

Land Acquisition and Resettlement Due Diligence Report

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April 2016

IND: Kolkata Environmental Improvement Investment Program (TR2 SD12)

Prepared by Kolkata Municipal Corporation for the Asian Development Bank.

This due diligence report is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature.

CURRENCY EQUIVALENTS

(as of 22 April 2016)

Currency unit	=	Rupee (INR)
INR 1.00	=	USD 0.01504
USD 1.00	=	INR 66.4893

ABBREVIATIONS

ADB	-	Asian Development Bank
BPL	-	Below Poverty Line
DH	-	Diamond Harbour Road
GAP	-	Ganga Action Plan
IR	-	Involuntary Resettlement
KEIP	-	Kolkata Environmental Improvement Project
KEIIP	-	Kolkata Environmental Improvement Investment Program
KMC	-	Kolkata Municipal Corporation
MFF	-	Multi-tranche Financing Facility
NOC	-	No Objection Certificate
ROW	-	Right of Way

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2. Minutes of Community Consultations

I. INTRODUCTION

A. Background

1. On 26 September 2013, the Asian Development Bank (ADB) approved the provision of loans under a multitranche financing facility (MFF) for the Kolkata Environmental Improvement Investment Program (KEIIP or the Investment Program) for an aggregate amount not to exceed \$400 million. The impact of the Investment Program will be improved access to water supply and sanitation in Kolkata Municipal Corporation (KMC). The outcome will be improved water supply, sewerage and drainage service quality and operational sustainability in selected areas of KMC. KEIIP has three outputs: (i) inefficient water supply assets rehabilitated; (ii) sewerage extension to peripheral areas continued;¹ and (iii) financial and project management capacity further developed. KMC is KEIIP's executing agency. A project management unit (PMU) created under KMC is implementing KEIIP.

2. The first loan under it, Tranche 1 or Loan 3053-IND, amounting to \$100 million, was approved by ADB on 22 October 2013, signed on 3 March 2014 and made effective on 30 May 2014. Project 1, supported by tranche 1, included subprojects for improvement of infrastructure, operations and sustainability in sewerage, drainage and water supply in KMC.

3. The proposed Project 2, supported by the proposed tranche 2 of KEIIP, will include physical and non-physical investments in water supply and sanitation improvement in KMC. Project 2 is aligned with improved access to water supply and sanitation in KMC as defined by the Investment Program.

4. A total of six subprojects prioritizing sewerage and drainage work are prioritized under Project 2, including: (i) sewerage and drainage work and construction of 1 pumping station in ward no. 114 (package TR-2 SD 01); (ii) development of sewerage and drainage network in Rania box catchment including outfall structure (package TR-2 SD 02); (iii) development of sewerage and drainage network in Rania box catchment and Vivekananda Road catchment including one combined pumping station and outfalls (package TR-2 SD 03); (iv) laying of a trunk sewer along James Long Sarani (package TR-2 SD 12); (v) development of sewerage and drainage network including outfall structures in wards 123 and 124 (package TR-2 SD 05); and (vi) sewerage and drainage network in boroughs XIII and XIV (package TR-2 SD 06). Non-priority packages for sewerage and drainage under Project 2 include: (i) sewerage and drainage mains and 2 pumping stations (augmentation of Keorapukur MPS) in Tolly's Nullah/Keorapukur Sub-basin in Borough XIII (Ward 115 and part of Ward 122); and (ii) Construction of new pumping station at Lalababu Nikashi/Bagjola Canal.

B. Scope of this Report

5. This land acquisition and resettlement due diligence report is prepared for the proposed laying of trunk sewer along James Long Sarani by micro-tunneling method in ward number 123 and 124 under KEIIP Project 2, package-TR-2/SD 12. The proposed subproject will entail laying of trunk sewer along James Long Sarani, from Sakher Bazar crossing to Diamond Harbour (DH)

¹ The 1899 Calcutta Municipal Act defined the administrative domain of the municipal authority as covering 25 wards and having an areal extent of 48.5 square kilometers. Many boundary changes followed, the latest one in January 1984 when Boroughs XI, XII, XIII, XIV and XV were annexed to KMC. These boroughs in the peripheral areas, are popularly known as "added areas".

Road crossing, upto Joka Tram Depot to meet the trunk sewer under construction (under tranche 1 investments) along DH Road.

6. A due diligence process was conducted to examine the land acquisition and resettlement issues in detail, in line with ADB SPS 2009. This report describes the findings and provides copies of relevant documents, resolutions, minutes of meetings and photographs. This land acquisition and resettlement due diligence report needs to be read along with the Resettlement Framework prepared for KEIIP.

7. Upon project implementation, the Officer designated for social safeguards at PMU will be required to undertake a review of this due diligence, prepare a confirmation letter or report documenting any modifications for the subproject and submit to ADB; and receive a 'no objection' confirmation from ADB prior to start of construction in the subproject.

II. SUBPROJECT DESCRIPTION

8. The new areas added to the city of Kolkata after 1984 ('added areas') have major sewage and drainage disposal problems. Major portions of the added areas are devoid of any organized drainage system and served only by surface drainage system carrying both sullage and storm runoff. The proposed subproject lays special emphasis on minimizing the drainage problems in a section of the added area, and aims to contribute to its overall environmental upgradation.

9. The proposed trunk sewer along James Long Sarani (3.8 km in length) is meant to cater to the combined flow generated from the area considered under package TR – 02/SD 05 and combined flow generated from the James Long Sarani.

