

Safeguards Due Diligence Report

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India: West Bengal Drinking Water Sector Improvement Project

Subproject: Bulk Water Supply for North 24 Parganas
Package Number: WW/N24P/NCB/01/2017-18

Prepared by Public Health Engineering Department, Government of West Bengal for the Asian Development Bank (ADB).

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Due Diligence Report

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Improvement Project – Bulk Water Supply for North
24 Parganas**

Package Number: WW/N24P/NCB/01/2017-18

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CURRENCY EQUIVALENTS

(as of Sept, 2023)

Currency unit	=	Indian rupee (₹)
`1.00	=	\$ 0.014
\$1.00	=	` 82.57

ABBREVIATIONS

ADB	-	Asian Development Bank
CBO	-	Community-Based Organization
CWTM	-	Clear Water Transmission Main
DBO	-	Design, Build and Operate
DDR	-	Due Diligence Report
DMS	-	Detailed Measurement Survey
DSC	-	District Steering Committee
DSISC	-	Design, Supervision and Institutional Support Consultant
ESSU	-	Environment and Social Safeguard Unit
FGD	-	Focus Group Discussion
GLSR	-	Ground Level Reservoir
GOWB	-	Government of West Bengal
GRC	-	Grievance Redress Committee
GRM	-	Grievance Redress Mechanism
HIDCO	-	Housing and Infrastructure Development Corporation
HSGO	-	Head, Safeguards and Gender Officer
IPP	-	Indigenous People Plan
I&WD	-	Irrigation and Waterways Directorate
NGO	-	Nongovernment Organization
NOC	-	No Objection Certificate
PHED	-	Public Health Engineering Department
PIU	-	Project Implementation Unit
PMC	-	Project Management Consultant
PMU	-	Project Management Unit
RFCTLARRA	-	Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act
ROW	-	Right-of-Way
SIA	-	Social Impact Assessment
SPS	-	Safeguard Policy Statement
SGC	-	Safeguard and Gender Cell
WBDWSIP	-	West Bengal Drinking Water Sector Improvement Project
WTP	-	Water Treatment Plant

WEIGHTS AND MEASURES

Dia.	-	diameter
km	-	kilometer
m	-	Meter
MLD	-	million liters per day
mm	-	Millimeter
m ³	-	cubic meter

NOTE

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

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EXECUTIVE SUMMARY

1. **Background:** The West Bengal Drinking Water Sector Improvement Project (WBDWSIP) aims to provide safe, reliable and continuous drinking water as per Government of India's standard to about 3.9 lakh households in the Arsenic, Fluoride, and salinity affected selected areas of North 24 Parganas, East Medinipur and Bankura districts in accordance with the Vision 2020 of GOWB and Government of India Strategy for Drinking Water Supply. The Project will ensure drinking water security through 24/7 piped water supply schemes in the areas covered. The Project will have following key outputs:
 - (i) **Output 1:** Climate resilient drinking water infrastructure constructed;
 - (ii) **Output 2:** Institutions and capacity of stakeholders for drinking water service delivery strengthened.
2. **Subproject Description:** The subproject components under package WW/N24P/01 include: (a) construction of 100 MLD water treatment plant (WTP) including intake sump, pump house and mechanical sludge dewatering system; (b) laying of about 600 m of 1200 millimeter (mm) diameter raw and clear water transmission main within WTP compound; (c) centralized clear water reservoir (minimum storage capacity-4600m³ capacity); (d) laying of around 4.9 km of clear water transmission main of 1200mm diameter; (e) Booster Station-1 (BS-1) with minimum 4600 m³ storage capacity, (f) construction of two intermediate booster stations cum ground level reservoirs, one each in Haroa (Nazarnagar Mouza) and Bhangar-II (Satuli Mouza) blocks, (g) Crossing of Bagjola Canal at Bhangar II, (h) Crossing of Bidyadhari River at Haroa.
3. **Resettlement Plan:** This Resettlement Plan is updated for package WW/N24P/01 of WBDWSIP, with financial assistance by ADB, using the sector lending modality. At present, land needed for accommodating intake treatment units, land for Booster Station-1, Haroa GLSR and Bhangar II GLSR have been arranged and handed over to the Contractor. Clearance for clear water transmission main alignment from outside the WTP boundary to Booster Station-1 (BS-1) has been obtained. Permissions from I&WD for canal crossing over Bagjola Canal in Bhangar II and Bidyadhari River in Haroa are also obtained.
4. **Scope of Land Acquisition and Resettlement:** This Resettlement Plan for the package WW/N24P/01 is undergoing final updation based on availability of land parcels and permissions obtained till 31st August 2023. The total land required under this package has been handed over to the contractor. Contract The required land for WTP under package WW/N24P/01 and Booster Station (BS-1) belongs to the Housing and Infrastructure Development Corporation (HIDCO) and is vacant and free of any encumbrances. The land required for WTP and BS-1 have already been transferred in the name of PHED and handed over to the Contractor concerned. The land required for, GLSR-Harua and GLSR-Bhangar II have also been transferred to PHED and handed over to the contractor. For GLSRs cum intermediate booster stations under this package, two privately owned land parcels were identified, one in Bhangar II (Satuli) and the other one in Harua (Nazarnagar). Both the GLSRs at Bhangar II and Harua have been purchased through negotiated settlement and the Third Party Certification for both the lands have been completed as per the ADB SPS, 2009. The third GLSR which was proposed to be constructed at Rajarhat has been removed from the said package as the same is being implemented under a different contract.
5. In case of clear water transmission main (CWTM), one part (from within WTP compound to Existing drainage pumping station-IB at AA-I, New town) of the alignment considered previously, has been changed and received approval from HIDCO and remaining part of

the alignment remains the same. The mentioned alignment has been changed to avoid impact on 8 shopkeepers and three structures which were identified earlier. After scrutinizing the final work plan and method statement for construction including width of the trench and Dia of pipes, submitted by the engaged contractor and subsequent approval of the same has been given by the PIU and PMU.DSISC social team along with the contractor's team undertook the transect walk all along the alignment. After detailed inspection through transect walk, it was observed that there are certain sections along the two stretches of alignment, which could have had some temporary impact in terms of temporary business loss or structure loss. However, due to proper revised designing and fixation of alignment by the engineering team of PIU and DSISC, total avoidance of the same was made possible. According to the proposed methodology, work will be performed in such a way, mostly night time, that no shops on either of the sides will incur any temporary business loss. If open cut method is used from chainage 2+896 to 3+400 while laying of 1200 dia. pipe, along the canal bank then it could have impacted 5 structures which belongs to Omnivera Learning Solution Pvt. Ltd (Karmoyog Group), a business entity which had taken a portion of the canal bank land on lease from HIDCO, where these structures were located. But a road was constructed by HIDCO along the canal bank before the CWTM was laid. HIDCO had completed relocation of all the temporary structures under a separate project of HIDCO and executed the road construction as a separate project not related to ADB funded WBDWSIP under PHED. So, when CWTM was laid, the alignment along the left bank of the road was totally free from the existence of the temporary structures. Thus, we can conclude that the entire alignment of CWTM has no resettlement impact.

6. There are two other components, crossing of Bagjola canal at Bhangar II and Crossing of Bidyadhari river at Haroa, under this package whose design has not yet been finalized but locations are finalized and recorded free from any social impact. In case of Bagjola canal, a 700 dia. secondary transmission main will cross the canal through a pipe carrier bridge. In case of Bidyadhari River, a 700-dia. secondary transmission main will cross the river through the use of trenchless technology. The finalization of proposal is in progress for these two components. There is no involuntary resettlement impact expected as the pipes are already laid by PHED Department from BS-1 to Bhangar II GLSR and Bhangar II GLSR to Haroa GLSR. The resettlement plan has been updated and has reconfirmed for final absence of any kind of involuntary resettlement impacts and thus becoming Due Diligence Report (DDR) from the Resettlement Plan (RP).
7. **Categorization:** The subproject is classified as Category "B" in accordance with ADB's safeguard review procedures for the Safeguard Policy Statement (SPS), 2009. ADB's SPS covers both temporary and permanent impacts to both titled and non-titled persons and includes both physical and economic displacement.
8. **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 proposed.
9. **Institutional Setup:** The Public Health Engineering Department (PHED), West Bengal has overall responsibility for implementing this resettlement plan. For the WBDWSIP, a project management unit (PMU) is created under PHED Kolkata, supported by PHED Project Implementation Units (PIU) at the district level. The PMU is assisted Project Management Consultants (PMC) and the PIUs by Design, Supervision and Implementation Support Consultant (DSISC) in planning and implementation of the project. In case of design-build-operate (DBO) contract packages like DWW/N24P/NCB/01/2017-18 subproject package, the contractor is envisaged to have a Social Supervisor, who is responsible for joint inspections with design engineers and PIUs, detailed measurement surveys (DMS),

finalization of inventory of losses, updating and implementation of resettlement plan.

10. **Resettlement Budget and Financing Plan:** In the section wise revised RP, the resettlement cost estimate for the subproject package DWW/N24P/NCB/01/2017-18 is omitted as there is no impact till date. The RP of Package 01 has thus become a Due Diligence Report (DDR).

I. PROJECT DESCRIPTION

A. Introduction

1. The West Bengal Drinking Water Sector Improvement Project (WBDWSIP or the Project) aims to provide safe, reliable and continuous drinking water as per Government of India's standard to about 6 million people in the arsenic-, fluoride-, and salinity-affected selected areas of North 24 Parganas, East Medinipur and Bankura districts in accordance with the Vision 2020 of Government of West Bengal (GOWB) and Government of India Strategy for Drinking Water Supply. The Project will ensure drinking water security through 24/7 piped water supply schemes in the areas covered. The Project will have the following key outputs:
 - (i) **Output-1:** Climate resilient drinking water infrastructure constructed;
 - (ii) **Output-2:** Institutions and capacity of stakeholders for drinking water service delivery strengthened.
2. Under Output-1, The project will provide a minimum of 70 lpcd of continuous potable water through metered connections to the households in selected areas of the project districts. The distribution systems will be designed on a DMA basis. Both the bulk and the distribution systems will be integrated with modern STWM and monitoring tools, including supervisory control and data acquisition and geographic information systems. Bulk water supply systems, consisting of intakes, water treatment plants, and transmission mains, will be sized to provide water supply to urban and rural areas. They will be connected into a grid with the existing and the new systems in the project districts, where feasible, to reduce redundancy, improve resilience, and efficiently manage the system.
3. The proposed Haroa-Bhangar II subproject in North 24 Parganas and South 24 Parganas¹ is anticipated to benefit around 0.81 million people with surface sources based potable drinking water in the Arsenic affected areas of Haroa block in the North 24 Parganas district Bhangar-II block in the South 24 Parganas district.²The Haroa-Bhangar II subproject components are divided into two packages: (i) WW/024P/01 – procurement of bulk water supply components including water treatment plant (WTP), transmission mains, reservoirs and pumping stations in Haroa and Bhangar-II; and (ii) WW/N24P/02 – Package has been divided into 2 sub packages (a) WW/N24P/02A and (b) WW/N24P/02B. WW/N24P/02A includes construction of 21 overhead reservoirs including associated distribution network in Haroa block and (b) WW/N24P/02B includes construction of 18 overhead reservoirs including associated distribution network in Bhangar-II block. Under the subproject WW/N24P/02B the land selection for Zone 1, 2 and 18 of Bhangar II Block needed different approach as these falls under EKW area. Alternative lands have been identified for Zone 2 and 18. OHR of Zone-1 has been accommodated within the land identified for OHR of Zone-18. The alternative lands for OHRs of zone-2 and 18 were purchased from private landowners, which are out of the EKW area.
4. Work under the contract package DWW/N24P/NCB/01/2017-18 is under progress and it has full availability of site. This updated Resettlement Plan for the package DWW/N24P/NCB/01/2017-18 has now become a Due Diligence Report (DDR), because it has zero resettlement impact and no affected entity. The final DDR for the Package 01 will be reviewed and disclosed in the PHED and ADB websites.

¹The subproject will be financed by proportionate Sub-Mission grant from Ministry of Drinking Water Supply, Government of West Bengal (GOWB) and ADB funding

²These blocks are presently dependent on the Ground water sources with arsenic contamination in the 320 out of the 728 habitations

Components under package WW/N24P/01

5. Components under the package WW/N24P/01 are detailed out in the **Table 1** below. **Table-2** presents status of land availability under each component of Package 01. and **Appendix-1** presents a summary of potential involuntary resettlement impacts.

Table 1 Proposed Subproject Components Under Bulk Water Supply Components Procurement Package in Haroa and Bhangar-II

Sl.	Project Component	Details
1	Construction of 100 MLD water treatment plant including intake sump, pump house and mechanical sludge dewatering system	100 MLD capacity
2	Laying of 1200 mm diameter raw and clear water conveyance mains within the WTP compound	600 m length
3	Clear water reservoir and pumping station	Minimum 4600 m ³ storage capacity
4	Laying of water transmission mains of 1200 mm diameter	4.9 km length
5	Booster Station-1	Minimum 4600 m ³ storage capacity
6	Construction of intermediate booster stations cum ground level reservoirs	2 in number, one each in Haroa and Bhangar-II
7	Crossing of Bagjola Canal downstream at Bhangar II	Constructing pipe carrier bridge
8	Crossing of Bidyadhari River upstream at Haroa	Trenchless technology under the riverbed whose approximate length is 365 M and depth is 21M.

m³ = cubic meter, km = kilometer, MLD = million liters per day, mm = millimeter.

Table 2 Status of component wise Land Availability

Sl.	Project Components	Details	Land Availability	Ownership of Land	Resettlement Impact	Remarks
1	Construction of water treatment plant including intake sump, pump house and mechanical sludge dewatering system	100 MLD capacity	Land handed over to the Contractor	Government Land (HIDCO)	No impact	The area is a walled one which is free from any unauthorized users or structure.
2	Laying of 1200 mm diameter raw and clear water conveyance mains within the WTP compound	600 m length	Land handed over to the Contractor	Government Land (HIDCO)	No Impact	
3	Clear water reservoir and Pumping Station	Minimum 4600 m ³ storage capacity	Land handed over to the Contractor	Government Land (HIDCO)	No impact	
4	Laying of water transmission mains of 1200 mm diameter	4.9 km length	Alignment handed over to the contractor	(i) Government Land (HIDCO)	(ii) Chainage 0+000 to 4+296: No impact	Out of the total length of 4.9 km of CWTM, a completely new alignment has been proposed for the first 3 km approx. (from WTP to Existing Drainage pumping Station-IB at AA-1 New Town) compared to the previously decided alignment. Permission for the newly proposed alignment has been obtained from HIDCO. This new alignment has no impact in terms of temporary or permanent income loss of any affected entity and hence no impact. Work execution of this part of 2.9 km, will be done with open cut method and laying will happen during nighttime. The work has been planned in a way which will cause no income loss to any of the shop owners on either of the two sides Hence, no Potential temporary impacts or income loss is anticipated.
				Government Land (HIDCO)	(ii) Chainage 2+896 to 4+296: No impact	

Sl.	Project Components	Details	Land Availability	Ownership of Land	Resettlement Impact	Remarks
						a separate project to construct a road along the canal bank. When 1200 dia. pipe was laid along the left bank of the road this stretch has no impact.
				Government Land (HIDCO)	(iii) Chainage 4+296 to End: No Impact	From the end point of trenchless laying from Jatragachi, at canal bank road to Booster Station - 1. This stretch is free from all type of entities.
5	Booster Station-1	Minimum 4600 m ³ storage capacity	Land handed over to the contractor	Government Land (HIDCO)	No impact	The land chosen for construction of Booster Station - 1 (BS-1) is protected by boundary wall and is free from any encumbrances
6	Construction of intermediate booster stations cum ground level reservoirs	2 in number, one each in Haroa and Bhangar-II	The land parcel for construction of GLSR cum intermediate booster station at Bhangar II and Haroa have been handed over to the Contractor.	Private Land	No Impact	The approach road leading to the GLSR site of Bhangar II has been transformed into a brick road from an earthen road. Approach road to GLSR site of Haroa has been transformed into concrete road from brick road.
7	Crossing of Bagjola Canal downstream at Bhangar II	Constructing Pipe carrier bridge	Canal bank land will be required for abutment / jacking /receiving pits.	Government Land (Irrigation & Waterways Dept.)	No impact	Permission from I&WD is received and the crossing location is finalized. The permission letter is annexed in Appendix 23.
8.	Crossing of Bidyadhari River upstream at Haroa	using trenchless technology	Riverbank land will be required for abutment / jacking / receiving pits.	Government Land (Irrigation & Waterways Dept.)	. No impact	Permission from I&WD is received and the crossing location finalized. The permission letter is annexed in Appendix 25.

6. **Measures to Avoid and Minimize Involuntary Resettlement.** To avoid and minimize involuntary resettlement impacts, the subproject is considering the use of government land wherever available and rights-of-way through government road for laying of all proposed pipes under the bulk water supply components of Package 1..One section of the initially proposed alignment, as mentioned in the draft RP(from within WTP compound to existing drainage pumping station IB, at AA-1, New Town) was initially proposed through Housing and Infrastructure Development Corporation's (HIDCO) area, where temporary income loss to 8 shopkeepers along with three temporary structures were envisaged. In order to avoid the mentioned impact new alignment was proposed for the above stretch and approval for the same has been obtained from HIDCO and the newly proposed alignment for Transmission Main pipeline passes through the HIDCO land with no impact on any person. Complete assessment of IR impact on this stretch of alignment has been taken up after the contractor shared the work plan and method statement based on the underground work structure, including diameter of the pipes and width of the trench to be used for pipe laying. The land for GLSR- Bhangar II and Haroa have already been obtained through negotiated

settlement and handed over to the contractor. Third party certification for GLSR-Bhangar II and Haroa GLSR have been completed. Both the lands do not have any structure on it and are free from any informal users and hence no impact. The third-party certification and land handover documents for GLSR cum Booster station at Bhangar II and Haroa are annexed in **Appendix-14 and Appendix-13**. The WBDWSIP project management unit (PMU) ensured that no expropriation would result upon failure of negotiations. They have conducted meaningful consultations with the landowners, offered the market rate for land and other assets, ensured transparency and availability of information on prevalent market price. It was ensured that there is no coercion imposed in the negotiated settlement process. An independent external party to document the entire negotiation and settlement process has been appointed. All the documents relating to Third party certification of negotiated settlement, copies of sale deeds and records of transfer of land to PHED have been appended to the updated resettlement plan.

7. Traffic management during pipe laying work, advance notice to residents and businesses prior to start of work, ensuring access to shops and businesses by providing pedestrian access through planks, assistance to mobile hawkers and vendors and those with moveable, temporary structures to shift to (and back from) nearby locations where they can continue with their economic activities, will be adopted. Where excavation close to residences or commercial properties cannot be avoided, simple mitigation measures such as provision of planks will be implemented as per available guidelines in environmental management plan (EMP) and best practice. Providing timely information to the public about possible negative effects and mitigation measures, including grievance redress procedures and time taken for the same, prior to start of project implementation will be followed as per project implementation plan. Nighttime work plan has been approved by PIU for laying of 1200 dia. CWTM through dense residential area of new town to minimize impact on traffic movement.
8. Crossing of Bagjola canal will be done through the construction of a pipe supporting bridge and the area of both sides of this crossing are free from any IR impact. Similarly, the Bidyadhari River will be crossed by using the trenchless technology where pipe will cross the river under the bed to avoid any over ground IR impact.

B. Objectives of Resettlement Plan

9. This resettlement plan was prepared for investments proposed for development of bulk water supply components of the Haroa-Bhangar II subproject, under WBDWSIP. It addresses the potential involuntary resettlement impacts of the proposed subproject components and is consistent with the agreed Entitlement Matrix for the Project, Government of India and Government of West Bengal policies, and the ADB SPS, 2009.
10. This resettlement plan is prepared in accordance with ADB SPS requirements for involuntary resettlement Category "B" projects and to meet the following objectives:
 - (i) to describe the identified scope and extent of land acquisition and involuntary resettlement impacts because of identified project components, and address them through appropriate recommendations and mitigation measures in the resettlement plan;
 - (ii) to present the socio-economic profile of the population in the project area, identify social impacts, including impacts on the poor and vulnerable, and the needs and priorities of different sections of the population, including women, poor and vulnerable;
 - (iii) to describe the likely economic impacts and identified livelihood risks of the proposed

project components.

- (iv) to describe the process undertaken during project design to engage stakeholders and the planned information disclosure measures and the process for carrying out consultation with affected people and facilitating their participation during project implementation.
- (v) to establish a framework for grievance redressal for affected people that is appropriate to the local context, in consultation with stakeholders.
- (vi) to describe the applicable national and local legal framework for the project and define the involuntary resettlement policy principles applicable to the project.
- (vii) to define entitlements of affected people, and assistance and benefits available under the project;
- (viii) to present a budget for resettlement and define institutional arrangements, implementation responsibilities and implementation schedule for resettlement implementation; and
- (ix) to describe the monitoring mechanism that will be used to monitor resettlement plan implementation.

11. Google Maps Are presented below depicting locations of different components under package 01.

Figure 1: Google Earth Maps Depicting Proposed Components of Package WW/N24P/01

Figure 1A: Water Treatment Plant



Source: Google Earth.

Figure 1B: Booster Station 1



Source: Google Earth.

Figure 1C: Ground Level Reservoir 2 Bhangar II (Satuli)



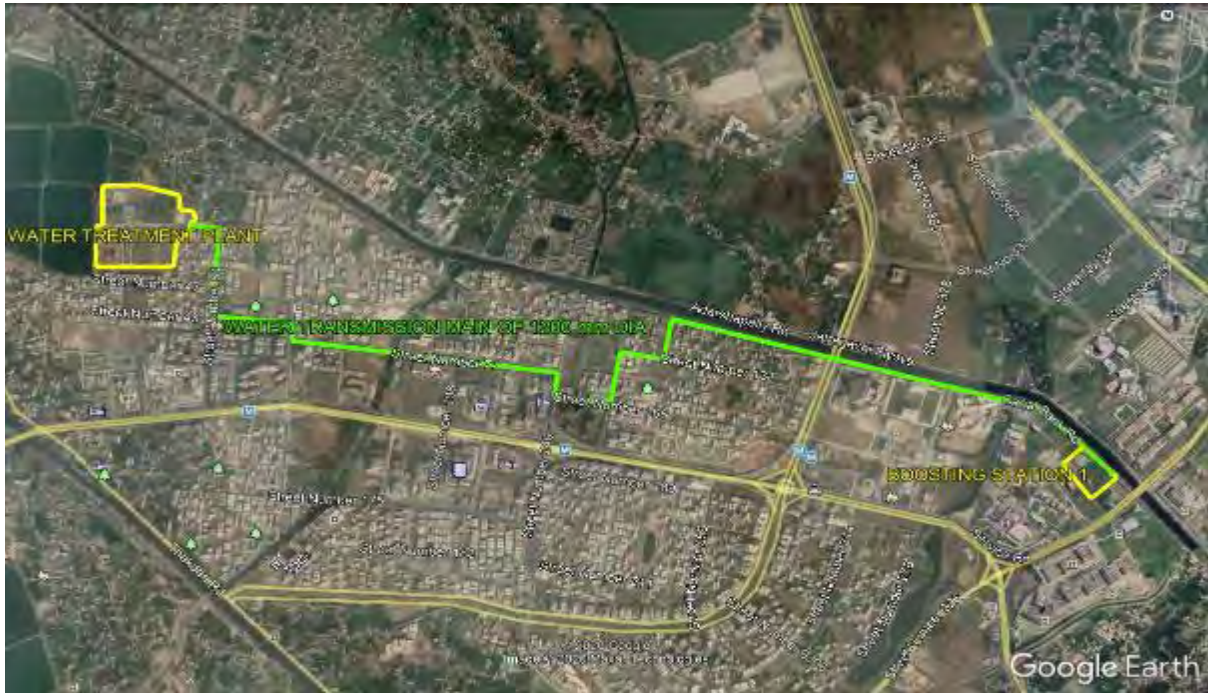
Source: Google Earth.

Figure 1D: Ground Level Reservoir 3 Haroa (Nazarnagar)



Source: Google Earth.

