implementation with particular attention to compliance with the principles and Entitlement Matrix set out in the Resettlement Framework. The report will also document consultation activities conducted, provide summary of grievances or problems identified, complaints lodged by the displaced persons and actions taken to redress such complaints.

- (iv) The SDO, safeguards officer, CAPRRC of RPMU, ULB officials will undergo an orientation and training program designed for resettlement management. The training activities will focus on issues concerning (a) principles and procedures of land acquisition; (b) ADB's safeguard policy requirement; (c) public consultation and participation; (d) entitlements and compensation disbursement mechanisms, if eligible as per existing laws/ADB SPS; (e) grievance redressal; and (f) monitoring of resettlement operation. The orientation and training will be financed under the project and will occur prior to commencement of resettlement plan preparation, in the beginning of resettlement plan implementation and once midway through resettlement plan implementation. KUIDFC will ensure that resettlement budgets are delivered on time to the ULB, the PIU for timely resettlement plan implementation.
- (v) The physical resettlement, including payment, if eligible as per existing laws/ADB SPS, of compensation and assistances will be completed before the start of civil works. Affected persons will get sufficient notice to vacate their property before civil works begin. All physical relocation, compensation/ assistance payment schedule will be completed in one and a half years. However, economic rehabilitation activities including income restoration programs may take longer time to complete depending on nature of trainings. The vocational training will commence after physical relocation, if any and payment of compensation and assistance is likely to continue from a period of three to six months depending on nature of trainings.

67. The roles and responsibilities of the various Institutions/organizations are listed in the table below.

**Table 16: Roles and Responsibilities of Institutions**

No.	Activities	Responsible Authority/Agency	Time Schedule
Project Preparatory Stage			
1	Finalization of designs/alignments	Karnataka Urban Infrastructure Development and Finance Corporation (KUIDFC) appoint program management design construction supervision consultants (PMDSC)	15 days
	Detailed project report by finalizing design option to minimize resettlement impact		7 days

2	<p>Disclosure of final design option</p> <p>Formation of district level implementation committee (DLIC)</p> <p>Consultation/focus group discussion (FGD) with displaced persons/road side hawker/vendors to be affected by temporary impact</p>	<p>Project management unit (PMU) to complete formation of DLIC Depute/appoint designate Safeguards officer</p> <p>Safeguard officer/community awareness, participation, rehabilitation and resettlement consultant (CAPRRC) to start consultation with Land owner/all affected persons with permanent or temporary impact.</p>	90 days
Resettlement Plan Finalization Stage			

No.	Activities	Responsible Authority/Agency	Time Schedule
3	<p>Detailed measurement survey/Census enumeration/social impact assessment survey of displaced persons for updating resettlement plan, identifying temporary impact, preparation and distribution of photo identity cards, if necessary</p> <p>Formal announcement of project cut-off date</p>	Safeguards officer of regional project management unit (RPMU) will help urban local bodies (ULBs) prepare photo Identity cards after verification of displaced persons with support of the concerned ULB officials and CAPRRC.	<p>15 days for DMS/census verification</p> <p>15 days for preparation of updated resettlement plan and distribution of identity cards as and when necessary</p>
5	Categorization of all displaced persons for entitlement eligibility	Safeguards officer of RPMU with support of the ULB and CAPRRC to categorize displaced persons, as per entitlement eligibility/type of loss.	15 days
6	Calculation of replacement costs for temporary income loss	ULB will compute replacement cost of all losses.	15 days
7	<p>Formulating all compensation and assistances for the displaced persons and economic rehabilitation measures, as required</p> <p>Conduct consultation/meeting with the displaced persons for compensation/assistance as per entitlement matrix</p>	<p>ULB to calculate resettlement assistance for disbursement and special assistance for vulnerable affected persons (project related construction work).</p> <p>ULB/CAPRRC to organize consultation /meeting with affected persons to disclose detailed information on loss, entitlement, compensation and assistance.</p>	<p>15 days</p> <p>15 days (both activities to continue simultaneously)</p>

8	Finalizing compensation and rehabilitation packages and Preparation of updated/Final Resettlement plan	<p>ULB to finalize compensation packages, PMDCSC will update resettlement plan based on detailed measurement survey during implementation period.</p> <p>PMU to evaluate resettlement plan in the light of Asian Development Bank (ADB) compliance and resettlement plan budget and send to ADB for its approval.</p>	<p>15 days</p> <p>15 days</p>
No.	Activities	Responsible Authority/Agency	Time Schedule
9	Disclosure of updated resettlement plan, particularly final entitlement and rehabilitation packages to all displaced persons	<p>ULB to circulate copies of updated resettlement plan with entitlement packages to all stakeholders in disclosure meeting, where safeguard office of RPMU, CAPRRC and affected person/affected person's representatives will be present</p> <p>Affected persons to accept entitlement and rehabilitation as per resettlement framework/entitlement matrix.</p>	<p>15 days</p> <p>15 days</p>
10	Approval of final resettlement plan	<p>ADB to approve final resettlement plan</p> <p>KUIDFC-PMU to arrange for translation and disclosure of final resettlement plan among the displaced persons and stakeholders</p>	<p>15 days</p> <p>15 days</p>
Resettlement Plan Implementation Stage			
11	Payment of resettlement assistance to eligible displaced persons/incl. assistance for vulnerable displaced persons for income restoration	<p>KUIDFC will provide fund allocation</p> <p>Disbursement of compensation against loss if any by KUIDFC,</p> <p>Disbursement of resettlement assistance to be monitored by safeguard office at RPMU level.</p>	15 days for disbursement of assistance
12	Grievance redress SDO to coordinate with RPMU, assist displaced persons, especially the vulnerable ones to have access to GRC/DLIC	<p>Grievance redress committee (GRC) set up at divisional and DLIC at district level</p> <p>ULB to address grievances at initial stage</p> <p>More serious grievances to be addressed by GRC at divisional and DLIC at district level</p>	To continue throughout resettlement plan implementation



13	Monitoring and reporting	<p>PMDSC will prepare half yearly Semi-annual social safeguards monitoring report/and send to PMU through RPMU</p> <p>PMU to report resettlement plan activities to ADB on safeguard compliance.</p>	<p>Semi-annual during resettlement plan implementation</p> <p>Throughout resettlement plan implementation</p>
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## B. Training and Capacity Building

68. The safeguards personnel of the project consultants (RPMU, PMU, PMDCSC, SDO, safeguards officer and CAPRRC), and other key project related staff of RPMU and PMUs, will be oriented and trained by ADB on ADB safeguards policy and the approved project resettlement framework; resettlement plan preparation and updating process; monitoring, reporting and disclosure requirements, roles of different stakeholders in safeguards implementation and GRM, envisaged consultation and participation process, reporting and monitoring requirements, core labour standards for contractors, handling issues in social inclusion, potential conflict resolution, typical implementation issues, and lessons learnt in safeguards implementation in other ADB funded water supply projects. The key focus area of the training program will be ADB resettlement policy and principles and the training will focus on the differences between the provisions of the ADB policy and Government of India/Government of Karnataka laws, as the awareness of these differences and the need to follow the provisions of ADB policy are critical for successful implementation of resettlement plans.

69. The PMU will be responsible for development of a training program based on a capacity assessment of target participants (contractor(s), field staff, and PIU) and for implementation of the training program to build capabilities on resettlement policy, planning, mitigation measures and safeguards. Basic principles of resettlement planning, avoidance of involuntary resettlement impacts and minimization measures with an emphasis on protection of the poor and vulnerable, access to project information and benefits by affected persons, grievance redress process and its importance, and monitoring shall be covered in the training. Training on involuntary resettlement and gender issues shall not only be given to social safeguards personnel of project consultants, PMU and PIUs but also to design and supervision engineers and contractors' personnel.

70. To implement all these activities Safeguards Officer of RPMU will need to have a comprehensive knowledge of ADB's safeguard policy requirement. Keeping all these in view training modules will be prepared before implementation commences. One orientation training course will be organized for awareness about ADB policy and project implementation in compliance with ADB safeguards policy and a rigorous orientation training will be arranged for the SDO, who will be primarily responsible for implementation of resettlement plan, making the affected persons, particularly the vulnerable ones, aware about their rights and entitlement, make GRM effective and last but not the least monitoring all resettlement plan activities according to plan. Since the ULB is the major implementing authority the personnel responsible for resettlement plan implementation will be given training in ADB safeguard policy as well along with RPMU. Those responsible at ULB level are: land revenue officials, the Commissioner/Chief Officer, community affairs personnel – all these personnel will be given orientation training and then followed by refreshers' course with experience sharing in resettlement plan implementation.

In the event of negotiated land purchase or donation of land, independent third party monitoring is an essential requirement and a part of compliance for social safeguard issue. The training component will also include modality of such third-party monitoring, evaluation process, documentation and endorsement procedures. The training activity will be conducted by KUIDFC Social Development Officer or assigned National safeguard specialist with qualified experience and familiarity with ADB SPS, 2009 and requirement of ADB financed project. They will be provided with a course on Training of the Trainers which will enable them to guide ULB personnel and monitor resettlement plan activities.

## **XI. IMPLEMENTATION SCHEDULE**

71. Project implementation period (civil works) is expected to require 33 months to complete. Resettlement plan finalization and implementation are 12 months. Resettlement Plan implementation 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.

### Table 17: Implementation Schedule

[illegible]

## **XII. MONITORING AND REPORTING**

### **A. Monitoring**

72. Monitoring involves periodic checking to ascertain whether resettlement activities are progressing according to resettlement plan. Monitoring will cover physical and financial components and provides feedback to keep the program on schedule. Monitoring indicators include: (i) number of days of income loss for which affected persons are compensated, (ii) period of actual disruption along alignment where affected persons are located, (iii) when incomes recovered to pre-project level, and (iv) whether access to the vending sites continued. The RPMU/PMDCSC will conduct regular internal monitoring of resettlement implementation and prepare semi-annual monitoring reports for submission to ADB. The reports will contain progress made in resettlement plan implementation with particular attention to compliance with the principles and entitlement matrix set out in the resettlement plan. It will identify potential difficulties and issues hindering resettlement plan implementation in coordination with civil works. The report will provide summary of issues or problems identified and actions taken to resolve the issues; and provide a summary of grievances or complaints lodged by households and actions taken to redress such complaints. The PMDCSC will prepare semi-annual social safeguards reports and submit them to the RPMU, who in turn will submit the reports to PMU Head Office of KUIDFC.

73. In resettlement plan implementation, the internal monitoring system will perform the following key tasks:

- (i) Administrative monitoring to ensure that implementation is on schedule, funds for resettlement plan execution is released in a timely manner and those grievances are dealt with adequately;
- (ii) A sample baseline database on socioeconomic condition of the displaced persons will be prepared with pre-project information derived from SIA database at resettlement plan preparation stage and a comparison will be made with the present condition of the displaced persons during resettlement plan implementation stage and after the relocation process, if involved; and
- (iii) Feedback of rehabilitation measures will be taken to ensure that people are settled and recovering from resettlement process. This will be part of impact evaluation process that will assess effectiveness of the resettlement plan and reestablishment of the displaced persons post resettlement stage.

### **B. Reporting**

74. ADB will monitor and evaluate the resettlement plan implementation and economic rehabilitation activities during entire project period. The monitoring report will contain evaluation of the resettlement plan implementation, its efficacy and provide valuable insight into the constraints in the way of implementation of resettlement plan.

75. The monitoring indicators for evaluation of the objectives achieved under the resettlement and rehabilitation program are of three kinds:

- (i) Process indicators, indicating project inputs, expenditure, staff deployment;
- (ii) Output indicators, indicating results in terms of numbers of affected people compensated/assisted and resettled, skill development training organized, credit

- disbursed, and number of displaced persons capable of reorganizing their economic livelihood; and
- (iii) Impact indicators, related to the long-term effects of the project on people's lives, including economic standard sustained. Compensation for the temporary impact or days of disruption, if any, versus the compensation and days estimated in the Resettlement Plan, will be monitored. These indicators will evaluate the speed with which businesses resumed their work. Details will be reported in the next SSMR.

76. Monitoring will also cover the physical progress of project provided resettlement sites, if any such are established. It will also evaluate access to infrastructural facilities at the relocation sites, and performance of ULB, and PMU in implanting resettlement activities. Monitoring reports will be prepared/submitted semi-annually by PMU to ADB for review and disclosure.

## **PAMPHLET OF PROJECT INFORMATION DISCLOSURE**

### **A. Program Background**

1. Karnataka Integrated Urban Water Management Investment Program (KIUWMIP) is an Asian Development Bank (ADB) financed program on improvement of sustainable urban service of water supply and sanitation (UWSS) for selected towns/urban local bodies (ULBs) of Karnataka. The towns suffer from irregular and insufficient urban service in the state. The towns were selected based on IWRM principle and manageability of program implementation through the Public-Private Partnership (PPP) model. Selection process of the towns was in consultation with the project proponent, Karnataka urban Infrastructure Development and Finance Corporation (KUIDFC) and subject towns through a series of stakeholder consultation process.

### **B. Project Description and Component**

2. The ULB of Mangalore is the statutory entity responsible for providing water and waste water service to the people. However, the ULB suffers from a resource crisis without capacity or capability to operate and maintain these civic infrastructure systems. At present only part of the town is covered by the sewerage network and water supply system also needs renovation and augmentation of water treatment facility, additional water storage capacity and renovation of distribution network.

- (i) 1,100 millimeters (mm) dia ductile iron K9 Class Pipe from Wet well No-3, Kudroli to 43.5 million liters per day (MLD) sewage treatment plant (STP) at Kavoor for a length of 7650 meters (m).
- (ii) 900 mm dia ductile iron K9 class pipe from Wet Well No-4, Kanadathpalli to Wet Well No-3, Kudroli for a length of 950 m.
- (iii) 450 mm dia ductile iron K9 class pipe from Wet Well No-6, Mulihitlu to Ridge Manhole near Morgansgate for a length of 1,700 m.
- (iv) 450 mm dia ductile iron K9 class pipe from Wet Well No-7, Jeppu Bappal to Ridge Manhole inside premises of old STP at Ekkur for a length of 1,100 m.

### **C. Policy and Principle of Resettlement Plan Implementation**

3. The resettlement principles adopted for mitigating involuntary resettlement impact will adopt the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Act 30 of 2013), and the relevant ADB Safeguards Policy Statement (SPS) of 2009 and Operations Manual F1 (2010). The resettlement plan has been prepared keeping all these policies and principles in view and will be implemented after updating impact in detailed design and measurement survey.

## D. Entitlement

4. No land acquisition is involved. An entitlement matrix is prepared for the project, detailing eligibility and entitlements in accordance with national laws and ADB SPS.

## E. Institutional Arrangement

5. The social development officer at PMU will confirm and update the resettlement plan. The safeguards officer of RPMU will be responsible for regular monitoring, resettlement plan implementation and identifying potential problems. Monitoring reports will also contain resettlement compliance, apart from progress in resettlement plan implementation. The reports will be submitted to ADB on a half yearly basis by the PMU.

## F. Grievance Redress Mechanism

6. As per the orders of Joint Managing Director KUIDFC, an Official Memorandum dated 28 June 2017 has been issued to the concerned for formation of project specific grievance redress mechanism (GRM). The GRM is established to receive, evaluate and facilitate concerns of, complaints and grievances of the affected persons in relation to project's social and environmental performances. The main objective of the GRM is to provide time bound action and transparent mechanisms to resolve social and environment concerns.