10. The objectives of the subproject package TR-2/SD 12 are:

- (i) To cater to the combined flow generated from the package TR-2/SD 05 under which development of S&D network facilities on priority basis has been considered, which in turn helps to improve environmental condition
- (ii) To provide relief from water logging conditions within the project area and area considered under Package – TR-2/SD 05
- (iii) To divert sewerage generated within the project area and area considered under Package – TR-2/SD 05 to STP through an organized S&D system for treatment which will help to prevent pollution of Canal / River.

11. The subproject component proposed for organized drainage system includes laying of sewer along James Long Sarani by micro tunneling method along the western flank of the road adjacent to the median, under the black-topped portion of the road. The micro tunneling method adjacent to the median under the black-topped portion of road RoW is proposed to avoid or minimize impacts, including (a) impacts to shops and businesses on the road sides; (b) stacking of excavated material on the road, (c) diversion of traffic due to road closure, (d) slow movement of traffic, and (e) utility shifting and road restoration.

III. FIELD WORK AND PUBLIC CONSULTATION

A. Outline of Field Work

12. In October and November, 2015 field inspections were carried out along the proposed trunk sewer alignment and stakeholder consultations conducted. Inspections were carried out along the entire stretch of 3.8 km long pipe alignment. The trunk sewer proposed under the subproject is proposed to be laid within existing public road RoW (under black-topped portion of road) using micro-tunneling technology, thus avoiding impacts.

B. Stakeholder Consultation

13. Consultations were undertaken with key stakeholders in line with ADB's requirements pertaining to environment and social considerations. Two consultation meetings were held at wards 123 and 124, in the presence of the respective ward councilors. Out of 72 participants at these consultation meetings, 37 (51%) were female. Discussions were held between KEIIP PMU and the Executive Engineer of Public Works Department (PWD), Alipore Division (owner of the road, James Long Sarani) on 17th November, 2015 regarding provision of a No Objection Certificate (NOC) for proposed micro tunneling work. A requisition letter for the NOC has been submitted (refer Appendix 1) to PWD, Alipore Division. The required certificate will be issued by the concerned department, as provided in the past, in case of Tranche-I subproject along Diamond Harbour Road, and the NOC will be obtained before commencement of TR-2 SD 12 work.

14. The form of consultation used was stakeholder meetings. The consultations helped identify the felt needs, concerns and apprehensions of the communities related to the project as well as their priorities. Discussions were held with people residing at/near the alignment, and those having businesses near it. Consultations reveal that people (residents and businessmen) are aware of the problems of the existing drainage and sewerage and face water logging during heavy downpours during the monsoons, and are therefore willing to cooperate for execution of the proposed project. The proposed trunk sewer alignment is proposed within the RoW of the western flank of James Long Sarani (from Sakher Bazar crossing to area near Joka Tram Depot), under the black-topped road, and is therefore not anticipated to impact shops or road side vendors. The field visits and interactions helped ascertain that no permanent relocation or loss of land or structures or temporary or permanent economic impacts are anticipated as a result of the proposed subproject. Hence, further survey and inventories are not required. The following Table 1 provides a summary of consultations and discussions held with shop-owners, residents of wards 123 and 124, and ward councilors.

Table 1: Summary of Stakeholder Consultations

Date	Location	No. of Participant s	% of female participant s	Participants	Topics Discussed	Issues Raised
6 th Nov. 2015	Ward Office of KMC Ward No. 123.	Total: 42 Female: 24 Male: 18	57%	Councilor Ward 123, residents, shop owners, business- men & women	1. Relevant information on the proposed project. 2. Benefits of the project. 3. Hassle-free work procedure without disrupting daily activities and transportation system. 4. No chance of structure or income loss. 5. Grievance redressal procedures. 6. Public participation and awareness.	1. Date of commencement of project work and duration. 2. Whether adjoining areas of James Long Sarani would be connected under the project.
7 th Nov. 2015	Ward Office of KMC Ward No. 124. Daspara	Total: 30 Female: 13 Male: 17	43%	Councilor, Ward 124, employees in government or private enterprises, shop- owners, local business- men and women, residents, health workers	1. Relevant information on the proposed project. 2. Benefits of the project. 3. Hassle-free work procedure without disrupting daily activities and transportation system. 4. No chance of structure or income loss. 5. Grievance redressal procedures. 6. Public participation and awareness.	1. Commencement date of project work and duration. 2. How the adjoining areas of James Long Sarani would be connected under the project, as the road levels are lower than James Long Sarani. 3. Connecting the existing underground drainage system (in few areas of ward 124 by local Borough office) to the proposed trunk sewer of KEIP. 4. Water logging problem during monsoon. 5. Grievance redress procedures. 6. In areas abutting canals, the slope of the land is inclined towards the canal, connecting those areas needs proper planning.

IV. LAND AVAILABILITY AND RESETTLEMENT IMPACTS

A. Laying of Sewer Line

15. No land acquisition or resettlement impacts are anticipated for the proposed laying of sewer line along James Long Sarani for the contract package Tr-2/SD 12 under Project 2. All civil works proposed under the subproject are within the ROW of a road owned by the Public Works Department (PWD) Alipore Division, Government of West Bengal. A requisition letter for a No Objection Certificate (NOC) has been submitted to PWD, Alipore Division in this regard, (Appendix 1), and the NOC is under process. The PMU will obtain the NOC from PWD before start of civil work under the package.

16. No additional land will be required for the proposed subproject and no structure will be affected due to the civil work undertaken for the laying of the sewer line as micro tunneling under the black-topped road section is proposed. Table 2 provides details of the typical sizes of jacking and receiving pits for different diameters of pipes.