Figure 1E: Route of Transmission Raising Main

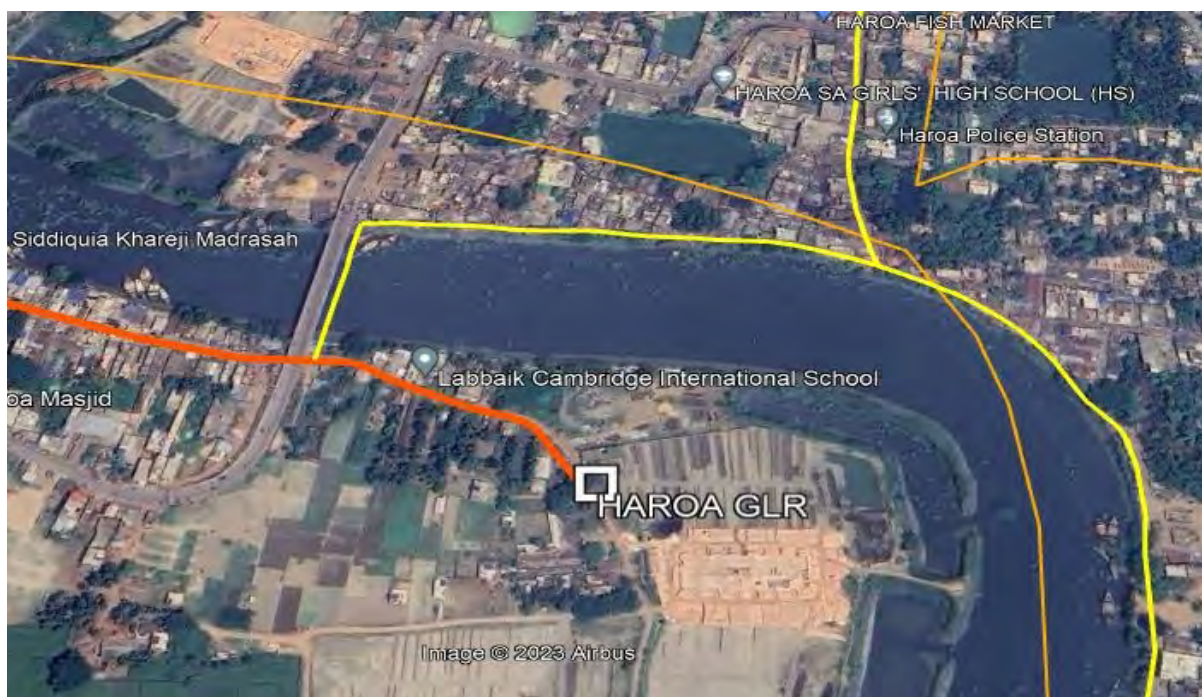


Source: Google Earth.

Figure 1F: Crossing of Bagjola Canal



Figure 1G: Crossing of Bidyadhari River



II. SCOPE OF LAND ACQUISITION AND RESETTLEMENT

A. Land Acquisition and Involuntary Resettlement

12. The scope of land acquisition and resettlement impact were assessed based on field visits and discussions in each site and the entire (100%) stretch of pipe alignment proposed under the Haroa-Bhangar II bulk water supply package while preparing the draft version of RP. On undertaking discussions and visits to the sites and pipe alignment, it can be concluded that no compulsory acquisition of private land has taken place. Where impact is unavoidable, compensation will be paid for the period of disruption/income loss as per the agreed entitlement matrix. Involuntary resettlement impact assessment is being done as per section wise finalization of detail design of the components, through detailed measurement surveys, conducted in sections, ready for construction. Results of the assessment are being included in the updated resettlement plan, prior to section wise implementation.
13. The WTP including intake sump, pump house and mechanical sludge dewatering system is proposed on an available vacant portion of government land belonging to HIDCO, within an existing WTP complex which is being maintained by PHED. The raw and clear water transmission main of 1200 mm diameter and approx. 600 m in length is proposed within the above mentioned WTP compound, which belongs to HIDCO. GoWB, and the entire complex is free from informal users. The centralized clear water reservoir cum booster pumping station is proposed on another parcel of land within the same compound belonging to HIDCO, where PHED is already operating water supply facilities; the land is vacant, walled and free of informal users. Land acquisition for both WTP and booster station sites was undertaken over 30 years ago by HIDCO and discussions with PHED officials reveal that there are no pending or legacy issues related to land acquisition or compensation payment to the original landowners. Copy of the land ownership documents for the WTP showing ownership by HIDCO and the WTP land possession document by PHED and handing over of the same land to contractor for construction and operation of facilities on HIDCO land is available and appended in **Appendix-17**. It shows that 7.533-acre land has

been leased out to PHED. Similarly, land for Booster Station-1 (BS-1) and GLSRs at Bhangar II and Haroa have been handed over to PHED by HIDCO (BS-1) and private landowners (for GLSRs of Bhangar II & Haroa) respectively and subsequently handed over to the contractor by PHED, for which copies of handover documents are attached as **Appendix-18, 19 and .20**. Required land parcels for the WTP, Booster Station 1, GLSR-Bhangar II and GLSR-Harua have been handed over to the contractor on 22.08.2019, on 04.03.2020, on 06.10.2020 and 26.02.2021 respectively.

14. The total length of 1200 dia. Clear Water Transmission Main Pipeline, proposed to be laid under the package is about 4.9 km. Laying of pipes will be done using open cut method for the major part, and trenchless method for certain section, where road cutting is to be avoided or disruptions could be minimized. For stretches where water channel crossings are to be done, trenchless or pipe bridge is to be used for construction. Permission from HIDCO for this stretch has been obtained which is placed in **Appendix-21**. For laying of pipes, out of 4.9 km, 3.5 km of pipe laying will be done open cut and 1.4 km will be through trenchless technology as per the contract. Before the work at site, final work plan including detailed GA drawing, type of technology, underground utilities plan and method statement are prepared by the contractor.
15. This 4.9km may be described in terms of three stretches for the ease of understanding of the changes introduced.
 - a. WTP to the Existing Drainage Pumping station-IB at AA-I (0+000 to 2+811), New town
 - b. From the Drainage pumping station up to the crossing of Major Arterial Road (MAR) at Jatragachhi (2+811 to 3+475).
 - c. After the crossing of MAR to Booster Station 1(3+475 to 4+664)
16. Here some portion of stretch “a” has been changed, referring to a new alignment, but stretch “b” and “c” remains same as part of the originally proposed alignment. The resettlement impact has been assessed following the detailed measurement survey. The result of the assessment is presented in **Table-3** below.

Table 3 Result of the Impact assessment

Chainage	Pipeline laid on	Impact	Mitigation measure	Remarks
0+000 to 0+142	Right side of the proposed road	No Impact	Traffic Management plan has been adopted	
0+142 to 0+500	Left side of the proposed road	No Impact	Temporary income loss by shop owners has been avoided by providing a 2-meter hard barricaded corridor to allow them to continue with their business activities.	
0+500 to 0+523	Road crossing	No Impact	Traffic Management plan has been adopted	
0+523 to 0+806	Right side of the proposed road	No Impact	Traffic Management plan has been adopted	
0+806 to 0+829	Road crossing	No Impact	Traffic Management plan has been adopted	
0+829 to 0+883	Left side of the proposed road	No Impact	Traffic Management plan has been adopted	Separate car parking area may be required for the customers of the market
0+883 to	Road crossing	No Impact	Traffic Management	

Chainage	Pipeline laid on	Impact	Mitigation measure	Remarks
0+904			plan has been adopted	
0+904 to 1+269	Right side of the proposed road	No Impact	Traffic Management plan has been adopted	
1+269 to 1+290	Link canal crossing	No Impact	Traffic Management plan has been adopted	
1+290 to 1+915	Right side of the proposed road	No Impact	Traffic Management plan has been adopted	
1+915 to 1+936	Road crossing	No Impact	Traffic Management plan has been adopted	Enough workspace is available in front of the shops (7 shops) to continue with their business
1+936 to 2+016	Service road	No Impact	Traffic Management plan has been adopted	
2+016 to 2+221	Left side of the proposed road	No Impact	Traffic Management plan has been adopted	
2+221 to 2+490	Left side of the proposed road	No Impact	Traffic Management plan has been adopted	
2+490 to 2+510	Road crossing	No Impact	Traffic Management plan has been adopted	
2+510 to 2+675	Right side of the proposed road	No Impact	Traffic Management plan has been adopted	
2+675 to 2+811	Through the vacant land	No Impact	Vacant land. Open cut process will be used	
2+811 to 3+431.5	Through the canal bank	No Impact	Open cut method has been followed	Pipe has been laid along the left bank of the new Canal Bank Road which was free from any temporary structure as these were previously removed by HIDCO as the owner of the land.
3+431.5 to 3+475	Jatragachhi crossing	No Impact	Trenchless process will be used to cross the junction	
3+475 to End	Left side of the road	No Impact	Traffic Management plan has been adopted	

17. Construction of two ground level reservoirs cum intermediate booster stations, one each in Haroa and Bhangar II, block, are planned:

- (i) The Bhangar GLSR cum booster station is proposed at a privately-owned site, which has been obtained through negotiated settlement. Third party certification has also been completed for the same, which is annexed as **Appendix-14**. The plots were owned by 8 owners, Mr. Alamgir Mallik (power of attorney holder and part owner) and his 4 siblings, who jointly owned 71 decimals, Mr. Ichha Ali Molla and Mr. Ibrahim Molla (brothers), who owned 18 (11+7) decimals, and Ms. Regina Khatun along with Mr. Alamgir Mallik, owned 31 decimals. Thus, the total land to be purchased is 120 decimals. There are no structures or informal users at the site. None of the present owners were below the poverty line or vulnerable, and all of them own other land parcels where agriculture/pisciculture/horticulture is practiced. Details of the land sellers annexed as **Appendix-15**.
- (ii) The Haroa GLSR cum booster pumping station is proposed on a plot t, which has been purchased through negotiated settlement from 4 private owners. The plot was owned by Mr. Farid Zamadar, who owned 90 decimals, Mr. Nazrul Islam, who owned 34 decimals, Mrs. Runa Bibi, owning 20 decimals and Mr. Sahidul Islam, owning 34

decimals. Third party certification process has been initiated for this plot. The GLSR will be constructed on a vacant land measuring 5.38bighas (1.78 acres). Hence no land acquisition or structure loss or livelihood loss is anticipated. Details of the land sellers annexed in **Appendix-16**.

18. The civil works contract for Package DWW/N24P/NCB/01/2017-18 have specific provisions related to impact avoidance, for pipe laying activities as well as construction work near schools, health centers, Anganwadis³ (Pre-nursery schools), etc. The works contractor will be required to maintain access to shops and residences or other buildings/pipe alignments and to institutions located close to proposed sites, and safety through hard barricading of excavated alignments/sites. Care will be taken to avoid/mitigate economic impacts through the following measures: (a) announcement of proposed civil works in advance (to enable shop owners to stock up and remain unaffected if goods vehicles are unable to reach them during construction, (b) provision of planks to ensure pedestrian access; (c) careful timing of implementation to avoid peak sale hours/days or school timings; (d) night work in commercial areas, where possible; (e) minimizing construction period to the extent possible; (f) assistance to mobile vendors if any present during construction, to shift nearby; (g) signage with project details and contact details for grievance redress; and (h) proper traffic management. These measures will be part of the contract and will be implemented through it, with careful monitoring by the concerned PIU. Currently, PHED informally offers, through its contractors, one operation related job per site purchased through negotiated settlement (to any one member of the households of land sellers, jointly nominated by them). In rare cases where any of the land sellers are extremely poor, PHED considers offering operation related jobs to a maximum of 2 persons belonging to land seller households, per site. These arrangements will be formalized and implemented through the contract.
19. A final assessment of impacts will be undertaken along each site/road section based on the detailed engineering design to finalize the resettlement plan accordingly. The detailed measurement survey (DMS) has been conducted section wise according to the finalized detailed engineering design finalized so far. Any shop that has been closed for a period of 6 months or more before conducting the DMS for updating the resettlement plan, will not be eligible for compensation against temporary income loss.

Table 4 Summary of Involuntary Resettlement Impacts

SI.	Details	No. of Affected Persons	Remarks
1	Permanent land acquisition	None	Permanent land acquisition is not within the scope of the project.
2.	Structure loss	None	Loss of 5 structures has been avoided by adopting trenchless technology method instead of open cut method (reference Chainage 2+896 to 3+400 of CWTM).
3.	Permanent and significant livelihood impact	None	The land is being purchased through negotiated settlement and all the 12 land sellers do have alternative sources of livelihood. None of the land sellers fall under the category of vulnerability.
4.	Potential temporary impacts (income loss) to shop/business owners	None	Temporary income loss by shop owners has been avoided by shifting position from right side to middle position of the road.
4a.	Potential temporary	None	No vulnerable person has been identified

³A type of rural child care centre in India as part of the Integrated Child Development Services program.

Sl.	Details	No. of Affected Persons	Remarks
	impact (income loss) to vulnerable persons among temporarily affected shop/business owners		
5.	Potential temporary income loss to employees in affected shops/businesses	None	No such impact has been identified.
6.	Affected Indigenous People	None	No Indigenous Peoples' communities possessing the characteristics described in the ADB SPS are present within the target area under this package.
7.	Loss of Common Property Resources (CPR)	None	No CPR is being affected by this project activity.

B. Indigenous People

20. No adverse impacts to indigenous people have been caused as a result of the proposed bulk water supply components of Haroa-Bhangar II subproject under WBDWSIP. The private landowners of GLSR cum booster station sites at Haroa and Bhangar II do not belong to the scheduled tribes.

III. SOCIO-ECONOMIC INFORMATION AND PROFILE

A. Profile of Affected Person

21. On conducting of DMS of the section wise design, transect walk all along the stretch and discussions undertaken, no affected person has been identified so far. The methodology for estimation of temporary involuntary resettlement impacts is appended as **Appendix 9**.

IV. INFORMATION DISCLOSURE, CONSULTATION, AND PARTICIPATION

A. Public Consultation

22. In the beginning of the project the draft RP was prepared in consultation with stakeholders including temporarily affected persons, land sellers, beneficiaries / local people, poorest of poor households (non-titleholders on Government land), Gram Panchayat Pradhan, panchayat members/ public representatives, panchayat officials, Zilla Parishad officials and PHED engineers. The land sellers of the GLSR sites were aware of the process of negotiated settlement undertaken by the Government. The transparent process of land purchase and determination of market price proposed was explained to the land sellers. During the Public consultations some of the beneficiaries were concerned about affordability of water connection and user charges, but a majority expressed the need for a safe, piped water supply. It was explained that there is no connection charge decided under this project, however, in future if any water users charge is collected, it will be collected by GP and will be used for any kind of operation and maintenance work. The charge (if any) in future will be decided considering the vulnerability category and affordability of the villagers. Non- titleholders squatting on Government land were not hopeful of inclusion in project benefits. The issue of inclusion of such households was discussed in few Gram Panchayat level meetings/consultations held and while all Gram Panchayats agreed to provide water to such households, some were in favor of individual connections to all

(whether titled or non-titled), while others were in favor of stand post supply to non-titled households.

23. As the alignment of CWTM has changed and simultaneously approved by HIDCO, walk-through along 100% of identified alignment by DSISC Safeguard team, contractor's representatives and PIU engineers, have confirmed that there is no project affected person in the entire stretch. Consultations were taken up with the local stakeholders at different points along the alignment, summary of which are annexed in **Appendix 11**. In these consultation meetings the participants were briefed about the mitigation measures and grievance redress mechanism to be adopted by the contractor. The Project Authority has advised the contractor to adopt measures to avoid any kind of temporary income loss for any project affected person.

B. Information Disclosure

24. Information dissemination and disclosure is a continuous process since the beginning of the project. The approved Entitlement Matrix and resettlement plan has been placed in the head office of PHED, PHED PMU Office and concerned divisional offices of PHED and Gram Panchayat offices, accessible to the affected persons if any. The Design, Supervision and Implementation Support Consultants (DSISC), Environment and Social Safeguard Unit (ESSU) of PIU and safeguard and gender cell (SGC) of PMU will continue consultations, information dissemination, and disclosure. A strategy for continued consultation and participation has been undertaken as per the WBDWSIP resettlement framework. The final/updated resettlement plan will be disclosed to affected persons, if any, and the other stakeholders, and also on ADB's website, as well as state government, local government (Gram Panchayats), PMU's (PHED) websites. Project information is constantly being disseminated through the publication of rehabilitation plans, as and when updated. Information on compensation, entitlements and resettlement planning and management principles adopted for the subproject will be made available in the local language (Bengali) and the same will be distributed to affected persons. Draft project information disclosure leaflet containing the Executive Summary of this resettlement plan and contact numbers of PMU, contractor, project engineer and DSISC social safeguards personnel and concerned engineer, and grievance redress hotline number has been distributed among the beneficiaries. The Entitlement matrix is not a part of the disclosure leaflet as there is no AP under this package till the updated section.

C. Continued Consultation and Participation

25. The SGC of PMU and ESSU of concerned PIU extend and expand the consultation and disclosure process during the construction period. The project management consultants supported by Design Supervision and Institutional Support Consultants (DSISC) conducts training of contractors (engineers as well as safeguards personnel). The SGC of PMU, with the support of NGO/DSISC, conducts public awareness campaigns during project implementation. PMU is assisted by Project Management Consultants (PMC) and PIUs by DSISC to ensure that the communities in project areas are fully aware of project activities at all stages of construction. Community groups are consulted and made aware of the civil works and project activities, anticipated impacts and mitigation measures, grievance redress process and contact details of PIU personnel prior to construction.

V. GRIEVANCE REDRESS MECHANISM

A. Common Grievance Redress Mechanism

26. A common Grievance Redress Mechanism (GRM) has been put in place to redress social, environmental or any other project and/or subproject related grievances. The GRM described below has been developed in consultation with stakeholders. Public awareness campaign has been conducted to ensure awareness on the project and its grievance redress procedures. The public consultations have also ensured that the poor, vulnerable and other marginalized people are made aware of grievance redress procedures and entitlements per project entitlement matrix, and PMU and concerned PIUs have ensured that their grievances are addressed.
27. Stakeholders/local community members have the flexibility of conveying grievances/suggestions by dropping grievance redress/suggestion forms in complaints/suggestion boxes or registering their grievances in Complaint Register kept at worksite or through telephone hotlines at accessible locations, by e-mail, by post, or by writing in complaints register in Gram Panchayat office or PMU or PIU office. Careful documentation of the name of the complainant, date of receipt of the complaint, address/contact details of the person, location of the problem area, nature of problem and how the problem was resolved are made. PMU's Head, Safeguards and Gender Officer (HSGO) together with PIU Safeguard Officers have the joint responsibility for timely grievance redressal on safeguards and gender issues and for registration of grievances, related disclosure, and communication with the aggrieved party. The aggrieved people are encouraged to seek a complaint registration number against their lodged complaints.
28. The GRM provides an accessible, inclusive, gender-sensitive and culturally appropriate platform for receiving and facilitating resolution of stakeholders' grievances related to the project. The principle of GRM is conceived at two levels, one, at project level and another, beyond project level. For the project level GRM, a Grievance Redress Cell has been established at PIU; the safeguards officers of the ESSU PIU, supported by the social safeguards specialist of DSISC is responsible for conducting periodic community meetings with affected communities to understand their concerns and help them through the process of grievance redressal including translating the complaints into Bengali or English, recording and registering grievances of non-literate affected persons and explaining the process of GRM. All expedient and minor grievances are resolved at field level; Should the PIU fail to resolve any grievance within the stipulated time period, the PMU will be consulted, and corrective actions will be taken by PMU, within specified time. PIU is also responsible for follow-through for each grievance, periodic information dissemination to complainants on the status of their grievance and recording their feedback (satisfaction/dissatisfaction and suggestions). In the event that certain grievances cannot be resolved at project level, they will be referred to the District Steering Committee (DSC), which will also act as Grievance Redress Committee (GRC), particularly in matters related to land purchase/acquisition, payment of compensation, environmental pollution etc. Any higher than district level inter-departmental coordination or grievance redress required will be referred to the state level Steering Committee.
29. All grievances – major or minor, are to be registered. In case of grievances that are immediate and urgent in the perception of the complainant, the contractor, and supervision personnel from the PIU supported by DSISC try to successfully resolve them in consultation with the Member, Panchayat and the Gram Panchayat Pradhan. In case of larger issues, they seek the advice and assistance of the SE PIU. Grievances not redressed through this process within/at the project level within the stipulated time period will be referred to the DSC/GRC.

30. The DSC has been set up to monitor project implementation in each district. In its role as a GRC, the DSC will meet every month (if there are pending, registered grievances), determine the merit of each grievance, and resolve grievances within specified time upon receiving the complaint, failing which the grievance will be addressed by the state-level Steering Committee (SC). The Steering Committee will resolve escalated/unresolved grievances received. Grievances remaining unresolved by the Steering Committee may be referred by affected persons to an appropriate court of law. The multi-tier GRM (Three layers) for the project is outlined below (**Figure 2**), each tier having time bound schedules and with responsible people identified to address grievances and seek appropriate persons' advice at each stage, as required. The GRC will continue to function throughout the project's duration. The PMU shall issue notifications to concerned PHE Divisions to establish the respective PIU (and field) level GRCs, with details of composition, process of grievance redress to be followed, and time limit for grievance redress at each level.
31. 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.

B. Composition of Grievance Redress Committee and District Steering Committee

32. The DSC, acting as GRC has District Magistrate as the Chairperson, ADM/DLLRO, Land and Land Reforms, Superintending Engineer, PIU (of each PIU), PHED as the Member Secretary, Additional Executive Officer, Zilla Parishad, SE/EE of PW (Roads), SE/EE, PWD, SE/EE, I&WD, Executive Engineer (PIU), PHED, Assistant Engineer Social Safeguard (PIU), PHED, Block Development Officers from project blocks and representative from the non-governmental organizations (NGO) as invitees. The DSC/GRC must have a minimum of two women members. In case of any indigenous people impacted by any future subprojects, the DSC/GRC must have representation of the affected indigenous people community, including at least one female indigenous person, the chief of the tribe or a member of the tribal council as traditional arbitrator (to ensure that traditional grievance redress systems are integrated) and an NGO working with indigenous people groups.
33. The State level Steering Committee (SLSC) includes Chief Secretary, as chair, Principal Secretary/ Additional Chief Secretary, PHED, Principal Secretary, P&RD, Principal Secretary, Finance, Principal Secretary, Irrigation and Waterways Development Department, Principal Secretary, Public Works Department, Principal Secretary, UD&MA, Principal Secretary, Land and Land Reforms, Engineering in Chief, PHED, Project Director WBDWSIP, PHED, as the Member Secretary, and Representative of NGO as invitees.

C. Areas of Jurisdiction

34. The areas of jurisdiction of the GRC, headed by the District Magistrate, has (i) all locations or sites within the district where subproject facilities are proposed, or (ii) their areas of influence within the district. The SLSC has jurisdictional authority across the state (i.e., areas of influence of subproject facilities beyond district boundaries, if any).

D. Consultation Arrangements

35. The consultation arrangement is intended to address both general and/or specific individual grievances through a participatory approach. Besides, the consultative process is meant to be flexible to provide timely mitigation of grievances of the stakeholders. The most complex cases will be dealt with through one-to-one consultation with particular stakeholder by a host of actors comprising social safeguard specialist of DSISC and SO (social safeguards),

ESSU PIU, with the support of SGC PMU as and when required. DSISC is responsible for ensuring that non-literate affected persons and/or vulnerable affected persons are assisted to understand the grievance redress process as well as for encouraging them to register complaints and follow-up with relevant authorities at different stages in the process.

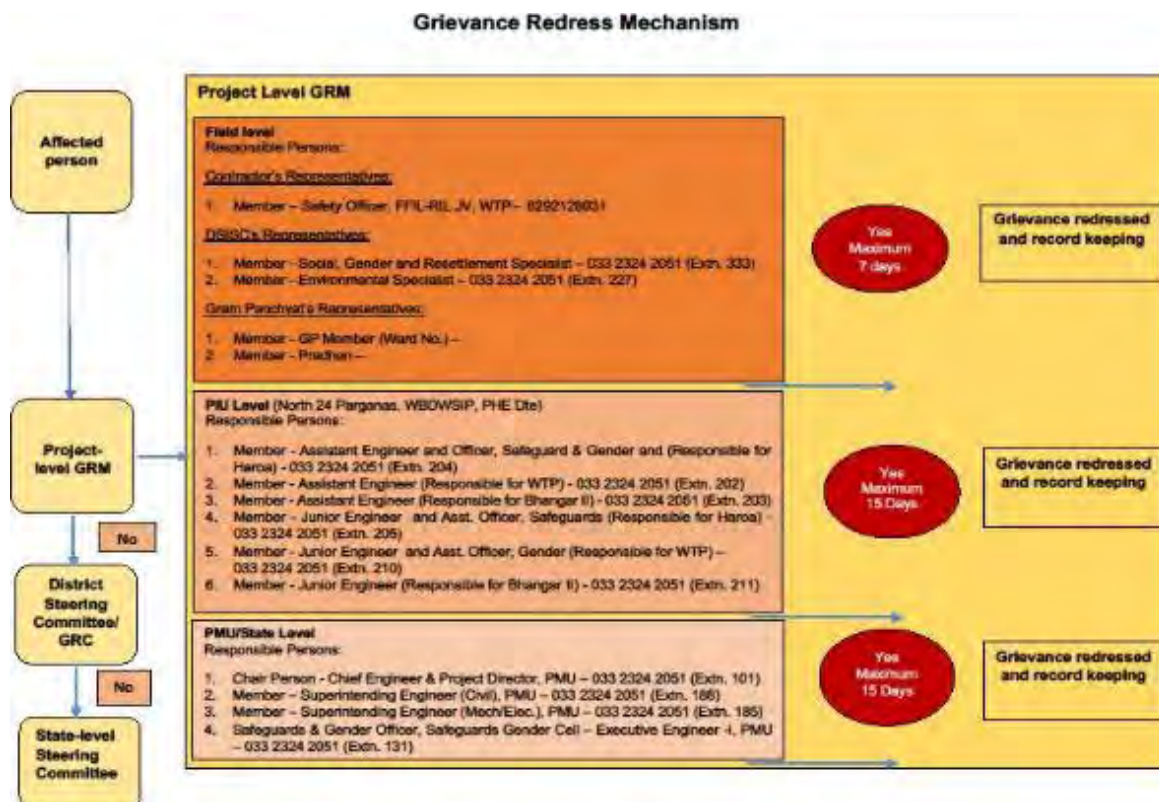
E. Record keeping

36. Records of all grievances received, including contact details of complainant, date on which the complaint was received, nature of grievance, agreed corrective actions and the date these are affected from and final outcome are kept by PIU (with the support of DSISC) and submitted to PMU. Grievances are also tracked every month by PIU through Monthly Progress Report submitted by DSISC and finally the reports are submitted to PMU.