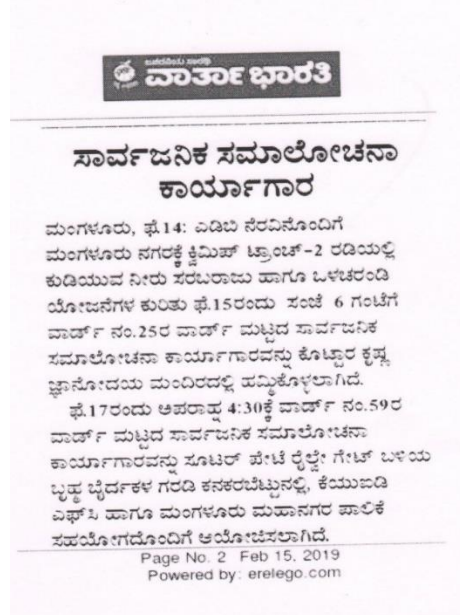
Details for inquiries:

Name: Mohammed Nazeer Designation: Commissioner Project implementation unit (PIU) KIUWMIP Telephone: 0824- 2220310 Mob: 9945794353 E-mail: commissioner.mcc@gmail.com Address: Mangalore City Corporation Mangalore Karnataka State	Name: B. Nagabhushana Aradhya Designation: Assistant Executive Engineer PIU KIUWMIP Telephone No: 9448061285 0824- 2981109 E-mail: jalasiritranch2d@d@gmail.com Address: MCC commercial complex, 1st Floor, Mallikatta, Mangalore, Mangalore District. Karnataka State PIN 575002
Name: Prabhakar Sharma Designation: Deputy Project Director KIUWMIP, RPMU Telephone No: 9448446099 0824- 2981109 E-mail: jalasiritranch2d@d@gmail.com Address: MCC commercial complex, 1st Floor, Mallikatta, Mangalore, Mangalore District. Karnataka State PIN 575002	

**Public Disclosure Notice**

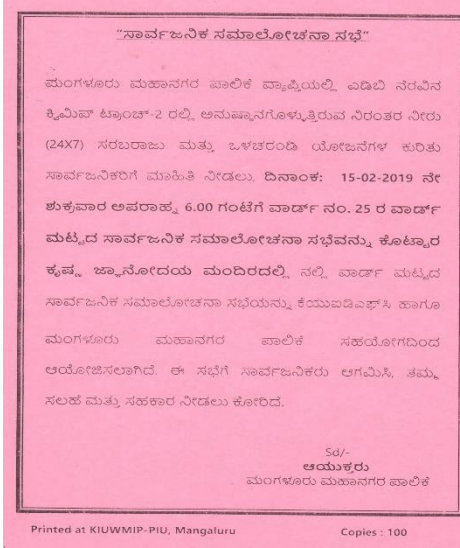
(published in the Vijaya Karnataka Newspaper, a local newspaper, prior to Public Consultations, Feb 15<sup>th</sup>, 2019)

The notice contains a brief description of the project, a call for consultation and the location and date of the consultation

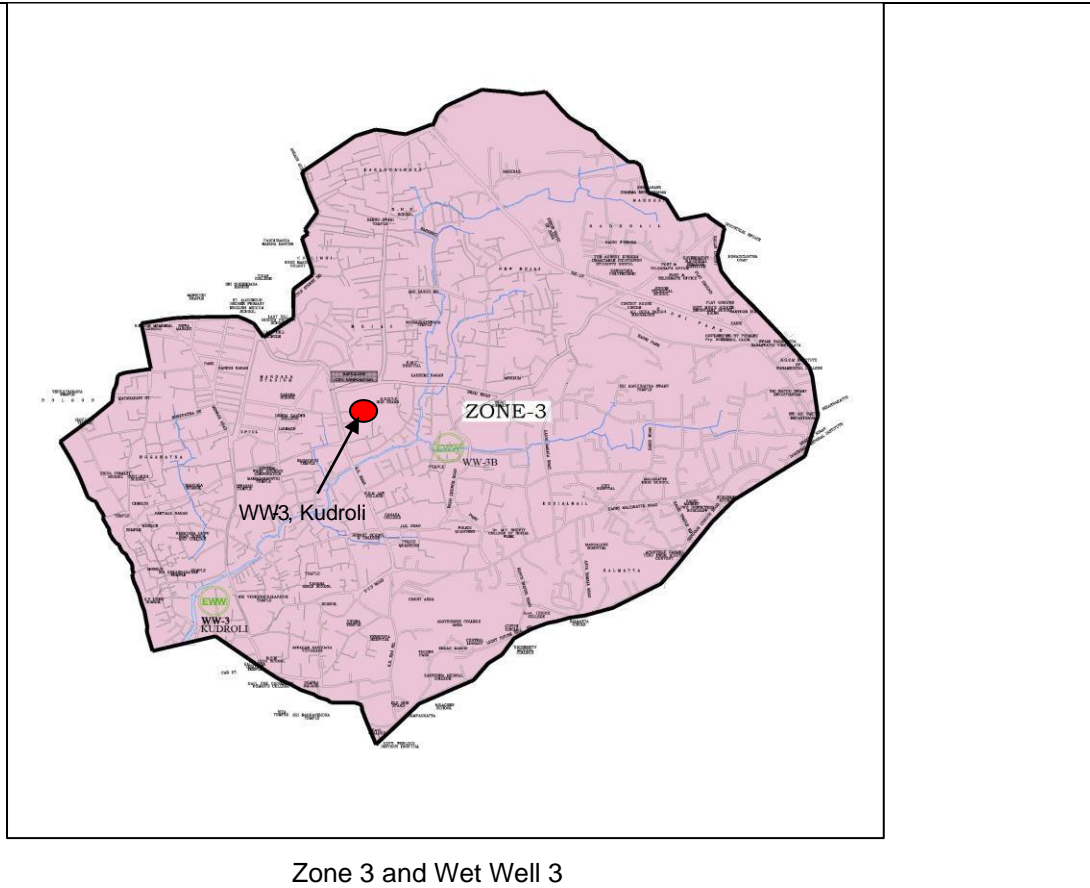
**Public Disclosure Pamphlet**

(distributed prior to and during consultations)

The notice contains a brief description of the project and the name of the responsible officer



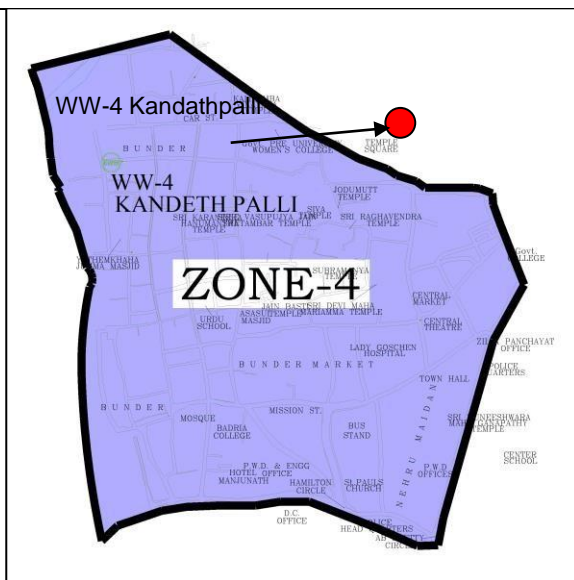


**PUMPING MAIN ALIGNMENTS BY ZONE**

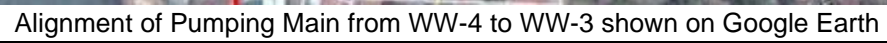


### Alignment of Pumping Main from WW-3 to STP Kavoov

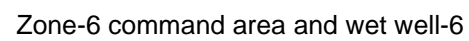
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2

Zone 4 Area and wet well 4



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2





Alignment of Pumping Main Zone 6 on Google Earth map

2



Zone-7 command area and wet well 7



## PHOTOS OF THE ALIGNMENT IN MANGALORE

### Photos of Pumping Main Alignment from Wet Well 3 Kudroli to Sewage Treatment Plant Kavoor

24 affected persons along this alignment

	
<p>Gokarnanatha Temple Road ( GT Road), Road width 4 M Dia of Pipe 1100 mm dia DI K9 class Pipe</p>	<p>Jamia Masjid Road , Road width 4 M Dia of Pipe 1100 mm dia DI K9 class Pipe</p>
	
<p>Jamia Masjid Raod, Road width 4 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>	<p>Matadakani Road, Road width 4 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>



	
Matadakani Road, Road width 4 m Dia of Pipe 1100 mm dia DI K9 class Pipe	Matadakani Road, Road width 4 m Dia of Pipe 1100 mm dia DI K9 class Pipe
	
Matadakani Road, Road width 7 m Dia of Pipe 1100 mm dia DI K9 class Pipe	Urva Marigudi Temple Cross Road, Road width 4 m Dia of Pipe 1100 mm dia DI K9 class Pipe
	
Urva Marigudi Temple Main Road, Road width 6 m Dia of Pipe 1100 mm dia DI K9 class Pipe	Urva Marigudi Temple Main Road, Road width 6 m Dia of Pipe 1100 mm dia DI K9 class Pipe

	
Urva Marigudi Temple Main Road, Road width 6 m Dia of Pipe 1100 mm dia DI K9 class Pipe	Urva Marigudi Temple Main Road, Road width 6 m Dia of Pipe 1100 mm dia DI K9 class Pipe
	
AshokNagara Main Road, Road width 3.8 m Dia of Pipe 1100 mm dia DI K9 class Pipe	Kuntikan-Bajpe Road, Road width 10 m Dia of Pipe 1100 mm dia DI K9 class Pipe



<p>Kuntikan-Bajpe Road, Road width 10 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>	<p>Kuntikan-Bajpe Road, Road width 10 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>
<p>Kuntikan-Bajpe Road, Road width 10 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>	<p>Kuntikan-Bajpe Road, Road width 8 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>
<p>Kuntikan-Bajpe Road, Road width 7 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>	<p>Kuntikan-Bajpe Road, Road width 7 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>

	
<p>Kuntikan-Bajpe Road, Road width 8 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>	<p>Kuntikan-Bajpe Road, Road width 8 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>
	
<p>Kuntikan-Bajpe Road, Road width 8 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>	<p>Kuntikan-Bajpe Road, Road width 8 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>
	
<p>Kuntikan-Bajpe Road, Road width 8 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>	<p>Kuntikan-Bajpe Road, Road width 8 m Dia of Pipe 1100 mm dia DI K9 class Pipe</p>



**Photos of Pumping Main Alignment from Wet Well 4 Kandathpalli to Wet Well 3 Kudroli**  
6 affected persons along this alignment

	
<p>Old Port Road, Road width 6 M Dia of Pipe 900 mm dia DI K9 class Pipe</p>	<p>Old Port Road, Road width 6 M Dia of Pipe 900 mm dia DI K9 class Pipe</p>
	
<p>Old Port Road, Road width 6 M Dia of Pipe 900 mm dia DI K9 class Pipe</p>	<p>Old Port Road, Road width 6 M Dia of Pipe 900 mm dia DI K9 class Pipe</p>
	
<p>Old Port–Kudroli Road, Road width 4.5 M Dia of Pipe 900 mm dia DI K9 class Pipe</p>	<p>Old Port–Kudroli Road, Road width 4.5 M Dia of Pipe 900 mm dia DI K9 class Pipe</p>



Old Port–Kudroli Road,  
Road width 4.5 M  
Dia of Pipe 900 mm dia DI K9 class Pipe







Wet Well Layout,  
Dia of Pipe 900 mm dia DI K9 class Pipe







**Photos of Pumping Main Alignment from Wet Well 6 Mulihitlu to Ridge Manhole**  
 3 affected persons along this alignment

	
<p>Mulihitlu Road, Road width 4.0 M Dia of Pipe 450 mm dia DI K9 class Pipe</p>	<p>Mulihitlu Road, Road width 4.0 M Dia of Pipe 450 mm dia DI K9 class Pipe</p>
	
<p>Mulihitlu Road, Road width 4.0 M Dia of Pipe 450 mm dia DI K9 class Pipe</p>	<p>Mulihitlu Road, Road width 4.0 M Dia of Pipe 450 mm dia DI K9 class Pipe</p>



	
Jeppu Market Road, Road width 6 M Dia of Pipe 450 mm dia DI K9 class Pipe	Jeppu Market Road, Road width 6 M Dia of Pipe 450 mm dia DI K9 class Pipe
	
Morgansgate Road, Road width 8 M Dia of Pipe 450 mm dia DI K9 class Pipe	Morgansgate Road, Road width 8 M Dia of Pipe 450 mm dia DI K9 class Pipe

**Photos of Pumping Main Alignment from Wet Well 7 Jeppu Bappal to Ridge Manhole**

	
<p>Wetwell-7, premises Dia of Pipe 450 mm dia DI K9 class Pipe</p>	<p>Nandigudda first cross road, road width 4m Dia of Pipe 450 mm dia DI K9 class Pipe</p>
	
<p>Nandigudda first cross road, road width 4m Dia of Pipe 450 mm dia DI K9 class Pipe</p>	<p>ULB land road width 5m Dia of Pipe 450 mm dia DI K9 class Pipe</p>
	
<p>ULB land road width 5m Dia of Pipe 450 mm dia DI K9 class Pipe</p>	<p>Railway Crossing at Sooterpete Dia of Pipe 450 mm dia DI K9 class Pipe</p>



	
<p>Kanakarabettu road, Road width 3.5 m Dia of Pipe 450 mm dia DI K9 class Pipe</p>	<p>Kanakarabettu road, Road width 3.5 m Dia of Pipe 450 mm dia DI K9 class Pipe</p>
	
<p>Kanakarabettu road, Road width 3.5 m Dia of Pipe 450 mm dia DI K9 class Pipe</p>	<p>Kanakarabettu road, Road width 3.5 m Dia of Pipe 450 mm dia DI K9 class Pipe</p>
	
<p>Kanakarabettu road, Road width 5 m Dia of Pipe 450 mm dia DI K9 class Pipe</p>	<p>Kanakarabettu road, Road width 5 m Dia of Pipe 450 mm dia DI K9 class Pipe</p>



	
<p>Kanakarabettu road, Road width 5 m Dia of Pipe 450 mm dia DI K9 class Pipe</p>	<p>Kanakarabettu road, Road width 5 m Dia of Pipe 450 mm dia DI K9 class Pipe</p>
	
<p>Kanakarabettu road, Road width 5 m Dia of Pipe 450 mm dia DI K9 class Pipe</p>	<p>Kanakarabettu road, Road width 5 m Dia of Pipe 450 mm dia DI K9 class Pipe</p>
	
<p>Kanakarabettu road, Road width 5 m Dia of Pipe 450 mm dia DI K9 class Pipe</p>	<p>Ridge Manhole at Ekkur Dia of Pipe 450 mm dia DI K9 class Pipe</p>

### DETAILS OF STAKEHOLDER INTERACTIONS IN MANGALORE

Name of the Ward: Hoigebazar, Bolar

Name of the Councillor: Mrs. Kavitha

Area: Mulihithlu

No.	Name and Address of the Person Consulted	Contact No.	Present condition of UGD system	What improvement is required in the present condition	Contacted person is the beneficiary of the proposed project Yes/ No	Proposed project cause any social issue? Yes/ No (If Yes, provide details)
1	Mr. Yathish Shetty S/o Shashindra Shetty Door No 22-7-1061 Mulihithlu Mangalore-575001	7026696920	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No
2	Amitha K Sanil S/o Karunakar Sanil Door No 22-7-987 Mulihithlu Mangalore-575001	9242855917	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No
3	Mrs. Vani W/o Madhava Shrimatha Door No 22-7-1061/5 Mulihithlu Mangalore	9986864998	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No
4	Mr. H Sheena Shetty S/o Madarappa Shetty D. N 227-1061/3 Mulihithlu Mangalore	9141614488	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No
5	Mrs. Umavathi W/o Shashindra Shetty D. No 22-7-989 Mulihithlu Mangalore	9591063388	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No

6	Mrs. Hema W/o Bhaskar Shetty D. No 22-71061/8 Mulihithlu Mangalore	9845869521	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No
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Name of the Ward: Bolar, Emmekere, Morgansgate, Mahakalipadpu

Name of the Councillor: Mrs. Rathikala

Area: Morgansgate

No.	Name and address of the person consulted	Contact No.	Present condition of UGD system	What improvemen t is required in the present condition	Contacted person is the beneficiary of the proposed project Yes/ No	Proposed project cause any social issue? Yes/ No (If Yes, provide details)
1	Sri. Bhagavathi Co-operative Bank Morgan's gate Mangalore	7760328964	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No
2	Mr. Suresh S/o Manjanna Shreya Medicals Morgansgate Mangalore	9035423679	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No