Table 2: Typical Sizes of Jacking Pit and Receiving Pit for different diameters of pipes proposed

Dia. (mm)	Type of Pit	Approx. Size	
		Length (mm) along pipe	Width (mm)
1400	Jacking Pit	7200	4400
	Receiving Pit	6400	4400
2000	Jacking Pit	8000	5400
	Receiving Pit	6400	5000
2400	Jacking Pit	8400	6000
	Receiving Pit	6400	5600

Note: The total road width excavation will be 600 mm more than the pit widths indicated above.

17. The width of western flank of James Long Sarani is 14.2 meters. Excavation for pits is proposed only on the western flank of the median, in the black-top portion of the road. All small businesses and establishments are located along the road shoulders and access to the same will remain unaffected. The proposed excavation can be accommodated within the black-topped portion under the western flank, hence no impacts to businesses are anticipated. The contractor will ensure that there is no impact on businesses or residences located along the road by ensuring pedestrian access. The western flank of the road will face some traffic disruptions during implementation, while the eastern flank will remain open.

18. Laying of sewer pipelines along James Long Sarani has been carefully planned to minimise excavation, disturbance to pedestrians and traffic and avoid income loss to businesses, while minimizing road reconstruction costs. The 3.8 kilometer long sewer line is proposed to be laid along the western flank of James Long Sarani from Sakher Bazar crossing to area near Joka Tram depot, primarily for the following reasons: (i) no tree cutting will be required, (ii) least or minimal utility shifting/intervention, and (iii) comparatively easy lateral sewer connectivity. Table 3 gives a clear comparison of the eastern flank, middle and western

flank of James Long Sarani based on set parameters and the reason for selecting the western flank for the subproject work.

Table 3: Comparison of alternative pipe alignments considered for micro tunneling works at James Long Sarani

Sl. No.	Parameter	East Flank	Middle	West Flank
1	Length	3.8 km	3.8 km	3.8 km
2	Approximate number of pits	20	20	20
	Presence of major underground pipe	Present	Nil	Nil
3	Shifting of underground cables	More	Less	Least
4	Tree cutting	Nil	Considerable	Nil
6	Connections of laterals from eastern flank catchments	16 nos.	16 nos.	16 nos.
7	Connections of laterals from western flank catchments	15 nos.	15 nos.	15 nos.
8	Process of connecting laterals	Jack pushing method for connection of lateral sewer from western flank, Open cut for east connections	Jack pushing method both for connection of lateral sewer from western flank, Eastern flank	Jack pushing method for connection of lateral sewer from eastern flank, Open cut for west connections
9	Location of pits	On carriage way	Shared by east and west carriage way	On carriage way
10	Width	6.5-13 m	1.5-2.0m	6.5-13m
11	Traffic movement	Up and Down movement through west flank	Up and Down movement through both flanks	Up and Down movement through east flank
12	Intervention for future development, if any	Not major	May be major	Not major

19. James Long Sarani is a vital thoroughfare running through Thakurpukur almost parallel to DH Road, sharing the traffic load. The road was built in the late 1980s to de-congest Behala region. A traffic survey has been conducted, based on which James Long Sarani is classified as a 'congested road'. This has prompted the project proponents to adopt 'micro-tunneling'² method to lay the sewer pipelines to reduce the need for shifting major underground utilities and to prevent traffic disruptions. Potential temporary impacts³ to traffic/access to shops and

² **Microtunneling** is a process that uses a remotely controlled Microtunnel Boring Machine (MTBM) combined with the pipe jacking technique to directly install product pipelines underground in a single pass. This method is adopted for installing or rehabilitating underground infrastructure with minimal disruption to surface traffic, businesses, and residents. Also includes technologies for inspection, leak location, and leak detection with minimal disruption and minimal excavation from the ground surface.

³ Potential temporary impacts were assessed on the basis of transect walks through the road in proposed sewer alignment.

residences due to digging of pits for trenchless pipe laying are possible during construction; however, these will be mitigated by ensuring access to properties through provision of pedestrian planks, provision of adequate signage, and careful traffic management. No income loss is anticipated.

20. Two types of manholes are proposed in this subproject. For connection of lateral sewers, manhole with brick masonry (considered as mandatory manhole) has been proposed. Considering ease of maintenance, precast RCC manhole (considered as non-mandatory manhole) has been proposed, wherever no connections are expected. Table 4 provides details of typical proposed manhole sizes. The maximum spacing of manholes in straight run is not anticipated to exceed 150 m. Precast RCC manholes have been proposed between brick manholes to keep spacing within 150 -100 m considering ease of maintenance. Traffic diversion will be required for the portion of shaft or manhole location. This will be managed through proper traffic management plans, and work executed during non-peak traffic hours.

Table 4: Typical Manhole Sizes

		Non Mandatory Manhole	
Diameter (mm)	Size (mm x mm)	Diameter (mm)	Size (mm)
1400	1900 X 1800	1400	2000 dia.
2000	2600 X 1800	2000	2700 dia.
2400	3000 X 1800	2400	3100 dia.

Note: The total road width excavation will be 600 mm more than the manhole widths indicated above.

21. Considering the importance of the road (James Long Sarani), house connections through rider sewers are proposed to avoid the need for road crossing for every house sewer connection. Two existing rider sewers along either flank of James Long Sarani will be utilized to cater to local runoff and wastewater generated from either flank of James Long Sarani, to avoid the need for road crossing at every house sewer connection. Flow from these two rider sewers will be intercepted and diverted to the proposed sewer along James Long Sarani by making multiple connections between these sewers at strategic locations.