F. Information Dissemination Methods of the Grievance Redress Mechanism

37. The PIU, assisted by DSISC is responsible for information dissemination to complainants on grievance redressal procedure. Public awareness campaigns are conducted to ensure that awareness on grievance redress procedures is generated through the consultation and participation plan. The PIU safeguard officers (environment and social) are assisted by DSISC safeguards specialists with information/collateral/awareness material etc. in conducting project awareness campaigns. The campaign ensures that the poor, vulnerable and others are made aware of grievance redress procedures and entitlements as 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 redressal of minor and major grievances, etc. Grievances received and responses provided are documented and reported back to the complainant. Grievances are reported in the semi-annual environmental and social monitoring reports submitted to ADB biannually. The number of grievances recorded and resolved, and the outcomes will be displayed/disclosed in the PMU and PIU offices, Gram Panchayats, concerned local panchayat notice boards and on the web. A sample grievance registration form has been attached in **Appendix 4**.
38. **Periodic review and documentation of lessons learned.** The PMU SGC 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.
39. **Costs.** All costs involved in resolving the complaints (meetings, consultations, communication and reporting/information dissemination) will be borne by the PMU. Cost estimates for grievance redress are included in resettlement cost estimates.

Figure 2: Grievance Redress Mechanism



DSISC = Design, Supervision and Institutional Support Consultant; ESSU = Environmental and Social Safeguards Unit, GRC = Grievance Redress Committee; GRM = Grievance Redress Mechanism, PIU = Project Implementation Unit, P&RD = Panchayat and Rural Development; PMU = Project Management Unit, PHED = Public Health Engineering Department; SGC = Safeguards and Gender Cell.

40. **ADB Accountability Mechanism.** If the established GRM is not able to resolve a grievance, the affected person also can use the ADB Accountability Mechanism through directly contacting (in writing) the Complaint Receiving Officer (CRO) at ADB headquarters or the ADB India Resident Mission (INRM). Before submitting a complaint to the Accountability Mechanism, it is necessary that an affected person make a good faith effort to solve the problem by working with the concerned ADB operations department and/or INRM. Only after doing that, and if they are still dissatisfied, will the Accountability Mechanism consider the complaint eligible for review. The complaint can be submitted in any of the official languages of ADB's developing member countries. 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.

VI. POLICY AND LEGAL FRAMEWORK

41. The policy framework and entitlements for the project are based on applicable laws and regulations of the national and state government, the ADB Safeguards Policy Statement (2009); and the agreed project entitlement matrix.
42. The key involuntary resettlement principles of the ADB Safeguards Policy Statement (2009) are:
 - (i) Screen the project early on to identify past, present, and future involuntary resettlement impacts and risks. Determine the scope of resettlement planning through a survey and/or census of displaced persons, including a gender analysis, specifically related to resettlement impacts and risks.
 - (ii) Carry out meaningful consultations with affected people, host communities, and concerned non-government organizations. Inform all displaced people of their entitlements and resettlement options. Ensure their participation in planning, implementation, and monitoring and evaluation of resettlement programs. Pay particular attention to the needs of vulnerable groups, especially those below the poverty line, the landless, the elderly, women and children, and Indigenous Peoples, and those without legal title to land, and ensure their participation in consultations. Establish a GRM to receive and facilitate resolution of the affected persons' concerns. Support the social and cultural institutions of displaced people and their host population. Where involuntary resettlement impacts and risks are highly complex and sensitive, compensation and resettlement decisions should be preceded by a social preparation phase.
 - (iii) Improve, or at least restore, the livelihoods of all displaced persons through (a) land- based resettlement strategies when affected livelihoods are land based where possible or cash compensation at replacement cost for land when the loss of land does not undermine livelihoods, (b) prompt replacement of assets with access to assets of equal or higher value, (c) prompt compensation at full replacement cost for assets that cannot be restored, and (d) additional revenues and services through benefit sharing schemes where ever possible.
 - (iv) Provide physically and economically displaced people with needed assistance, including the following: (i) if there is relocation, secured tenure to relocation land, better housing at resettlement sites with comparable access to employment and production opportunities, integration of resettled persons economically and socially into their host communities, and extension of project benefits to host communities;
 - (v) (ii) Transitional support and development assistance, such as land development, credit facilities, training, or employment opportunities; and (iii) civic infrastructure and community services, as required.
 - (vi) Improve the standards of living of the displaced poor and other vulnerable groups, including women, to at least national minimum standards. In rural areas provide them with legal and affordable access to land and resources, and in urban areas provide them with appropriate income sources and legal and affordable access to adequate housing.
 - (vii) Develop procedures in a transparent, consistent, and equitable manner if land acquisition is through negotiated settlement to ensure that those people who enter into negotiated settlements will maintain the same or better income and livelihood status.

- (viii) Ensure that displaced persons without titles to land or any recognizable legal rights to land are eligible for resettlement assistance and compensation for loss of land assets.
 - (ix) Prepare a resettlement plan elaborating on displaced persons' entitlements, the income and livelihood restoration strategy, institutional arrangements, monitoring and reporting framework, budget, and time-bound implementation schedule.
 - (x) Disclose a draft resettlement plan, including documentation of the consultation process in a timely manner, before project appraisal, in an accessible place and a form and language(s) understandable to affected persons and other stakeholders. Disclose the final resettlement plan and its updates to affected persons and other stakeholders.
 - (xi) Conceive and execute involuntary resettlement as part of a development project or program. Include the full costs of resettlement in the presentation of project's costs benefits. For a project with significant involuntary resettlement impacts, consider implementing the involuntary resettlement component of the project as a stand-alone operation.
 - (xii) Pay compensation and provide other resettlement entitlements before physical or economic displacement. Implement the resettlement plan under close supervision throughout project implementation.
 - (xiii) Monitor and assess resettlement outcomes, their impact on the standards of living of displaced persons, and whether the objectives of the resettlement plan have been achieved by taking into account the baseline conditions and the results of resettlement monitoring. Disclose monitoring reports
43. **Government of India and Government of West Bengal Laws and Policies.** The applicable legal and policy frameworks of the government include: **The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013, and state policy as listed below:**
- (i) **West Bengal Land Acquisition Manual 1991**, which provides guidelines on determination of market price for compensation but has not been revised post passage of LARR 2013. GOWB has now taken a policy decision to adopt negotiated purchase and not land acquisition as the mode of procurement of land for public purposes.
 - (ii) **Memorandum for direct (negotiated) purchase of land for public purpose** provides for the constitution of a Purchase Committee, process of determination of value of land, buildings, structures. It provides an incentive on the price of land finally determined if land registration is accomplished within defined time frames. GoWB has also exempted stamp duty for such purchase of land.⁴
 - (iii) **The West Bengal Land and Land Reforms Manual, 1991** deals with the management of land owned by Government of West Bengal. Chapter XV of the Manual provides the principles and procedures for settlement of lands for non-agricultural purposes (which includes urban development work). In case of long-term settlement, it provides in detail the process of determining the market value

⁴Memorandum (No. 756-LP/1A/03/14(Pt II) dated 25 February 2016) for Direct (Negotiated) Purchase of Land for Public Purpose in The Kolkata Gazette (Extraordinary) dated March 1, 2016

of land from the records of recent sales of similar categories of land in the vicinity, using figures from the Sub-registration offices and carefully checking the same against the valuation in land acquisition cases in the locality.⁵

- (iv) **The West Bengal Estates Acquisition Act, 1953 and the West Bengal Land Reforms Act of 1955 and amendments** are important land-related laws of the State regulating land holding (ceiling) for various purposes including change in character and ownership and use of the land and the rights of sharecroppers. There are, however, no specific provisions in the Acts that will have a direct bearing on involuntary resettlement under the Project.

44. In case of discrepancy between the policies of ADB and the government, gap-filling measures will be adopted to bridge the discrepancies (**Appendix 2**). Based on these, the core involuntary resettlement principles applicable are: (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 affected persons on compensation, 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 to affected persons including non-titled persons (e.g., informal dwellers/squatters, and encroachers) for acquired assets at replacement rates; (vi) payment of compensation 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 GRMs. Details of entitlements for different categories of entitled people are available in the agreed project Entitlement Matrix.

VII. ENTITLEMENTS, ASSISTANCE AND BENEFITS

A. Types of Losses and Affected Persons Category

45. According to ADB SPS 2009 in the context of economic impacts due to involuntary resettlement vis-à-vis, affected persons are those who are economically displaced (loss of productive land, structures, assets, access to assets, income sources, or means of livelihood). The absence of formal and legal title to the land does not bar the affected person from receipt of compensation and resettlement assistance from the project. Vulnerable affected persons are eligible for additional compensation and assistance and are to be accorded priority in employment in project related construction activities.
46. DMS and Inventory of Loss Surveys are generally conducted for project sites, once the detailed design is finalized. These surveys remain to be conducted before implementation at each stretch when the exact alignment is known and will determine the total number of temporarily affected persons along the alignment.⁶ Eligibility for compensation will be the date of start of the DMS prior to commencement of civil works in sites/sections ready for construction. The DSISC will conduct DMS survey of affected persons along the relevant

⁵The Directorate of Registration and Stamp Revenue, Government of West Bengal has introduced transparent, online procedures for updating of market value of any land parcel in the state. Market values of land for different locations are updated every three to six months and published online. This helps ensure fair price to the landowner/seller in case of purchase, and affected person (in case of land acquisition); it also ensures that the State does not lose out on taxes and stamp duties due to under-reporting of land value

⁶The Detailed Measurement Survey (DMS) will establish the number of affected persons/businesses along each proposed pipe/road stretch with potential impacts. It will collect only essential information for determining entitlements.

sites/sections where transect walks reveal any impacts (Appendix-6). The date of DMS survey will serve as the cut-off date for eligibility. Hawkers or businesses who settle in the affected areas after the cut-off date will not be eligible for compensation. They will be given sufficient advance notice (at least 30 days) and assisted to vacate premises and dismantle affected structures prior to project implementation. Contractors will provide shifting assistance to hawkers/ vendors requiring help. Information regarding the cut-off date for eligibility to all types of compensation will be documented and disseminated throughout the project area.

47. DMS and Inventory of Loss Surveys have been conducted section wise for all the components under package 01 where no project affected persons, temporary income loss of any person or structural loss of any kind or any CPR was found. Present RP has been updated section wise for assessment of impact for the WTP with all components, BS-1 with all components including alignment of CWTM, Haroa and Bhangar II GLSR and finally crossing of Bagjola canal and Bidyadhari River.

B. Entitlements

48. The entitlement matrix (**Table 4**) 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 impacts, the entitlement matrix safeguards unforeseen impacts.
49. In accordance with the entitlement matrix for the project, all displaced households and persons will be entitled to a combination of compensation packages and resettlement assistance, scope of the impacts including socio-economic vulnerability, and measures to support livelihood/ income restoration. The entitlement matrix for the subproject based on the above policies is in **Table 4**.

C. Relocation

50. No Relocation impact is assessed for the components of WTP, alignment of CWTM, BS1, GLSR-Harora and GLSR-Bhangar II and crossing of Bagjola canal and Bidyadhari River.

D. Procedure of Compensation

51. The resettlement plan envisages the following steps:

- Step 1:** Conduct public awareness and information dissemination prior to construction works (through PIU and DSISC)⁷
- Step 2:** DSISC field personnel, PIU and the contractor(s) to jointly confirm exact alignments/mark the extent of excavation on each road section, and the traffic diversion plan.
- Step 3:** The DSISC safeguards specialist will (a) conduct a transect walk jointly with the ESSU staff of PIU and contractor; to determine the extent / nature of impacts. Such walks will establish the need for Detailed Measurement Surveys on each road stretch; (b) conduct a detailed measurement and inventory of losses survey; to establish the number of affected persons/businesses along each proposed waste water pipe

⁷A rapid survey will be conducted using an instrument similar to the one used for business surveys during walk-through. For this resettlement plan refer **Appendix 6** for a survey form template for the DMS. The DMS will gather personal information on the affected person, type of business, type of structure, number of persons employed, income and profits per day of owner and employees, Vulnerability, if any of the owner or employees, and will record the type of distress likely. During discussions with PHED officials, it was indicated that in cases where government property is affected, the government's standard processes of obtaining consent of the affected department need to be followed, and conditions stipulated by the affected department and agreed between the two departments, need to be met.

alignment/road stretch/sites and potential impacts and enable an inventory of losses., (c) update the resettlement plan (identifying potential losses), and (d) send the updated resettlement plan to PIU/PMU and ADB for review and approval after detailed designs and surveys are complete.

- Step 4:** The ESSU personnel of PIU will distribute identity cards to affected persons: those facing income losses and those requiring assistance, and vulnerable affected persons. The ESSU assisted by DSISC will collect details of bank accounts of affected persons and assist those without bank accounts to open the same.
- Step 5:** Affected persons can then access the compensation/assistance/allowances provided from the project.
- Step 6:** PIU to pay compensation/assistance/allowances prior to displacement in sections ready for construction (as required). The SGC of PMU to closely monitor compensation payment, which can be through cheques or direct transfer to beneficiary accounts.
- Step 7:** PIU to give formal clearance to the contractor to proceed with civil works, though. a certification, after receiving due clearance from PMU to proceed.
- Step 8:** PIU to keep accounts, record of affected persons, amounts paid, and receipts record for accounting purposes and submit copies of records in the periodic Social Monitoring Report to PMU.

E. Vendor Assistance

- 52. Vendors requiring temporary shifting assistance during construction period will be notified in advance and assisted to shift to alternative locations to continue the trade with limited disruption. They will be allowed to return to their original location after construction is declared complete. The contractor will provide the necessary assistance.
- 53. In cases, where the vendors do not require shifting but their business may require to be shut down for a temporary period due to project activities, the contractor will give a working corridor, at least of 1 meter in front of the shop/business unites to avoid business disruption, ensuring no temporary income loss or compensate the income loss appropriately according to the project policy.

Table 5 Entitlement Matrix

Type of Loss	Application	Definition of Entitled Person	Compensation Policy ^a	Implementation Issues ^b	Responsible Agency ^c
Loss of Government land	Vacant plot, right-of-way (ROW) of road	Squatters	<ol style="list-style-type: none"> Squatters will be notified and given 60 days advance notice to remove their assets. A lump sum shifting assistance of ₹ 10, 000 will be provided. 	Vulnerable households will be identified and provided assistance as required.	<ol style="list-style-type: none"> Project management unit (PMU)/ safeguard and gender cell (SGC) will ensure provision of notice. Project implementation unit (PIU)/ design, supervision and institutional support consultant (DSISC) will identify and SGC will verify vulnerable households.
Loss of commercial / other structure		Encroachers and squatters	<ol style="list-style-type: none"> Encroachers will be notified and given 60 days advance notice to remove their assets. Compensation for affected structures at replacement cost without depreciation. Right to salvage material from the demolished structure at no cost. <p>A lump sum shifting and transitional assistance of 10,000 will be provided.</p>	Vulnerable households will be identified during the census survey of affected households conducted by the PIU/SPMSC.	PMU/SGC will verify the extent of impacts determine assistance, verify vulnerable households.
Temporary disruption of livelihood	Commercial and Agricultural activities	Legal title holders, tenants, lease holders, employees, hawkers or vendors.	<ol style="list-style-type: none"> 60 days 'advance notice regarding construction activities, including duration and type of disruption. 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. 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. 	<ol style="list-style-type: none"> During construction, the PIU/DSISC will identify alternative temporary sites to the extent possible, for vendors and hawkers to continue economic activity. PIU/DSISC will ensure civil works will be phased to minimize disruption through construction scheduling in co-ordination with the contractors 	PIU/DSISC in coordination with Contractors will identify alternative locations.
Loss and Temporary impacts on common resources	Common resources	Communities, Government Agencies ^d	<ol style="list-style-type: none"> The contractor shall follow the provisions in this entitlement matrix for any impact on structure or land due to movement of machinery during construction or establishment of construction plant. Compensation for trees based on timber value at market price, and compensation for perennial crops and fruit trees at annual net product market value multiplied by remaining productive years; to be 	<ol style="list-style-type: none"> PIU / DSISC will ensure compensation and other entitlements are implemented in co-ordination with the contractors 	PMU / DSISC and Contractor

Type of Loss	Application	Definition of Entitled Person	Compensation Policy ^a	Implementation Issues ^b	Responsible Agency ^c
			<p>determined in consultation with the Forest Department for timber trees and the Horticulture Department for other trees/crops.</p> <p>3. Time bound restoration of land to its previous or better quality.</p> <p>4. The contractor will maintain access to businesses (e.g., planks, keeping traffic flow, pedestrian access, no full street closures, etc.).</p> <p>5. Replacement or restoration of the affected community facilities – including public water stand posts, temples, shrines, bus shelters etc.</p> <p>6. Enhancement of community resources. ^e</p>		
Any other loss not identified			<p>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 RFCTLARRA.</p> <p>2. Unanticipated involuntary impacts will be documented and mitigated based on the principles provided in the ADB involuntary resettlement Policy.</p>		The PIU/DSISC will ascertain the nature and extent of such loss. The SGC will finalize the entitlements in line with the ADB Safeguard Policy Statement.

Note: The applicable minimum wage rate at the time of project implementation for unskilled industrial workers in the area or zone where affected person is located will be payable against temporary income loss.

^a Statutory compensation rates will be adjusted by 5% per annum (based on the average inflation rate in India over the past 10 years).

^b For design, build and operate (DBO) contracts, the DBO contractor undertakes design tasks.

^c For design, build and operate (DBO) contracts, the DBO contractor carries out design responsibilities.

^d For example, schools, health centers and integrated child development scheme centers.

^e For example, provision of water connections, toilets and/or play areas with appropriate facilities

VIII. COMPENSATION MECHANISM

A. Temporary Income Loss

54. Assistance for temporary loss of income and livelihood will be paid to the displaced persons as per Entitlement Matrix. The computation of loss will be based on the prevalent minimum wage rate for unskilled industrial workers in the area where affected person is located as published by the Department and Directorate of Labor, Government of West Bengal.⁸As per the Entitlement Matrix, all categories of affected persons (e.g. business owners and employees); all shops/ businesses whether titled or non-titled will be eligible for compensation against temporary income loss.

B. Structure Loss

55. Compensation for structure loss will be paid to the displaced persons/entity as per Entitlement Matrix. The computation of loss will be based on applicable government schedule of rates, adjusted for annual inflation to reflect replacement cost, without considering depreciation. The calculation of replacement cost is based on the following elements: (i) fair market value; (ii) transaction costs; and (iii) interest accrued.

C. Loss of Common Property Resource

56. In case of loss of common property resource, the compensation shall cover restoration/ enhancement of the affected common property resource and transitional support to the community until such restoration is achieved.

57. All compensation and resettlement assistance will be paid to the entitled displaced persons prior to commencement of civil works.

IX. RESETTLEMENT BUDGET AND FINANCING PLAN

A. A. Resettlement Costs

58. The resettlement cost estimated includes compensation for potential temporary income loss to shopkeepers, compensation for structure loss and shifting assistance, DMS survey costs for resettlement plan finalization, monitoring survey costs, cost of third-party certification/consultation, grievance redress cost and awareness generation cost. The government will bear all resettlement plan costs related to compensation and mitigation and will be responsible for releasing the funds for resettlement in a timely manner. The resettlement cost has not been included in this section-wise updated version of Resettlement Plan (RP) as no impact has been envisaged in this updated version. In case of final RP, the resettlement cost, if required, may be included. Since impact assessment exercise for the entire Package 01 has established that there is no impact hence the budget is no longer required.

⁸The minimum wage is higher than the daily loss incurred by each of the surveyed/identified affected persons in package TR-2 SD 22, hence compensation at minimum wage rate is considered adequate.

X. IMPEMENTATION ARRANGEMENTS

A. Institutional Arrangements

59. The Public Health Engineering Department (PHED), Government of West Bengal is the executing and implementing agency for the Project, responsible for management, coordination and execution of all activities funded under the loan. A central Project Management Unit (PMU) in Kolkata attached to PHED is responsible for implementing the WBDWSIP. The PMU is supported by Project Implementation Units (PIUs) at district level.
60. The PMU is supported by the Project Management Consultants and PIUs are supported by Design, Supervision and Institutional Support Consultants in project management and implementation respectively.
61. A state-level Steering Committee is constituted to provide policy direction and project oversight. A Tender Evaluation and Recommendation Committee is constituted to review and evaluate bids; and a District Steering Committee is constituted to monitor project implementation and undertake coordination among local agencies, set up monitoring mechanisms and undertake grievance redress activities as required.

B. Safeguard Implementation Arrangements

62. **Project Management Unit.** A Safeguard and Gender Cell (SGC) has been established in PMU with the overall responsibility of ensuring compliance with ADB SPS. There is a Chief, Safeguards and Gender Officer (HSGO) heading the SGC and reporting directly to the Project Director. The HSGO has overall responsibility in implementation of the RF, Environmental Assessment and Review Framework (EARF), Resettlement Plans, EMPs, SEMP, GESI action plan, and appropriate monitoring and reporting responsibilities. Key social safeguard tasks and responsibilities at the PMU level are as follows:
63. Social Safeguards
- (i) ensure subprojects conform to the agreed subproject selection criteria for the project.
 - (ii) review and finalize subproject involuntary resettlement and indigenous people's category.
 - (iii) oversee preparation of resettlement plans/due diligence reports (DDRs)/ indigenous people plans (IPPs); confirm existing resettlement plans/ DD Rs/ IPPs are updated based on detailed designs, and that new subproject resettlement plans/DDRs are prepared in accordance with the resettlement framework and indigenous people planning framework (IPPF) prepared for the project.
 - (iv) responsible for issuing public notice to acquire a particular land/ property for the sub-project along with project information/details as well as the project cutoff date.
 - (v) ensure that resettlement plans/DDRs/IPPs are included in bidding documents and civil works contracts.
 - (vi) ensure that the water supply safety plan recommended by the World Health Organization are included in bidding documents and civil works contracts.
 - (vii) provide oversight on social safeguard management aspects of subprojects and ensure resettlement plans/IPPs and impact avoidance measures outlined in the resettlement framework/IPPF/environmental management plan/resettlement plans/ IPP/DDR are implemented by PIU and contractors.
 - (viii) ensured and monitor the provision in the contract to include the indigenous people households/communities/wards to be the beneficiaries of the facilities constructed

under the Project.

- (ix) facilitate and ensure compliance with all government rules and regulations regarding No Objection Certificates, third party certificates for negotiated settlement or donation, land ownership and transfer details etc. for each site, as relevant.
- (x) supervise and guide the PIUs to properly carry out the social safeguard and gender monitoring (RP/IPP as per the resettlement framework/IPPF);
- (xi) review, monitor, and evaluate the effectiveness with which their settlement plans/ IPPs/provisions of DDRs are implemented, and recommend corrective actions to be taken as necessary.
- (xii) consolidate monthly social safeguard and gender monitoring reports from PIUs/ DSISCs and submit semi-annual social safeguard monitoring reports (SSMR) to ADB;
- (xiii) ensure timely disclosure of final resettlement plans/ DDRs/ IPPs to affected persons and other stakeholders.
- (xiv) address any grievances brought about through the GRM in a timely manner.
- (xv) Oversee training needs assessment of affected persons and vulnerable persons by PIUs/PMC, coordinate training activities and convergence with livelihood programs of the government.
- (xvi) identify training needs and coordinate training activities for the PIUs/contractors/ Project NGOs/DSISCs for capacity building to implement the resettlement plans/IPP/ DDR, and GRM.
- (xvii) coordinate database management for social safeguards implementation and monitoring; and
- (xviii) coordinate public awareness campaigns by the PIUs including resettlement provisions with the help of print and electronic media.

64. **The SGC is supported by social safeguard specialists in the PMC.** Key safeguard tasks and responsibilities of the PMC on social safeguards are as follows:

65. Social Safeguards and Gender Specialist PMC

- (i) Establish a system to monitor social safeguards and gender outcomes of the Project; including the functioning of the GRM 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 to prepare resettlement plans, Indigenous Peoples Plans, of subproject water supply schemes that will be appraised during project implementation.
- (iv) Support the PMU in ensuring that the social safeguard and GESI activities are carried out in accordance with the agreed plans and frameworks.
- (v) Support PMU in preparing gender strategy for PHED.
- (vi) Ensure that the relevant measures specified in the resettlement plans, Indigenous People 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; and (f) ensure monitoring of social safeguards plans and GESI action plan and address unanticipated impacts, if any; and (g) provide training programs to PMU/PIU staff and contractors involved in the project implementation for strengthening their capacity in managing and monitoring social

safeguards and gender.