3	Mr. Vinodh Shetty S/o Sadashiva Shetty Siddi canteen Morgansgate Mangalore	7259892378	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No
4	Mr. Devadas Shetty S/o Sheenappa Shetty Morgansgate Mangalore	9449894578	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No
5	Mr. Abdulla S/o Late Y Musthaf K. Mohammed and Co. Plywood shop Morgansgate Mangalore	9980246367	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No

Name of the Ward: Derebail-3 (South), Daddalkad

Name of the Councillor: Mr. Rajaneesh

Area: Derebail- Daddalakadu

No.	Name and Address of the Person Consulted	Contact No.	Present Condition of UGD System	What improvement is required in the present condition	Contacted person is the beneficiary of the proposed project Yes/ No	Proposed project cause any social issue? Yes/ No (If Yes, provide details)
1	Mr. Dasharath S/o Late Mudara D. No 1-8-534 Derebail- Daddalakad Mangalore	9901638209	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No

2	Mr. Justin D'Souza W/o Late D'Souza Philip D. No 1-9-535 Derebail Daddalkadu Mangalore	0824- 2458048	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No
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Name of the Ward: Derebail-5 (North East)

Name of the Councilor: Radhakrishna

Area: Urva Market

No.	Name and address of the person consulted	Contact No	Present condition of UGD system	What improvement is required in the present condition	Contacted person is the beneficiary of the proposed project Yes/ No	Proposed project cause any social issue? Yes/ No (If Yes, provide details)
1	Mr. Radhakrishna Councilor, Ward No 26 Derebail North East Mangalore	9845054799	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No
2	Mr. Nagesh S/o Narayan Souza Chiken Urva Market Mangalore	9972022381	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No

Name of the Ward: Mannagudda  
 Name of the Councilor: Jayanthi Achar  
 Area: Mannagudda, Matadakani Junction

No.	Name and address of the person consulted	Contact No	Present condition of UGD system	What improvement is required in the present condition	Contacted person is the beneficiary of the proposed project Yes/ No	Proposed project cause any social issue? Yes/ No (If Yes, provide details)
1	Mrs. Jayanthi Achar W/o Harish Achar Councilor Ward No 28 Mannagudda Mangalore	7760054523	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No
2	Mr. V. Hari Kamath Matadakani Main Road Mangalore	-	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No

Name of the Ward: Kudroli

Name of the Councillor: Mr. Abdul Azeez

Area: Bokkapatna

No	Name and address of the person consulted	Contact No	Present condition of UGD system	What improvement is required in the present condition	Contacted person is the beneficiary of the proposed project Yes/ No	Proposed project cause any social issue? Yes/ No (If Yes, provide details)
1	Mr. M Abdul Azeez Councilor Ward No 43 Kudroli Ward Mangalore	9845337500	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No
2	Mr. Dinakar S/o Doomanna Mariamma cycle shop Bokkapatna Matadakani Road Mangalore	9980185556	Over flow due to insufficient carrying capacity of pumping main, sewerage bypassed to natural Nala.	Replacement of old pumping mains with sufficient carrying capacity	Yes	No



## PHOTOGRAPHS OF STAKEHOLDER INTERACTIONS IN MANGALORE

Stakeholder interactions with the Ward Councillor Mrs. Kavitha in Mulihithlu area



Stakeholder interactions with Ward Councillor Mrs Rathikala in Morgansgate





Stakeholder Interactions with ward councillor Mr. Rajaneesh



Stakeholder interactions with Ward Councillor Mrs. Jayanthi Achar



Stakeholder Interactions with Ward Councillor Mr. Abdul Azeez



Stakeholder Interactions along with Ward Councillor Mr. Radhakrishna



## **PUBLIC CONSULTATION MEETINGS IN MANGALORE**

### **MINUTES AND SIGNATURE SHEETS OF TOWN LEVEL MEETING IN MANGALORE IN FEBRUARY 2018**

PROCEEDINGS OF THE TOWN LEVEL PUBLIC CONSULTATION MEETING HELD AT MANGALA AUDITORIUM IN MANGALORE CITY CORPORATION ON 15 FEBRUARY 2018 AT 10.30 AM

A public consultation workshop was held under the chairmanship of Honourable Mayor Smt Kavita Senil for replacement of the old sewerage pumping main for Mangalore City at “Mangala Auditorium, Mangalore Municipal Corporation Hall in Mangalore (under ADB assisted KUIDFC Bengaluru KIUWMIP Tranche II Project).

The following members were present

- (i) Honourable MLA Mr Mohinuddin Bawa Mangalore North
- (ii) Deputy Mayor
- (iii) Chief Whip of legislative council
- (iv) Municipal Commissioner Mangalore city corporation
- (v) Joint Municipal Commissioner Mangalore City Corporation
- (vi) Executive Engineer Mangalore city corporation
- (vii) Deputy Project Director RPMU Mangalore
- (viii) Executive Engineer RPMU Mangalore
- (ix) Assistant Executive Engineer KUIDFC, RPMU Mangalore
- (x) Assistant Executive Engineer PIU- Mangalore City Corporation
- (xi) GKW (PMDCS Consultants) Mangalore
- (xii) Members of the press (Journalists Association)

The Deputy Project Director RPMU Mangalore welcomed all the members to the workshop.

He explained the need for replacement of the old sewerage pumping main for Mangalore City. He sought advice and cooperation of the Public for smooth implementation of the project. He stated that the ownership of the project lies with Mangalore City Corporation and that it would be carried out under its supervision. He requested GKW (PMDCS Consultants) Mangalore to make a presentation.

The consultants explained the proposed work of changing the pumping main and the funds allocated.

They explained that as per the Government order PWD 5, PHE dated 10-7-1957, Mangalore UGD work was completed in the year 1970-71 for a population of 2 lakhs. The Municipal area was divided into eight zones. Waste water from zones 1-5 was processed at Kavur STP and at Jappimogur from zones 6-8. The project was implemented by the Public Health Engineering department and later transferred to KUWSDB in the year 1974. It was transferred to the Municipal Corporation along with its maintenance staff in 1994. As per the original design, 250 Kms of sewerage network were laid with 150 mm to 750 mm dia pipes and approximately 8000 manholes were constructed. The pipelines laid under this project are around 50 years old and

due to the continuous flow of sewerage, climate changes and new construction, the pipelines have been damaged and subsequently leakages have occurred. The carrying capacity of the storm water drains is below current demand and excess sewerage flows into the storm water drains causing pollution and disease.

Considering the current demand, it is proposed that the sewerage mains from wet wells at Kudroli, Kavoor Mulihitlu, Kandathpalli, Jeppu Bappal and near Yekkur, should be adopted.

The details of the pumping mains proposed are:

- a. 1100 mm dia DI K9 class pipe pumping main (7.65 Km) –From Wet well No-3, Kudroli to STP at Kavoor, all along the road
- b. 900 mm dia DI K9 class pipe pumping main (0.95 Km) From Wet well No-4 , Kandathpalli to Wetwell No-3, Kudroli all along the road
- c. 450 mm dia DI K9 class pipe pumping main for a total length of 1.7 km from Wet Well No-6, Mulihitlu to Ridge Manhole near Morgan's Gate all along the road
- d. 450 mm dia DI K9 class pipe pumping main for a total length of 1.10 Km from Wet Well No-7, Jeppu Bappal to Ridge Manhole near Yekkur, inside the old STP

The design of the pumping main and the DPR have been prepared for 2046

### **QUESTIONS AND ANSWER SESSION**

1) Question by Sri Hanumanth kamat:

Why was this workshop not conducted prior to preparation of DPR under ADB Tranche 2 project? Under ADB Tranche 2 Project, who has prepared the list of works to be taken up? Is the Koddal Guttu(Empire Mall) sewerage line proposed to be laid up to Kudroli wetwell and is Koddal Guttu sewerage mainline to Kudroli wetwell added in this Project? What is the time period for completing the work?

**Answer:**

Executive Engineer PIU Mangalore City Corporation explained that the DPR was prepared after detailed discussion with corporation engineers and elected members and that the Council has approval the project. M/S GKW Consultants clarified that at Koddal Guttu to Kudroli wetwell, the pumping work is in zone 3 and zone 5 and the work will commence after the rainy season.

2) Question by Sri Ragav S:

What is the project cost, what is the interest rate for Tranche 2 ADB Project loan and the repayment schedule ? Will the DI pipe will last for 30 years?

**Answer:**

The Deputy Project Director Mangalore explained the ADB loan, rate of interest and repayment schedule and M/S GKW Consultant clarified that the DI pipe would last for 30 years.

3) Question by Sri Munir Kattapalle:

He stated that 55.5 Cr has been mis-utilised to cover up of the shortcomings of the previously executed work under KUDCEMP. The estimated cost of the pumping main of Rs 60 Cr has been artificially increased to Rs 93.3 Cr at the time of tender notification. Thus fraudulent practises have taken place?

**Answer:**

The Executive Engineer Mangalore replied that the DPR had been prepared for 76.15 Cr and provisions were made for underground facilities like water supply lines, electrical connections, manholes, and road side drains and for restoration of road works. The new DPR has been prepared as per schedule rates for 2015-16. M/S DRS Info Tech Hyderabad has quoted the lowest tender rate for 93.55 Cr. The rates have gone up due to the revision of rates, as per the current SR for the year 2016-17 and GST implementation. A comparative statement for the same has been prepared.

4) Question by Sri Munir Kattapalle:

Will effluents from the houses be fed to the pumping mains?

**Answer:**

Effluents from all the houses will not be fed to the pumping mains but to the manholes and from the manholes to wet wells. The tender for the left out pipe lines will be called soon. The DPD has also clarified that he is working for Mangalore Municipal Corporation and that the PIU Office is located in the corporation complex building and that this project belongs to the Municipal Corporation. During commencement of various packages public consultation workshops would be conducted and has requested cooperation of all the stakeholders.

5) Question by Dr Nambiar of Mallikatte:

The manholes near his residence are blocked and when will it be cleared?

**Answer:**

Municipal Corporation Engineer Shri Raghupal said that the work is included under AMRUT project for zones 3 and 5 packages and this work will commence after completion of the rainy season.

6) Question by Lawrence D'Souza:

There is leakage in the manholes in his ward and through the drain, the leaked sewerage water joins the dam and pollutes it. The contractors are not maintaining it properly, hence the manholes should be made leak proof and has requested for rectification.

**Answer:**

Municipal Corporation Engineer Shri Raghupal said that the work is included under this package and that rectification would be carried out soon.

7) Question by Maxima D'Souza:

Request a UGD connection to his residence which is in ward no 30.

**Answer:**

GKW Design Engineer said that no tender has been called for this ward yet

8) Question by Sri Imtiaz of Suratkal

There is a problem of open drain and water is overflowing and has requested rectification of the same.

**Answer:**

The Honourable MLA explained that this work is included in the 2nd phase of AMRUT and the previous project would be investigated. He would meet the Honourable Chief Minister for to carry out an investigation.

9) Question by Sri Padnaba of Ullal:

There would be interest until the completion of the project and after that there would be no interest for operation and maintenance of the works. Proper care should be taken by employing permanent employees; he also asked whether permission has been

taken from Karnataka Urban water, Sanitation and drainage Board (KUWSDB) for works costing more than Rs 50,000/-

**Answer:**

The Assistant Executive Engineer of RPMU Mangalore replied that both the operation and maintenance of Mangalore UGD would be the responsibility of the contractor for a period of one year and later would be the responsibility of the Mangalore City Corporation.

10) Question by Sri Ashwin Attavar:

He asked why sewerage work was not properly completed under ADB 1st phase and hence the drinking water is getting polluted?

**Answer:**

M/S GKW consultants answered that the sewerage work will be completed at Vidyanagara under AMRUT scheme after completion of the railway bridge.

11) Question by Sri Yashwanth Pandeshwar:

He stated a problem of drainage water overflowing in his area and has requested rectification of the same.

**Answer:**

The Municipal Engineer of Mangalore City Corporation has replied that it would be rectified within 3 months.

12) Question by Smt Uma Sherman

She asked why there is no UGD line for 25 residential houses of Car street near Ram Mandir at Morgan's gate.

**Answer:**

The Municipal Engineer of Mangalore City Corporation replied that this work is not included in this project. The area is slopes towards the Netravathi River. 20 cents of private land is required to construct a STP.

13) Question by Smt Rathna S on behalf of BSNL Mangalore

She asked for provisions in the DPR for possible damages to the BSNL cables during excavation for laying of UGD pipelines.

**Answer:**

The Honourable Mayor had explained that directions would be given to the concerned contractor that prior intimation should be given by him before carrying the excavation work and any damages existing to BSNL lines would be borne by the contractor.

14) Question by Representatives of Mangalore Chambers of Commerce:

Sought clarification about water logged areas and if RCC NP3 pipes would be used in the laterite area.

**Answer:**

GKW consultants have clarified that in water logged areas RCC NP3 pipes would be used.

15) Question by Sri Abdul Hameed :

He asked whether Mangalore old Port area is included in this project.

**Answer:**

GKW consultants have clarified that Kandapally -4 is included and that 2 trunk mains will be provided.

16) Questions by Sri Imtiaz of Suratkal.

He asked whether 200-300 houses of Industrial area of APMC yard, KIADB and BPCL are included in this sewerage project and whether there is space available for construction of wet wells and if it has been demarcated.

Whether NOC is obtained from Railway Department, and whether problem of open drains in Angangudi will be solved?

**Answer:**

Corporator Sri Purshotam Chitrapur of Mangalore City Corporation clarified that 200-300 houses of Industrial area of APMC yard, KIADB and BPCL are included in this sewerage project and that space has been identified for construction of wet wells. A letter would be dispatched to Railway Department for obtaining NOC.

17) Questions by Sri Sudhir Shetty of Kannur

He sought an explanation for the non-inclusion of Kannur in this sewerage project .

**Answer:**

The GKW consultants have clarified that as per survey of Kannur area, there is a lot of difference in the levels of land and construction of an STP by the side of National Highway is difficult and also due to the proximity of the river nearby, secondly as there is no available Government Land and hence land acquisition is a time consuming process.

The Honourable Mayor of Mangalore City Corporation expressed a vote of thanks to all the members of the public, officials and participants and the work shop was concluded.