Figure1: Proposed Micro Tunneling Work Under Package –TR -02/SD 12

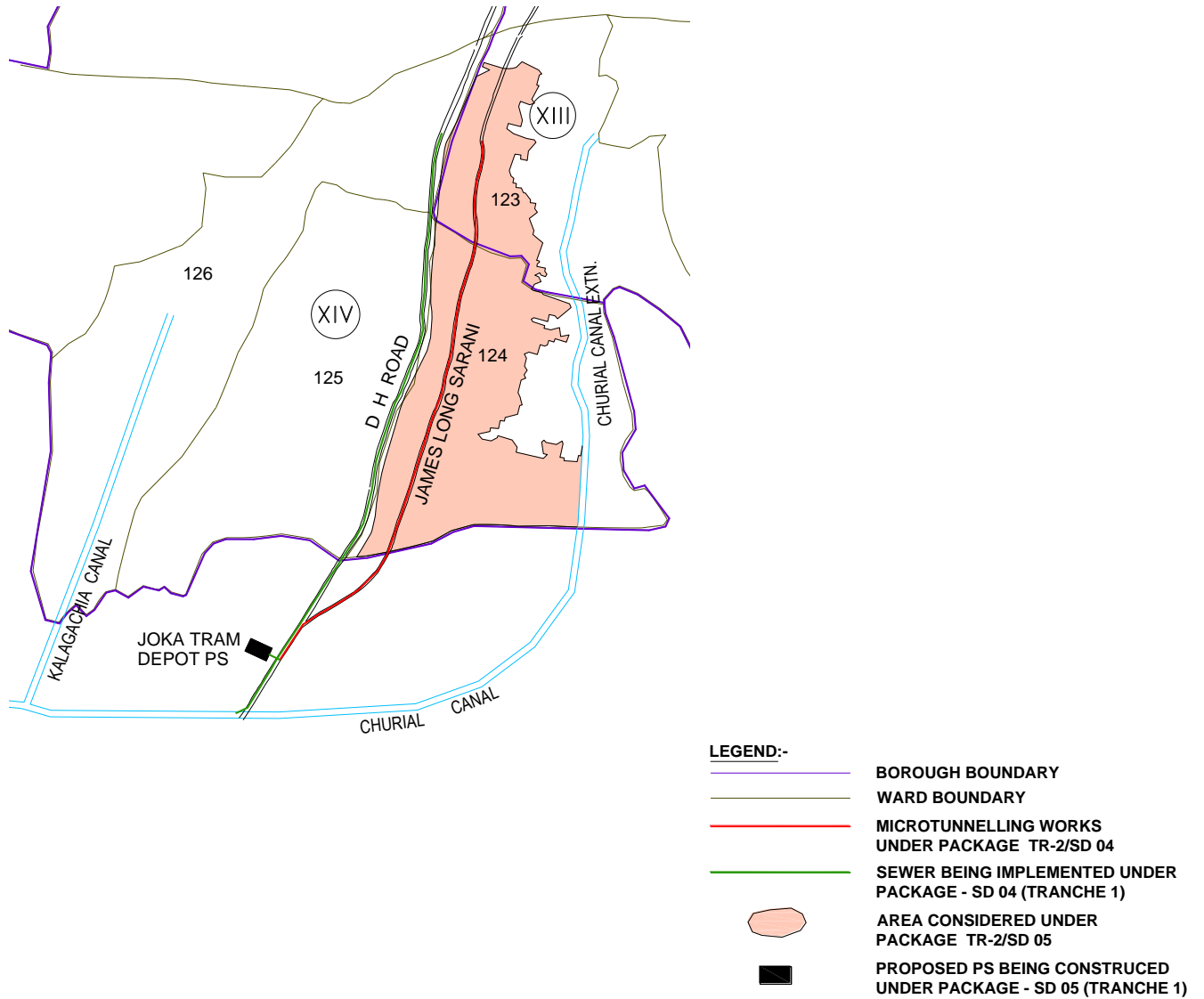


Figure 2 Proposed Layout of Trunk Sewer along James Long Sarani under TR-2/SD 12

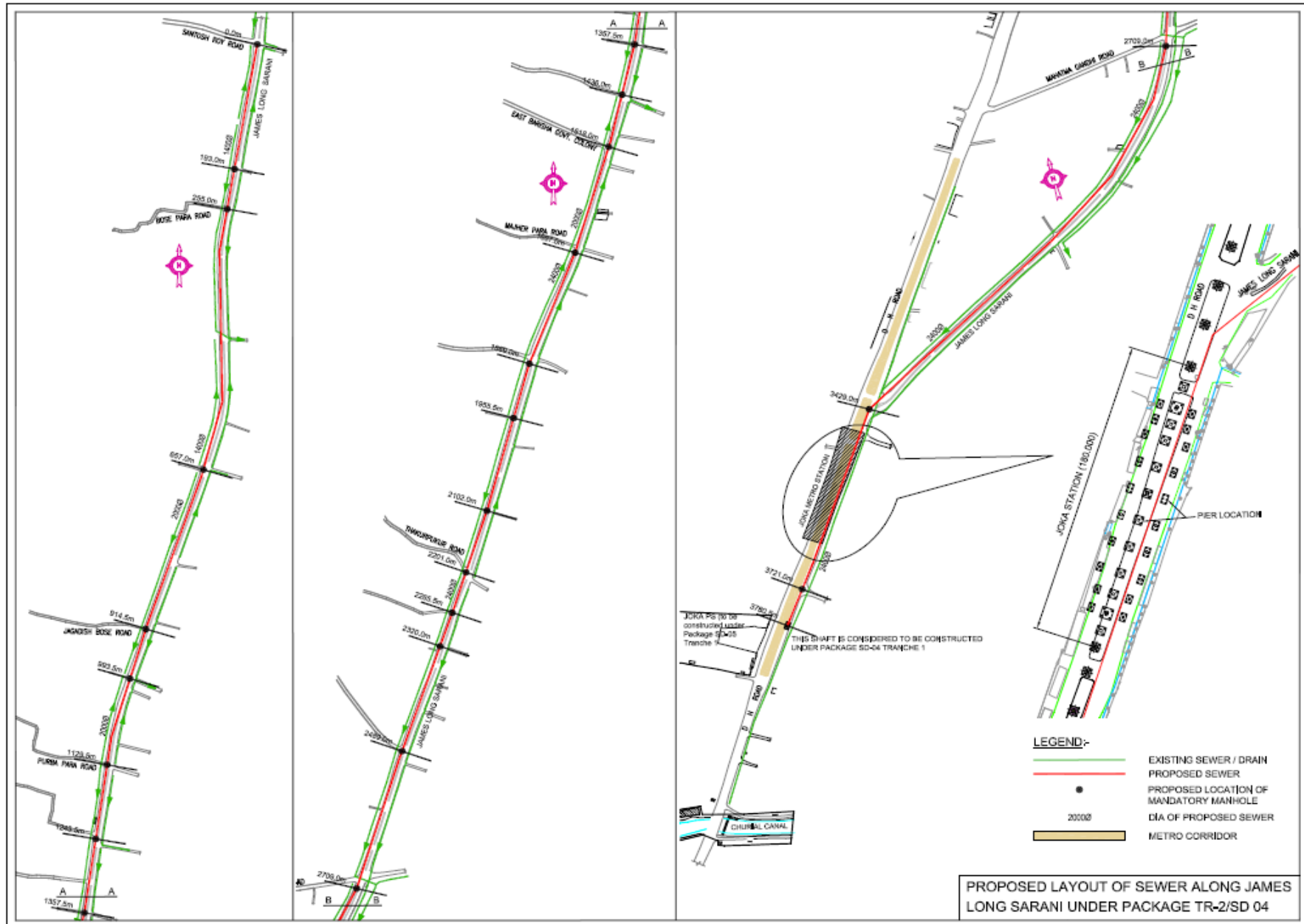
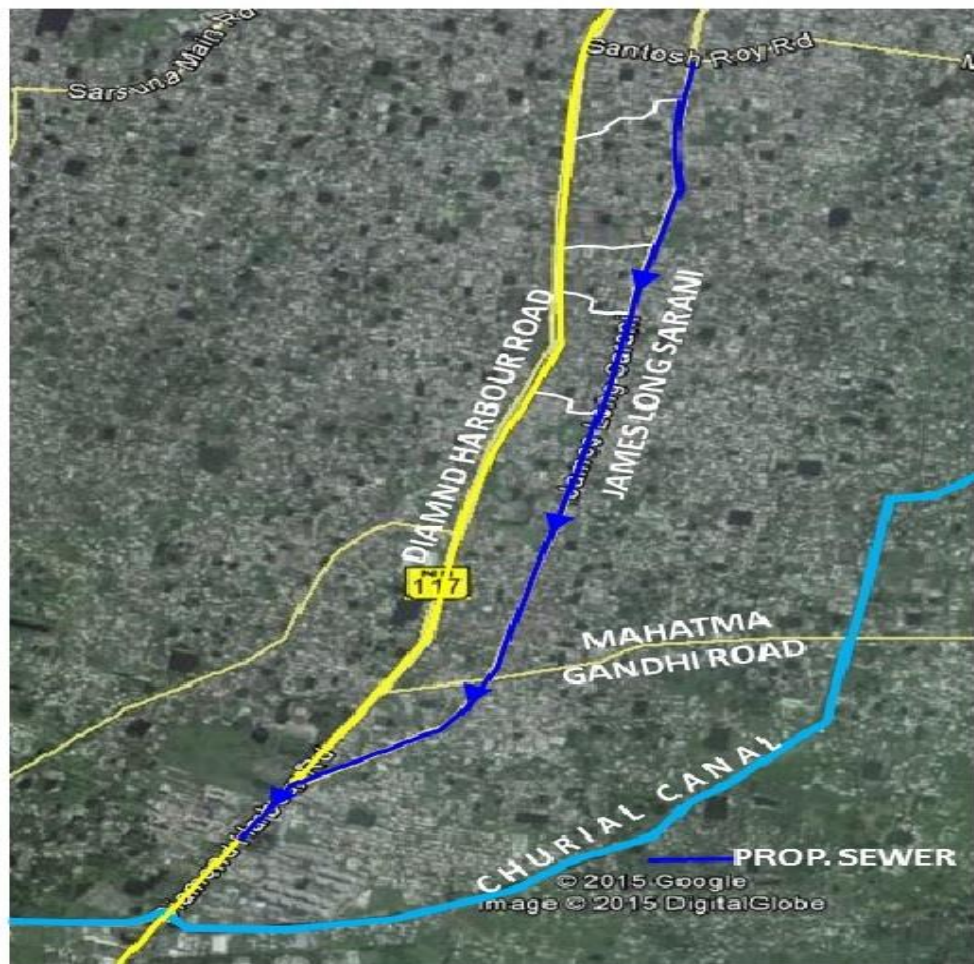


Figure 3: Google Earth Map depicting the proposed Trunk Sewer line under TR-2/SD 12



Starting point (Santosh Roy Road crossing): Latitude: $22^{\circ}28'51.64''$ Longitude: $88^{\circ}18'48.62''$
End point (Opposite to Joka Tram Depot): Latitude: $22^{\circ}27'2.39''$ Longitude: $88^{\circ}18'2.54''$

V. CONCLUSION

A. Summary and Conclusion

22. No significant IR impacts are assessed as the identified alignment for the proposed subproject component, is within the ROW of a government road. Temporary disruption to road users, pedestrians and community members will be minimized by using the micro-tunneling method of pipe-laying and by using pre-cast manholes where feasible, which entail less disruption. Minor disruptions to traffic/access relating to civil work involved for manholes will be mitigated during construction by the contractor through a traffic management plan and simple measures such as provisions of planks for pedestrian access to shops.