66. Project Implementation Unit. At each PIU, an Assistant Engineer takes additional responsibilities of safeguard tasks and is designated as Safeguards Officer (SO). The SO oversees the safeguards implementation at PIU level, coordinate public consultations, information disclosure, regulatory clearances and approvals, resettlement plan implementation, EMP implementation and grievance redressal. Key social safeguard tasks and responsibilities of SO are as follows:

67. Social Safeguards and Gender

The PIUs, assisted by the project NGOs, will conduct safeguards implementation at PIU level through the following key tasks:

- (i) fill up involuntary resettlement/indigenous peoples impact checklist and classify the project.
- (ii) conduct census and socio-economic surveys, detailed measurement surveys, and verification surveys of affected persons, conduct consultations with affected persons, finalize list of affected persons prepare/update RP/DDR/IPP with the assistance of PMC, and submit to PIUs and PMU for review and approval and further submission to ADB.
- (iii) inform affected persons on (a) the project cut-off date;(b) public notice for schedule of land acquisition/occupation; (c) entitlement matrix; and (d) compensation packages against different categories of loss, and tentative schedule of land clearing/acquisition for starts of civil works activities.
- (iv) Co-ordinate valuation of assets, such as land, trees of various species, etc. Based on proper due diligence and assessment, finalize compensation packages.
- (v) facilitate the land acquisition and compensation processes in consultation with the district administration; coordinate, supervise and monitor disbursement of compensation.
- (vi) obtain no objection certificate (NOCs), land documents, third party certifications as required for the project.
- (vii) include resettlement plans/IPPs/DDRs in bidding documents and civil works contracts.
- (viii) oversee day-to-day implementation of resettlement plans/DDRs/IPPs by contractors, including compliance with all government rules and regulations, take necessary action for obtaining rights of way.
- (ix) oversee resettlement plans/DDR/IPP and GESI plan implementation and maintenance of data for monitoring, by contractors.
- (x) ensured and monitor the provision in the contract to include the indigenous people households/communities/wards to be the beneficiaries of the facilities constructed under the Project.
- (xi) take corrective actions when necessary to ensure no adverse social impacts.
- (xii) submit monthly social monitoring reports to PIUs and PMU.
- (xiii) conduct continuous public consultation and awareness.
- (xiv) address any grievances brought about through the GRM in a timely manner as per the resettlement plans/DDRs/IPPs; organize an induction course for the training of contractors, preparing them on resettlement plan/DDR/IPP/GESI plan implementation, social safeguard and gender monitoring requirements related to

mitigation measures, and on taking immediate action to remedy unexpected adverse impacts or ineffective mitigation measures found during the course of implementation;

- (xv) liaise with the District Administration, Gram Panchayats and line departments for dovetailing government's schemes for income generation and development programs for affected people, as and when required; and
- (xvi) assist in the implementation, monitoring and reporting of GESI plan.

68. The PMC resettlement specialist assists the PIU Safeguard Officers in training, social safeguard supervision, monitoring, record keeping and report preparation activities. The PIUs are assisted by DSISC teams which include an Environmental Specialist and a Social Safeguards Specialist. The following are the key tasks:

69. Social Safeguards and Gender Expert, DSISC

- (i) Screen and categorize sub project components.
- (ii) Carry out base line surveys.
- (iii) Ensure the contractors comply with the agreed social safeguards frameworks, resettlement plans, and due diligence reports on social safeguards for the project
- (iv) Prepare any additional draft resettlement plans, due diligence reports and prepare any new safeguard documents as and when required.
- (v) Assist the PIUs in the implementation of final resettlement plans and GESI action plan.
- (vi) Prepare periodic safeguard monitoring reports as per the format acceptable to ADB and quarterly GESI action plan updates in format provided in Project Administration Manual.
- (vii) Collect relevant data on implementation of GESI action plan and design gender-sensitive communication strategy and IEC materials illustrating key social and behavioral messages related to hygiene, sanitation and health jointly with the communication specialist and in accordance with the GESI action plan; and
- (viii) Extend assistance to PHED in carrying out awareness campaigns focused on involving women and girls in water management activities in the focus areas and monitor activities of the Project NGOs.

70. **Non-Government Organizations.** One Non-Government-Organizations (NGOs) consultants was mobilized for North and South 24 Parganas districts to support the Gram Panchayats in their institutional and capacity building for sustainable operating and maintenance of the assets created. The Project NGO worked in close coordination with the design, supervision and institutional support consultants (DSISC) for the PIU concerned and report to the PIU. The Project NGO supported social safeguards compliance monitoring at Gram Panchayat level, conducted awareness generation, and supports PIUs in achieving outputs under the GESI Action Plan for the Project.

71. **DBO (Design, Build and Operate) Contractor.**⁹The DBO Contractor has a dedicated Social Supervisor, who should hold a master's degree in social science and would have at least 5 years of experience in resettlement planning and implementation, as well as gender action plan implementation, preferably in multi-lateral aided projects. The tasks of the Contractor's Social Supervisor are:

⁹In case of Package WW/N24P/01, the DBO contractor will be responsible for resettlement plan updating and implementation, in close coordination with the PIU and DSISC

- (i) Work in close coordination with the PIU, design engineers and DSISC social safeguards personnel to finalize detailed design keeping the safeguard principles adopted for the project in view.
- (ii) Ensure that all design-related measures (e.g. special considerations for the vulnerable related to facility locations or design, mitigation measures for affected persons etc.) are integrated into project designs before approval
- (iii) Conduct joint walk-through with PIU, design engineers and DSISC social safeguards personnel in sites/sections ready for implementation; identify the need for detailed measurement surveys and conduct detailed measurement surveys to arrive at the final inventory of loss.
- (iv) Update the draft resettlement plan and due diligence report and submit to PIU/PMU and ADB for review and approval.
- (v) Ensure strict adherence to ADB and government policy on social safeguards and the agreed entitlement matrix during implementation,
- (vi) Assist with grievance redressal and ensure recording, reporting and follow-up for resolution of all grievances received.
- (vii) Assist PIU in disclosing relevant information on safeguards (eligibility, entitlements, compensation, cut-off date, processes, timelines, GRM etc.) to beneficiaries and affected persons including the vulnerable.
- (viii) Submit monthly social safeguard and gender action plan monitoring reports to PIU, with gender-disaggregated data as required for monitoring.

Table 6 Institutional Roles and Responsibilities

Activities	Agency Responsible
Sub-project Initiation Stage	
Finalization of sites / alignments for sub-project (on ground)	PMU/PIUs
Coordination between Purchase Committee, District level Revenue Department authorities and land sellers	PMU/PIUs
Meetings at community / household level with affected persons and beneficiaries	PIUs/DSISC
Resettlement plan Preparation/ Updating Stage	PIUs/DSISC
Conducting DMS Survey / Census of all affected persons	PIUs/DSISC/DBO Contractor
Conducting FGDs / meetings / workshops during census surveys	PIUs/DSISC/DBO Contractor
Verification of survey results, vulnerable households	PMU/PMC
Computation of compensation Conducting discussions / meetings / workshops with all affected persons and other stakeholders	PMU/PMC assisted by PIUs/DSISC PMU/PIUs
Finalizing entitlements	PMU/PIUs
Disclosure of final entitlements and compensation packages	PIU/DSISC/DBO Contractor
Approval of Final resettlement plan	ADB
Resettlement plan Implementation Stage	
Payment of compensation	PIUs/PMU
Consultations with affected persons during rehabilitation activities	PIUs/DSISC/DBO Contractor
Grievances Redressal	PMU/PIUs/DSISC/DBO Contractor
Internal Monitoring	PMU/PIUs

DBO = design, build and operate, DSC= district steering committee, FGD=focus group discussion, PMU = project

management unit, PIU=project implementation unit, DSISC=design, supervision and institutional support consultant.

C. Institutional Capacity

72. Capacity to handle environmental/involuntary resettlement/indigenous people impacts, gender and vulnerability issues, etc., needs to be built in the Project. PHED has built some institutional capacity for safeguards, having recently implemented a JICA funded project, however, further efforts will be needed to ensure a trickle down of safeguards capacity to all levels of its staff. Capacity building training on safeguards and gender are continuously being organized by project NGO and DSISC, Safeguard team in collaboration with PHED and other stakeholders. The capacity building programs involves resettlement plan implementation mechanism, familiarity with ADB SPS, 2009, the resettlement framework, indigenous peoples planning framework, entitlement matrix, GRM, and the safeguards monitoring and reporting system. Training of PMU/PIU staff on aspects such as environmental planning/resettlement planning/implementation, social protection and gender, including the specific recording, reporting, and disclosure requirements have also been arranged.
73. For the capacity building of designated social safeguards officers, project engineers and contractors' personnel, PMU, with the support of PMC and DSISC, has organized training programs on safeguards. Services of consultants or trainers may be procured for coordinating and imparting the training required to the staff. One training workshop in every quarter must happen in the first year, followed by one training program/workshop half-yearly in the following years. It was proposed for a minimum of 40 participants in each training program/workshop. Training programs should focus on safeguard monitoring in the field, grievance redress, awareness generation among the public, gender issues and reporting of safeguard and gender monitoring data for periodic monitoring reports to be submitted to ADB.
74. Owing to the complexity of projects in rural areas of West Bengal, there is a need to specially focus on capacity building on social (distinct social, economic and cultural traits of people and traditions and the importance of preserving these), legal (rights over land and land tenure issues) and technical aspects in such Projects with an adequate budgetary provision. Further, capacity building of CBOs in the Project area should be considered to ensure that they are able to represent the affected groups more effectively. If required external resources, e.g., sociologists and development practitioners with relevant experience may be employed. Additional measures to enhance institutional capacity include exposure visits of social safeguard staff of the Project to other Indian states that have successfully implemented ADB funded Projects.

XI. IMPLEMENTATION SCHEDULE

75. All the compensation and assistance as per Entitlement Matrix must be completed prior to the start of the civil work at each specific site / stretch. Written confirmation is required to be sent by the PMU to ADB stating that all compensation has been paid to affected people. Construction work can begin only in sites/sections where compensation has been paid.
76. However, it can be mentioned that due to adoption of impact avoiding measures and technology, the resettlement impact and compensation payment are not applicable in this package. The resettlement plan implementation schedule is presented in **Table 7**.

XII. MONITORING AND REPORTING

77. The Resettlement plan of Package 01 has become Due Diligence Report (DDR) as there is no involuntary resettlement impact. The package has been monitored throughout the design and implementation phase, completed so far. Monitoring is undertaken by the SGC PMU assisted by PMC. Monitoring involves administrative monitoring to ensure that implementation is on schedule and problems are dealt with on a timely basis; Monthly progress reports, reporting status of resettlement plan implementation are being prepared by SGC PMU assisted by PMC. The PMU submits semi-annual monitoring reports to ADB for review and post all safeguard monitoring reports on ADB and PHED website. A sample monitoring template is given in **Appendix-10**.

Table 7 Implementation Schedule¹⁰

	2019				2020				Year 3	Year 4	Year 5	Year 6
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
Setting up of project level GRM	■	■										
Awareness generation among affected persons on entitlements, impact avoidance and mitigation measures to be implemented by the contractor		■		■	■		■	■	■	■	■	■
Appoint third party; obtain third party certification of negotiated settlement								■	■			
Update resettlement plan				■		■			■		■	
Consultations and disclosure	■	■	■	■	■	■	■	■	■	■	■	■
Review and approval of updated resettlement plan (ADB)								■				
Training/capacity building of contractor's staff			■	■	■	■	■	■	■	■	■	■
Handover of sites and alignments to contractors			■		■		■	■				
Start of civil works					■							
Internal monitoring			■	■	■	■	■	■	■	■	■	■

DSISC = design, supervision and institutional support consultant, GRM = grievance redress mechanism,

¹⁰ Implementation schedule will be revised after assessment of impacts for the pending components

Appendix 1: Subproject Components and their potential Involuntary Resettlement Impacts

	Project Component	Details	Land/Right-of-Way Ownership	Design and Implementation status	Potential Involuntary Resettlement Impacts and Mitigation Measures
1	Construction of water treatment plant (WTP) including intake sump, pump house and mechanical sludge dewatering system	100 million liters per day (MLD) capacity	Housing and Infrastructure Development Corporation (HIDCO), Govt. of West Bengal (GoWB)	<p>Civil Design stage:</p> <ul style="list-style-type: none"> • Inlet well —A • Parshall Flume - --Approved • Flash mixer - --Approved • Flocculator - --Approved • Plate settler - --Approved • Filter house – Approved • Sludge handling – under process • MCC room –Approved • Substation–Approved • Chemical house – Approved • Admin building –Approved • Clear Water Reservoir–Approved • Chlorine house – no civil design involved <p>Implementation stage:</p> <ul style="list-style-type: none"> • 26%% is physical progress 	Being constructed within the compound of an existing WTP, where sufficient vacant land is available. The site has a compound wall and has no informal users. The existing WTP on HIDCO land is being operated and maintained by PHED. The land was acquired by HIDCO over 30 years ago. No legacy issues in land acquisition were reported and all compensation was reported to have been paid. No land acquisition or involuntary resettlement impacts have been observed.
2	Laying of 1200 (mm) dia raw water conveyance mains	600 Meters (m) length	HIDCO, GOWB	<p>Civil Design stage:</p> <ul style="list-style-type: none"> • Alignment design approved considering MS pipe material <p>Implementation stage:</p> <ul style="list-style-type: none"> • 90% laying complete. 	Same as above –Being constructed within the existing WTP compound owned by HIDCO. No land acquisition or involuntary resettlement impacts observed
3	Clear water reservoir	4600m3 minimum capacity	HIDCO, GOWB	<p>Civil Design stage:</p> <ul style="list-style-type: none"> • Master layout approved. <p>Implementation stage:</p> <ul style="list-style-type: none"> • 31% complete. 	Being constructed on land belonging to HIDCO, which has an existing pumping station being maintained by PHED. The site has compound walls and as indicated by PHED officials; adequate vacant, unused land is available within the site for the proposed facilities. No land acquisition or involuntary resettlement impacts observed.
	Booster Pumping Station 1	4600m3 minimum capacity			
4	Laying of clear water	4.9 Kilometers	GoWB	<p>Civil Design stage:</p> <ul style="list-style-type: none"> • Alignment design is approved considering MS 	In case of clear water transmission main (CWTM), one part of the alignment considered previously has been

	Project Component	Details	Land/Right-of-Way Ownership	Design and Implementation status	Potential Involuntary Resettlement Impacts and Mitigation Measures
	transmission mains of 1200 mm dia	(km) length		<p>pipe.</p> <p>Implementation stage:</p> <ul style="list-style-type: none"> 1840 meter completed out of 4900 meters. 	<p>changed, and this has now received approval of HIDCO. After detailed scrutiny by DSISC along with the contractor's team through the transect walk, it was observed that there is no involuntary resettlement impact caused by this component. The execution of pipe laying work has been organized in such a way that there is no temporary income loss of any of the small shops present on any of the sides of the alignment. In the public consultation held with the shopkeepers, they agreed to this solution. Thus, the shopkeepers will face no loss of livelihood during laying of 1200 dia. pipe in this stretch.</p> <p>From chainage 2+896 to 4+296, 1200 dia. pipe has been laid along the left alignment of the newly constructed road made by HIDCO. Before the construction HIDCO had relocated all the 5 temporary structures present over HIDCO land. Thus, no structure loss was expected in this stretch during the laying of the CWTM pipe. So, we can conclude that the entire alignment of CWTM has no resettlement impact. No land acquisition will be required.</p>
5	Construction of intermediate booster stations cum ground level reservoirs				
5.1	Haroa	1.78 Acres Minimum Land required. Total plot area = 3.46 acres.	Private Land	<p>Civil Design Stage: Under progress:</p> <ul style="list-style-type: none"> Implementation Stage: 93% pile complete 	Land has been handed over to the contractor, Third Party Certification process for this land is complete. The land belongs to 4 owners. who have been paid the mutually agreed amount of compensation at the market price through negotiated settlement. Landowners have alternative sources of income through agriculture, pisciculture or shops in nearby market. No coercive acquisition, structure loss or significant permanent livelihood loss causing vulnerability has been observed and hence no impact.
5.2	Bhangar II	1.2 acres land required and available	Private Land	<p>Civil Design Stage: Under Progress</p> <p>Implementation Stage: 100% Pile complete</p>	Land has been handed over to the contractor and the Third-Party Certification for this land is complete. The land belonged to 8 people who have been compensated at the mutually agreed offer. The owners are economically well-off having land and houses and

	Project Component	Details	Land/Right-of- Way Ownership	Design and Implementation status	Potential Involuntary Resettlement Impacts and Mitigation Measures
					alternative sources of income. They are dependent on agriculture, horticulture and pisciculture on the other lands owned by them. No coercive acquisition structure loss or significant permanent livelihood loss causing vulnerability has been observed and hence no impact.
6	Crossing of Bagjola Canal at Bhangar II	Constructing Pipe Carrier Bridge over the Canal.	Irrigation and Waterways Department (I&WD)	Civil Design stage: Design in progress Implementation stage: Not started	No impact. A 700-dia. secondary Transmission Main will cross the canal through a pipe carrier bridge.
7	Crossing of Bidyadhari River at Haroa	Crossing the river under the riverbed by using trenchless technology	Irrigation and Waterways Department (I&WD)	Civil Design stage: Design in progress Implementation stage: Not started	No Impact. A 700 dia. Secondary Transmission Main will cross the river through trenchless technology. The approximate length is 365 Meter and Depth is 21 Meter

Appendix 2: Comparison of National and State Laws and Gap Analysis
Comparison of the RFCTLARRA 2013 with key indicators of ADBs Safeguard Policy Statement 2009

A comparison of the key indicators has been made, and how the gaps will be addressed through the Resettlement Framework in case of any instance of involuntary land acquisition is given.

Table A 1: Comparison of Key Indicators of ADB's Safeguard Policy Statement 2009 with National Law (RFCTLARRA) and State Laws

	ADB Safeguard Policy Statement, 2009	National Law (RFCTLARRA 2013)	State Laws (WBLAM1991) (WBLLRM1991) (WBPLA1962)	Identified Gaps and Proposed Gap Filling Measures
1	Compensation at Replacement Cost	The new Act provides the market value with a detailed calculation of market value which, includes (i) value of land to be determined as provided under section 26 plus; (ii) Factor by which the land value based on calculation under Section 26 is to be multiplied in the case of rural areas 1-2 based on distance of the of the project from urban area, as may be notified by the appropriate Government. And by a factor of 1 for urban areas, plus (iii) Value of assets attached to land or building under section 31 plus (iv) Solatium Equivalent to 100% of the market value of land, multiplied by the factor specified for urban & rural areas.	WBLAM 1991 provides guidelines on determination of market price for compensation but has not been revised post passage of RFCTLARRA 2013. In 2015, GOWB took a policy decision that the state government shall only obtain land through negotiated purchase and will not forcibly acquire land. GOWB does not recognize the sub-soil rights of raiyats/land holders but only recognizes surface rights.	The Resettlement Framework provides compensation at market value / replacement value for involuntary acquisition of land and/or involuntary restrictions on land use.
2	Provision of full Compensation without any deduction	Under Section 31 there is 100 % solatium, which is amount equivalent to 100% of the compensation amount.	Not mentioned for structures in state laws.	Not Specifically mentioned for structures in RFCTLARRA, but will be specified so as there is no ambiguity
3	Compensation to squatters and other non-title holders including tenants and land users.	Under the second schedule it is mentioned resettlement entitlement will benefit families whose livelihood is primarily dependent on land acquired	State laws protect the rights of sharecroppers (<i>bargadars</i>) and agricultural tenants and do not allow the government to obtain land if a sharecropper is left with less than 1 hectare of land. State laws allow for removal of encroachers / unauthorized occupants on government lands by the SDO.	Both national and state laws do not specify assistance to squatters and encroachers
4	Cut-off Date	Those living 3 years prior to acquisition will be considered for benefits.	Squatters and encroachers are not protected under state law.	The date of census survey is considered as the cutoff date
5	Social Impact Assessment (SIA) to identify the impacts, risks and	The bill proposes preparation of SIA study under Chapter 2, Section 4.	There is no mention of SIA under state law.	The resettlement framework provides for SIA in accordance with ADB SPS and National Law.

	ADB Safeguard Policy Statement, 2009	National Law (RFCTLARRA 2013)	State Laws (WBLAM1991) (WBLLRM1991) (WBPLA1962)	Identified Gaps and Proposed Gap Filling Measures
	views of potential project-affected people and communities			
6	Preparation of Resettlement plan and Census Survey to address Adverse Involuntary Resettlement impacts.	Provision for preparation of Rehabilitation and Resettlement Scheme under section, which is similar to resettlement plan.	No equivalent Provision	The Resettlement framework provides for resettlement plan preparation in accordance with ADB SPS and National Law.
7	Consultation with affected persons	Proposed in different sections throughout the bill, Section 17, para 4, Section 4 para 1 to give a few instances.	Not specified	The Resettlement framework provides meaningful consultation with affected persons.
8	Disclosure of Involuntary resettlement information to stakeholders	Provisions for disclosure are there - Publication of SIA study under Section 6, Publication of the Rehabilitation and Resettlement Scheme under section 19	Not specified	The Resettlement framework has specific provisions for information disclosure to affected persons and stakeholders.
9	All compensation to be paid prior to displacement and the commencement of civil work.	The possession of land is after the collector ensures full payment of compensation as well as resettlement benefits to be paid within 3 months for compensation or 6 months for other benefits from the date of award.	Not specified	All compensation to be paid before the start of civil works
10	Special assistance for vulnerable households.	There are specific provisions for scheduled Castes and Scheduled Tribes under Section 42, plus additional benefits as given in Second Schedule	State laws protect scheduled tribes and scheduled castes from land alienation.	Covers other groups such as women headed house holds
11	Other Allowance such as subsistence/ transition, shifting allowance	Provisions for all allowance given in Second Schedule.	No such provisions	Provided for in the entitlement matrix in the resettlement framework.
12	Livelihood restoration	Provides training and livelihood restoration measures under Second Schedule which also includes a job in the project activities if the scope is available.	Not specified	Provided for in the entitlement matrix in the resettlement framework.
13	Grievance Redressal Mechanism.	The bill has a detailed grievance mechanism proposed at all levels starting from the Gram Sabha up to the government level.	Not specified	Provided for in the resettlement framework.
14	Monitoring	Monitoring is only offered at the national level.	Not specified	Regular monitoring at the project level is proposed.

RFCTLARRA = Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act; SIA = social impact assessment; SPS = Safeguard Policy Statement; WBLAM = West Bengal Land Acquisition Manual; WBLLRM = West Bengal Land and Land Reforms Manual; WBPLA = West Bengal Public Land (Eviction of Unauthorized Occupants) Act.

Note: Bridging the Gap between the State Government's Negotiated Land Purchase Policy and ADB's Safeguard

Policy Statement 2009.

GoWB published its updated Memorandum (No.756-LP/1A/03/14(Pt II) dated 25 February 2016) for Direct (Negotiated) Purchase of Land for Public Purpose in The Kolkata Gazette (Extraordinary) dated 1 March 2016. The State Government's policy of avoiding involuntary/forcible land acquisition and adopting a negotiated land purchase policy is in line with ADB policy. The process to be followed for negotiated purchase is clearly delineated in the government's guidelines (a scanned copy of the Memorandum is presented the resettlement framework). In line with ADB's transparency requirements, in addition to the Government's processes, a third party certification of negotiation and settlement is recommended in the resettlement framework, which also provides the suggested terms of reference for the independent third party, and a typical template for certification

Appendix 3: Project Information Disclosure Leaflet

A. Background

1. The proposed West Bengal Drinking Water Sector Improvement Project (WBDWSIP or the Project) aims to provide safe, reliable and continuous drinking water as per Government of India's standard to about 6 million people in the arsenic, fluoride, and salinity affected selected areas of North 24 Parganas, East Medinipur and Bankura districts in accordance with the Vision 2020 of GOWB and Government of India Strategy for Drinking Water Supply. The Project will ensure drinking water security through 24/7 piped water supply schemes in the areas covered. The Project will have following key outputs: Output 1: Climate resilient drinking water infrastructure constructed; and Output 2: Institutions and capacity of stakeholders for drinking water service delivery strengthened. This leaflet provides a description of the WBDWSIP components proposed under a contract package DWW/N24P/NCB/01/2017-18 for procurement of bulk water supply components including Water Treatment Plant, Reservoirs, Transmission Mains and Pumping Stations works in Haroa and Bhangar-II.

B. Subproject Description

2. Proposed subproject components under package WW/N24P/01 include:
- (a) construction of 100 MLD water treatment plant (WTP) including intake sump, pump house and mechanical sludge dewatering system.
 - (b) laying of 600m of 1200 mm dia. meter raw and clear water conveyance mains within WTP compound.
 - (c) centralized clear water reservoir of (minimum capacity 4600cum) and booster pumping station (minimum capacity-4600 m3capacity);
 - (d) laying around 4.9km of clear water transmission mains of 1200 mm diameter.
 - (e) construction of two intermediate booster stations, one each in Haroa and Bhangar-II, block.
 - (f) Crossing of Bagjola Canal at Bhangar II.
 - (g) Crossing of Bidyadhari River at Haroa.

C. Resettlement Plan: Policy and Principles

3. A resettlement plan is prepared for the Drinking Water Supply Project under package WW/N24P/01 of WBDWSIP, based on ADB's Safeguard Policy Statement 2009 and applicable Government of India and Government of West Bengal laws and policies.

D. Involuntary Resettlement Impact

4. No private land acquisition is anticipated because of proposed components under package WW/N24P/01. In most road/pipe sections effort will be taken to avoid temporary income loss or temporary closer for the business owner/shopkeepers found on the alignment. The land required for WTP and centralized clear water sump and booster station belongs to HIDCO and are vacant and free of users.