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Page 6 of 7

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ಮಂಗಳೂರು

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ಹಾಗೂ 15-2-2018  
ಕಡೆ - H.C.C. ಕಛೇರಿ  
ಕಾಲ - 10:30 (ಬುಧವಾರ) 12:30 (ಶುಕ್ರವಾರ)

ಬರೆಯ:- ಬುಧವಾರದ ಕೃಷಿ ಪ್ರಾಂಶುಪಾಲಕರು 2ನೇ ಸಂಖ್ಯೆಯ  
ಬರೆಯದೇ ಬಾಡಿಗೆ ಪ್ರಾಂಶುಪಾಲಕರು ಕೃಷಿ ಪ್ರಾಂಶುಪಾಲಕರು  
ಕೃಷಿ ಪ್ರಾಂಶುಪಾಲಕರು ಕೃಷಿ ಪ್ರಾಂಶುಪಾಲಕರು

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ಕೃಷಿ ಪ್ರಾಂಶುಪಾಲಕರು ಕೃಷಿ ಪ್ರಾಂಶುಪಾಲಕರು

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ಕ್ರಮ	ಹೆಸರು	ಹುದ್ದೆ	ಹೆಸರು
1	Kavitha Srinivas	Mayor, H.C.C.	
2	O.A. Murali	Deputy Mayor	
3	Rajaram	Deputy Mayor	
4	S.P. Srinivas	Deputy Mayor	
5	R.S. Linga Srinivas	Deputy Mayor	
6	Ramachandra Srinivas	Deputy Mayor	
7	Ramachandra Srinivas	Deputy Mayor	
8	Ramachandra Srinivas	Deputy Mayor	
9	Ramachandra Srinivas	Deputy Mayor	
10	Naveen B. D. Srinivas	Deputy Mayor	
11	Ramachandra Srinivas	Deputy Mayor	
12	Ramachandra Srinivas	Deputy Mayor	
13	Ramachandra Srinivas	Deputy Mayor	
14	Ramachandra Srinivas	Deputy Mayor	
15	Ramachandra Srinivas	Deputy Mayor	
16	Ramachandra Srinivas	Deputy Mayor	

17	Kumar Sundar	Abn. Corporation	17/05/2018
18	Dinesh P.S.	Nominal Corporation	18/05/2018
19	Jaganth Acharya	Corporator	19/05/2018
20	Ana Dharma	Corporator	20/05/2018
21	Vijay Kumar Singh	"	21/05/2018
22	Sudhar Shetty	Corporator	22/05/2018
23	Kamilla	Corporator	23/05/2018
24	Pedana	Corporator	24/05/2018
25	Rajendra Babu	Corporator	25/05/2018
26	Gunasekaran Shetty	Corporator	26/05/2018
27	G. Suresh Babu	"	27/05/2018
28	Rajendra Kumar	Corporator	28/05/2018
29	K.P. Subramanian	DPF 576 606 611	29/05/2018
30	Parale Lakshmi	DPF 576 606 611	30/05/2018
31	Chitra B. Bhat	DPF 576 606 611	31/05/2018
32	Vasanthakumari, KCT	DPF 576 606 611	32/05/2018
33	Yogesh. Soppinamangudi	CITU City Secretary	33/05/2018
34	Prabakaran Gnanendran	St. Agnes' School	34/05/2018
35	Alvin Tony	St. Agnes' College, Muv	35/05/2018
36	Manjula Jeyaraj	St. Agnes' College, Muv	36/05/2018
37	Bibin Joseph	St. Agnes' College, Muv	37/05/2018
38	Tony Mathew	St. Agnes' College, Muv	38/05/2018
39	Manjula Jeyaraj	St. Agnes' College, Muv	39/05/2018
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98	Manjula Jeyaraj	St. Agnes' College, Muv	98/05/2018
99	Manjula Jeyaraj	St. Agnes' College, Muv	99/05/2018
100	Manjula Jeyaraj	St. Agnes' College, Muv	100/05/2018



3. No.	Photo	Address	Age	Prof.
68.	Suresh B.S.	9740629846		Govt
69.	M. Sanyasi Reddy	9491813355		Govt
70.	Sankaraj Reddy	8970854816		Govt
71.	Surya Kumar	9764185931		Govt
72.	Vijay Reddy	8861650107		Govt
73.	Shankar Reddy	9845590299		Govt
74.	Vijay Reddy	9448529358		Govt
75.	R.S. Karanth	9449056770		Govt
76.	R.S. Yashwanth	9886983063		Govt
77.	Thakuram	9469139903		Govt
78.	Mohan Anjan	7795857565		Govt
79.	Sankaraj Reddy	9964141944		Govt

75.	RAT VATHIEN PAI	Suburban KES		
76.	P. S. SURESH KUMAR	Vice President KES		
77.	J. S. Ganesha	Program Manager CDP		
78.	N. S. S. S.	CDP		
79.	RAMESH KUMAR	Corporate		
80.	NARAYAN SHARMA	KEB, MA		
81.	GURUDEV - MURUGU	BB, MCL		
82.	D. S. S.	BB		
83.	S. S. S.	A. S. S.		
84.	Gurudev	KE		
85.	Rajakrishna Reddy	Socialist Party		
86.	N. Benjamin	CDP		

87.	R. S. S.	Suburban KES		
88.	A. K. S.	B. S. S.		
89.	S. S. S.	B. S. S.		
90.	R. S. S.	B. S. S.		
91.	K. S. S.	B. S. S.		
92.	S. S. S.	B. S. S.		
93.	T. S. S.	B. S. S.		
94.	Chandrababu Naidu	BB, MCL		
95.	M. S. S.	B. S. S.		
96.	N. S. S.	B. S. S.		
97.	S. S. S.	B. S. S.		
98.	Hassan Vitha	IEC		

99.	S. S. S.	B. S. S.		
100.	Narayan Kumar	BB		
101.	R. S. S.	B. S. S.		
102.	S. S. S.	B. S. S.		
103.	S. S. S.	B. S. S.		
104.	S. S. S.	B. S. S.		
105.	A. S. S.	B. S. S.		
106.	P. S. S.	B. S. S.		
107.	S. S. S.	B. S. S.		
108.	S. S. S.	B. S. S.		
109.	N. S. S.	B. S. S.		
110.	B. S. S.	B. S. S.		

* 54	Shree	9341191966	Shree
111	Shree	994588990	Shree
112	Karthika	9341191966	Rathi
113	Chandika S.K.	9341191966	Shree
114	Manisha S	9341191966	Shree
115	Jagpreet K	9341191966	Shree
116	Praveen Rao	9341191966	Shree

## **MINUTES AND SIGNATURE SHEETS OF WARD LEVEL MEETING IN MANGALORE 17 Sept 2018**

A ward level public meeting was conducted on 17.09.2018, 3 p.m. at Mulilith for ward No. 58 of Mangaluru regarding the ADB assisted KUIWMIP U.G.D and urban water supply project

Attendance: As per Attendance register

The meeting was presided by the Corporator of 58<sup>th</sup> ward Ms Rathikala.

The EE Mr.Suraj, Mr Benjamin KUIDFC Bangalore, KUIWMIP AEE Mr. S.K. Shafeeq, Mr .B.Y. Venkataramana GKW Consultants Engineer, Mr J.P KUIWIMIP and other officials were present.

The meeting was started with prayer by Mr. Bhaskur Arjun .Kamble.

Smt. Rathikala, the Corporator welcomed the public and asked KUIDFC and GKW officials for details of water supply and pumping main projects.

KUIWMIP EE Mr, Suraj explained the pumping main and water supply project, the inconvenience during the work to the public and requested support and suggestions from the public for the project.

GKW Design Er. Mr. JP explained the pumping work implementation, the budget and the pipelines:

1000 mm D1.K9 CLASS Pipe line work from kudroli wet well to STP KAROOR.

450MM D1 K9 Class pipe line from Mulihithlu wet well to cassia church.

750 mm D1K9 Class Pipe Line KandathPalli Wet Well to Kudroli Wet well

450mm D1. K9 Class Pipe Line from Jeppubuppall toYekkun Old Wet Well.

He explained that the project is being considered for the next 30 years and the budget is 93.50 Cr. He explained how the ADB assisted tranche-2 Project to upgrade the water distribution system for 24X7 water supply system is also proposed. He provided details of the project such as the project cost being Rs. 390 crores, that the maintenance cost for eight years is Rs.381.52 crore and that it has been approved by the council. He explained that the construction of 20 OHTS and 2 GLSR is included in the proposal to provide clean water supply pipe line. He explained that bulk meters will be fixed to gauge the quantity of supply and distribution of water.

He requested suggestions and support from the public.

He thanked everyone and meeting ended.

EE

KIUDFC KUIWIMIP

Mangaluru.





**MINUTES AND SIGNATURE SHEETS OF WARD LEVEL MEETING IN MANGALORE**  
**18 Sept 2018**

The proceeding of the ward level public consultation meeting conducted on 18.09.2018, 11 AM. at Nandigudda for ward No. 55

Attendance: As per Attendance register

Regarding ADB KUMIP- Tranche-2, U.G.D and urban water supply project

The meeting was presided by the hon Corporator Saylaja.

The EE Mr.Suraj, Sri. Benjamin KUIDFC Bangalore, KUIWMIP AEE Mr. S.K. Shafeeq, Sri.B.Y. Venkataramana GKW Consultants Engineer, Sri J.P KUIWMIP and other officials were present.

Sri. M.R. Balakrishna SDO, GKW, Consultancies welcomed the all participants and meeting started with prayer by Mr B.A. Kamble.

Smt Saylaja, the corporator welcomed the public to the meeting and asked KUIWMIP and GKW officials to explain the project to the public.

KUIWMIP EE Mr, Suraj explained the pumping main and water supply project, the inconvenience during the work to the public and requested support and suggestions from the public for the project GKW Design Er. Mr. JP explained the pumping work implementation, the budget and the new proposals:

1000 mm D1.K9 CLASS Pipe line work from kudroli wet well to STP KAROOR.

450MM D1 k,9 Class pipe line from Mulihithlu wet well to cassia church.

750 mm D1K9 Class Pipe Line KandathPalli Wet Well to Kudroli Wet well

450mm D1. K9 Class Pipe Line from Jeppubuppall toYekkun Old Wet Well.

He explained that the project is being considered for the next 30 years and the budget is 93.50 Cr. He explained how the ADB assisted tranche-2 project to upgrade the water distribution system for 24x7 water supply system is also proposed. He provided details of the project such as the project cost being Rs. 390 crores, that the maintenance cost for eight years is Rs.381.52 crore and that it has been approved by the council. He explained that the construction of 20 OHTS and 2 GLSR is included in the proposal to provide clean water supply pipe line. He explained that bulk meters will be fixed to gauge the quantity of supply and distribution of water.

He requested suggestions and support from the public.

He thanked everyone and meeting ended.



**Ward Level Public Consultation Meeting  
Bengre, Ward No: 60 on 08-02-2019  
at 5.00pm at Mogaveera Sabha Bhavana, Ferry Road, Rangamandira  
and Mahavishnu Sheshashayana Bhajana Mandira Sabha Bhavan, Mangaluru**

The public consultation meetings in Bengre ward were conducted in two locations (as desired by the Corporator). The meeting was presided over by Smt. Meera Karkera, Corporator of Bengre Ward no 60, Mangaluru City Corporation.

Prior to the meetings invitations were sent out; a notice was posted in the newspaper; meetings were held with the corporator to brief her on the project, its importance and the importance of public consultations in the ward.



**Requesting households to attend the Public consultation (by the Local Corporator and officials of KUIDFC)**

Over 57 stakeholders of the ward attended these meetings (34 at the Mogaveera Sabha Bhavan and 23 at the Mahavishnu Sabha Bhavan). Six officials attended the meetings.



Public Consultation at Mahavishnu Sheshashayana Bhajana Mandira Sabha Bhavan, Bengre.



Public Consultation at Sabha Bhavana, Ferry Road, Rangamandira Bengre.

The officials of KUIDFC welcomed the gathering and provided detailed information on the proposed Water Supply Project. This included the source of water, raw water raising mains, WTP (Water Treatment Plants), pure water distribution networks, house service connections and water metering.

Stakeholders raised questions such as:

1: They receive intermittent water supply on alternative days with the frequency of 1-2 hours. This is not sufficient to meet their day to day water demand. Why is this happening?

**Response:** Mangalore city faces water scarcity during summer. The 24 X 7 Water Supply Project has been approved for Mangaluru city to overcome this issue. Tendering is under progress.

2. Is road restoration included in the project? How will you restore the roads to its original condition?

**Response:** The cost of road restoration is included in the DPR

3: Which OHT water will be supply water to the Ward?

**Response:** Water is being supplied from a dedicated OHT at Panambur to the ward.

4. Why is the ward not included in the UGD project?

**Response:** It is planned to include the ward for UGD works in the next phase.

5. (by ex-corporator) -status of the existing pipeline after the implementation of 24X7 water supply?

**Response:** The pipeline may be replaced after assessment.

6. We need concessions on water supply connections as we belong to a poor fishing community?

**Response:** In accordance with the 'Pro-Poor Policy' of Mangaluru City Corporation, concessions will be provided to Economically Weaker Sections (EWS) of the communities.

7. Why can we not have water from an OHT between Tanniru Bavi and Bengre ward?

**Response:** Due to geographical and technical reasons, it is not possible to construct new OHT in Bengre ward. To ensure 24 X7 Water supply and cater to the existing water demands, water is being supplied from a dedicated OHT at Panambur.

8. What is the mechanism for grievances regarding water tariffs?

**Response:** A customer service centre will be established for day today grievances and issues of consumers.

9. Will there be a separate water tariff payment counter to avoid delay

**Response:** All House Service Connections have meters and volumetric bills will be raised regularly by the service provider. Separate counters will be established by the City Corporation Mangaluru to receive water tariff from customers. The contractor will be paid on performance

basis by the City Corporation Mangaluru. The contractor will run the whole water supply system for eight years (their O&M period).

10. What is the mechanism to address the grievances during the project implementation?

**Response:** The Officials of PIU described the grievances redressal mechanism in detail


Other issues discussed during the meeting included who would pay for the water meter, water quality, reduction of non-revenue water (NRW) and regularizing unauthorized connections.

Participants assured the officials that they support the project and will cooperate during construction.

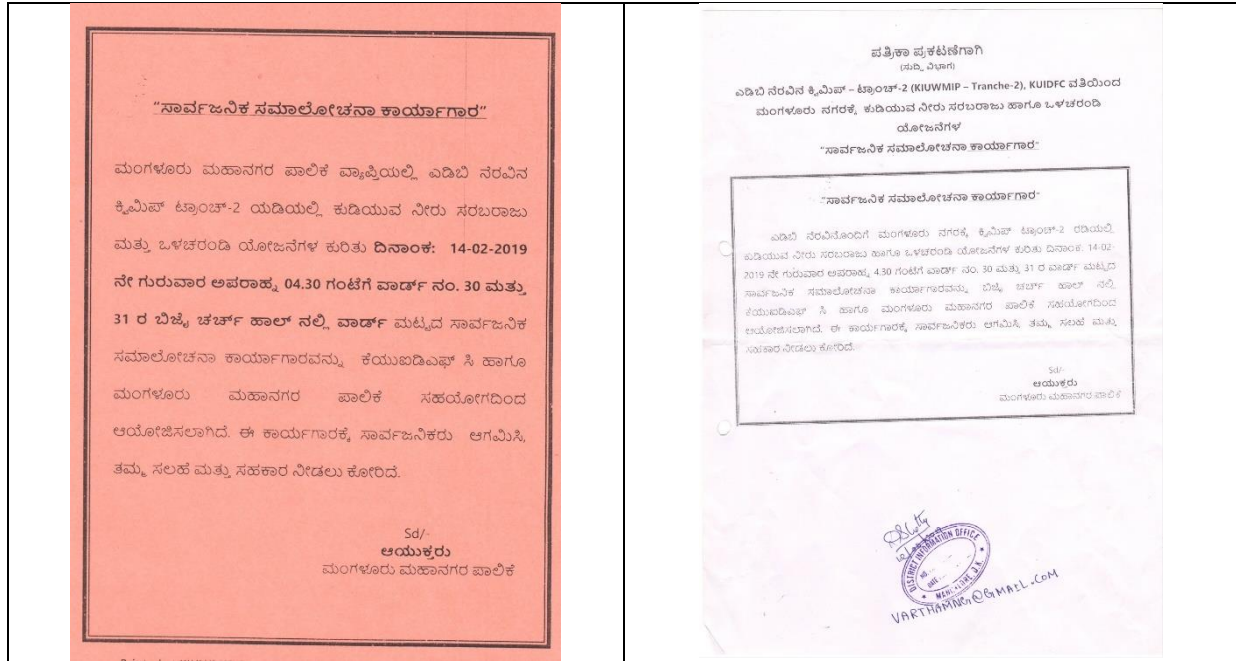
**Public Consultation Meeting**  
**at Bejai church mini hall of Mangalore**  
**14-02-2019 at 4.30PM**  
**Ward No 30 & 31**

On 14.02.2019, the Corporation organized a Ward level Public Consultation Meeting at TMC Bejai church mini hall of ward No 30 & 31.

To facilitate the process, individual letters were sent to all corporators to take a lead in organizing the meetings. The City Corporation posted a paper notification in the Vijaya Karnataka newspaper.