23. A budgetary provision is made for costs likely to be incurred by the PMU for updating of this due diligence report (INR 80000); by PMU and DSC for consultation, communication and grievance redress (INR 150000); and 15% percentage contingencies (INR 34500), i.e, a total of INR 264500.

B. Next Steps

24. The DDR needs to be updated with the following information:
- (i) NOC obtained from PWD for execution of subproject activity to be appended to the due diligence report.
 - (ii) Photographs of pit locations, before start of civil work, and during start of civil work.
 - (iii) Detailed measurement survey (DMS), marking of excavation for pipe alignment and pits for micro-tunneling, and documentation of DMS.
 - (iv) Continued consultations with the community and record of their concerns and issues, if any.
 - (v) In case of any unforeseen impacts, the DDR needs to be re-assessed, and documentation of the same, along with compensation and mitigation as per the Entitlement Matrix of the approved RF undertaken.
 - (vi) ADB approval on the updated DDR/RP based on the final assessment at detailed measurement survey stage needs to be obtained by the PMU prior to start of construction.

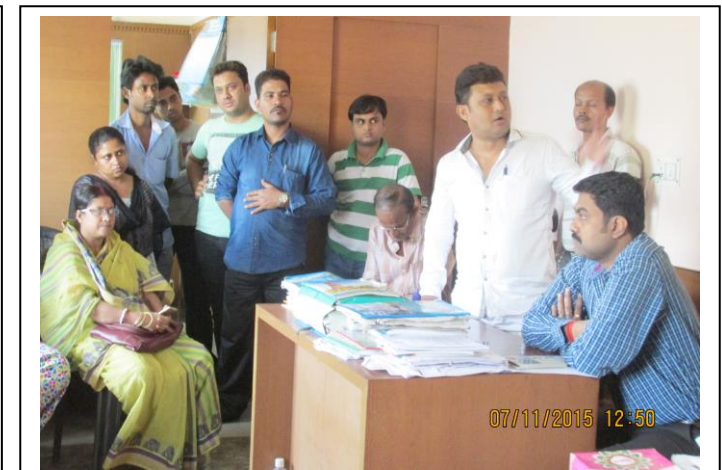
PHOTOGRAPHS



Community Consultation at Ward No. 123 in the presence of Ward Councilor



Community Consultation at Ward No. 124 in the presence of Ward Councilor



Transect Walk along Rabindr Nagar, Ward 123 on James Long Sarani (TR-2/SD12 site) and community consultations



Sakher Bazar – James Long Sarani Crossing, starting point of SD 12 S&D work




Transect Walk and consultation Along James Long Sarani




Letter from KEIP to PWD, Alipore Division seeking a No Objection Certificate for proposed works

o/c



Uddy Ranjan Saha
Executive Engineer (Civil)



Kolkata Environmental Improvement
Investment Program

469

Ref: PMU/470/15-16
Dated: November 19, 2015

206, A. J. C. Bose Road,
Kolkata-700 017;
T (91) 033 2544;
F (91) 2332 6033
E pdkeip@gmail.com;
W www.keip.in

To
The Executive Engineer-II
P. W. D.
Alipore Division
Bhabani Bhavan
Kolkata

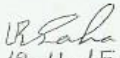
Sub : Laying of trunk sewer along James Long Sarani from Shakher Bazar to Diamond Park by Micro tunnelling method.

Sir,

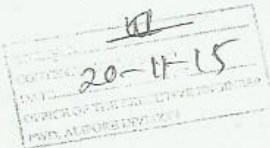
You are well aware that a sewer laying work by Micro tunnelling method will be executed along James Long Sarani from Shakher Bazar and it will be connected with the 2400mm dia main sewer line of D. H. Road (presently under execution) at Diamond Park with the financial assistance of Asian Development Bank.


DPR is under preparation and will be submitted to you after completion for your approval to execute the work along this road. The work is likely to commence in mid 2016 and a detailed proposal will be sent for your kind consent before invitation of bid.

Yours sincerely,



19.11.15.
Executive Engineer (C) / KEIP





Kolkata Municipal Corporation

Minutes of Community Consultations

A Brief Report on Community Consultation at KMC Ward Office of Ward No.123

Date: 06.11.2015

Venue: Ward Office, Ward No. 123

A Community Consultation meeting was conducted on 6th Nov'15 at above mentioned location for information dissemination and exchange of views for the upcoming Micro Tunneling Work along James Long Sarani (Sakher Bazar and James Long Sarani crossing to Diamond Park Joka) under Package SD-12 of Tranch – II KEIIP.

The Consultation meeting was organized by Sri, Sudip Polley, Councillor of KMC Ward no. 123. The meeting was conducted by the staff of Social Safeguard Cell, KEIIP. A total of 24 female and 18 male participants (total 42 persons) were present during the meeting. The meeting took place at the Ward Office of ward No. 123 situated near James Long Sarani. The meeting continued for one hour. Information was exchanged regarding project work at the meeting.