5. Both land for GLSRs Bhangar II and Haroa have been purchased through negotiated settlement. The GLSR site in Bhangar II has no structures or informal users. The GLSR site in Haroa also is free from any structure and informal users. There settlement plan will be updated and reconfirmed for final involuntary resettlement impacts after lands are made available, completion of detailed design and detailed measurement surveys in sites/sections ready for implementation. The assessed impact will be reconfirmed through detailed

measurement survey following detailed design.

E. Entitlements and Compensation

6. The resettlement plan proposes compensation to affected persons based on the entitlement matrix prepared for the project. Potential losses that can be avoided/mitigated through proper scheduling of work, avoidance of impact to businesses where possible, provision of planks for access to shops and businesses and traffic management plans to avoid disruption have been proposed. As per the entitlement matrix for WBDWSIP, persons facing temporary income loss are entitled to compensation at the prevalent minimum wage rate for unskilled industrial workers declared by the Government of West Bengal, for the period of disruption. Vulnerable people among the affected people are entitled to preferential appointments to project-related construction jobs, if so desired by them. Affected persons including titled and non-titled, will be eligible for compensation as defined in the Entitlement Matrix for the project. In addition, as per current practice of PHED GoWB, land sellers (in case of negotiated purchase) will be entitled to a project operation related job for 1 person per affected site. In the case of multiple ownership, all owners will nominate 1 person for the operation related job who is willing and able to take up the available work. A budgetary provision of USD 6.8 million for resettlement plan implementation is made.

F. Institutional Arrangements

7. A project management unit (PMU) created under PHED Kolkata, supported by PHED Project Implementation Units (PIU) at district level is implementing WBDWSIP. The PMU is supported by project management consultants (PMC) and the PIUs by design, supervision and institutional support consultants (DSISCs) in planning and implementation of the project. For safeguards, the PMU has a Safeguard and Gender Cell headed by a Safeguards Officer, and the PIUs has Environmental and Social Safeguards Units (ESSU), with Safeguard Officers (Environmental and Social). In case of DBO contract packages like package DWW/N24P/NCB/01/2017-18, the contractor is envisaged to have a Social Supervisor, who will be responsible for joint inspections with design engineers and PIUs, DMS surveys, finalization of inventory of loss, updating and implementation of resettlement plan.

G. Grievance Redress Mechanism

8. A two-tier grievance redress mechanism (GRM) is conceived, one, at project level and another, beyond project level. For the project level GRM, a Grievance Redress Cell has been established at PIU level. Grievances of affected persons are first resolved at field level by the contractor, DSISC supervision personnel and field staff of PIU in consultation with the concerned panchayat member and Gram Panchayat Pradhan, if necessary. Grievances not redressed at field level will be escalated to the PIU level Grievance Redress Cell headed by the Superintending Engineer in charge of the PIU, who is assisted by the Safeguards Officers of the Environmental and Social Safeguards Unit of the PIU. Any grievance that remains unresolved by the PIU, will be escalated to the WBDWSIPPMU, headed by the Project Director, who is assisted by the Environment and Social Cell in the PMU. In the event that certain grievances cannot be resolved at project level, they will be referred to the District Steering Committee, which also acts as Grievance Redress Committee, particularly in matters related to land purchase/acquisition, payment of compensation, environmental pollution etc.

9. The GRC will determine the merit of each grievance and resolve grievances. The DSISC assists the SOs at ESSU under the PIU, to keep records of all grievances received, including contact details of complainant, date that the complaint was received on, nature of grievance, agreed corrective actions and the date these were effected, and final outcome. The safeguards officer (social) of PIU ESSU is the focal person for facilitating the grievance redressal. The GRM will continue to function throughout the project duration.

Table A 2: Contact details

Organization	Name	Position	Phone Number	Email ID
Contractor: Social Supervisor	Subodh Chouhan	EHS Supervisor	9264237526	subodhchouhan 211@gmail.com
DSISC Supervision Staff	Srabani Sengupta	Social, Gender and Resettlement Specialist	9836022781	social.dsisc@gmail.com
	Dilip Kr. Roy	Support Staff- Social, Gender and Resettlement	9933996977	dr.dsisc@gmail.com
PMC, Supervision Staff	Jayanta Chakraborty	Social, Gender and Resettlement Specialist	8761805667	jcjayanta2@gmail.com
SO, SGC PMU	Ashok Baran Das	SE, and Head Safeguard & Gender Officer, PMU	033 23242051	se.pmu.adb@wbphed.gov.in
SO (Social), ESSU PIU	AE-1 PIU	AE and Safeguard officer-1 PIU-N24pgs	033 23242051	ae1.piun24p.adb@wbphed.gov.in
	AE-2 PIU	AE and Safeguard officer-2 PIU-N24pgs	033 23242051	ae2.piun24p.adb@wbphed.gov.in

DSISC = Design, Supervision and Institutional Support Consultant, GR = Grievance Redress, PIU = Project Implementation Unit, SGC = Safeguard and Gender Cell, SO = Safeguard Officer, ESSU=Environment and social safeguards unit.

Appendix 4 : Sample Grievance Redress Form

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 * Female	Age	
Home Address					
Place					
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 Official(s) reviewing grievance)	
Action Taken:	
Whether Action Taken Disclosed:	Yes No
Means of Disclosure:	

Appendix 5: Grievance Redress Form Translated into Local Language (Bengali)

অভিযোগ নিবন্ধন ফর্মের নমুনা

..... প্রকল্পকে বাস্তবায়িত করার লক্ষ্যে অভিযোগ, পরামর্শ, অনুসন্ধান এবং মন্তব্যের জন্য স্বাগত।

আমরা অভিযোগকারীকে অভিযোগ সহ নাম জানাতে উৎসাহিত করি এবং আপনার সাহচর্যে এসে এর শোধন ও প্রতিক্রিয়া জানাতে সক্ষম হই।

অবশ্যই আপনি আপনার ব্যক্তিগত বিষয় বিস্তারিত ভাবে যুক্ত করতে ইচ্ছাপ্রকাশ করবেন। যে তথ্য আপনি দেবেন, তা অবশ্যই গোপন থাকবে। তাই অনুগ্রহ করে আপনার নাম লিখে / টাইপ করে জানান।

তারিখ	নিবন্ধনের জায়গা	প্রকল্পের শহর প্রকল্পঃ			
যোগাযোগের তথ্য / বিস্তারিত ব্যক্তিগত তথ্য					
নাম		লিঙ্গ	পুরুষ মহিলা	বয়স	
বাড়ীর ঠিকানা					
জায়গা / স্থান					
ফোন নং					
ই-মেল					
যেকোন অভিযোগ / পরামর্শ / মন্তব্য / প্রশ্ন অনুগ্রহ করে নিচে বিস্তারিতভাবে (কে, কি, কোথায় এবং কেমন করে) আপনার অভিযোগ জানান					
যদি কোন সংযুক্তি / চিরকুট / চিঠি অন্তর্ভুক্ত করতে চান, অনুগ্রহ করে সেখানে টিক দিন।					
আপনার অভিযোগ / মন্তব্যের হালনাগাদ (আপডেট) বা প্রতিক্রিয়া কিভাবে পেতে চান?					

Office ব্যবহারের জন্যঃ

অভিযোগ নিবন্ধনকারী আধিকারিকের নামঃ	
যোগাযোগ ব্যবস্থাঃ	
চিরকুট / চিঠি-	
ই-মেল-	
মৌখিক / টেলিফোন-	
নিবন্ধকৃত অভিযোগ পর্যালোচনাকারী আধিকারিকের নাম ও পদঃ	
অভিযোগের বিরুদ্ধে গৃহীত ব্যবস্থা-	
গৃহীত ব্যবস্থা প্রকাশ্যে আনা হয়েছে কি না	হ্যা না
প্রকাশের উপায়	

Appendix 6 : Terms of Reference for Independent Third Party for Negotiated Settlement

For any negotiated settlement, an external independent entity will observe and document the consultation process and validate the negotiated settlement process as per legal requirement.

TOR for Independent Third-Party Witness

An independent third party is sought to be appointed to oversee and certify the process of negotiated settlement. The third party shall be briefed about his/her expected role and deliverables by the concerned PIU.

Eligibility: The third party shall be a representative of the community (for example, a leader of the community with formal/legal standing, a representative of a local NGO/CBO with formal and legal standing), without any direct interest in the negotiation process or subproject activity, who is acceptable to each of the concerned parties (PIU/PMU and concerned landowner).

Scope of work: The role of the third party shall be to ensure a fair and transparent process of negotiation/donation. The envisaged scope: of work shall entail the following:

- (i) witness and keep a record of meetings held with the parties concerned,
- (ii) ensure there is no coercion involved in the process of negotiated settlement/land donation,
- (iii) ensure that the preferences and concerns of the landowner related to access, selection of site within lands held, etc. are recorded and any stipulated conditions met,
- (iv) ensure that the negotiated settlement agreement is drafted in a fair and transparent manner,
- (v) confirm that the offered/agreed price is fair and meets the market price of the land with similar value and condition in the area,
- (vi) ensure the negotiated settlement does not result any negative impacts to the third party associated with the purchase/donation activity,
- (vii) identify and recommend mitigation measures to landowner / affected third party, if required,
- (viii) ensure that taxes, stamp duties and registration fees for purchased of land are borne by government, and
- (ix) submit a certificate as witness to the purchase and transfer process.

Deliverables: The details of the meetings, and a certificate/reports as witness to the purchase / donation process and mitigation measures to owner, if any, shall be submitted by the third party to PMU, PIU and owner/donor in the local language.

Appendix 7 : Sample Certification Format (English)

This is to certify that Mr./Mrs. xxxxxxxxxxxxxxxxxxxxxx, (profession, designation, address) is appointed as independent third party to certify the process of negotiated settlement of plot no.....area.....owned by XXXXXXXXXX (names of owner), who is a signatory to this certificate. It is also placed on record that none of the signatories to this certificate have any objection to appointment of xxxx as third party witness.

Date

Officer of PHED and land donor
(Names and Signatures)

I, _____ of _____ (address) certify that I was witness to the process of negotiated settlement / land donation (details of plot from xxxxxxxxx landowner's names).

I certify that:

1. The process of purchase of the said land was transparent; the landowner(s) was/were happy to sell the affected assets for the welfare of the community/sub project activities.
2. The offered price of the land is fair and meets the market price of the land with similar value.
3. No coercion was used in the purchase process.
4. No (formal/informal) third party (associated with the purchase/donation) is negatively affected¹ by the purchase/donation activity
5. Land transfer costs (registration fee and stamp duty) were borne by the government and not by the owner/donor.
6. All concerns expressed by the owner/donor as agreed, were addressed and no pending issues remain.
7. The following mitigation measures were identified and implemented/provided to the land owner/donor.
8. Attached are the minutes of meetings held between project proponents and the landowner/donor, and the agreed price/value of the donated land which I was witness to.
9. Attached are the pictures of the land purchased and pictures of the original landowner(s) of the purchased land.
10. Attached are the information of the socio-economic background of the landowner(s)

Signed/ Name xxxxxxxxxxxxxxxxxxxxxxxx
Date: _____ Place: _____

Encl: Minutes of meetings held between landowner/donor and project proponents

¹ Negatively affected defines as permanent loss of/ access to shelter or livelihood support which could cause impoverishment to the affected third party

Appendix 8 : Certification Formats in Local Language (Bengali)

স্বাধীন তৃতীয় পক্ষ নিয়োগ শংসাপত্র

এতদ্বারা প্রত্যয়িত করা হইতেছে যে শ্রী / শ্রীমতি _____

পেশা _____ পদ _____

ঠিকানা _____

স্বাধীন তৃতীয় পক্ষ হিসাবে নিয়োগ করা হইলো। তিনি প্রথম পক্ষ (জনস্বাস্থ্য কারিগরি বিভাগ, গ্রাহারা জেলা জমি ক্রয় কমিটির মাধ্যমে জমি ক্রয় করিয়াছেন) ও দ্বিতীয় পক্ষের (জমিদাতা) মধ্যে আলাপ আলোচনার মধ্যে দ্বিতীয় পক্ষ শ্রী / শ্রীমতি _____

পিতা - _____

_____ জেলায়

_____ থানার অন্তর্গত,

_____ মৌজায়,

_____ নং সাপ্টেক/ হাল খতিয়ানের,

_____ নং সাপ্টেক / হাল দাগের,

_____ শতক/ একর জমির টিক্রয়ের/ দান সংক্রান্ত পদ্ধতির প্রত্যয়িত

করিয়া স্বাক্ষর করিবে।

ইহা লিপিবদ্ধ হইতেছে যে তৃতীয় পক্ষের নিয়োগ সম্পর্কে এই শংসাপত্রে স্বাক্ষরিত প্রথম ও দ্বিতীয় পক্ষের কোনো আপত্তি থাকিলো না।

তারিখ - _____

স্বাক্ষর- _____ স্বাক্ষর- _____

(প্রথম পক্ষ, আধিকারিক জনস্বাস্থ্য কারিগরি বিভাগ)

(দ্বিতীয় পক্ষ, জমিদাতা)

স্বাধীন তৃতীয় পক্ষের দ্বারা প্রত্যয়িত শংসাপত্র

আমি শ্রী / শ্রীমতি _____

ঠিকানা _____

আলাপ আলোচনার মাধ্যমে নিম্নলিখিত জমিঃ

জেলা - _____

থানা - _____

মৌজা - _____

সাবেক/ হালখতিয়ান নং - _____

সাবেক / হালদাগ নং - _____

পরিমাণ - _____ শতক/ একর ক্রয় / দান করিবার সময় আমি

প্রত্যক্ষদর্শী ছিলাম। আমি ইহা প্রত্যয়িত করিতেছি যে -

- ১) বিক্রয় / দান করিবার পদ্ধতি স্বচ্ছ ছিল এবং সমাজের উন্নয়ন প্রকল্পে জমিদাতারা তাদের উপরোক্ত জমি খুশি মনে বিক্রয় / দান করিতে সম্মত হইয়াছেন।
- ২) জমি ক্রয় বা দান করিতে কাহাকেও কোন প্রকার জোর জবরদস্তি করা হয় নাই।
- ৩) জমি বিক্রয়ের ফলে তৃতীয় কোন ব্যক্তির উপর (formal/ informal) নেতিবাচক প্রভাব পড়ে নি।
- ৪) জমি হস্তান্তরের খরচ (Registration Fee & Stamp Duty) সরকারের পক্ষ হইতে প্রথম পক্ষ বহন করিয়াছে, জমিদাতা বহন করে নাই।
- ৫) সমস্ত ব্যাপারে জমিদাতা সম্মতি জানাইয়াছেন, অমীমাংসিত কোন কিছু নাই।
- ৬) জমি বিক্রয় / দান করিবার দরুন নিম্নলিখিত বিষয়গুলি সনাক্ত করা হইয়াছে এবং ঐখানি ব্যবস্থা গ্রহণ করা হইয়াছে।
 - সরকারি নির্ধারিত মূল্য সঠিক ভাবে পেয়েছি।
- ৭) প্রজেক্ট প্রস্তাবক ও জমিদাতার সহিত মিটিং এর খুঁটিনাটি তথ্য সঙ্গে দেওয়া হল, ঐখানে আমি সাক্ষী ছিলাম।
- ৮) জমি ক্রয়ের ছবি ও মূলজমিদাতার জমি ক্রয়ের ছবি সঙ্গে দেওয়া হল।
- ৯) জমিদাতার আর্থসামাজিক প্রেক্ষাপটের তথ্য সঙ্গে দেওয়া হল।

তারিখ -

স্বাক্ষর - _____

স্থান -

নাম - _____

(তৃতীয় পক্ষ)

Appendix 9 : Estimation of Temporary Impacts

Methodology for Estimation of Temporary Impacts

Transect walks will be undertaken for estimation of temporary impacts in road sections ready for implementation of pipe laying work, jointly by PIU engineer, DSISC engineer, DSISC social safeguard personnel, and contractor's social safeguard and engineering design personnel. The exact pipe alignment and exact location of excavated trench along a road (whether in the centre or on one side of road), keeping in mind other utilities, as well as exact location of facilities in a site, needs to be known and marked. The transect walk will help determine sections where impacts are likely. In such sections, DMS Surveys and business surveys/socio-economic surveys as required are to be undertaken and the resettlement plan updated for impacts. Care will be taken to record all details, such as names of employees of affected businesses and their vulnerability status.

For the purpose of updating this resettlement plan section wise, transect walks were undertaken jointly by the concerned PHED Division team, safeguards consultants team, DSISC and contractor's team along the stretch of proposed pipe alignments from WTP to BS-1 under package WW/N24P/01.

Detailed measurement survey have been conducted for update resettlement plan prior to implementation for the components (WTP, BS-1, Haroa-GLSR, Bhangar II-GLSR and alignment of CWTM), for which design has been finalized. This exercise will be undertaken again for the remaining components under the package to reconfirm the final resettlement impact.

The following format is recommended for a survey of businesses to determine income loss during Detailed Measurement Survey. Results of the DMS Survey can be reported in the appended format for survey data.

Table A 3: Checklist for Transect Walks-Socio-Economic survey of Affected Businesses/ Sample Form for Survey of Businesses Under Detailed Measurement Survey

Date of Survey	Serial No.				
Name of road	Address/Location:				
Name of affected person					
Father/Mothers name					
Type of business/hawker					
Education (maximum level attained)					
Status	Owner	Tenant			
	If owner: Titled	Non-titled			
	Mobile	Permanent			
Description of structure					
Since when operating in that location					
Frequency of operation in a week	Daily	2-3 days/ week	1 day/ week	Half day	Full day
Hours of operation in a day					
Person(s) employed if any	No.				
Maintenance / Rent	₹per annum or month, specify				
Investment (recurring)	₹/ month				

Average profit per day	₹	
Whether household has any other income source		Percentage of income from other source(s)
Salaries paid to employees(total/month)	₹/month	
Highest profits recorded in	Hours(AM/PM) _____ Weekend/Weekd ay (specify days) _____ Festi val season(specify)_	
Will employee(s) be affected	Yes/No	
Whether any affected persons	BPL/WHH/disabled/backward community/Indigenous People/elderly/child worker Worker	
No. of dependents of owner		
No. of dependents of employees		
Whether road ROW used for	Parking/Display of wares /Storage/Other purpose, specify	
Type(s) of distress likely		
Views/Concerns		

BPL = below poverty line, WHH = woman headed household (Chief Wage Earner is a woman), ROW=right-of-way

Appendix 10 : Sample Monitoring Template

A semi-annual monitoring report shall be prepared on resettlement plan implementation and submitted to ADB by the PMC. It will include: (1) **the list of affected persons**, with compensation, if any due to each and details of compensation paid with signed receipts annexed to the report, socio- economic status and satisfaction levels of affected persons with the resettlement plan implementation process, compensation and mitigation measures;(2) **the list of vulnerable affected persons** and additional compensation / special protection measures planned/implemented for them (e.g. assistance to obtain project construction related jobs); socio-economic status and satisfaction levels of affected persons with the resettlement plan implementation process, compensation and mitigation measures; (3) **list of roads for closure** and actions planned / taken to minimize disturbance; (4) **details of consultations held with affected persons** (with number of participants by gender, issues raised, conclusion/agreement reached, actions required/taken; (5) **details of grievances** registered, redressed, outstanding complaints, minutes of GRM meetings held; (6) **details of information disclosure** and awareness generation activities, levels of awareness among target population and behavior change, if any; and (7) **any other relevant information** showing resettlement plan implementation progress. The following checklist may be used for overall monitoring of resettlement plan implementation.





Sl. No.	Resettlement Plan Activities	Completed Y/N	Remarks
A. Pre-Construction Activities and resettlement plan Activities			
1	Approval of final resettlement plan by ADB prior to contract award		
2	Disclosure of final resettlement plan on ADB and EA websites		
3	Circulation of summary resettlement plan in local languages to all stakeholders		
B. resettlement plan Implementation			
1	Grievance Redress Mechanism established at different levels		
2	Entitlements and grievance redress procedure disclosed		
3	Finalization of list of affected persons, vulnerable affected persons and compensation due		
4	Finalization of list of roads for full or partial closure; mitigation measures proposed and implemented (with photographic documentation)		
5	Affected persons received entitlements as per EM in resettlement plan		
6	Payment of compensation, allowances and assistance (No. of affected persons)		
7	Additional assistance (project-related construction jobs, if willing and able) for vulnerable households given (No. of vulnerable affected persons assisted)		
8	Grievances No. of grievances registered No. of grievances redressed Outstanding complaints Disclosure of grievance redress statistics		
9	Consultation, participation and disclosure as per Plan		
C. Monitoring			
10	Survey on satisfaction levels of affected persons with resettlement plan implementation completed		

Sl. No.	Resettlement Plan Activities	Completed Y/N	Remarks
D. Labor			
11	Implementation of all statutory provisions on labor like health, safety, welfare, sanitation, and working conditions by Contractors. Ensuring no child labour used		
12	Equal pay for equal work for men and women		

NOTE: Where applicable, the information provided in the table should be supported by detailed explanatory report, receipts and other details.

Appendix 11 : Stakeholder Consultations

Public Consultation at Package-01 (Part- B, consultation held during the implementation of the project)

Sl. No.	Block	Date of consultation	Place of Consultation	No. of Participants	Concerns/Issues Discussed	Picture
1	Rajarhat	15.02.2020	Alignment of CWTM	Male: 7 Female: 2 Total: 9	<ul style="list-style-type: none"> In the initial discussion, the following points were discussed, Karmoyog group is a registered body which has taken land on lease from HIDCO in the name of Omnivera Learning Solutions Pvt. Ltd., one of his group companies. Proposed laying of the transmission main line may have impact which needs to be examined. Karmoyog uses the land for organic agriculture and nursery. Some temporary structures have been constructed. Some laborers work in this area under the group who have been taking care of the agriculture and nursery. Transmission main line has been proposed between existing sewerage pipeline and canal boundary which may touch upon the land of nursery marginally. The land belongs to both HIDCO and dept. of irrigation which needs to be segregated clearly to identify the impact. The proprietor of Karmoyog will submit the lease documents and other documents relating to possession, to the PIU for review. 	   