Notice in the Vijaya Karnataka Newspaper	
	
Notice Regarding the Ward Level Public Consultation Posted at KUIWMIP –PIU Mangalore and distributed to residents	Ward Level meeting Notification from Mangalore City Commissioner





Twenty eight stakeholders, two corporators and nine officials attended the meeting.







The AEE of Mangalore PIU Mangalore welcomed the gathering. The ex PMDCSC Design Engineer Mr Jaya Prakash gave a detailed report on the proposed Water Supply Project

The following issues were raised during the meeting-

- Mr Alan Ferreira asked if there was UGD provision for residents near Bejai Church area.
- Mr Devi Prasad said that the old UGD connection blocks the road and due to over flow of the sewerage causes stagnant water and mosquito breeding. This needs to be addressed immediately. To avoid a park, it is requested that the pipeline go through Kadri-kambala. It is requested that all encroachments on the storm water drains be identified by the officials for the maintenance of existing open wells as a sustainable source of water.
- One of the sisters of the school requested that the UGD works near Kunthkana start in April /May 2019 so that the school children are safe. She requested that safety sign boards in Kannada be installed wherever digging happens.
- The corporator from Kodialbail in Viveknagar said that the UGD was constructed long ago but connections were not available for 80 households and this needed to be addressed.
- One of the stakeholders expressed his concern that the road had been damaged in the earlier UGD works and urged immediate restoration.

Other issues discussed during the meeting included those on the water meter costs, pro-poor water connection /procedures, water tariff slabs, water quality, reduction of non-revenue water (NRW), new UGD works in uncovered areas, regularizing unauthorized connections, higher water tariff for bulk consumers like hotels, schools etc and contracts.

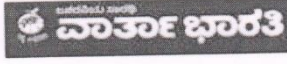
### Attendance Sheet with Signatures for the Meeting

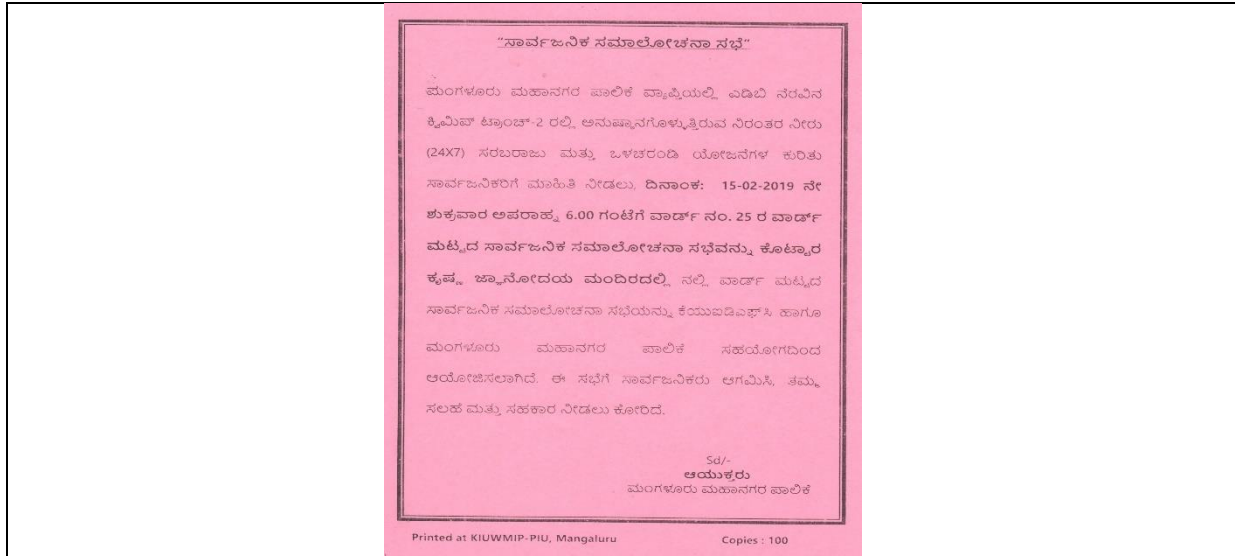
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**Ward Level Public Consultation Meeting  
Ward No 37 and 48- Maroli and Valencia  
Held at KrishnaGnanaMandir Temple on 15-02-2019 at 6.30 PM**

Ward level public consultation meetings were held for the two wards of Maroli & Valencia (Ward No 37 & 48).

To facilitate the process, individual letters were sent to all corporators to take a lead in organizing the meetings. The City Corporation posted a paper notification in the Vijaya Karnataka newspaper.

Notice in the Vijaya Karnataka Newspaper
 <p style="font-size: 1.2em; font-weight: bold; margin: 10px 0;">ಸಾರ್ವಜನಿಕ ಸಮಾಲೋಚನಾ ಕಾರ್ಯಾಗಾರ</p> <p>ಮಂಗಳೂರು, ಫೆ.14: ಎಡಿಬಿ ನೆರವಿನೊಂದಿಗೆ ಮಂಗಳೂರು ನಗರಕ್ಕೆ ಕ್ಲಿಮಿಪ್ ಟ್ರಾಂಚ್-2 ರಡಿಯಲ್ಲಿ ಕುಡಿಯುವ ನೀರು ಸರಬರಾಜು ಹಾಗೂ ಒಳಚರಂಡಿ ಯೋಜನೆಗಳ ಕುರಿತು ಫೆ.15ರಂದು ಸಂಜೆ 6 ಗಂಟೆಗೆ ವಾರ್ಡ್ ನಂ.25ರ ವಾರ್ಡ್ ಮಟ್ಟದ ಸಾರ್ವಜನಿಕ ಸಮಾಲೋಚನಾ ಕಾರ್ಯಾಗಾರವನ್ನು ಕೊಟ್ಟಾರ ಕೃಷ್ಣ ಜ್ಞಾನೋದಯ ಮಂದಿರದಲ್ಲಿ ಹಮ್ಮಿಕೊಳ್ಳಲಾಗಿದೆ.</p> <p>ಫೆ.17ರಂದು ಅಪರಾಹ್ನ 4:30ಕ್ಕೆ ವಾರ್ಡ್ ನಂ.59ರ ವಾರ್ಡ್ ಮಟ್ಟದ ಸಾರ್ವಜನಿಕ ಸಮಾಲೋಚನಾ ಕಾರ್ಯಾಗಾರವನ್ನು ಸೂಟರ್ ಪೇಟೆ ರೈಲ್ವೆ ಗೇಟ್ ಬಳಿಯ ಬೃಹದ್ ಬೈರೋಗಳ ಗರಡಿ ಕನಕರಾಜೇಶ್ವರಿನಲ್ಲಿ, ಕೆಯುವಡಿ ಎಫ್ ಸಿ ಹಾಗೂ ಮಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಸಹಯೋಗದೊಂದಿಗೆ ಆಯೋಜಿಸಲಾಗಿದೆ.</p> <p style="font-size: 0.8em;">Page No. 2 Feb 15, 2019 Powered by: erelego.com</p>
Notice Regarding the Ward Level Public Consultation Posted at KUIWMIP –PIU Mangalore



Only eleven citizens attended the meeting.  
Seven government officials and one Corporator were present.



The AEE of Mangalore PIU Mangalore welcomed the gathering and invited the Corporators. The ex PMDCSC Design Engineer Mr Jaya Prakash gave a detailed report on the proposed Water Supply Project.

The Ex- Corporator of the ward asked if the civil work could be started quickly due to the approaching monsoons (when delays would set in). He suggested connecting the UGD line from Kottara Chowk to the high way and connecting of two manholes in Kottara (under AMRUT) should be included in the interest of health and hygiene in the area.

The issue of land acquisition at Kodikal for the OHT was discussed.



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**Public Consultation Meeting  
Ward Level  
Ward No 37 and 48- Maroli and Valencia  
Held at Suryanarayanaryana Temple on 15-02-2019 at 4.30 PM**

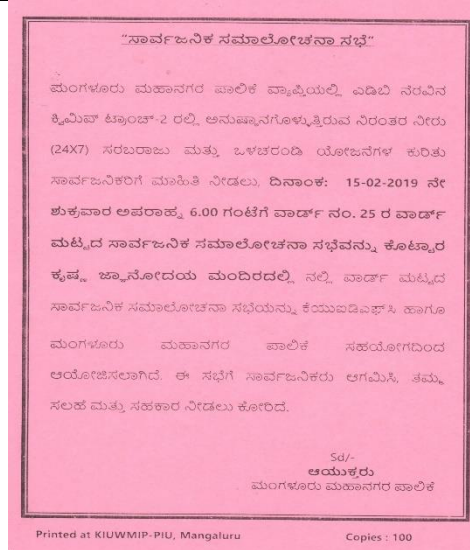
Ward level public consultation meetings were held for the two wards of Maroli & Valencia (Ward No 37 & 48).

To facilitate the process, individual letters were sent to all corporators to take a lead in organizing the meetings. The City Corporation posted a paper notification in the Udayavani Kannada newspaper.

Notice in the Udayvani Kannada Newspaper



Notice Regarding the Ward Level Public Consultation Posted at KUIWMIP –PIU Mangalore



Forty Seven stakeholders attended the meeting.  
Seven government officials and one Corporator were present.

The IEC Specialist of RPMU Mangalore welcomed the gathering and invited the corporators of Ward No 37 & Ward No 48 to the dias. The AEE of PIU Mangalore welcomed the gathering. The ex PMDCSC Design Engineer Mr Jaya Prakash gave a detailed report on the proposed Water Supply Project.







**Questions that were asked included:**

- What sort of material is being used for new pipeline?
- What are you going to do the old pipelines?
- Due to collusion and mismanagement of the valve men, we get water one day and next day we do not get water, how do you address this issue.
- What is the diameter of the pipe proposed to be laid to apartments?
- What is the pressure of water supply in the proposed scheme?
- The existing water meters are being repaired three times in a year. This increases the burden on the consumer and is more than the water bill in a year. How do you plan to address this problem?
- What precautionary measures are being taken to avoid damage to the existing pipe during construction?
- What is the project period and when will the project start?
- Areas like Kunjathabail receive excess water. Please ensure equal distribution of water to all the areas of the city?
- Some areas of the city receive only raw water. Will this be remedied in the proposed 24 X 7 water supply?
- What is the process for certification of proposed material?
- Who is responsible for consumer grievances?
- All connections should be provided along the older water supply line
- Some elevated areas are not getting sufficient water. How do you plan to address this?
- How will you address the problem of illegal connections?
- There are areas without water supply due to rampant city development in the last 10 years? It is necessary to provide new pipe lines to these areas to provide drinking waters.
- Which areas use the existing pipes?
- A meeting agenda for the Public Consultation should have been provided well in advance and proper logistical arrangements should have been made.
- Most of the participants demanded a brief note on project components and details
- From the Father Muller Hospital area to pump well and Mahakali Temple, the sewerage line is chocked during the rainy season. This has resulted in 25 cases of Dengue. Water also flows into the temple premises. What are the remedial measures being initiated to resolve this issue?
- Is the missing link will be prepared between Pump well to Kadekar?

- Due to seepage of sewer water, a 150 year old open well has been contaminated. How do you plan to address this issue?

The Project team addressed all the questions individually.

Other issues discussed during the meeting included those on the water meter costs, pro-poor water connection /procedures, water tariff slabs, water quality, reduction of non-revenue water (NRW), new UGD works in uncovered areas, regularizing unauthorized connections, higher water tariff for bulk consumers like hotels, schools etc and contracts.

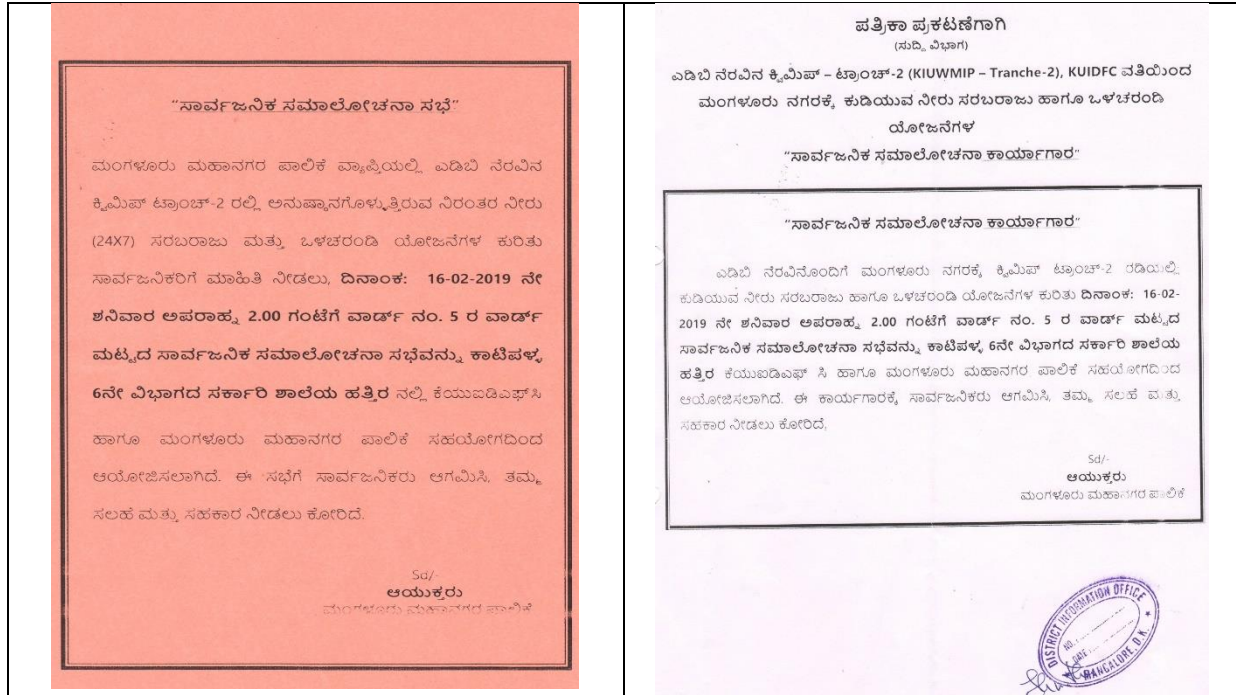
The stakeholders and the Corporator were unhappy with the absence of the contractors and PMDCSC. They insisted that before the next meeting, the organizers should provide better project related materials. They said that there was poor interaction with citizens by the PIU, UGD works of the earlier project were incomplete; that there was a lack of a dedicated unit for dissemination of project information to stakeholders on a regular basis and no updates on project progress were provide to the public.

**Public Consultation Meeting  
Ward Level  
Ward No 5- Suratkal Area  
Government Higher Primary School, Katipalla,  
on 16-2-2 2019 at 2.00 PM**

Ward level public consultation meetings were held for the Ward No 5 in Suratkal.

To facilitate the process, individual letters were sent to all corporators to take a lead in organizing the meetings. The City Corporation posted a paper notification in Sudina Mangalore.