Among the female participants, a majority were housewives and others were employed in the government/private sector, only one female participant was in business. The male participants were mainly shop-owners and employees of government/private organisations.

Information shared on following topics:

- Introduction of KEIP as an initiative of Kolkata Municipal Corporation with the financial support of Asian Development Bank for arresting the degradation of environmental condition of Kolkata and adjoining areas.
- Need and scope of work of KEIIP.
- Micro-tunneling work to be undertaken along James Long Sarani covering Ward No 123,124 and partly 143 under package SD – 12 of Tranch – II.
- There will be no adverse impact on structures, livelihood, transportation and other utilities like electricity, water supply etc. There will be no effect on daily business of shop owners or local traders.
- Technical information i.e. total length of work, diameter of pipes to be laid along the road, flow of water etc. was shared
- Importance of public participation and public awareness was emphasized.
- Benefits of the project were elucidated.
- Impact of the project on environment was discussed.

Issues raised by the participants:

- The commencement of the project work and duration.
- Connecting the adjoining areas of James Long Sarani under this project.
- Impact on existing sewer line due to project work.

[REDACTED]

KEIP - Community Consultation Programme
Micro-Tunnelling work under pkg- SD-04 of Tranche-II

Participants List

Name of place (Ward No) 123

venue - ward office
(KME)

Date 06.11.2015

Sl.No	Name of Participants	Contact No, if any	Signature
1	Prosen Moidet	9836464346	P. Mondal
2	Biswajit 123 [Signature]	9804910883	[Signature]
3	Biswajit Bharmick	9903597129	[Signature]
4	Sreebesh	9830447104	[Signature]
5	Sarna Dutta Roy	9674480587	[Signature]
6	Barnali Sengupta	8013663455	[Signature]
7	RAKHI DUTTA (Bhattacharya)	9748199272	[Signature]
8	Ramusanyal	9831425991	R. Sanyal
9	Aradhendu Biswas	9635197623	Biswas
10	Mamata Roy Sri	9038057587	M. Roybari Sri

Participants list authenticates by

Sudip Polley
06.11.15

1064

SUDIP POLLEY
Councillor, Ward No : 123
The Kolkata Municipal Corporation



KELIP- Community Consultation
Micro-teenheling work under pkg - SD-04, Tranche-II

Participants List

Name of place (Ward No) 123

venue: KMC ward office

Date 06.11.2015

Sl.No	Name of Participants	Contact No, if any	Signature
11	Kakali Tramanik	9804242227	
12	Marjya murmu.	8016658442	M.M.
13	Shyamali Halder	9903837444	S. Halder
14	Susmita Das.	7687047853	
15	Anjana Sahoo.	7278554887	A. Sahoo.
16	Ashim Das	9038703699	A. Das.
17	Nivedita Paul	7278884642	N. Paul
18	Rinku Nayal	9007770993	Rk
19	ANUP GUPTA	9007715670	Anup Gupta.
20	Sambhu Das	9463467510	S. Das

Participants list authenticatio by

Sudip Polley

06.11.15

20th 4

SUDIP POLLEYCouncillor, Ward No : 123
The Kolkata Municipal Corporation

KEIP- Community consultation
Micro-tunneling work under pkg-SD-04, Tranche II

Participants List

Name of place (Ward No) 123

venue: KMC Ward Office

Date 06.11.2015

Sl.No	Name of Participants	Contact No, if any	Signature
21	Moemila Roy	9804456642	<i>[Signature]</i>
22	Nilon Ghosh	9804168180	<i>[Signature]</i>
23	Bikash Das.	8981311089	<i>[Signature]</i>
24	Sumit Ranik	9804436682	<i>[Signature]</i>
25	Subrata Bhattacharya	9830380803	<i>[Signature]</i>
26	Sachin Kumar	9908526705	<i>[Signature]</i>
27	Biswajit Bandyopadhyay	9477671539	<i>[Signature]</i>
28	Sumit Sankar	8272990561	<i>[Signature]</i>
29	Abhishek Mondal	9768442559	<i>[Signature]</i>
30	Sanjay Kumar	7089606817	<i>[Signature]</i>

R. Sanjib Naskar - 8697675348
Participants list authenticator by

[Signature]
06.11.15

3084

1

1

SUDIP POLLEY

Councillor, Ward No : 123
The Kolkata Municipal Corporation

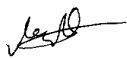
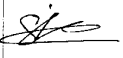
KEIP- Community Consultation
Micro-tunneling work under PKG SD-04, Tranche-II

Participants List

Name of place (Ward No) 123

Venue: KMC Ward Office

Date 06.11.2015

Sl.No	Name of Participants	Contact No, if any	Signature
31	BN/2/1/2/1/5		
32	SU Ramal NAB ROE	98318291 50	
33	SH Bhatnagar	9748489318	
34	Shibu Panja	9007577784	
35	Shyam Bhatnagar	9163686412	
36	Shyam Bhatnagar	8981463133	
37	Gopal Das	9007770934	
38	Shyam Bhatnagar	X	
39	Tinku Khara	8961927076	
40	Shyam Bhatnagar	X	

41 Manu Affharpang — 7274538081

42 Sona Oza 7282821694
Participants list authenticated by

4 06/11/15

Sudip Polley

SUDIP POLLEYCouncillor, Ward No : 123
The Kolkata Municipal Corporation

A Brief Report on Community Consultation at KMC Ward Office of Ward No.124

Date: 07.11.2015

Venue: Ward Office, Ward No.124

A Community Consultation meeting was conducted on 7th Nov 2015 at the above-mentioned location for information dissemination and exchange of views for the proposed Micro Tunneling Work along James Long Sarani (Sakher Bazar and James Long Sarani crossing to Diamond Park Joka) under Package SD-12 of Tranch – II KEIIP.