Attendance Sheet

ATTENDANCE SHEET

Programme - Public ConsultationVenue/ Place - KarmajyogDate - 15/2/2020

Time -

Sl. no	Name of the Participants অংশগ্রহণকারীদের নাম	Age বয়স	Sex লিঙ্গ	Caste জাতি	Designation পদ	Contact no ফোন নম্বর	Signature স্বাক্ষর
1	SOUYABH J. SARKAR	51	M	Brahmin (HINDU)	Founder - Karmajyog for U st Govt	9830067217	
2	MONOJ BHATTACHARJEE	62	M	Brahmin (HINDU)	Pujari & Agriculture Associate	9432113881	
3	NEWTON MONDAL	23	M	Sadgop HINDU	Office - boy, Accounts	7980517350	
4	DEBASHIS MISRA	37	M	Brahmin HINDU	Announcer & HR Exec	7014704805	
5	GOPINDA COLDAR	35	M	MAGHURHOD HINDU	Painter, Vote Exec	9749459944	
6	CHANDANA SARKAR	33	F	Paikya HINDU	cook & Agri Assoc	9088439333	
7	Dilip Ray	59	M	GBE	Support Staff Social Safeguard, DISC	9933996977	
8	ROHAN KUMAR	32	M	Gen	Support Staff - Inv. Safeguard	7364206796	
9	Rekha Saha	31	F	Gen	Support Staff - DISC Social Safeguard	9903325701	
10	Srebanj Sengupta	57	F	Gen	Social, Govt, Skillment Specialist, DISC	9836022481	

Sl	Block	Date of consultation	Place of Consultation	No. of Participants	Concerns/Issues Discussed	Picture
2	Rajarhat	18.12.2020	Alignment of CWTM	Male: 13 Female: 2 Total: 15	<p>After a joint walk taken by DSISC Social, Environmental, technical experts and Contractor's representatives a consultation meeting was held at site. Following points were discussed.</p> <p>To avoid impact on the structures of nursery, trenchless method will be followed instead of open cut method.</p> <p>The trenchless method will minimize land use in working corridors.</p> <p>The Proprietor of Karmayog group was happy to know that the pipe laying will have no impact on his assets.</p>	   

Attendance Sheet

West Bengal Drinking Water Sector Improvement Project (WBDWSIP)

ATTENDANCE SHEET

Programme -

Venue - PHED office meeting & site visit at CWPM

Date - 18/12/2020

Time - 11.00 am

Sl. No	Name	Designation	Contact No.	Signature
01	Ashim Chakraborty	TL, DSISC	9831013551	
02	Sanku Sengupta	Social, Gender & Environment Specialist	9836022781	
03	Sumantha Bandyopadhyay	Environmental Specialist, DSISC	8017668861	
04	Kobon Kumar	Support Staff, Env. Specialist	7364804746	
05	Prithwish Kr Saha	Environmental Support Staff, DSISC	8373003438	
06	PRAVIN JAISWAL	AVP - Projects	9504678402	
07	BIDYUT KUMAR DEBNATH	Dy. PM	9771430908	
08	KAUSTAV SAIN	Manager-PMD	6292128008	
09	Rekha Dubey	Social Safeguard DSISC-Support Staff	9903925701	
10	Dileep Kumar Roy	Social Safeguard DSISC-Support Staff	9933996972	
11	Sujoy Das	PM, FFIL	6292128002	
12	Pran Kaustav Sain	PMD, FFIL	6292128008	
13	Ambuj Ghoshain	HR, FFIL	7735746899	
14	Dibakar Ghoshal	Senior Surveyor, FFIL	8759214040	
15	Sourav J. Sarkar	Director of Innovative Learning Solution Provider	9830067217	
16	Goutam Mitra			
17	Goutam Mitra	Construction Manager/WTP, DSISC	8420257316	

West Bengal Drinking Water Sector Improvement Project (WBDWSIP)

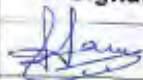

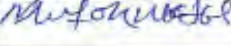


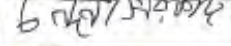

ATTENDANCE SHEET

Programme - Public Consultation

Venue - Kamruiyog

Date - 18/12/2020

Time-

Sl. No	Name	Designation	Contact No.	Signature
01	Sourabh J. Sarkar	Founder	9830067217	
02	MONOJ BHATTACHARYA	Pujari & Agri Assoc.	9432113881	
03	NEWTON MONDAL	office-boy- Accts	7980517350	
04	DEBASHIS MISRA	Announcer & H.R. Exec	7044 704805	
05	CODINDA GOLDAR	Painter & Yoga Exec	9749459944	
06	CHANDANA SARKAR	Cook & Agri Assoc	9088939333	
07	Dilip Roy	Support Staff Social Segmented BSISC	9933996977	
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				

Sl. No.	Block	Date of Consultation	Place of Consultation	No. of Participants	Concerns/Issues Discussed	Picture
3	Rajarhat	19.01.2021	Street No. 64, Rajarhat	Male: 13 Female: 3 Total: 16	<p>Officials from PHED and DSISC explained the objectives of the project. Stakeholders are shopkeepers who run their business as Non- titleholders. There is total 7 shops, of which, Cycle repair shop -1, Snacks shop -2, Tea and miscellaneous-4.</p> <p>Shopkeepers have asked whether their shops will be closed for a temporary period. Officials explained that no impact is expected as the contractor will Cycle repair shop-keep a one-meter corridor after the footpath throughout the working area from left to right, so that a walking corridor remains and help the customers to enjoy the services of those shops.</p> <p>The shopkeepers were ensured that they will face no loss of livelihood while execution</p> <p>DSISC representatives along with Contractor's personnel have shared their number so that any grievance can be attended immediately once the execution starts.</p>	


Attendance Sheet

ATTENDANCE SHEET

Programme - Public Consultation
 Venue/ Place - Street No. 63, Newtown Ad, at office of Newtown Hawkers Sangram Committee
 Date - 19/01/2021
 Time - 9.20 pm

Sl. No.	Name of the Participants অংশগ্রহণকারীদের নাম	Age বয়স	Sex লিঙ্গ	Caste জাতি	Designation পদ	Contact no ফোন নম্বর	Signature স্বাক্ষর
1	Biswjit Biswas	30	M	G	Shop owner (Cool Food/Chicken)	8777055283	[Signature]
2	Ripon Das	45	M	G	Shop owner General	9007408103	[Signature]
3	Abhik Sarkar	40	M	G	Shop owner	789058655	[Signature]
4	Prasen Biswas	60	M	G	Shop Owner	8478024969	[Signature]
5	Binoy Biswas	39	M	G	Shop Owner	9748138004	[Signature]
6	Suman Borah	35	M	G	Shop Owner	7278529286	[Signature]
7	Ujjal Biswas	40	M	G	Shop Owner	7595835758	[Signature]
8	Deepak Mondal	33	M	G	Shop Owner	6290637330	[Signature]
9	Anita Bagdi					629016411	[Signature]
10	Sankhankar Bhattopadhyay	38	M	G	safety Eng. FFI		[Signature]

Sl. No.	Name of the Participants অংশগ্রহণকারীদের নাম	Age বয়স	Sex লিঙ্গ	Caste জাতি	Designation পদ	Contact no ফোন নম্বর	Signature স্বাক্ষর
11	Anita Bagdi	32	F	SC	Shop owner (Tea Shop)	9674322377	[Signature]
12	Swarupha Bandyopadhyay	47	M	G	Em. Expt, DSISC N24P	8017668861	[Signature]
13	Srabani Sengupta	57	F	G	Social Worker & Resilience Support	9836022781	[Signature]
14	Prithwish Kr Saha	28	M	SC	Em. Support, DSISC N24P	8373503458	[Signature]
15	Rohan Kumar	32	M	Gen	Em. Support Staff DSIC - N24P, DS	7864804446	[Signature]
16	Dilip Roy	53	M	OBC	Support Staff, DSISC Social Safeguard	9933396372	[Signature]
17	Rekha Dubay	31	F	G	Social Support Staff DSISC - N24P	9903825701	[Signature]
18							
19							
20							
21							
22							
23							
24							
25							

Sl. No.	Block	Date of consultation	Place of Consultation	No. of Participants	Concerns/Issues Discussed	Picture
4	Rajarhat	19.01.2021	Street No. 129, Rajarhat	Male: 10 Female: 3 Total: 13	<p>The stakeholders are residents of flats located in buildings built on both sides of the road 129.</p> <p>Officials from PHED and DSISC explained the objectives of the project to the participants. Chairman of the Resident Committee of the BC block was present in the meeting.</p> <p>Residents were concerned about the noise that may generate from the activities. Also they expressed their concern about road restoration after the work is complete.</p> <p>Residents were concerned about their cars that would move in and out during execution at daytime.</p> <p>Residents suffer from choked drains in the area and requested the contractor to take extra care so that excavated soil does not go into the drains aggravating the problem.</p> <p>Contractor's representative, EHS Supervisor, gave assurance to manage traffic while execution. They will provide a structure on the trench through which car's in and out movement from the buildings will be facilitated. Impact from noise will be minimized and notice will be served prior to work.</p>	 <p>The 'Picture' column contains three vertically stacked photographs. Each photo shows a group of people engaged in a community consultation meeting on a street. The top photo shows a group of people standing and talking. The middle photo shows a man in a red shirt talking to a group. The bottom photo shows a man in a grey jacket talking to a woman in a blue sari. Each photo has a small data overlay in the bottom left corner with coordinates and a 'Powered by ShikharCam' watermark in the bottom right corner.</p>

Attendance Sheet

ATTENDANCE SHEET

Programme - Public consultation


Venue/ Place - BE Block - St. - 129

Date - 19/01/2021

Time - 3.20 pm

Sl. নং	Name of the Participants অংশগ্রহণকারীদের নাম	Age বয়স	Sex লিঙ্গ	Caste জাতি	Designation পদ	Contact no ফোন নম্বর	Signature স্বাক্ষর
1	Pradip K. Goswami	40	M	G	Resident	9007436622	Goswami
2	Amalaksha Thakur	65	M	General	"	9163954215	Thakur.
3	Satya Prasad Talapatra	73	M	General	"	9890246794	Talapatra
4	Narindranath Gukhly	73	M	G	"	9433670503	Narindranath
5	Soumyajit Maz	35	M	General	"	9433372650	Maz
6	RIYA SENGUPTA		F		JE/PIU/N24P	7872932332	Sen Gupta
7	SHUBHANKAR CHATTOPADHYAY	35	M	G.	Safety Engg.	629011641	Shubhankar
8	SHARADHA BANDYOPADHYAY	47	M	G	Env. Support, DSISC N24P	8012668861	Shardha
9	PRITHWISH KUMAR SATIA	28	M		Env. Support, DSISC N24P	8373003438	Prithwish
10	Rohan Kumar.	32	M	G	Support Staff Env. Support	7364804746	Rohan

Sl. নং	Name of the Participants অংশগ্রহণকারীদের নাম	Age বয়স	Sex লিঙ্গ	Caste জাতি	Designation পদ	Contact no ফোন নম্বর	Signature স্বাক্ষর
11	Prabha Singh	57	F	G	Social Gender X Resilience Specialist DSISC	9836022781	Prabha
12	Dilip Roy	59	M	ORSE	Social Safeguard, Support Staff, DSISC	9933508977	Dilip
13	Rekha Dubay	31	F	G	Social Safeguard Support Staff, DSISC	9903925701	Dubay
14							
15							
16							
17							
18							
19							
20							
21							
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24							
25							

Sl. No.	Block	Date of consultation	Place of Consultation	No. of Participants	Concerns/Issues Discussed	Picture
5	Rajarhat	22.01.2021	Street No. 64, Rajarhat	Male: 12 Female: 8 Total: 20	<p>Officials from PHED and DSISC explained the objectives of the project. Personnel from the Contractor agency was also present</p> <p>Stakeholders are shopkeepers who run their business as non-titleholders. There are 11 shops in total, Flower shop-1, Mobile recharge & repair-1, Pan shop-1, Roadside eatery-1, Lottery ticket selling shop-1, Tailoring shop-1, Vegetable seller-1 and Motorcycle repair-1.</p> <p>When explained to the shopkeepers that a one-meter-wide space will be provided in front of their shops, shopkeepers asked whether their shops will be closed for a temporary period. Officials explained that no business closure is required as the contractor will keep a one-meter corridor after the footpath throughout the working area from left to right, so that a walking corridor remains and help the customers to enjoy the services of those shops.</p> <p>The shopkeepers were assured that they will face no loss of livelihood while execution. Shopkeepers requested the contractor not to make the barricade, in front of the shops, too high to allow their customers to see the shops.</p> <p>DSISC representatives along with Contractor's personnel have shared their number so that any grievance can be attended immediately once the execution starts</p>	

Attendance Sheet

West Bengal Drinking Water Sector Improvement Project (WBDWSIP)

ATTENDANCE SHEET

Programme : Public Consultation
 Venue/ Place : Sindicat Bank More - G9
 Date : 22/01/21
 Time: 12:00 pm

Sl. No	Name of the Participants অংশগ্রহণকারীর নাম	Age বয়স	Sex লিঙ্গ	Cast জাতি	Designation পদ	Contact No ফোন নং	Signature স্বাক্ষর
1	Rekha Dubey	31	F	G	Social Support Staff, DSISC-NM9	9903925701	Rekha
2	A. Biswas	37+	M	SC	Shop Owner	9831215198	A. Biswas
3	Debashis Mishra	42	M	SC	Shop Owner	9831062471	Debashis
4	Litan Sankar.	49+	M	SC	Shop Owner	7258528992	Litan Sankar
6	Abijit Majumdar	30+	M	SC	Shop Owner	824077748	Abijit Majumdar
6	Ajay Mondal	21+	M	G	Shop Owner	6291497994	Ajay Mondal
7	Dipak Mondal	40	M	SC	Shop Owner	9231985426	D. Mondal
8	Seraju Ray	65	F	SC	Shop Owner	7890985894	S. Ray
9	Rita Majumdar	30	F	SC	Shop Owner	8276924713	Rita Majumdar
10	সুস্মিতা মজুমদার	32+	F	SC	Shop Owner	9948944228	সুস্মিতা মজুমদার
11	Litan Haldar	35+	M	SC	Shop Owner	9051631417	Litan Haldar

Sl. No	Name of the Participants অংশগ্রহণকারীর নাম	Age বয়স	Sex লিঙ্গ	Cast জাতি	Designation পদ	Contact No ফোন নং	Signature স্বাক্ষর
12	Sushuma Barui	40	F	SC	Shop Owner	8697957830	Sushuma Barui
13	Madhabi Majumdar	96	F	SC	Shop Owner	8479804685	Madhabi Majumdar
14	Supriya Ghosh	44	F	SC	Shop Owner	8310089511	Supriya Ghosh
15	Sitobankar Chattopadhyay	38	M	G	Shop Safety Officer NTP	629001649	S. Chattopadhyay
16	Tarapur Mandal	42	M	SC	Shop Owner	8013535779	Tarapur Mandal
17	Poithwish K. Saha	28	M	SC	Support Staff, DSISC Environment Safeguard	8373003438	Poithwish K. Saha
18	Rohan Kumar	32	M	Gen	Support Staff, DSISC Environment Safeguard	7364804446	Rohan Kumar
19	Dilip Roy	53	M	ORC	Support Staff Social Safeguard	9933996377	Dilip Roy
20	Srabani Sengupta	57	F	Gen.	Social, Gender & Resilient DSISC	9836022781	Srabani Sengupta
21							
22							
23							
24							
25							

Appendix 12 : Photographs

Alignment Photographs of Clear Water Rising Main line

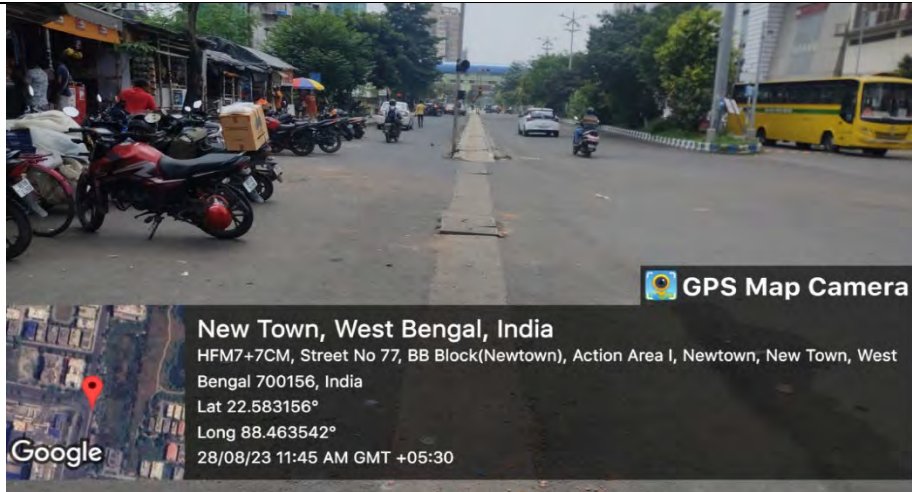


Street No. 67, point zero at HIDCO Peripheral Canal Starting Point Outside Water Treatment Plant



Street No. 64, Alignment passes through the HIDCO road, which have been approved by HIDCO





Street No. 64, There is no temporary or permanent loss anticipated



Street No. 77, There is no temporary or permanent loss anticipated



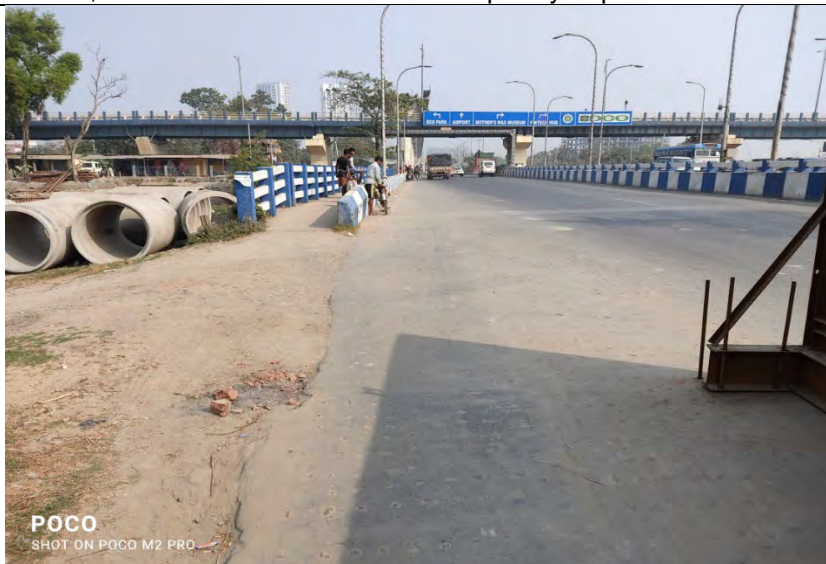
Street No. 101, There is no temporary or permanent loss anticipated



Street No. 165, No temporary or permanent loss anticipated



Street No. 129, residential area. There is no temporary or permanent loss anticipated.



Tranchless technology will be use for the Major Arterial Road crossing at Jatragachhi



Proposed route of transmission line towards BS-1, passing along HIDCO Drainage Pumping Station

The existing drainage pumping station from IB (AAI, New Town) to Jatragachi Junction is used by Karmayoga Group on lease from HIDCO for running Karmayoga Group activities. Now HIDCO has constructed a road along the bank of the canal from Karmayoga to the existing drainage station. Along with road construction, pipes have also been laid there. So, there is no temporary or permanent loss anticipated.



End of Transmission Line at BS-1



BS-1 Land, which have been handed over to contractor

Photographs of site visit and Consultation with various stakeholders







WTP Photographs



Work at going on WTP Site



WTP land owned by HIDCO (with existing WTP operated and maintained by PHED)



Adequate vacant land available at existing HIDCO-owned WTP premises

Haroa GLSR Site

Photographs of Owners and Haroa GLSR site



One of the owners (willing sellers) of the site,
Mr. Farid Zamaddar



One of the owners (willing sellers) of the site,
Mr. Nazrul Islam



One of the owners (willing sellers) of the site,
Ms. Runa Bibi



One of the owners (willing sellers) of the site,
Mr. Sahidul Islam



Site photographs of GLSR site at Haroa

Bhangar II GLSR Site

Site photographs and consultation with owners / family members and community members



Owner:
Mr. Ibrahim Molla



Owner:
Mr. Alamgir Mallik

Site of Bhangar II GLSR



Appendix 13 : Details of Negotiated Settlement: Land Ownership, Consent Letters of GLSR land at Haroa

1. Haroa Ground Level Reservoir Site

Details of Affected Plots, Consent letters from landowners signifying willingness to sell, Land ownership records.

Table A 4 : Details of Identified Plots, Ownership, Land Sellers

Plot No. Khatian No./JL No.	Area in Decimals	Owner(s)	No. of Affected Land Owners	No. of HH Members (Including Landowners)
JL-26, Khathiyani-763	90	Farid Zamadar	1	4
JL-26, Khathiyani-763 & 1172	34	Nazrul Islam	1	4
JL-26, Khathiyani-763 & 1057	20	Runa Bibi	1	5
JL-26, Khathiyani-763	34	Sahidul Islam	1	5
Total	178		4	18

Appendix 14: Third Party Certification of GLSR Site at Haroa (Nazarnagar)

স্বাধীন তৃতীয় পক্ষ নিয়োগ শংসাপত্র

এতদ্বারা প্রত্যয়িত করা যাইতেছে যে শ্রী / শ্রীমতি নজরুল ইসলাম

পেশা কমিউনিকেশন পদ এককর্তা হিসাব

ঠিকানা হাজোয়া

স্বাধীন তৃতীয় পক্ষ হিসাবে নিয়োগ করা হইলো। তিনি প্রথম পক্ষ (জনস্বাস্থ্য কারিগরি বিভাগ, যাহারা জেলা জমি ক্রয় কমিটির মাধ্যমে জমি ক্রয় করিয়াছেন) ও দ্বিতীয় পক্ষের (জমিদাতা) মধ্যে আলাপ

আলোচনার মধ্যে দ্বিতীয় পক্ষ শ্রী / শ্রীমতি - ১) ফারুক জামান, পিতা- আব্দুল মেহেদ জামান;

২) নজরুল ইসলাম, পিতা- নূর মহম্মদ মোস্তাফিজ, ৩) আব্দুল হুদুদ ইসলাম, পিতা- শেখ মোস্তাফিজ

পিতা শ্রী রানা বিবি, আব্দুল মনির - এজলু মোস্তাফিজ।

উত্তর ২৪ পরগনা জেলায়

হাজোয়া থানার অন্তর্গত,

নজরুলগর মৌজায়,

১০৫৭, ১১৭২, ১১৭২, ১১৭৬ নং সাবেক/ হাল খতিয়ানের,

৭৬৬ নং সাবেক / হাল দাগের,

১৭৬ শতক/ একর জমির বিক্রয়ের/ দান সংক্রান্ত পদ্ধতির প্রত্যয়িত

করিয়া স্বাক্ষর করিবেন।

ইহা লিপিবদ্ধ হইতেছে যে তৃতীয় পক্ষের নিয়োগ সম্পর্কে এই শংসাপত্রে স্বাক্ষরিত প্রথম ও দ্বিতীয় পক্ষের কোনো আপত্তি থাকিলো না।

তারিখ - ১৬/০৭/২০১১

- ১) Fauz Zaman
- ২) Najmul Islam
- ৩) Abdul Huda Islam
- ৪) Rana Bibi

স্বাক্ষর- শেখ মোস্তাফিজ স্বাক্ষর-

(প্রথম পক্ষ, আধিকারিক জনস্বাস্থ্য কারিগরি বিভাগ)

(দ্বিতীয় পক্ষ, জমিদাতা)

স্বাধীন তৃতীয় পক্ষের দ্বারা প্রত্যায়িত শংসাপত্র

আমি শ্রী / শ্রীমতি Nawab- Ali
 ঠিকানা VILL. Boraj, Post + P.S. Haroa, 24 Pgs (N)
 আলাপ আলোচনার মাধ্যমে নিম্নলিখিত জমিঃ
 জেলা- উত্তর চব্বিশ পরগণা
 থানা- হাজরা
 মৌজা - নজরগাঁও
 সাবেক/ হাল খতিয়ান নং- ১০৪৭, ১১৭১, ১১৭২, ১১৭৩
 সাবেক / হাল দাগ নং- ৭৬৩
 পরিমাণ - ১.৭৮ শতক/ একর ক্রয় / দান করিবার সময় আমি প্রত্যক্ষদর্শী ছিলাম।

আমি ইহা প্রত্যায়িত করিতেছি যে -

- ১) বিক্রয় / দান করিবার পদ্ধতি স্বচ্ছ ছিল এবং সমাজের উন্নয়ন প্রকল্পে জমিদাতারা তাদের উপরোক্ত জমি খুশি মনে বিক্রয় / দান করিতে সম্মত হইয়াছেন।
- ২) জমি ক্রয় বা দান করিতে কাহাকেও কোন প্রকার জোর জবরদস্তি করা হয় নাই।
- ৩) জমি বিক্রয়ের ফলে তৃতীয় কোন ব্যক্তির উপর (formal/ informal) নেতিবাচক প্রভাব পড়ে নি।
- ৪) জমি হস্তান্তরের খরচ (Registration Fee & Stamp Duty) সরকারের পক্ষ হইতে প্রথমপক্ষ বহন করিয়াছে, জমিদাতা বহন করে নাই।
- ৫) সমস্ত ব্যাপারে জমিদাতা সম্মতি জানাইয়াছেন, অমীমাংসিত কোন কিছু নাই।
- ৬) জমি বিক্রয় / দান করিবার দরুন নিম্নলিখিত বিষয়গুলি সনাক্ত করা হইয়াছে এবং যথার্থ ব্যবস্থা গ্রহণ করা হইয়াছে।
 - সরকারী নির্ধারিত মূল্য সঠিকভাবে পেয়েছে।
- ৭) প্রজেক্ট প্রস্তাবক ও জমিদাতার সহিত মিটিং এর খুঁটিনাটি তথ্য সঙ্গে দেওয়া হল, যেখানে আমি সাক্ষী ছিলাম।
- ৮) জমি ক্রয়ের ছবি ও মূল জমিদাতার জমি ক্রয়ের ছবি সঙ্গে দেওয়া হল।
- ৯) জমিদাতার আর্থ-সামাজিক প্রেক্ষাপটের তথ্য সঙ্গে দেওয়া হল।

তারিখ - ১৬/০৭/২০১১

স্থান - নজরগাঁও

(নাম) NAWAW ALI

(স্বাক্ষর) N. Ali

(তৃতীয় পক্ষ)

HAWOR F. P. School

Third Party appointment Certification

This is to certify that Mr. / Mrs. Nawab Ali, Teacher at
Haroa F.P. School, Haroa, North 24 Parganas.

(profession, designation, address) is appointed as independent third party to
 certify the process of negotiated purchase of plot no
26/763 area 178 decimal.

owned by 1) Fazid Jomadar s/o- Abdul Adud Jomadar, 2) Najrul Islam,
s/o- Nur Md. Molla 3) Sahidul Islam, s/o- Golam Molla, 4) Ruma
Bibi, H/o - Bajlu Molla,

(names of owner) who is a signatory to this certificate. It is also placed on record
 that none of the signatories to this certificate have any objection to appointment
 of Nawab Ali, School Teacher, as third party witness.

Date: 13/07/21

Officers Concerned PHED

Pintu Naskar, JE, PHED

Land owner.

- 1) Fazid Jomadar
- 2) Najrul Islam
- 3) Sahidul Islam,
- 4) Ruma Bibi

Certification by Third Party

I, Nawab Ali, teacher s/o of Haroa F.P School
 Haroa, North 24. Banganar
 (address) certify that I was witness to the process of negotiated purchase (details of plot)
 Jl. 26, Dag No. 763 From 1) Farid Jammadari, s/o. Abdul
Adid Jammadari, 2) Najrul Islam, s/o. Nur Md. Molla, 3) Sahidul Molla,
s/o. Golam Molla, 4) Rums. Pabi, H/O. Bazlu Molla
 (Land owners names).

I certify that

1. The process of purchase of the said land was transparent; the land owner(s) was/were happy to sell the land/assets for the welfare of the community/subproject activities.
2. No coercion was used in the purchase process.
3. No (formal/informal) third party (associated with the purchase) is negatively affected by the purchase activity.
4. Land transfer costs (registration fee and stamp duty) were borne by the government and not by the owner.
5. All concerns expressed by the owner as agreed were addressed and no pending issues remain.
6. The following mitigation measures were identified and implemented provided to the land owner.
7. Attached are the minutes of the meeting held between project proponents and the land owner and the agreed price value of the purchased land which I was witness to.
8. Attached are the pictures of the land purchased and pictures of the original land owners of the purchased land.
9. Attached is the information of the socio economic background of the land owner(s).