Notice in the Sudina Mangalore Newspaper	
 <p style="text-align: center;"><b>ಉದಯವಾಣಿ</b> ಜನಮನದ ಪತ್ರಿಕೆ</p> <p style="text-align: center;"><b>ಇಂದು ಸಾರ್ವಜನಿಕ ಸಮಾಲೋಚನ ಸಭೆ</b></p> <p>ಮಹಾನಗರ, ಫೆ. 15: ಎಡಿಬಿ ನೆರವಿನೊಂದಿಗೆ ನಗರಕ್ಕೆ ಕ್ಲಿಪ್ಪಿಂಗ್ ಟ್ರಾಂಚ್-2 ರಡಿಯಲ್ಲಿ ಕುಡಿಯುವ ನೀರು ಸರಬರಾಜು ಹಾಗೂ ಒಳಚರಂಡಿ ಯೋಜನೆಗಳ ಕುರಿತು ಫೆ. 16ರಂದು ಮಧ್ಯಾಹ್ನ 2 ಗಂಟೆಗೆ ವಾರ್ಡ್ ನಂ. 5ರ ವಾರ್ಡ್ ಮಟ್ಟದ ಸಾರ್ವಜನಿಕ ಸಮಾಲೋಚನ ಸಭೆಯನ್ನು ಕಾಟಿಪಳ್ಳ 6ನೇ ವಿಭಾಗದ ಸರಕಾರಿ ಶಾಲೆಯ ಹತ್ತಿರ ಕೆಯುಎಡಿಎಫ್‌ಸಿ ಹಾಗೂ ಮಹಾನಗರಪಾಲಿಕೆ ಸಹಯೋಗದೊಂದಿಗೆ ಆಯೋಜಿಸಲಾಗಿದೆ. ಸಾರ್ವಜನಿಕರು ಆಗಮಿಸಿ ಸಲಹೆ ಮತ್ತು ಸಹಕಾರ ನೀಡಬೇಕೆಂದು ಮಂಗಳೂರು ಮಹಾನಗರಪಾಲಿಕೆ ಆಯುಕ್ತರು ಕೋರಿದ್ದಾರೆ.</p> <p style="background-color: black; color: white; text-align: center;"><b>16/02/2019 Sudina(Mangaluru) Pg 03</b></p>	
Notice Regarding the Ward Level Public Consultation Posted at KUIWMIP –PIU Mangalore and distributed to residents	Ward Level meeting Notification from Mangalore City Commissioner



Officials from KUIDFC, PIU and GKW consultants (social development specialist) made door to door visits to invite residents to attend the meeting. Around 24 stakeholders attended the meeting. These included residents and one corporator. Of these nine were women. Fifteen government officials attended the meeting.



The Social Development Officer of RPMU Mangalore welcomed the gathering and invited the corporators of Ward No 5 to the dias. The ex PMDCSC Design Engineer Mr Jaya Prakash gave a detailed report on the proposed Water Supply Project.

Discussions with stakeholders were over questions such as:

- The maximum water pressure will be up to 7 metres in the proposed project. How will you ensure water for multi storied buildings above 7 metres?
- What is the mechanism to ensure continuous water supply during laying of the WS pipelines?
- 24/7 requires uninterrupted power supply. How will you ensure the same?



- The Project team addressed all the questions individually.

The stakeholders and the Corporator were unhappy with the absence of the contractors and PMDCSC. They insisted that before the next meeting, the organizers should provide better project related materials. They said that there was poor interaction with citizens by the PIU, UGD works of the earlier project were incomplete; that there was a lack of a dedicated unit for dissemination of project information to stakeholders on a regular basis and no updates on project progress were provide to the public.

Attendance Sheet with Signatures for the Meeting	
Date Page	Date Page
<p>ಖರ್ಚು ಸಮೀಕ್ಷಣಾ ವಿಭಾಗ</p> <p>ಅಧೀನ ಸಂಖ್ಯೆ - 05</p> <p>ಖರ್ಚು ಸಮೀಕ್ಷಣಾ - 05</p> <p>ಅನಂತ :- 16.02.19</p> <p>ಸಮಯ :- 2.00pm</p> <p>1) Amruthkumar . S.</p> <p>ಅನಂತ/ಸಮೀಕ್ಷಣಾ ಸಹ</p> <p>ಅನಂತ</p> <p>AYAZ</p> <p>1) Gopikumar Team Leader Egis-India</p> <p>2) H. Sanjeewa S/O/Super</p> <p>3) Venkatasamanna A.E.E</p> <p>4) Balakrishna A.E. KUWMP</p> <p>5) Bhaskar Kable A.E. KUWMP</p> <p>6) Abdul Kader J.E. mce</p> <p>7) Anjanappa, Manager - SD, KUDFC</p> <p>8) Krishnamoorthy Reddy J.E. mce</p> <p>9) Deepak . H. K. A.E. (Kusarc)</p> <p>10) Balakrishna H.R. Social development specialist KUD</p> <p>NAZEER</p>	<p>ಖರ್ಚು ಸಮೀಕ್ಷಣಾ ವಿಭಾಗ</p> <p>ಅಧೀನ ಸಂಖ್ಯೆ 4830 :- 05 + ಅನಂತ</p> <p>ಅನಂತ &amp; ಸಮಯ :- 16.02.19 . &amp; 2.00pm</p> <p>1) ಸುಮೇಶ್ ಅಮ್ನಿ AVAZ</p> <p>2) NAZEER</p> <p>3) NAZEER</p> <p>4) NAZEER</p> <p>5) NAZEER</p> <p>6) NAZEER</p> <p>7) NAZEER</p> <p>8) NAZEER</p> <p>9) NAZEER</p> <p>10) NAZEER</p> <p>11) NAZEER</p> <p>12) NAZEER</p> <p>13) NAZEER</p> <p>14) NAZEER</p> <p>15) NAZEER</p> <p>16) NAZEER</p> <p>17) NAZEER</p> <p>18) NAZEER</p> <p>19) NAZEER</p> <p>20) NAZEER</p> <p>21) NAZEER</p> <p>22) NAZEER</p> <p>23) NAZEER</p> <p>24) NAZEER</p>

**Public Consultation Meeting  
Ward Level  
Ward No 24- Chilimbri 4th Cross  
Parking Lot of Bharathi Heights Apartment  
on 17-02-2019 at 10.30pm**

Ward level public consultation meetings were held for the Ward No 24 Chilimbri 4th Cross in thParking Lot of Bharathi Heights Apartment on 17-02-2019 at 10.30pm.

To facilitate the process, individual letters were sent to all corporators to take a lead in organizing the meetings.

Notice Regarding the Ward Level Public Consultation Posted at KUIWMIP –PIU Mangalore and distributed to residents	Ward Level meeting Notification from Mangalore City Commissioner
<p style="text-align: center;"><b>“ಸಾರ್ವಜನಿಕ ಸಮಾಲೋಚನಾ ಸಭೆ”</b></p> <p>ಮಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಎಡಿಬಿ ನೆರವಿನ ಕ್ವಿಮಿಪ್ ಟ್ರಾಂಚ್-2 ರಲ್ಲಿ ಅನುಷ್ಠಾನಗೊಳ್ಳುತ್ತಿರುವ ನಿರಂತರ ನೀರು (24X7) ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಯೋಜನೆಗಳ ಕುರಿತು ಸಾರ್ವಜನಿಕರಿಗೆ ಮಾಹಿತಿ ನೀಡಲು, ದಿನಾಂಕ: <b>17-02-2019 ನೇ ಭಾನುವಾರ ಪೂರ್ವಾಹ್ನ 10.30 ಗಂಟೆಗೆ ವಾರ್ಡ್ ನಂ. 24 ರ ವಾರ್ಡ್ ಮಟ್ಟದ ಸಾರ್ವಜನಿಕ ಸಮಾಲೋಚನಾ ಸಭೆ</b>ವನ್ನು <b>ಚಿಲಿಂಬಿ, 4ನೇ ಕ್ರಾಸ್, ಭಾರತಿ ಹೈಟ್ಸ್ ಹತ್ತಿರ</b> ನಲ್ಲಿ ವಾರ್ಡ್ ಮಟ್ಟದ ಸಾರ್ವಜನಿಕ ಸಮಾಲೋಚನಾ ಸಭೆಯನ್ನು ಕೆಯುಪಡಿಎಫ್ ಸಿ ಹಾಗೂ ಮಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಸಹಯೋಗದಿಂದ ಆಯೋಜಿಸಲಾಗಿದೆ. ಈ ಸಭೆಗೆ ಸಾರ್ವಜನಿಕರು ಆಗಮಿಸಿ, ತಮ್ಮ ಸಲಹೆ ಮತ್ತು ಸಹಕಾರ ನೀಡಲು ಕೋರಿದೆ.</p> <p style="text-align: right;">Sd/- ಆಯುಕ್ತರು ಮಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ</p>	<p style="text-align: center;">ಪತ್ರಿಕಾ ಪ್ರಕಟಣೆಗಾಗಿ (ಸುದ್ದಿ ವಿಭಾಗ)</p> <p>ಎಡಿಬಿ ನೆರವಿನ ಕ್ವಿಮಿಪ್ - ಟ್ರಾಂಚ್-2 (KUIWMIP - Tranche-2), KUIDFC ವತಿಯಿಂದ ಮಂಗಳೂರು ನಗರಕ್ಕೆ ಕುದಿಯುವ ನೀರು ಸರಬರಾಜು ಹಾಗೂ ಒಳಚರಂಡಿ ಯೋಜನೆಗಳ</p> <p style="text-align: center;"><b>“ಸಾರ್ವಜನಿಕ ಸಮಾಲೋಚನಾ ಕಾರ್ಯಾಗಾರ”</b></p> <p style="text-align: center;"><b>“ಸಾರ್ವಜನಿಕ ಸಮಾಲೋಚನಾ ಕಾರ್ಯಾಗಾರ”</b></p> <p>ಎಡಿಬಿ ನೆರವಿನಿಂದಾಗಿ ಮಂಗಳೂರು ನಗರಕ್ಕೆ ಕ್ವಿಮಿಪ್ ಟ್ರಾಂಚ್-2 ರಡಿಯಲ್ಲಿ ಕುದಿಯುವ ನೀರು ಸರಬರಾಜು ಹಾಗೂ ಒಳಚರಂಡಿ ಯೋಜನೆಗಳ ಕುರಿತು ದಿನಾಂಕ: 17-02-2019 ನೇ ಭಾನುವಾರ ಪೂರ್ವಾಹ್ನ 10.30 ಗಂಟೆಗೆ ವಾರ್ಡ್ ನಂ. 24 ರ ವಾರ್ಡ್ ಮಟ್ಟದ ಸಾರ್ವಜನಿಕ ಸಮಾಲೋಚನಾ ಕಾರ್ಯಾಗಾರವನ್ನು ಚಿಲಿಂಬಿ, 4ನೇ ಕ್ರಾಸ್, ಭಾರತಿ ಹೈಟ್ಸ್ ಹತ್ತಿರ ಕೆಯುಪಡಿಎಫ್ ಸಿ ಹಾಗೂ ಮಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಸಹಯೋಗದಿಂದ ಆಯೋಜಿಸಲಾಗಿದೆ. ಈ ಕಾರ್ಯಾಗಾರಕ್ಕೆ ಸಾರ್ವಜನಿಕರು ಆಗಮಿಸಿ, ತಮ್ಮ ಸಲಹೆ ಮತ್ತು ಸಹಕಾರ ನೀಡಲು ಕೋರಿದೆ.</p> <p style="text-align: right;">Sd/- ಆಯುಕ್ತರು ಮಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ</p> <p style="text-align: right;">14 19 MANGALORE</p>

Around 30 stakeholders attended the meeting. These included residents and one corporator. Atleast five women attended the meeting. Fifteen government officials attended the meeting.



The Social Development Officer of RPMU Mangalore welcomed the gathering and invited the corporator of Ward No 24 to the dias. The ex PMDCSC Design Engineer Mr Jaya Prakash gave a detailed report on the proposed Water Supply Project.

Discussions with stakeholders were over questions such as:

- Why was the 24/7 Water Supply Project not completed in the earlier ADB assisted KUDCEMP?
- Can the project authorities provide the existing and proposed project details?
- Is road restoration included in the project?
- In spite of repeated reminders, why is the project status not disclosed on official websites?
- Have the decisions taken during 1st and 2nd public consultations been implemented? If not, why not?
- Are diesel generators being provide for uninterrupted water supply in case of power cuts? How will the electricity issue be dealt with?
- What types of pipes are being laid for the proposed water supply project?
- Since the O & M of the proposed scheme is with the contractor, is the under supervision of Mangalore City Corporation?
- Will pressure will be maintained in higher elevated areas and have steps been initiated to supply 24/7 water for 150 to 200 ft high elevated areas?
- Will Mangalore City Corporation pay the purchase and installation of water meters by the project without burdening the consumers?

The Project team addressed all the questions individually.

Other issues discussed during the meeting included those on the water meter costs, pro-poor water connection /procedures, water tariff slabs, water quality, reduction of non-revenue water (NRW), new UGD works in uncovered areas, regularizing unauthorized connections, higher water tariff for bulk consumers like hotels, schools etc and contracts

The stakeholders and the Corporator were unhappy with the absence of the contractors and PMDCSC. They insisted that before the next meeting, the organizers should provide better project related materials. They said that there was poor interaction with citizens by the PIU, UGD works of the earlier project were incomplete; that there was a lack of a dedicated unit for dissemination



of project information to stakeholders on a regular basis and no updates on project progress were provide to the public.

The stakeholders assured their support for the project. The meeting concluded with vote of thanks.

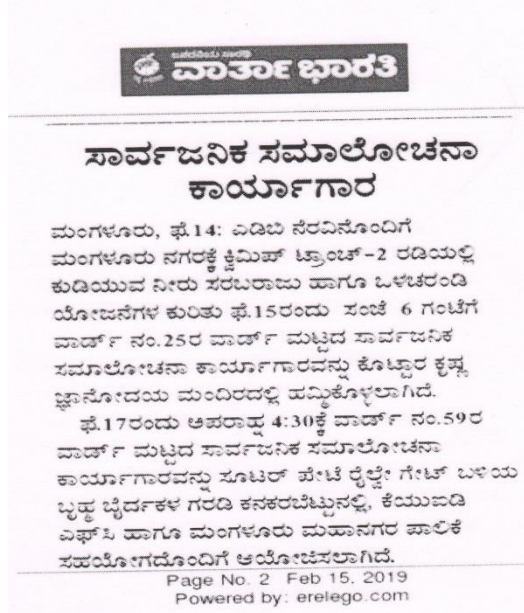
### Attendance Sheet with Signatures for the Meeting