The consultation meeting was organized by Sri, Rajib Das, Councillor of KMC Ward no. 124. The meeting was conducted by the staff of Social Safeguard Cell, KEIIP. A total of 13 Female and 17 male participants (i.e., a total of 30 participants) were present during the program. The consultation was conducted at the Ward Office of ward No. 124 situated at Daspara near James Long Sarani. The meeting continued for 1 hour. Views were exchanged regarding the proposed project work.

Among the participants, who were local residents of the ward, a majority of female participants were health workers, while others were employed in government/private sectors.

Information shared on following topics:

- Introduction of KEIP as an initiative of Kolkata Municipal Corporation with the financial support of Asian Development Bank for improvement of the environment of Kolkata and adjoining areas.
- Need and scope of work of KEIIP.
- Micro-tunneling work to be undertaken along James Long Sarani covering Ward No 123,124 and partly 143 under package SD – 12 of Tranch – II.
- There will be no impact on structures, livelihoods, transportation and other utilities like electricity, water supply etc. There will be no impact (permanent or temporary) on daily business of shop owners or local traders.
- Benefits of the project i.e. closure of open drain, reducing the prevalence of vector borne diseases, water logging problem during monsoon etc. was discussed. Widening of road, smoother traffic flow, improved sewerage and drainage system through underground house drainage connection, were also the expected outcomes of the project.
- Technical information i.e. total length of work, diameter of pipes to be laid along the road, flow of water etc. was discussed.
- Importance of public participation and public awareness was highlighted.

Issues raised by the participants:

- Commencement date of project work and its duration.
- Connecting the adjoining areas of James Long Sarani, as the road levels are lower than James Long Sarani.
- Connecting the existing underground drainage system (in few areas of ward – 124 by local Borough office) to the proposed trunk sewer line of KEIIP.

- Water-logging problem during monsoon.
- Grievance redressal procedures regarding project work.
- In areas adjacent to canals, the slope of the land is inclined towards the canal; provision of sewer connections in those areas needs proper planning.

KEIP Community Consultation
Micro-tunneling work under Pkg- SD-04, Tranche-11

Participants List

Name of place (Ward No) 124 Venue - Daspara Ward office.
Date 07/11/2015

Sl.No	Name of Participants	Contact No, if any	Signature
1.	Rajib Kumar Das (Councillor-124)	983002950	Rajib Das
2.	Ram Ch. Ry	9826148947	Ram Chandra Ry
3.	Subarna Sarkar	933172272	Subarna Sarkar
4.	Malati Chaudhary	9903466940	Malati Chaudhary
5.	Chandnai Das	9804493896	C Das
6.	Sibani Dey	9836234486	S Dey
7.	Suklanmitra	9748446606	S. mitra
8.	Bishnu Choudhary	8017390953	Bishnu
9.	Mitala Biswas	9804515641	Mitala Biswas
10.	Mihirana Bibi	9088127372	Mili

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Rajib Kumar Das
Councillor, Ward No. 124
1st Municipal Corporation
H. 163/DA, D. H. Road
W. Thakurpali, 711 002

KEIP Community Consultation
Micro-tunneling work under PKG-SD-04, Tranche-II

Participants List


Name of place (Ward No) 124

Venue: Dargpara Ward
Office

Date 07/11/2015

Sl.No	Name of Participants	Contact No, if any	Signature
11	Sima Paul	9836092764	S. Paul
12	Sikha Sarkar	9477744852	S. Sarkar
(13)	Tajanti Mondal	9051660881	T. Mondal
14	Mamta Begam	8013450758	M. Begam
15	Lily Malakar	24535053	L. Malakar
16	SUKLATA DAS	9883134544	S-H
17	Mukta Khatri	9883134544	M. Khatri
18	Babymajumdar	9909431516	B. Majumdar
19	Nirmal Kumar Mukherjee	9331756509	N. Mukherjee 07/11/15
20	Chanchal Ray Chandhury	9804312545	C. Chandhury 07/11/15

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RAJIB KUMAR DAS
 Councillor, Ward No. 124
 Kolkata Municipal Corporation
 Corres. Add.: 16/23A, D.H. Road,
 Inda Das Park, Thakurpally


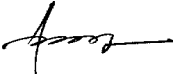

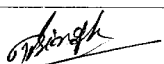


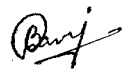
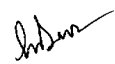
KEIP Community Consultation
Micro-tunneling work under pkg - SD-09, Tranche-II

Participants List

Name of place (Ward No) 124

Venue: Daspara Ward Office

Date 07/11/2015

Sl.No	Name of Participants	Contact No, if any	Signature
21.	Rishi Barai (Guhosh)	9830425421	
22.	Anit Kumar Hazra	9903124634	
23.	Arup Kumar Paul	9231994387	
24.	Tarakabandor Singh	9433795030	
25.	Rajesh Das	9804844358	
26.	Sibu Kozma Koz	9433166724	
27.	Pratik Banerjee P.A. KEIP		
28.	Madhusmita Shuk S.S.C/KEIP		
29.	Ayan Jyoti Nag S.S.C/KEIP		Ayan Jyoti Nag
30.	Sumit Chowdhury S.S.C/KEIP		Sumit Chowdhury

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RAJIB KUMAR DAS
Councillor, Ward No. : 124
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