Signed: Nawab Ali

Name: NAWAB ALI

Date: 13/07/2021 Place: Najal nagar

Encl: Minutes of the meeting held between land owner and project proponents.

Certification by Third Party

I, Nawab Ali, teacher s/o of Harpa F.P. School
Harpa, North 24. Pongma
 (address) certify that I was witness to the process of negotiated purchase (details of plot)
Pl. 26, Dag No. - 763 From 1) Farid Jamadar, s/o. Abdul
Adid. Jamadar, 2) Najrul Islam, s/o. Nur Md. Molla, 3) Sahidul Molla,
s/o. Solomon Molla, 4) Ruma Bibi, H/O. Bajlu Molla
 (Land owners names).

I certify that

1. The process of purchase of the said land was transparent; the land owner(s) was/were happy to sell the land/assets for the welfare of the community/subproject activities.
2. No coercion was used in the purchase process.
3. No (formal/informal) third party (associated with the purchase) is negatively affected by the purchase activity.
4. Land transfer costs (registration fee and stamp duty) were borne by the government and not by the owner.
5. All concerns expressed by the owner as agreed were addressed and no pending issues remain.
6. The following mitigation measures were identified and implemented provided to the land owner.
7. Attached are the minutes of the meeting held between project proponents and the land owner and the agreed price value of the purchased land which I was witness to.
8. Attached are the pictures of the land purchased and pictures of the original land owners of the purchased land.
9. Attached is the information of the socio economic background of the land owner(s).

Signed: Nawab Ali

Name: NAWAB ALI

Date: 13/07/2021 Place: Najal nagar

Encl: Minutes of the meeting held between land owner and project proponents.

দ্বিতীয় স্তরের উপস্থিতিতে জনস্বাস্থ্য কারিগরি সমূহ ও জমিআজর আইডি
সভার কার্যবিবরণী,

স্থান - নজরগাঁও, শাহুয়া, ডিও ২৪ নকলা,

তারিখ - 13-07-2021

সময় - ১ ঘণ্টা.

13/07/2021 তারিখে শাহুয়া ব্লকের জোনামুখ-নকলাপূর্ব গ্রাম পঞ্চায়েতের অধীনে
নজরগাঁও খেয়া নজরগাঁও দুপুর ১টা অর্থাৎ দ্বিতীয় স্তর হিসাবে নিম্নলিখিত নজরগাঁও
জোনামুখ-নকলাপূর্ব উপস্থিতিতে জনস্বাস্থ্য কারিগরি সমূহের প্রতিনিধি ও জমিআজর আইডি
সভা অনুষ্ঠিত হয়।

জমির মালিক, জনস্বাস্থ্য কারিগরি সমূহের প্রতিনিধি, দ্বিতীয় স্তর, গ্রামবাসী তথা
DSISC র প্রতিনিধিরা এই সভায় উপস্থিত ছিলেন। সভায় মোট ৩ জন উপস্থিত
ছিলেন। এর মধ্যে ৪ জন পুরুষ ও ১ জন মহিলা।

সভায় উপস্থিত সকল প্রতিনিধিরা নিম্নলিখিত বিষয় প্রদান করেন। এতে সভায়
উদ্দেশ্য সূচক করেন। জনস্বাস্থ্য কারিগরি সমূহের প্রতিনিধি মাননীয় পিসি নজরগাঁও
মহানয় জানান, West Bengal Drinking Water Section Improvement
Project - WBDSIP পশ্চিমবঙ্গ রাজ্য সরকার তথা ADB র সহায়তায় শাহুয়া
এতে ডিও-২ ব্লক সরকার বাড়ীতে, সকল সরকারি প্রতিষ্ঠান, সকল মিশ্র প্রতিষ্ঠান
এক ICDS Centre এ পাইপলাইনের মাধ্যমে বিস্তৃত পানীয় জল পৌঁছ দেওয়ার
পরিকল্পনা গ্রহণ করেছে। এই পরিকল্পনা বাস্তবায়িত করার জন্য শাহুয়া ব্লক
হাটি তথা ডিও-২ ব্লক ১৪টি মোট ৩৩টি জলের ট্যাক তৈরি হবে তথা শাহুয়া
ও ডিও-২ ব্লক একই করে খাটের নীচে জমাটের তৈরি হবে। শাহুয়া নজরগাঁও
খাটের নীচে জমাটের তৈরি হবে। এই জমাটের তৈরি করা হলে জমাটের
নজরগাঁও ইআলম, সিইউন ইআলম ও রুনা বিবিড কাছ থেকে ১.৭৪ একর জমি
ক্রয় করা হয়। জমির মালিক হারিড কুমার নামের আর্গেনিক মুক্ত বিস্তৃত পানীয় খলা
প্রত্যেক বাড়ীতে পৌঁছ দেওয়ার লক্ষ্যে সরকারি প্রকল্প দ্বারা বিক্রয় করে তামা দেওয়া

Minutes of the meeting with the Land Seller of Ground Level Reservoir of Nazarnagar Mouza, Haroa, Package No. “WBDWSIP/DWW/NCB/N-24P/01/2017-18” for the purpose of Third Party Certification.

Date : 13.07.2021

Venue : Nazarnagar, Haroa, North 24 Parganas

Time : 1.00pm

A meeting was held on 13th July, 2021 at 1.00pm with the land sellers of “Ground Level Reservoir of Nazarnagar, Sonapukur-Shankarpur Gram Panchayat, Haroa block, North 24 Parganas Package no WBDWSIP/ DWW/ NCB/ N-24P/ 01/ 2017 – 18”. The meeting was held in the presence of Land sellers, Representative of PHED, Third party, Representative of Support Staff-Social and Environmental safeguard-DSISC-N24Pgs and other villagers. 9 participants were presents in that meeting, in which 1 participant was female.

Representative of PHED, Mr. Pintu Naskar, JE, PHED started the meeting with statement on detailed objectives of the project, West Bengal Drinking Water Sector Improvement Project (WBDWSIP) which will supply the 70 litter potable water through metered house connection on 24/7 basis with the help of Govt. of WB and ADB. All the education centers, commercial places, religious places, cooperatives, health centers are also included as beneficiaries. This project will provide safe Arsenic free drinking water to reduce health problem and will use surface water to save ground level water of the State. For smooth functioning of drinking water distribution, one Ground Level reservoir, 21 Overhead Reservoir at Haroa and one Ground Level Reservoir, 18 Overhead Reservoir at Bhangar II will be constructed. And 2 GLR will be constructed at Haroa and Bhangar II to reserve the Water. Which will be connected to Water Treatment Plant and supply water to every Overhead reservoir. He also stated that this particular 1.78-acre land has been purchased from Mr Farid Zamadar, Nazrul Ishlam, Saidul Ishlam and Runa Bibi for the construction of Ground Level Reservoir for whole Haroa block.

The one of land owner Mr. Farid Zamadar expressed that he is very happy because he has contributed in this large project by selling the land. He also mentions that they have sold the land willingly or there is any pressure or coercive measures. Another 3 owners of land also agreed with Mr. Zamadar and added that they have received the agreed amount of money in their bank account as the price of the land. The total amount they received is Rs. 14,622,398/-.

Details of Purchased Land

SI No.	Parcel No./ Khasra No.	Name of Land sellers	Purchase land area (in decimal)	Amount Paid in INR	Income generating asset lost due to project work	Any adverse impact faced by the land sellers due to loss of land
1	JL No- 26,	Farid Zamadar	178	14,622,398/-	Nil	Nil
2	Dag no-963,	Nazrul Ishlam				
3	Khatian no- 1057,	Saidul Ishlam				
4	1171, 1172 & 1173	Saidul Ishlam				

Mr. Pintu Naskar, Junior Engineer PHED gave vote of thanks to the land seller, all participants and Mr. Nawab Ali (Third party) for warm hospitality and sharing their valuable time. Finally, he announces ended of the meeting.

West Bengal Drinking Water Sector Improvement Project (WBDWSIP)

ATTENDANCE SHEET

Programme : Third Party Certification

Venue/ Place : Haroa.

Date : 13-07-2021

Time: 1:30 P.m.

Sl. No	Name of the Participants অংশগ্রহণকারীর নাম	Age বয়স	Sex লিঙ্গ	Cast জাতি	Designation পদ	Contact No ফোন নং	Signature স্বাক্ষর
1	Nawab Ali	54	M	Gen	Teacher.	9732874352	N. Ali
2	সিদ্ধান্ত রায়	56	M	Gen	Land owner	9932875910	সিদ্ধান্ত রায়
3	Naguel Islam	37	M	Gen	Land owner.	9732692448	Naguel Islam
4	Fauil Zamela	45	M	OBC.	landowner	9732780777	F. Zamela
6	Runa Bibi	43	F	Gen	Land owner	9733939910	Runa Bibi
6	Sakil Harve	23	M	OBC	Villager	1059864922	Sakil Harve
7	Pintu Maska.		M	Gen	Jr. Engineer. PHE	9051931695	Pintu Maska.
8	Rohan Kumar.	32	M	Gen.	Support staff Environment DSISC Incharge	7364804746	Rohan Kumar.
9	Dilip Ray	59	M	OBC	Support staff Social Incharge DSISC	9933996977	Dilip Ray
10							
11							

PHOTOGRAPH



Mr Farid Zamadar (Land Seller)



Nazrul Ishlam (Land Seller)



Saidul Ishlam (Land Seller)



Runa Bibi (Land Seller)



Discussion during the Third Party Certification process



Signing by the land owner to certify the Third Party



Discussion & sign during the Third Party Certification process



Third party signing the certification

2. Bhangar Ground Level Reservoir Site

Details of Affected Plots, Consent letters from landowners signifying willingness to sell, Land ownership records

Table A 5 : Details of Identified Plots, Ownership, Land Sellers

PlotNo.	Area in decimals	Owner(s)	No. of affected land owners	No. of household members (including landowners)
1133/1135	11	Ibrahim Molla	1	4 (Ibrahim Molla's family)
1135	7	Md. Eachha Ali Molla	1	2 (Eachha Ali Molla's family)
1133/1134	71	Alamgir Mallik + 4 (Nur Ishlam Mollik, Sukur Ali Mollik, Nizamuddin Mollim, Saiful Mollik/Saiful Islam Mollik)	6	Alamgir Mallik = 5 Nur Ishlam Mallik = 6 Sukur Ali Mallik = 6 Nizamuddin Mallim = 5 Saiful Mollik/Saiful Islam Mallik = 4
1133/1134	31	Alamgir Mallik & Rezina Khatun		Rezina Khatun = (4) same as Ibrahim Molla as Rezina is W/O Ibrahim Molla
Total	120		8	32

Note: 1.20 acres = 3.63bigha, indicated as land requirement by PHED for GLSR cum intermediate booster stations.

Appendix 15 : Third Party Certification of GLSR Site at Bhangar II (Satuli Bazar)

এতদ্বারা প্রত্যয়িত করা যাইতেছে যে
 শ্রী/শ্রীমতি হুমায়ুন কবীর হুসেন
 পেশা বিদ্যার্থী
 পদ সহকারী সেরাভাস্কর মাস্টার, দ্বিতীয় শ্রেণী
 ঠিকানা ১৭৭- গুলিবাড়ী, পলাশবাড়ী, ঢাকা-১২১৩

স্বাধীন তৃতীয় পক্ষ হিসাবে নিবেদন করা হইল। তিনি প্রথম পক্ষ (জনস্বাস্থ্য করিগরি দপ্তর, যাহার জেলা জমি ক্রয় কমিটির মাধ্যমে জমি ক্রয় করিয়াছেন) ও দ্বিতীয় পক্ষের (জমিদার) মধ্যে আলোচনার মাধ্যমে দ্বিতীয় পক্ষ
 শ্রী/ শ্রীমতি শ্রীমতী মনোজা হোসেন
 পিতা শ্রী সৈয়দ মুহাম্মদ হুসেন

দ্বিতীয় পক্ষের জিলায় কান্দা থানার অন্তর্গত মৌজায়
১১৩৬, ১১৩৭, ১১৩৮ নং হাল/সাবেক খতিয়ানের
১২০ নং হাল/সাবেক দাগের
 শর্তক / একর জমির বিক্রয় / দান/ সংক্রান্ত পক্ষটির
 প্রত্যয়িত করিয়া স্বাক্ষর করিবেন।
 ইহা লিপিবদ্ধ হইতেছে যে তৃতীয় পক্ষের নিয়োগ সম্পর্কে এই শংসাপত্রে
 স্বাক্ষরিত প্রথম ও দ্বিতীয় পক্ষের কোন আপত্তি থাকিল না।

তারিখ - ২২/১১/২০২০
 স্বাক্ষর - সৈয়দ মুহাম্মদ হুসেন
 (আধিকারিক, জনস্বাস্থ্য করিগরি দপ্তর)

১। Abulmum Hossain
 ২। Ranjana Khatun
 (জমির মালিক)
 ৩। Abulmum Hossain
 ৪। Abulmum Hossain
 ৫। Abulmum Hossain

স্বাধীন তৃতীয় পক্ষের দ্বারা প্রত্যয়িত শংসাপত্র

অগ্রি হ্রী/ প্রীমতি সাহা চন্দ্র মন্ডল
 ঠিকানা গ্রাম-কালাবাড়ী, পোষি-চুয়াতী, থানা-বাকাইলুৰ, জেলা-দঃ ২৪শিবগা
 আলাপ আলোচনার মাধ্যমে নিম্নলিখিত জমি:
 জেলা - দক্ষিণ ২৪ পর্শনা
 থানা কানাইপুর
 মৌজা - স্যাডলী
 সাবেক/ হালখতিয়ান নং - ৪৩
 সাবেক/ হালদাগ নং - ১২০০, ১১৬৪, ১১০৩
 পরিমাণ - (১-৩৭+০-৭৩+০-১০) - ১১০ শতক/ একর ক্রম/ দান করিবার সময় আমি
 প্রত্যক্ষদর্শী ছিলাম। আমি ইহা প্রত্যয়িত করিতেছি যে -

- ১) বিক্রয় / দান করিবার শক্তি স্বচ্ছ ছিল এবং সমাজের উন্নয়ন প্রকল্পে জমিদাতারা তাদের উপরোক্ত জমি খুশি মনে বিক্রয় / দান পবিত্রে সম্মত হইয়াছেন।
- ২) জমি ক্রয় বা দান করিতে কাহাকেও কোন প্রকার জোর জবরদস্তি করা হয় নাই।
- ৩) জমি বিক্রয়ের ফলে তৃতীয় কোন ব্যক্তির উপর (formal/informal) নেতিবাচক প্রভাব পড়ে নি।
- ৪) জমি হস্তান্তরের খরচ (Registration Fee & Stamp Duty) সম্বন্ধে পক্ষ হইতে প্রথম পক্ষ বহন করিয়াছে, জমিদাতা বহন করে নাই।
- ৫) সমস্ত ব্যাপারে জমিদাতা সম্মতি জানাইয়াছেন, অসীমাসিত কোন কিছু নাই।
- ৬) জমি বিক্রয় / দান করিবার দরুন নিম্নলিখিত বিষয়গুলি সন্ধান করা হইয়াছে এবং স্বার্থ ব্যবস্থা গ্রহণ করা হইয়াছে।
 - সবকয়ি নির্ধারিত মূল্য সঠিক ভাবে পেয়েছি।
- ৭) প্রজেক্ট প্রত্য বক ও জমিদাতার সহিত মিটিং এর খুঁটিনাটি তথ্য সঙ্গে দেওয়া হল। যেখানে আমি সাক্ষী ছিলাম।
- ৮) জমি ক্রয়ের ছবি ও মূলজমিদাতার জমি ক্রয়ের ছবি সঙ্গে দেওয়া হল।
- ৯) জমিদাতার আর্থসামাজিক প্রেক্ষাপটের তথ্য সঙ্গে দেওয়া হল।

তারিখ - 24.11.2020

স্বাক্ষর - সাহা চন্দ্র মন্ডল

স্থান - সচ্ছুরিয়া, তেলবানপুর
গ্রাম লকায়ত

নাম - _____

(তৃতীয় পক্ষ)
 Secretary
 Bhagowarput Gram Panchayat
 Bishnour-II, Panchayat Samity

Third Party appointment Certification

This is to certify that Mr. / Mrs. Maresh Ch. Mondal, Secretary
A Bhagowampur Gram Panchayat, Guchhua, South 24 Pgs.

(profession, designation, address) is appointed as independent third party to verify the process of negotiated purchase of plot no. 45, Reg. No. 1123, 1124, 1125
of Bhongal II Block, South 24 Parganas.

area 120 Dec owned by 1) Ibrahim Molla, 2) Rajina
Khatun 3) Md. Ichhak Molla, 4) Alamgir Mallik
5) Alimot Mallik.

(names of owner) who is a signatory to this certificate. It is also placed on record that none of the signatories to this certificate have any objection to appointment of

Maresh Ch. Mondal
Secretary of Bhagowampur G.P. as third party witness.

Date: 24.11.2020

Officers Concerned PHEI and land owner.

Shyamalendu Debnathikari

Land Owner

- 1) Ibrahim Molla.
- 2) Rajina Khatun
- 3) Md. Ichhak Molla
- 4) Alamgir Mallik
- 5) Alimot Mallik.

Certification by Third Party

I, Maresh Ch. Mondal, so Secretary, Bhagwanpuri
Gram Panchayat, Bhimgan-II, Adil-Kalabau, P.O.-Chhayati, South 24 Pgs.
 (address) certify that I was witness to the process of negotiated purchase (details of plot)
Pl. No. 112, Dag. No. 1123, 1134, 1135 from D. Anubhai Molla,
S. Regina Khator, S. Md. Lathabak Molla, S. Alamgiri,
Mallik, S. Alim, Mallik
 (Land owners names).

I certify that

1. The process of purchase of the said land was transparent; the land owner(s) was/were happy to sell the land/assets for the welfare of the community/subproject activities.
2. No coercion was used in the purchase process.
3. No (formal/informal) third party (associated with the purchase) is negatively affected by the purchase activity.
4. Land transfer costs (registration fee and stamp duty) were borne by the government and not by the owner.
5. All concerns expressed by the owner as agreed were addressed and no pending issues remain.
6. The following mitigation measures were identified and implemented provided to the land owner.
7. Attached are the minutes of the meeting held between project proponents and the land owner and the agreed price value of the purchased land which I was witness to.
8. Attached are the pictures of the land purchased and pictures of the original land owners of the purchased land.
9. Attached is the information of the socio economic background of the land owner(s).

Signed:

Name: Maresh Ch. Mondal

Maresh Ch. Mondal

Date: 24/11/2020 Place: Bhagwanpuri G.P. Office

Encl: Minutes of the meeting held between land owner and project proponents.

দ্বিতীয় প্রকল্পের উদ্দেশ্যে (জনস্বাস্থ্য) কারিগরি দপ্তর ও
জরুরীকাজের অধীনে অজার কার্যনির্বাহী,

স্থান - জগন্নাথপুর গ্রামসঞ্চালক অফিস,

তারিখ - ২৪/১১/২০২০

সময় - দুপুর ১:৩০ ঘটিকা

২৪/১১/২০২০ তারিখে ঢাকা-২ ব্লকের জগন্নাথপুর গ্রাম সঞ্চালক
অফিসে দুপুর ১:৩০ ঘটিকায় দ্বিতীয় প্রকল্পের উদ্দেশ্যে (জনস্বাস্থ্য) কারিগরি
দপ্তর ও জরুরীকাজের অধীনে অজার-অনুস্থিত হয়।

অজায় ১১ জন উপস্থিত ছিলেন, এরমধ্যে ০৬ জন পুরুষ ও ০৫ জন মহিলা,
অতিরিক্তি, জনস্বাস্থ্য কারিগরি দপ্তরের প্রতিনিধি, DSISC & Social
& Environmental safeguard এর support staff, জগন্নাথপুর গ্রাম
সঞ্চালকের সম্মানিত কর্মী ও প্রায়সকলেই অজায় উপস্থিত ছিলেন।

অজার অনুষ্ঠান নিয়ে জনস্বাস্থ্য কারিগরি দপ্তরের প্রতিনিধি মাননীয় স্মারকস্বামী
স্বামী (স্বামী) মহাশয় জানান- West Bengal Drinking Water Section
Improvement Project (WB DNSIP) পরিচালনা সরকার -এর Asian
Development Bank (ADB) র আর্থিক সহায়তা হাওয়া-এক জায়গা-২
নামক সমসস্যের সরকার কর্তৃক আর্থিক সহায়তা বিলুপ্ত পানীয় জল পরিবহন
প্রকল্পের প্রকল্প পরিচালনা গ্রহণ করা হয়। প্রতি পরিবার প্রতিদিন প্রায়শিষ্ট
৭০ লিটার পানি পান্য। প্রতিদিন ২৪ ঘণ্টা পান্য। রাজস্ব ২১৪ এক.
জায়গা ১৭৪ উচ্চ রক্তচাপ নির্মূল হার, ওজার হাওয়া-এক জায়গা-২
তে একই কার্য প্রকল্পের কার্যকর হেঁচি করা হয়। জায়গা পান্যের হেঁচি
পানি সুতিনেতে মাননীয় স্মারকস্বামী (স্বামী, স্বামী) সরকার পান্য ও পান্যকারি
মহিলা কে জায়গার মালিক হার। মাননীয় সরকার প্রকল্পের কার্যকর ১২০ স্তর
পানি -এক করা হয়।

আজকের অজায় দ্বিতীয় সভা হিসাবে নিম্নে মাননীয় অজার সভাপতি, অধ্যক্ষ,
জগন্নাথপুর গ্রাম সঞ্চালক, অতিরিক্তি, জনস্বাস্থ্য কারিগরি দপ্তর, জায়গা-২, জায়গা-২

କୋମ ପ୍ରାୟୋଗ୍ୟା ବା ଉପରଦର୍ଶି ହୁଏତେ ଜାମି ବିକ୍ରମ କାର୍ଯ୍ୟ ନିମନ୍ତ,
 ଜାମିର ସାମିକ ସାବନୋପ ଇସ୍ତାଫିୟା ମାଲ୍ଲା ବାଲୀୟା N ତରା ଅଧିକାର ଜାମି
 ବିକ୍ରମ କାର୍ଯ୍ୟ ନିମନ୍ତ।

ସାବନୋପା ରେସିନା ସାତୁନ ବାଲୀୟା ଅବକାର ବାହାସ୍ତାବର କାଢ଼ି ବାମି ବିକ୍ରମ କାର ତରା
 ହୁଏତେ, କୋମ ପ୍ରାୟୋଗ୍ୟା ବା ଉପରଦର୍ଶି ହୁଏତେ ଜାମି ବିକ୍ରମ କାର୍ଯ୍ୟ ନିମନ୍ତ ,

ଜାମିର ତରା ସାମିକ ସାବନୋପ ଆଲମ୍ବୋର ସାମିକ ଓ ଆସିନିୟୁର ସାମିକ ବାଲୀୟା,
 ତାହା ବିକ୍ରମ କରା ସାମିକ ଆସିନିୟୁର ମୁକ୍ତ ବାଲୀୟା ବାଲୀୟା ହୁଏତେ ବାଲୀୟା ରାତ,
 ବାଲୀୟା ତରା ତାହା ହୁଏତେ ଜାମି ବିକ୍ରମ କାର୍ଯ୍ୟ ନିମନ୍ତ।

ସାବନୋପ ଇସ୍ତାଫିୟା ବାଲୀୟା, ବାମିର ଆସିନିୟୁର ସାମିକ ବାଲୀୟା, ବାମିର ନିର୍ବାସିତ ହୁଏତେ
 ତରା ମୋସ୍ତାଫିୟା ବାଲୀୟା ହୁଏତେ ହାମ୍ପ ହାତ।

ଅସିନିୟୁର ଅବକାର କାର୍ଯ୍ୟ ନିମନ୍ତେ ଅବକାର ବାଲୀୟା ହା, କୋମ୍ପାଣ୍ଡ କାର୍ଯ୍ୟ ନିମନ୍ତେ ହୁଏତେ
 ପ୍ରାୟୋଗ୍ୟା, କୋମ୍ପାଣ୍ଡ କାର୍ଯ୍ୟ ନିମନ୍ତେ ହୁଏତେ ଅବକାର ଅସିନିୟୁର ଅବକାର ବାଲୀୟା
 ବିକ୍ରମ ବାଲୀୟା ବାଲୀୟା ଅବକାର ହୁଏତେ ବାଲୀୟା ଅବକାର ଅସିନିୟୁର ବାଲୀୟା ବାଲୀୟା,

Minutes of the meeting with the Land Seller of Ground Level Reservoir of Sutali Mouza, Bhanagr II, Package No. "WBDWSIP/DWW/NCB/N-24P/01/2017-18" for the purpose of Third Party Certification.

Date: 24.11.2020

Venue: Bhagowanpur Gram Panchayat Office

P.S: Kashipur

Time: 1.30pm- 2.30pm

A meeting was held on 24th November, 2020 at 1.30 pm with the land sellers of "Ground Level Reservoir of Sutali, Bhgowanpur Gram Panchayat, Bhanagr II block, South 24 Parganas Package no WBDWSIP/ DWW/ NCB/ N-24P/ 01/ 2017 – 18". The meeting was held in the presence of Land sellers, Representative of PHED, Representative of Support Staff-Social and Environmental safeguard-DSISC-N24Pgs, Secretary of Bhagowanpur Gram Panchayat, workers of Gram Panchayat and other villagers.