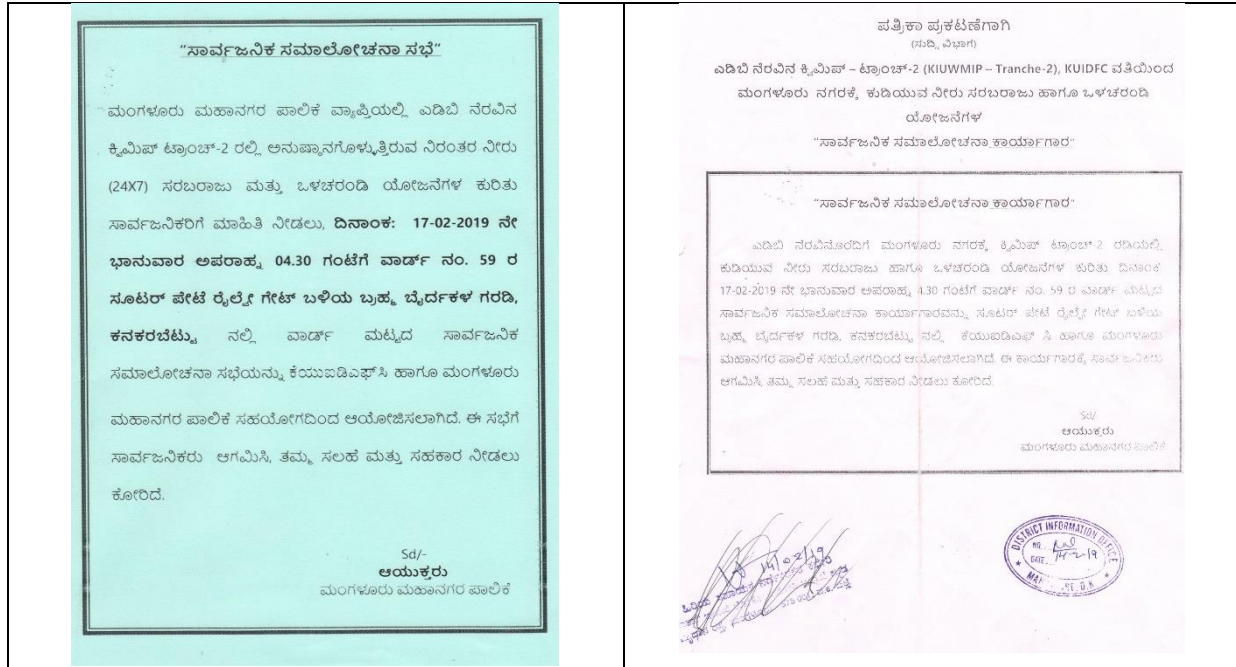
ಸದರಿಸಿದ ಸದಸ್ಯರ ಹೆಸರು - ಶ್ರೀಯುಕ್ತರು		ಸದರಿಸಿದ ಸದಸ್ಯರ ಹೆಸರು - ಶ್ರೀಯುಕ್ತರು	
<p>ವಾರ್ಡ್ ಸಂಖ್ಯೆ - ೨೪            ವಾರ್ಡ್ ಹೆಸರು - ದೇವೇಂದ್ರ - ೩            ದಿನಾಂಕ ೪ ಸೆಪ್ಟೆಂಬರ್ - 17.02.19 4 10.30 AM</p>		<p>ವಾರ್ಡ್ ಸಂಖ್ಯೆ - ೨೪            ವಾರ್ಡ್ ಹೆಸರು - ದೇವೇಂದ್ರ - ೩            ದಿನಾಂಕ ೪ ಸೆಪ್ಟೆಂಬರ್ - 17.02.19 4 10.30 AM</p>	
<p>ಅಧ್ಯಕ್ಷರ ಹೆಸರು / ಸಹಾಯಕ ಅಧ್ಯಕ್ಷರ ಹೆಸರು            ಸದಸ್ಯರ ಹೆಸರು</p>		<p>ಅಧ್ಯಕ್ಷರ ಹೆಸರು / ಸಹಾಯಕ ಅಧ್ಯಕ್ಷರ ಹೆಸರು            ಸದಸ್ಯರ ಹೆಸರು</p>	
1. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		1. ಸುನೀಲ್ ಕೆ. ಸಿ	9886181322
2. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		2. Ramesh Kumar	9440885062
3. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		3. Vinay Kumar	7888704966
4. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		4. R.S. GOKHALE	9945396148
5. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		5. Suresh V. Hegde	9663562494
6. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		6. Peter. V.B. Fudale	9008417413
7. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		7. Yash Fudale	9886280112
8. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		8. Ganesh	8105558081
9. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		9. Sathish	9980475
10. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		10. Yogish	9945111982
11. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		11. Harini Baptist	9845740333
12. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		12. Rekha Kamlesh Wajale	984479602
13. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		13. Suresh	9900901838
14. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		14. Madantika	9845258601
15. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		15. B. Kishore	9663553951
16. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		16. MOKSHIATH	8888830555
17. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		17. Janya Rai	9422431952
18. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		18. Sudhakar Rai	9833246228
19. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		19. K. M. Shalik	9739581904
20. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		20. B. N. Suresh	9448098652
21. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		21. Chaitanya	7204372939
22. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		22. Shailima. S.S	8971710471
23. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		23. Southana Sufith	897889504
24. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		24. Jalajakshi	94457704
25. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		25. Ravindra Raji	9620078017
26. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		26. N. B. Gaganad	9886132225
27. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು		27. Z. K. K. Hussain	
28. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು			
29. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು			
30. 30. ರವೀಶ್ - ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರು			

**Public Consultation Meeting  
Ward Level  
Ward No 59- Sutrpete  
near Sutrpete Railway gate, Mangalore on 17-02-2019 at 4.30pm**

Ward level public consultation meetings were held for the Ward No 59 Sutrpete near the Sutrpete Railway gate, Mangalore on 17-02-2019 at 4.30pm

To facilitate the process, individual letters were sent to all corporators to take a lead in organizing the meetings. The City Corporation posted a paper notification.

Notice in the Newspaper	
 <p>ಮಂಗಳೂರು, ಫೆ.14: ಎಡಿಬಿ ನೆರವಿನೊಂದಿಗೆ ಮಂಗಳೂರು ನಗರಕ್ಕೆ ಕ್ಷಿಮಿಪ್ ಟ್ರಾಂಚ್-2 ರಡಿಯಲ್ಲಿ ಕುಡಿಯುವ ನೀರು ಪರಬರಾಹು ಹಾಗೂ ಒಳಚರಂಡಿ ಯೋಜನೆಗಳ ಕುರಿತು ಫೆ.15ರಂದು ಸಂಜೆ 6 ಗಂಟೆಗೆ ವಾರ್ಡ್ ನಂ.25ರ ವಾರ್ಡ್ ಮಟ್ಟದ ಸಾರ್ವಜನಿಕ ಸಮಾಲೋಚನಾ ಕಾರ್ಯಾಗಾರವನ್ನು ಕೊಟ್ಟಾರ ಕೃಷ್ಣ ಪ್ಲಾನೋದಯ ಮಂದಿರದಲ್ಲಿ ಹಮ್ಮಿಕೊಳ್ಳಲಾಗಿದೆ. ಫೆ.17ರಂದು ಅಪರಾಹ್ನ 4:30ಕ್ಕೆ ವಾರ್ಡ್ ನಂ.59ರ ವಾರ್ಡ್ ಮಟ್ಟದ ಸಾರ್ವಜನಿಕ ಸಮಾಲೋಚನಾ ಕಾರ್ಯಾಗಾರವನ್ನು ಸೂಟರ್ ಪೇಟೆ ರೈಲ್ವೆ ಗೇಟ್ ಬಳಿಯ ಬೃಹದ್ ಬೈರ್ದಕಳ ಗರಡಿ ಕನಕರಬೆಟ್ಟನಲ್ಲಿ, ಕೆಯುವಡಿ ಎಫ್ ಸಿ ಹಾಗೂ ಮಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಸಹಯೋಗದೊಂದಿಗೆ ಆಯೋಜಿಸಲಾಗಿದೆ.</p> <p>Page No. 2 Feb 15, 2019 Powered by: erelego.com</p>	
Notice Regarding the Ward Level Public Consultation Posted at KUIWMIP –PIU Mangalore and distributed to residents	Ward Level meeting Notification from Mangalore City Commissioner



Around 24 stakeholders attended the meeting. These included residents and one corporator. Atleast ten women attended the meeting. Fifteen government officials attended the meeting.



Officials of the RPMU Mangalore welcomed the gathering and invited the corporator of Ward No 59 to the dias. Mr Rego gave a detailed report on the proposed Water Supply Project.

Discussions with stakeholders were over questions such as:

- Why was the 24/7 Water Supply Project not completed in the earlier ADB assisted KUDCEMP?
- Can the project authorities provide the existing and proposed project details?
- Is road restoration included in the project?
- In spite of repeated reminders, why is the project status not disclosed on official websites?
- Have the decisions taken during 1st and 2nd public consultations been implemented? If not, why not?
- Are diesel generators being provide for uninterrupted water supply in case of power cuts? How will the electricity issue be dealt with?
- What types of pipes are being laid for the proposed water supply project?



- Since the O & M of the proposed scheme is with the contractor, is the under supervision of Mangalore City Corporation?
- Will pressure will be maintained in higher elevated areas and have steps been initiated to supply 24/7 water for 150 to 200 ft high elevated areas?
- Will Mangalore City Corporation pay the purchase and installation of water meters by the project without burdening the consumers?

The Project team addressed all the questions individually.

Other issues discussed during the meeting included those on the water meter costs, pro-poor water connection /procedures, water tariff slabs, water quality, reduction of non-revenue water (NRW), new UGD works in uncovered areas, regularizing unauthorized connections, higher water tariff for bulk consumers like hotels, schools etc and contracts

The stakeholders and the Corporator were unhappy with the absence of the contractors and PMDCSC. They insisted that before the next meeting, the organizers should provide better project related materials. They said that there was poor interaction with citizens by the PIU, UGD works of the earlier project were incomplete; that there was a lack of a dedicated unit for dissemination of project information to stakeholders on a regular basis and no updates on project progress were provide to the public.

The stakeholders assured their support for the project. The meeting concluded with vote of thanks.

Attendance Sheet with Signatures for the Meeting	
<p>ವಿಷಯ: ಸಮಾಲೋಚನೆ ಕಾರ್ಯಾಗಾರ</p> <p>ವಾರ್ಡ್ ಸಂಖ್ಯೆ: 4 ಮತ್ತು 53</p> <p>ದಿನಾಂಕ: 4 ಮಾರ್ಚ್: 11.02.19 4.30 PM</p> <p>ಕ್ರ.ಸಂ. ಹೆಸರು / ಸಂಸ್ಥೆ</p> <ol style="list-style-type: none"> <li>1) App. Corporator M.C.C.</li> <li>2) Sandhya Member (Kankana)</li> <li>3) S.K. Shafiq Ahmed 9448519788</li> <li>4) M. Sultan Environmental Specialist</li> <li>5) H. Sanjaya SDO/Engineer</li> <li>6) B.Y. Venkataramana A.E.</li> <li>7) Deepak H.K. A.E. (P.I.U.)</li> <li>8) N. Rajan SDO</li> <li>9) Satya vrathanday Social Specialist (Eggs and)</li> <li>10) Anjanappa M Manager-SD, KUDCT</li> <li>11) Vinayak. H. H. (E.H.S.R.E) Mangalore</li> <li>12) Balakrishna M.R Social Devt. Specialist</li> <li>13) Balakrishna A.E. KUMIP</li> <li>14) Praveen Ivan Rego Design Engineer</li> </ol>	<p>ವಿಷಯ: ಸಮಾಲೋಚನೆ ಕಾರ್ಯಾಗಾರ</p> <p>ವಾರ್ಡ್ ಸಂಖ್ಯೆ: 4 ಮತ್ತು 53</p> <p>ದಿನಾಂಕ: 4 ಮಾರ್ಚ್: 11.02.19 4.30 PM</p> <p>ಕ್ರ.ಸಂ. ಹೆಸರು / ಸಂಸ್ಥೆ</p> <ol style="list-style-type: none"> <li>1) Puruma 9845594526</li> <li>2) 100000</li> <li>3) Asha 8310042981</li> <li>4) Shalini 9741495277</li> <li>5) Jayashree 9449895255</li> <li>6) Sushama 9482348040</li> <li>7) Chandramathi 9449332816</li> <li>8) Asha 9964630795</li> <li>9) 100000</li> <li>10) 100000</li> <li>11) Sanika P. Sanil 9449267928</li> <li>12) Malini 9591916347</li> <li>13) R.D. Sanil 9449192029</li> <li>14) 100000</li> <li>15) 100000</li> <li>16) 100000</li> <li>17) 100000</li> <li>18) 100000</li> <li>19) 100000</li> <li>20) 100000</li> <li>21) 100000</li> <li>22) 100000</li> </ol>


### DETAILS OF SHOPS/PERSONS TEMPORARILY AFFECTED BY PROJECT

A total of 61 shops have been identified as temporarily affected by the subproject.


The draft RP identified 68 shops as temporarily affected. These shops are primarily located along the Urva Store to Ashok Nagara Junction, Matadakani Junction, Bokkapatna Junction, Kandathpalli, Old Port Road and Jeppu Junction.

Reverification of the data in a detailed measurement survey in Feb 2020 indicated that 61 persons would face temporary loss of income for 2-3 days along the alignment. Details of all the affected persons are presented below.

**Date: 05 Nov 2018 to 21 Nov 2018**  
**Area: Kandathpalli to Kudroli wet well (Wet well 4 to 3)**

No.	Name, address and contact details of affected person	Nature of business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>11</sup>	Photograph
1	Dhananjaya Durga Auto works Kandathpalli Ansari Road Mangalore 9731851546	Scooter, Auto welding services	43	male	7 <sup>th</sup> std	1	2	nil	


<sup>11</sup> Vulnerable households defined by the state as households below the poverty line (BPL), female-headed households, scheduled castes, and schedule tribes, landless households and those without legal title, elderly, women and children, elderly-headed and disabled headed households and households with out-of-school/working children and orphaned children.

No.	Name, address and contact details of affected person	Nature of business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>11</sup>	Photograph
2	Saiyed Mobasheer Royal Engineering Lower Car street Kandathpalli Mangalore 9886503070	Welding and fabrication works	36	male	SSLC	3	1	nil	
3	Sri Sai Samarth Enterprises D. No 7-T 552/1(1) Near Kandathpalli, Opp Mosque compound Bundar Mangalore	Printing press		na		na	na		Details will be collected during implementation and compensation will be paid if the shopkeeper is available
4	Mohammad New Halal chicken Kandathpalli Karbala Road,	Chicken stall	57	male	B.Com	1	0	nil	Did not allow photograph



No.	Name, address and contact details of affected person	Nature of business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>11</sup>	Photograph
	mangalore 9964718771								
5	Abdul Khader JAK Chicken centre Wholesale and retail seller Kudroli Road Mangalore 9686141724 9341123441	Chicken stall	59	Male	7 <sup>th</sup> Std	4	2	nil	Did not allow photograph

**Kudroli to Mullakadu, Kavour Sewage Treatment Plant**  
(Wet well 3 to Sewage Treatment Plant)

No .	Name and Address of the Temporarily Affected Person	Nature of Business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>12</sup>	Photograph
1	Vinayaka Engineering Work Jayaram Building, Alake Kudroli, Mangalore 9880011835	Fabrication and welding shop							
2	Navin Shetty Sumeru Enterprises Jayaram Building G. T Road Kudroli 9845550442	Whole sale and retail paint dealer	49	male	Diploma	4	2	nil	
3	Mr. B Ananda S/o Monaiah	Auto repair shop	67	Male	8 <sup>th</sup> std	4	0	nil	Did not allow photograph



<sup>12</sup> Vulnerable households defined by the state as households below the poverty line (BPL), female-headed households, scheduled castes, and schedule tribes, landless households and those without legal title, elderly, women and children, elderly-headed and disabled headed households and households with out-of-school/working children and orphaned children.


No .	Name and Address of the Temporarily Affected Person	Nature of Business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>12</sup>	Photograph
	Mestry, Old G T Road Alake Road, Mangalore 9611168991								
4	Gangadhar Michael spray painting works, G. T Road Kudroli- Mangalore 9590143208	Auto painting	42	Male	6 <sup>th</sup> std	3	1	nil	Did not allow photograph
5	Sindhu Mudranalaya G. T Road, Kudroli Mangalore 0824- 2495726 9343347288	Printing press							
6	World cooling Jayaram building G. T Road Kudroli Mangalore	Installation, service, repair of room air conditioner , deep freezer, refrigeration etc							


No .	Name and Address of the Temporarily Affected Person	Nature of Business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>12</sup>	Photograph
7	Harish Shetty Sri. Brahmashree Fancy and Gift centre G. T Road, Kudroli Mangalore	Fancy and gift store	30	Male	6 <sup>th</sup> std	1	0	nil	Did not allow photograph
8	Vinayaka Enterprises Go down G. T Road Kudroli, Mangalore	Godown							
9	Naveen Kumar Roop Sagar Ladies Tailor G. T Road Kudroli Mangalore 0824-2492232	Ladies tailor	46	Male	8 <sup>th</sup> std	4	2	nil	Did not allow photograph
10	Sharath Shetty Shreya Finance Credit Corporation ®	Financial services	56	Male	B.Com	4	0	nil	Did not allow photograph


No .	Name and Address of the Temporarily Affected Person	Nature of Business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>12</sup>	Photograph
	G. T Road Mangalore 9448011373 0824- 2491544								
11	Hussein Firewood depot G. T Road Kudroli, Mangalore	Fire wood depot	80	male	None	1	0	elderly	Did not allow photograph
12	Rajesh Sri. Mookambika Engineering works G. T Road Kudroli, Mangalore 9980465674	Welding works	42	male	SSLC	4	1	nil	Did not allow photograph
13	Julien Clement New Power Batteries G. T Road Kudroli, Mangalore 9845162038	Battery sales and services	56	male	SSLC	3	1	nil	Did not allow photograph
14	Ranjeeth Padma Engineerin	Welding machines, concrete	42	Male	SSLC	4	1		Did not allow photograph





No .	Name and Address of the Temporarily Affected Person	Nature of Business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>12</sup>	Photograph
	g works G. T Road 944959175 1 Kudroli, Mangalore	digger, grinder and disk cutter machines on rental basis.							
15	Jeevan Kumar Bhuv Enterprises G. T Road Kudroli, Mangalore 9886600608	Franchisee of coffee (Retail trader)	47	male	B.Com	3	1	nil	
16	Siddhant S M Electricals G. T Road Kudroli, Mangalore 9743606664	Repair of electric pump sets	34	male	SSLC	2	0	nil	

No .	Name and Address of the Temporarily Affected Person	Nature of Business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>12</sup>	Photograph
17	Subramanya Mahalakshmi Service Station G. T Road, Kudroli Mangalore 9945703727 (Subbu)	Two wheeler service station	36	male	SSLC	2	0	nil	
18	Shankar Mallya Rahul Digital Studio G. T Road, Kudroli Mangalore 8197476924 8904786822	Photo studio (Studio was closed during transect walk)	45	Male	2 <sup>nd</sup> PUC	2	1	nil	Did not allow photograph



No .	Name and Address of the Temporarily Affected Person	Nature of Business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>12</sup>	Photograph
19	Mohammad Nabil Kohinoor Medical Stores G. T Road, Kudroli Mangalore 9538722866	Medical store	23	male	2 <sup>nd</sup> PUC	3	0	nil	
20	Ideal General Stores G. T Road, Kudroli Mangalore 8792203349	shop							Details will be collected during implementation and compensation against temporary income loss, if any, will be paid if the shopkeeper is available
21	Petty shop Next to Ankur Home Appliances G. T Road, Kudroli Mangalore	shop selling chocolates, biscuits, fruits etc							Details will be collected during implementation and compensation against temporary income loss, if any, will be paid if the shopkeeper is available
22	Jagadeesh Shetty Master Tailor s, Navasuma complex	Tailoring shop							Details will be collected during implementation and compensation against temporary income loss, if any, will be paid if the shopkeeper is available

No .	Name and Address of the Temporarily Affected Person	Nature of Business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>12</sup>	Photograph
	G. T Road, Alake Mangalore 9845093413								
23	Ramachandra Sneha hair Dressers Gents beauty parlor Old G. T Road, Kudroli Mangalore 9108148044	Beauty parlour	47	male	2 <sup>nd</sup> Std	3	1	nil	
24	Firewood shop Bokkapatna Church gate Mangalore 9343562635	Firewood							Details will be collected during implementation and compensation against temporary income loss, if any, will be paid if the shopkeeper is available

### Urva Stores Junction



No.	Name and Address of the Temporarily Affected Person	Nature of Business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>13</sup>	Photograph
1	Umar Farooq Mobile World Ashok Nagar Cross Road Urva stores Mangalore 8880808980	mobile phone	42	male	6 <sup>th</sup> std	2	1	nil	
2	Srinivas iKateelashwar i Stores Ashok Nagar Cross Road Urva Stores Mangalore 9379434936	Grocery shop	68	male	7 <sup>th</sup> std	3	0	nil	


<sup>13</sup> Vulnerable households defined by the state as households below the poverty line (BPL), female-headed households, scheduled castes, and schedule tribes, landless households and those without legal title, elderly, women and children, elderly-headed and disabled headed households and households with out-of-school/working children and orphaned children.

No.	Name and Address of the Temporarily Affected Person	Nature of Business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>14</sup>	Photograph
1	Ashwini	Fruits and vegetable shop	35	Female	BE	3	0	nil	
2	Malati	Xerox shop	53	Female	degree	3	2M	nil	


<sup>14</sup> Vulnerable households defined by the state as households below the poverty line (BPL), female-headed households, scheduled castes, and schedule tribes, landless households and those without legal title, elderly, women and children, elderly-headed and disabled headed households and households with out-of-school/working children and orphaned children.



4	Arun awin	electrical workshop	48	Male	SSLC	2	3	na	
3	Lokesh	Hardwar e shop	42	Male	degre e	4	2	nil	

5	Gopal M	Grocery store	65	Male	SSLC	1	2	nil	
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## Area: Mulihithlu

No.	Name and Address of the Temporarily Affected Person	Nature of Business	Age	Gender	Education	Dependents	School Going Children	Vulnerability <sup>15</sup>	Photograph
1	Mangala ice factory Opp. Wet well Mulihithlu, Bolar Mangalore 9448239795	Ice factory							Details will be collected during implementation and compensation against temporary income loss, if any, will be paid if the shopkeeper is available
2	Narayana Expo Tailors Mulihithlu, Mangalore 9481017292	Tailoring shop	60	male	4 <sup>th</sup> std	4	0	nil	

<sup>15</sup> Vulnerable households defined by the state as households below the poverty line (BPL), female-headed households, scheduled castes, and schedule tribes, landless households and those without legal title, elderly, women and children, elderly-headed and disabled headed households and households with out-of-school/working children and orphaned children.


3	Livingstone Lee Electronics Tilery Road Mangalore 9886074099	Electrical stabilizer repair work	54	male	na	2	0	nil	
4	Sumangala Harsha General Stores Tilery Road Mulihithlu, Mangalore 9740937924	General Stores	50	male	BA	1	0	nil	
5	Harinakshi She beauty parlor Mulihithlu, Mangalore 9844039653	Beauty parlour	39	female <sup>16</sup>	10 <sup>th</sup> std	2	1	nil	

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<sup>16</sup>not a female headed household.

A survey of temporarily affected persons/ shopkeepers was held on June 4<sup>th</sup>, 2019 along the revised alignment in Kuntikana, Mangalore. Twenty shopkeepers/ persons were identified as affected by the subproject in the survey. Details for these shopkeepers are presented below.

**Date: 04 June 2019**  
**Area: Kavoor STP to Kuntikana Flyover**




No.	Name, address and contact details of affected person	Nature of businesses	Age	Gender	Education	Depend ants	School Going Children	Vulnera bility <sup>17</sup>	Photograph
1	Bharathi Shetty  9972142048	Restaura nt	51	female	High school	2	2	Woman headed household	




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<sup>17</sup> Vulnerable households defined by the state as households below the poverty line (BPL), female-headed households, scheduled castes, and schedule tribes, landless households and those without legal title, elderly, women and children, elderly-headed and disabled headed households and households with out-of-school/working children and orphaned children.

2	Nagappa Shetty 9164132665	Retail (kirana) shop	70	male	SSLC	2	none	nil	
3	Chandarshekhar 9481180488	Retail (kirana) shop	55	male	SSLC	2	2	nil	
4	Gunapal 9481763555	Tailoring shop	61	male	SSLC	3	1	nil	







5	Holligappa 9972195669	Sri Renuka Canteen (restaurant)	49	male	-	3	None	nil	
6	Rafeeque 9743373233	Mobile Repair	52	Male	SSLC	6	4	nil	
7	Suresh 9902173688	Tailor	53	Male	PUC	4	2	nil	

8	Robert D'Souza 9880816285	Grocery Shop	49	Male	SSLC	3	1	nil	
9	Abdul Khadar 9480064264	Scrap Business	56	Male	5 <sup>th</sup> std	7	2	BPL	
10	Shabber 8660846644	Fish Merchant	25	Male	7 <sup>th</sup> Std	12	0	BPL	



11	Ibrahim Khaleel 8748997777	Chicken Merchant	45	Male	7 <sup>th</sup> Std	8	3	BPL		
12	Suresh D'Souza 9845386970	Building Centring Material rent Basiss	42	Male	PUC	8	2	Nil		

13	Mahesh 9844989141	Electrical shop	37	Male	SSLC	4	1	nil	
14	Kishore kumar 9148687678	Hair Saloon	36	Male	2 <sup>nd</sup> PUC	4	0	nil	

15	Yogini yatesh 9343090625	Flour mill	54	Female	PUC	2	0	nil		
16	Laxmi Sitaram 7676530425	Petty Shop	46	Female	SSLC	2	0	nil		

17	Alfanzo Kuntino 9448437530	Petty Shop	65	Male	PUC	0	3		
18	Vijay Kumar 9480107032	Flower	38	Male	PUC	0	0	nil	




19	Mahesh 9480045111	Mobile Shop	34	Male	PUC	3	0	nil	
20	Avinash 9972649496	Zerox & Hotel	35	Male	SSLC	5	2	nil	

### INVOLUNTARY RESETTLEMENT IMPACT CATEGORIZATION CHECKLIST

Probable Involuntary Resettlement Effects	Yes	No	Not Known	Remarks
<b>Involuntary Acquisition of Land</b>				
1. Will there be land acquisition?		No.		
2. Is the site for land acquisition known?				Not applicable.
3. Is the ownership status and current usage of land to be acquired known?				
4. Will easement be utilized within an existing Right of Way (ROW)?		No		
5. Will there be loss of shelter and residential land due to land acquisition?		No		
6. Will there be loss of agricultural and other productive assets due to land acquisition?		No		
7. Will there be losses of crops, trees, and fixed assets due to land acquisition?		No		
8. Will there be loss of businesses or enterprises due to land acquisition?		No		
9. Will there be loss of income sources and means of livelihoods due to land acquisition?		No		
<b>Involuntary restrictions on land use or on access to legally designated parks and protected areas</b>				
10. Will people lose access to natural resources, communal facilities and services?		No		
11. If land use is changed, will it have an adverse impact on social and economic activities?		No		
12. Will access to land and resources owned communally or by the state be restricted?		No		
<b>Information on Displaced Persons:</b>				
Any estimate of the likely number of persons that will be displaced by the Project? : [ 61 shopkeepers will face temporary loss of livelihood]				
Are any of them poor, female-heads of households, or vulnerable to poverty risks?				[ No]
Are any displaced persons from indigenous or ethnic minority groups?				[ No]

## OFFICE MEMORANDUM REGARDING ESTABLISHMENT OF GRIEVANCE REDRESS MECHANISM

<p>ಕರ್ನಾಟಕ ನಗರ ಮೂಲಸೌಕರ್ಯ ಅಭಿವೃದ್ಧಿ ಮತ್ತು ಹಣಕಾಸು ನಿಗಮ ನಿಯಮಿತ (ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಉದ್ದೇಶ)</p>		<p>Karnataka Urban Infrastructure Development and Finance Corporation Ltd., (Government of Karnataka Undertaking)</p>												
<p>KUIDFC/KIUWMIP/DLIC/2014-15/228 1393</p>		<p>Date: 28<sup>th</sup> June 2017</p>												
<p><b>OFFICIAL MEMORANDUM</b></p>														
<p><b>Sub:</b> ADB Assisted KIUWMIP-Jalasiri Implementation of Resettlement and Rehabilitation Plans (RRP).</p> <p style="text-align: center;">*****</p>														
<p>Under Karnataka Integrated Urban Water Management Investment Programme (KIUWMIP) land will be purchased/acquired for implementation of various components. A Resettlement and Rehabilitation Plan for Affected Families (AFs) and Programme Affected Persons (PAPs) is prepared for land being acquired and the compensation payable to them is determined as per the guide lines of LARR Act 2013.</p>														
<p>A project specific Grievance Redressal Mechanism (GRM) is to be established to receive complaints, evaluate concerns and address grievances of the Affected Persons (APs). To provide time bound and transparent mechanism to resolve social and environmental concerns and ensure proper implementation and monitoring of the grievances, there is a need to designate Rehabilitation and Resettlement Officer and to constitute a Grievance Redressal Committee. Hence the following order:</p>														
<p><b>ORDER</b></p>														
<p><b>Rehabilitation and Resettlement Officer:</b> The Special Land Acquisition Officer/the Assistant Commissioner of the concerned sub division shall be the "Rehabilitation and Resettlement Officer". He will be responsible for implementation of the Resettlement plans. He is authorised to release all compensation to the beneficiaries (based on land acquisition Awards and other assistance/ benefits decided by GRC based on approved Resettlement plans).</p>														
<p><b>Grievance Redressal Committee:</b> The committee shall consist of the following members:</p>														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">The Special Land Acquisition Officer/Assistant Commissioner of the concerned subdivision</td> <td style="width: 40%;">Chairman</td> </tr> <tr> <td>The Commissioner / Chief Officer of concerned ULB</td> <td>Member</td> </tr> <tr> <td>Deputy Project Director KIUWMIP Mangalore</td> <td>Member Secretary &amp; Convener</td> </tr> <tr> <td>PMDSC Engineer</td> <td>Member</td> </tr> <tr> <td>Affected community member/NGO</td> <td>Member</td> </tr> <tr> <td>SDO of RPMU- KIUWMIP Mangalore</td> <td>member</td> </tr> </table>			The Special Land Acquisition Officer/Assistant Commissioner of the concerned subdivision	Chairman	The Commissioner / Chief Officer of concerned ULB	Member	Deputy Project Director KIUWMIP Mangalore	Member Secretary & Convener	PMDSC Engineer	Member	Affected community member/NGO	Member	SDO of RPMU- KIUWMIP Mangalore	member
The Special Land Acquisition Officer/Assistant Commissioner of the concerned subdivision	Chairman													
The Commissioner / Chief Officer of concerned ULB	Member													
Deputy Project Director KIUWMIP Mangalore	Member Secretary & Convener													
PMDSC Engineer	Member													
Affected community member/NGO	Member													
SDO of RPMU- KIUWMIP Mangalore	member													
<p><b>DESPATCHED</b> ON 26/6/17</p>														
<p><small>Regd. Office : Nagarabhiruddi Bhavan# 22, 17th F Cross, Old Madras Road, Indira Nagar 2nd Stage, Bengaluru-560038. Phone : 080-25196124-129 Fax : 080-25196110 E-mail : info@kuidfc.com, website: www.kuidfc.com PAN : AAACK6953F TAN : BLRKO1111F</small></p>														

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## ANNEXURE

## Guidelines for implementation of resettlement and rehabilitation Plan.

- A project specific redressal mechanism will be established to receive, evaluate and facilitate concerns, complaints and grievances of the Displaced Persons (DPs) in relation to project's social and environmental performances. The main objective of the Grievance Redressal Mechanism (GRM) will be to provide time bound action and a transparent mechanism to resolve social and environmental concerns.
- The Deputy Project Director KIUWMIP Mangaluru will convene the periodic meeting of the Grievance Redressal Committee (GRC) and will shoulder the responsibility of keeping records of grievances/complaints in details with help from SDO/Resettlement NGO as and when placed. Other members such as community based organizations (CBO) representatives, ward council representatives, displaced persons representative will be selected by the respective Commissioners of the ULB to represent in the GRC. NGO will also deploy one person who will be responsible for coordinating with all GRC members and DPs for grievance redressal.
- Grievance redressal committee (GRC) should ensure that the list of affected persons mentioned in the resettlement plan tally with the list of persons mentioned in the award passed by the Assistant Commissioner (AC)/ Special land acquisition officer (SLAO).
- The committee should finalize the subsistence allowance and other assistance/benefits payable to the affected persons based on the approved resettlement plans and ensure delivery of project affected persons (PAP) entitlements and benefits.
- All payments made to the beneficiaries and other expenses for implementation of the Resettlement plan should be through "Account Payee" cheques only. Proper documentation and acknowledgement for receipt be maintained to facilitate Audit.
- Grievance if any may be submitted by project affected persons (PAP) to the Chairman of the GRC.
- The Grievance Redressal Committee will redress the issues at the local level in a consultative manner.
- The date and time of the GRC meeting should be communicated to the PAPs by the implementing NGO or Regional Program management Unit (RPMU) Mangaluru office, a week in advance.
- Proceedings of the GRC meeting should be documented and copy should be sent to Task Manager KIUWMIP-KUIDFC Bengaluru.
- The GRC will determine the merit of each grievance and attempt to resolve the same within 15 days from date of lodging the complaint, failing which the grievance shall be addressed to the Deputy Commissioner.
- The Deputy Commissioner shall hear the appeals against the decision of the GRC. The decision of the Deputy Commissioner is final and cannot be contested in any other forum except in court of Law.
- All costs incurred in resolving the complaints will be borne by the concerned urban local Body.

## 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: \_\_\_\_\_