19 participants were presents in that meeting, in which 3 participants were female.

Mr. Mahesh Chandra Mondal, Secretary of Bhagowanpur Gram Panchayat, Bhagowanpur was appointed as the Third Party.

Representative of PHED, Mr. Shyamalendu Debadhikari started the meeting with statement on detailed objectives of the project, West Bengal Drinking Water Sector Improvement Project (WBDWSIP) which will supply the 70 litter potable water through metered house connection on 24/7 basis with the help of Govt. of WB and ADB. All the education centers, commercial places, religious places, cooperatives, health centers are also included as beneficiaries. This project will provide safe Arsenic free drinking water to reduce health problem and will use surface water to save ground level water of the State. For smooth functioning of drinking water distribution, one Ground Level reservoir, 21 Overhead Reservoir at Haroa and one Ground level Reservoir, 17 Overhead Reservoir at Bhangar II will be constructed. And 2 GLR will be constructed at Haroa and Bhangar II to reserve the Water. Which will be connected to Water Treatment Plant and supply water to every Overhead reservoir.

He thanked all land sellers as they have helped the project by selling their land to the Govt. of WB for construction of the Ground Level Reservoir. This meeting was organized as per ADB norm for Third Party Certification of land purchase process.

Mr. Mahesh Ch. Mondal, Third Party, asked the land sellers that if they have sold the land willingly or there is any pressure or coercive measures. In reply Mr. Ibrahim Molla (one of the land seller) declared that they have willingly sold the land to the Govt. of West Bengal for the project of drinking water which has immense social implication. Mrs Rejina Khatun (another land seller) told that they have received the agreed amount of money in their bank account as the price of the land. They were not forced or faced any pressure from any quarter to sell the land. Land sellers also reveal that they are very happy to know that they are also a part of this big project.

Details of Purchased Land

SI No.	Parcel No./ Khasra No.	Name of Land sellers	Purchase land area (in decimal)	Amount Paid in INR	Income generating asset lost due to project work	Any adverse impact faced by the land sellers due to loss of land
1	JL No- 49, Dag no- 1133, 1134 & 1135	Ibrahim Molla,	120	1577030	Nil	Nil
2		Rejina Khatun		2370060	Nil	Nil
3		Md. Ichhahak Molla		1053360	Nil	Nil
4		Alamgir Mallick		2297830	Nil	Nil
5		Alinoor Mallick		10705147	Nil	Nil

Mr. Shyamalendu Debadhikari, Junior Engineer PHED gave vote of thanks to the land seller, all participants and Mr. Obaidur Rahaman (Third party) for warm hospitality and sharing their valuable time. Finally, he announces ended of the meeting.

PHOTOGRAPH



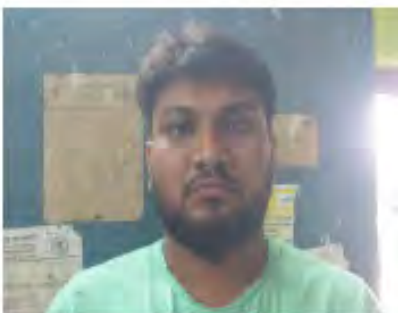
Ibrahim Molla (Land Seller), S/o of Yeachin Ali Molla



Alamgir Molla (Land Seller), S/o of Md. Ali Mallick



Rejina Khatun (Land Seller), D/o Yunus Biswas



Alinoor Mallick (Land Seller), S/o Saifur Mallick



Ichhahak Molla (Land Seller), S/o Yeachin Ali Molla

Minutes of the meeting with the Land Seller of Ground Level Reservoir of Satali Mouza, Bhanagr II, Package No. "WBDWSIP/DWW/NCB/N-24P/01/2017-18" for the purpose of Third Party Certification.

Date: 24.11.2020

Venue: Bhagowanpur Gram Panchayat Office

P.S: Kashipur

Time: 1.30pm- 2.30pm

A meeting was held on 24th November, 2020 at 1.30 pm with the land sellers of "Ground Level Reservoir of Satali, Bhagowanpur Gram Panchayat, Bhanagr II block, South 24 Parganas Package no WBDWSIP/ DWW/ NCB/ N-24P/ 01/ 2017 – 18". The meeting was held in the presence of Land sellers, Representative of PHED, Representative of Support Staff-Social and Environmental safeguard-DSISC-N24Pgs, Secretary of Bhagowanpur Gram Panchayat, workers of Gram Panchayat and other villagers.

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Representative of PHED, Mr. Shyamalendu Debadhikari started the meeting with statement on detailed objectives of the project, West Bengal Drinking Water Sector Improvement Project (WBDWSIP) which will supply the 70 litter potable water through metered house connection on 24/7 basis with the help of Govt. of WB and ADB. All the education centers, commercial places, religious places, cooperatives, health centers are also included as beneficiaries. This project will provide safe Arsenic free drinking water to reduce health problem and will use surface water to save ground level water of the State. For smooth functioning of drinking water distribution, one Ground Level reservoir, 21 Overhead Reservoir at Haroa and one Ground level Reservoir, 17 Overhead Reservoir at Bhangar II will be constructed. And 2 GLR will be constructed at Haroa and Bhangar II to reserve the Water. Which will be connected to Water Treatment Plant and supply water to every Overhead reservoir.

He thanked all land sellers as they have helped the project by selling their land to the Govt. of WB for construction of the Ground Level Reservoir. This meeting was organized as per ADB norm for Third Party Certification of land purchase process.

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Discussion & sign during the Third Party Certification process



Discussion & sign during the Third Party Certification process



Discussion & sign during the Third Party Certification process



Discussion & sign during the Third Party Certification process

ATTENDANCE SHEET

Programme - Third Party Certification
 Venue/ Place - Bhagawanpur Gram Panchayat Office,
 Date - 24.11.2020
 Time - 1:30 Pm

Sl. নং	Name of the Participants অংশগ্রহণকারীদের নাম	Age বয়স	Sex লিঙ্গ	Caste জাতি	Designation পদ	Contact no ফোন নম্বর	Signature স্বাক্ষর
1	Mahesh Chandra Mondal	48	M	SC	Secretary	9903524439	[Signature]
2	Braja gopal Shee	51	M	Gen	Exe. Assf.	8017356427	[Signature]
3	Aruna Roy	42	M	OBC	Sahayak	7001789175	[Signature]
4	Ibrahim Molla	42	M	OBC	Land owner	9836150575	[Signature]
5	Nayanendu Bikash Naskar	42	M	SC	Ni S.	9051236970	[Signature]
6	NAZMUL HAQUE	24	M	OBCA	AGRS	9647772021	[Signature]
7	Sumantra Adhikari	40	m	Gen	Contractor	7866812906	[Signature]
8	[Signature]	30	M	-	Land owner	9836306154	[Signature]
9	[Signature]	37	M	OBC	Land owner	9735376545	[Signature]
10	Rejina Khatun	34	F	OBC	Land owner	8001033763	[Signature]

Sl. নং	Name of the Participants অংশগ্রহণকারীদের নাম	Age বয়স	Sex লিঙ্গ	Caste জাতি	Designation পদ	Contact no ফোন নম্বর	Signature স্বাক্ষর
11	Samsad Khatun	28	F	OBC	Villagers	6291107027	Skhatun
12	Swriya Yeasmin	35	F	OBC	Villagers	6290534474	Swriya Yeasmin
13	Noor Mohammad Grain	30	M	Gen.	Villagers	9836370751	Noor Mohammad Grain
14	MD USMAN ALI	39	M	GEN	Villagers	9674342912	Usman Ali
15	Md Akbar AL Mella	47	M	GEN	Villagers	9732996817	Akbar
16	Abrooy Mallox.	25	M	GEN	Land Owner	9051684765	Abrooy
17	Dilip Kumar Das	58	M	OBC	Support Staff, Social Safeguard, DSISE	9933996977	Dilip
18	Priyowish Saha	28	M	SC	Support Staff, Environ- ment Safeguard-DSISE	8373003438	Priyowish
19	Shyasmalendu Debraathikari	48	M	Gen	JE, PIU, North 24 Pgs WBDA&P.	9932722770	Shyasmalendu
20							
21							
22							
23							
24							
25							

Appendix 16 : Profile of Land Sellers in Bhangar II Ground Level Reservoir Site

Table A : Details of Identified Plot

Plot / Dag No.	Land Record/Khatian No./ JI No.	Type of Land and its present use	Total Area of affected plot	Percentage of Land to be used for Construction (Against Total Plot Area)	Total Land Holdings of The Person (other Than Affected Plot)	Percentage of Land to be used for Construction (Against Total Land Holding)	Type of Loss
1133, 1134/1135	49	Vacant land	1.20Acres (3.63Bighas) (72.6Cottahs)	100%	11.570 Acres (35 Bighas) (700 Cottahs)	10%	Land and fruit trees

Table B : Socioeconomic Profile of Land Sellers

Name of Affected Person	Education Level	Primary Occupation of Respondent (Affected Person) Specify	Stated Income of Respondent (Affected Person) Specify Monthly or Annual (₹)	Income Sources of Household Specify Type	Total HH Income from all Sources and for all Earnings Members Specify Monthly or Annual (₹)	Income from Affected Land Specify Monthly or Annual (₹)	No. of HH Members
Ibrahim Molla	X	Land Based (Agriculture – Share of Crop received from Share cropper, Horticulture-Sale of Mangoes, Pisciculture– Sale of Fish)	15,000/- Per Month	Business	15,000/- Per Month	10,000/- Annually (Shared By All Owner Households)	4
Echa Ali Molla	VIII	Land Based (Agriculture – Share of Crop received from Share cropper, Horticulture-Sale of Mangoes, Pisciculture– Sale of Fish)	10,000/- Per Month	Business	10,000/- Per Month		2
Alamgir Mallik	IX	Land Based (Agriculture – Share of Crop received from Share cropper, Horticulture-Sale of Mangoes, Pisciculture– Sale of Fish)	8000/- Per Month	Business	8000/- Per Month		5
Rezina Khatun	-	Wife of Ibrahim Molla	-	-	-	-	-

Note: ALAMGIR MALIK (sl.no.3) has obtained registered power of attorney from 4 brothers, the other legal heirs of the plot. Ibrahim Molla (husband of Pradhan of Bhagabanpur Gram Panchayat, Regina Khatun, who is also part owner), Alamgir Malik, Echa Ali Molla and Rezina Khatun are the present legal owner / heir of the plot and they have given NOC for selling the land.

Table C : Socioeconomic Profile of Land Sellers

Name of Land Seller	Caste / Tribe / Community	Whether BPL Card Holder, Elderly, WHH Hold, SC / ST HH, Disabled Headed Household / Illiterate HH Head	Type of House	No of Rooms	Area of House	Vehicle/ Refrigerator/Mobile Phone/Other property ownership	Whether Willing to sell land of their own accord
Ibrahim Molla and his wife RezinaKhatun (another part owner)	General (Muslim)	No	Pucca	3	4 Decimal	Car, Bike, TV, Fridge, House	Yes
Echa Ali Molla	General (Muslim)	No	Pucca	2	4 Decimal	Car, Bike, TV, Fridge, House	Yes
AlamgirMallik	General (Muslim)	No	Pucca	4	1 Bigha	Car, Bike, TV, Fridge House	Yes

Appendix 17 : Profile of Land Sellers in Haroa Ground Level Reservoir Site

Table A: Details of Identified Plot

Plot/Dag No	Land Record/ Khatian No./JL No.	Type of Land and Its Present Use	Total Area of Affected Plot	Total Area Required for Construction	Affected Plot Area Percentage (Against Total Plot Area)
763/1172/1057	26	Vacant land brick field	2.06Acres 6.24Bigha 124.84Cottah	1.78 Acres (5.38 Bigha)	86%

Table B: Socioeconomic Profile of Land Sellers

Name (Part Owner)	Education Level	Primary occupation of respondent (affected person)	Income of respondent (affected person)	Income sources of household	Total HH Income from All sources and for all earnings members	Income from affected land	No. of household members
Farid Zamedar	Graduate	Business (Contracting, Fish Merchant)	30,000/-Per Month	Business,	30,000/-Per Month	26,600/-Per Annum	4
Nazrul Islam	XII	Service	15000/- Per Month	Service + Agriculture	22500/- Per Month	30,000/- Per Annum	4
Runa Bibi	VIII	House Wife	-	Fishery	32000/- Per Month	60000/- Per Annum	5
Sahidul Islam	X	Agriculture & Business	28000/- Per Month	Agriculture	35000/- Per Month	40000/- Per Annum	5

Table C: Profile of Land Sellers

Name	Caste/ Tribe/ Community	Whether BPL card holder, elderly, woman-headed household, SC/STHH, disabled headed household / illiterate HH head	Type of house	No. of rooms	Area of house	Vehicle/ Refrigerator/ Mobile Phone/Other Property Ownership	Whether willing to sell land of their own accord
Farid Zamedar	General (Muslim)	No	Pucca	4	3 Cottah	Bike, Tv, Fridge	Yes
Nazrul Islam	General (Muslim)	No	Pucca	3	8 decimals	Bike, Tv, Fridge	Yes

Name	Caste/ Tribe/ Community	Whether BPL card holder, elderly, woman-headed household, SC/STHH, disabled headed household / illiterate HH head	Type of house	No. of rooms	Area of house	Vehicle/ Refrigerator/ Mobile Phone/Other Property Ownership	Whether willing to sell land of their own accord
Runa Bibi	General (Muslim)	No	Pucca	12	6 cottah	Bike, Tv, Fridge	Yes
Sahidul Islam	General (Muslim)	No	Pucca	4	8 decimals	Bike, Tv, Fridge	Yes

Appendix 18 : The Land Ownership Documents for the WTP

Special Messenger

HIDCO
Dated : 15.5.2019

No. C- 350 /HIDCO/Admn-3577/2018

To
The Principal Secretary to the Government of West Bengal
Public Health Engineering Department, Government of West Bengal,
New Secretariat Building (7th floor), 1, K.S.Roy Road,
Kolkata - 700001

Sub : Request for payment of Rs.329945400/- towards the lease premium in respect of 7.533 acre land in seven different plots of New Town, Kolkata, allotted by WBHIDCO Ltd. on 99 years leasehold, in favour of the Public Health Engineering Department, Government of West Bengal for extension of the capacity of the Water Treatment Plant (WTP) in New Town, Kolkata.

Ref : This office offer letter of allotment no. C-139/HIDCO/Admn-3577/2018 dated : 08.03.2019

Sir,

In inviting a reference to the above, I am directed to say that 7.533 acre land comprised in seven different plots of land in New Town, Kolkata as stated below for the aforesaid purpose as mentioned in subject above have been allotted in favour of Public Health Engineering Department, Government of West Bengal on lease hold for a period of 99 years at a concessional lease premium of Rs.32.99454 crore (rupees thirty two crore ninety nine lakh forty five thousand four hundred) only vide offer of allotment letter no. as referred to above. (copy enclosed for ready reference)

The details of plots as allotted by WBHIDCO in New Town, Kolkata are as below :

1.Plot no.WTP / A 1 - 3.194 acre	4.Plot no.WTP / A 4 - 0.830 acre
2.Plot no.WTP / A 2 - 0.344 acre	5.Plot no.WTP / A 5 - 0.825 acre
3.Plot no.WTP / A 3 - 0.079 acre	6.Plot no.WTP / A 6 - 0.321 acre
7. Plot no. DH-5/1 - 1.94 acre	
Total = 7.533 acre	

Such payment of the said amount of Rs.32,99,45,400/- (rupees thirty two crore ninety nine lakh forty five thousand four hundred) only may kindly be arranged to be made in Demand Draft / Pay Order in favour of WBHIDCO Ltd. Payment may also be made to online transfer (RTGS / NIFT) in the bank account of WBHIDCO Ltd. as detailed below :-

a) Account Holder - WBHIDCO Ltd.
b) Bank and Branch - **Andhra Bank, Rajarhat Branch**, Kolkata - 700156.
c) IFS Code - ANDB0002324
d) Account No. - 232411100000885 .

This is for your kind information please.

Encl : As above.

No. C- 350/1 /HIDCO/Admn-3577/2018
Copy forwarded for information to :
The Chief Engineer & Project Director, PMU, WBDWSIP, PHE Dte., New Secretariat Building, Kolkata - 700001 - with the request to please arrange for making payment as stated above.

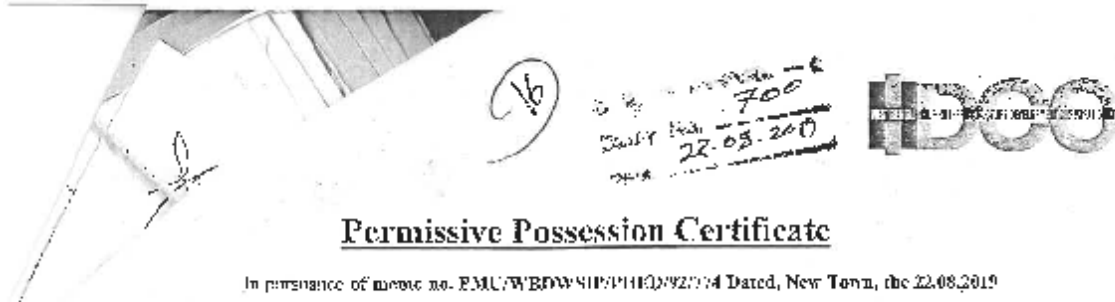
Yours faithfully
[Signature]
General Manager (Commercial)
Dated : 15.5.2019

[Signature]
General Manager (Commercial)

Department
Govt. of West Bengal

WEST BENGAL HOUSING INFRASTRUCTURE DEVELOPMENT CORPORATION
(A Govt. of West Bengal Undertaking)

premises No.: 35 - 1111, Biswa Bangla Sarani, 3rd Rotary, New Town, Kolkata-700156
Telephone : (033) 2324-6074/6078 Fax No. : (033) 2324-4833/3016/6009, e-mail : wbhidcoltd@gmail.com / info@wbhidco
Website : www.wbhidcoltd.com CIN : U70101WB1999SGC089276



Permissive Possession Certificate


In pursuance of memo no. EMU/WBDWSIP/PHED/92/04 Dated, New Town, the 22.08.2019 of Chief Engineer & Project Director PMU, WBDWSIP, PHE Dto. Govt. of West Bengal, the permissive Possession of the bulk land in plot no. 1) WTP/A1+A1A, measuring about (1.917 Acres+0.878 Acres) 2.795 Acres, 2) WTP/A2, measuring about 0.241 Acres, 3) WTP/A3, measuring about 0.063 Acres, 4) WTP/A4+A4A, measuring about 0.739 Acres+0.105 Acres; 0.843 Acres, 5) WTP/A5, measuring about 0.224 Acres and 6) WTP/A6, measuring about 1.439 Acres in Ardon Arise-3A, Total land Measuring 5.595 Acres under New Town Police Station in favour of Public Health Engineering Department, Government of West Bengal, for establishing of extension of Water Treatment Plant, as per the enclosed drawing No. **HIDCO/PLG/AA-LW-676 (H-2)** dated 25.07.2019, prepared by the Planning Wing of WBHDCO showing the boundary coordinates as properly demarcated by RCC made HIDCO pillars is handed over to authorized person Shri Sudip Kumar Mandal, Executive Engineer, PH, North 24 Parganas, WBDWSIP, Public Health Engineering Directorate and such Permissive Possession of the said plot of land has been taken over by him on behalf of Public Health Engineering Department, Government of West Bengal on this 22nd day of August, 2019. This is however subject to execution and registration of the Deed of Lease of after having full payment of lease premium.

Encl: Coordinate plot Plan No. H/80/12/1/GA-4-TW-476 (B-2) dated 25.07.2019 Prepared by Planning Wing of WBHDCO.

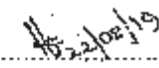
Permissive Possession Handed Over

 Field Supervisor (EM) WBHDCO	 Surveyor (EM) WBHDCO	 Sub Asstt. Engineer (EM) WBHDCO	 Asstt. Engineer (EM) WBHDCO
--	--	---	---

Permissive Possession Taken Over


 Executive Engineer
 PH, N-24 Parganas, WBDWSIP, PHE Dto.
 Govt. of West Bengal
 Shri Sudip Kumar Mandal, Executive Engineer,
 PH, North 24 Parganas, WBDWSIP, Public Health Engineering Directorate

Countersigned


 Estate Manager, WBHDCO

Copy forwarded for information to:

1. Chief Engineer & Project Director, PMU, WBDWSIP, PHE Dto., Govt. of West Bengal
2. General Manager (Admin.), WBHDCO.
3. General Manager (Commercial), WBHDCO
4. Chief Planner, WBHDCO.
5. ES to Hon'ble Chairman, WBHDCO.
6. EA to Joint Managing Director, WBHDCO.

WEST BENGAL HOUSING-INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
(A Govt. of West Bengal Undertaking)

"HIDCO BHABAN", Premises No. : 35 - IIII, Bikra Bangla Sarani, 3rd Rotary, New Town, Kolkata-700156
 Telephone : (033) 2324-6037/6038, Fax No. : (033) 2324-4833/3016/6009, e-mail : wbhidcofd@gmail.com / info@wbhidco.in
 Website : www.wbhdcold.com CTN : U70101WB1999SGC089276



Government of West Bengal
Office of the Executive Engineer
PIU, North 24 Parganas, WBDWSIP, PHE Dte.
Utility Building, Tank No.3, 2nd Floor, Block-AI,
Action Area-1A, New Town, Kolkata-700156

Phone No. : (033) 2324-2051, E-mail : ee.piu24p.acb@wbphed.gov.in

Memo No. 462- /EE(C)PIUN24P,

Dated, New Town, the 22-08-19

Site Handing Over and Taking Over Note for Construction of WTP and Allied Units

The area identified and demarked construction of proposed Water Treatment Plant and allied units as per enclosed drawing No. IIDCO/PLG/AA-3/W-676(R-2) dt.25.07.2019 in Action Area-1A under New Town Police Station is handed over to the contractor, M/s FFL - RIL (JV), having its Corporate Office at 1582, Rajdanga Main Road, Kasba New Market, 7th Floor, Kolkata-700107 for starting of necessary project related activities of Contract "Design, Construction and Operation of Water Treatment Plant, Reservoirs, Transmission Mains and Pumping Stations work in Haroa, Rajarhat and Bhangar-II under Contract package No. WBDWSIP/DWW/N24P/NCE/01/2017-2018" on 22.08.2019.

Details of WTP Plots :

Plot No.	Area (in Acres)	Total Area (in Acres)
i) WTP/A1 + A1/1	1.935 + 0.828 = 2.763	5,593 Acres
ii) WTP/A2	0.241	
iii) WTP/A3	0.083	
iv) WTP/A4 + A4/1	0.739 + 0.104 = 0.843	
v) WTP/A5	0.224	
vi) WTP/A6	1.439	

Other sites under this contract package are in the process of handing over.

Site Handing Over

[Signature]
 Assistant Engineer
 PIU, N-24 Pgs., WBDWSIP, PHE Dte.
 Govt. Of West Bengal
 for WBPHEd

Site Taken Over

[Signature]
 for FFL - RIL (JV)
 22/8/19

Enclosed : Photo copy of plot plan for WTP areas (01no.) as mentioned above.

Memo No. 462/19 /EE(C)PIUN24P,

Dated, New Town, the 22-08-19

Copy forwarded for information to :-

- 1) The Superintending Engineer, P.I.U., North-24 Parganas, WBDWSIP, P.H.E. Dte.
- 2) The Executive Engineer, P.I.U., North-24 Parganas, WBDWSIP, P.H.E. Dte.
- 3) Ms. Riya Sengupta / Sri Santrat Banerjee, Junior Engineer, P.I.U., North-24 Pgs., WBDWSIP, P.H.E. Dte.
- 4) The Team Leader, DSIS, North 24 Parganas
- 5) The Project Manager, M/s FFL - RIL (JV).

[Signature]
 Assistant Engineer
 PIU, N-24 Pgs., WBDWSIP, PHE Dte.

Appendix 19 : The Land Handover Documents for the Boosting Station-1



Government of West Bengal
Office of the Executive Engineer
PIU, North 24 Parganas, WBDWSIP, PHE Dte.
Utility Building, Tank No.3, 2nd Floor, Block-A1,
Action Area-1A, New Town, Kolkata-700156
Phone No. : (033) 2324-2051, E-mail : ee.piun24p.adb@wbphed.gov.in

Memo No. 316/A/EE(PIU)N24P. Dated, New Town, the, 04-03-2020

Site Handing Over and Taking Over Note for Construction of Boosting Station-I and Allied Units

The area identified and demarcated construction of proposed Boosting Station-I and allied units as per enclosed drawing No. HHDGO/PLG/AA-10/W-670(R-4) dt.17.02.2020 in Action Area-1D under Techno City Police Station is handed over to the contractor, IFIL - RIL (JV), having its Corporate Office at 1582, Rajdanga Main Road, Kasba New Market, 7th Floor, Kolkata-700107 for starting of necessary project related activities of Contract "Design, Construction and Operation of Water Treatment Plant, Reservoirs, Transmission Mains and Pumping Stations work in Haroa, Rajarhat and Bhangan-II under Contract package No. WBDWSIP/DWW/N24P/NCB/01/2017-2018" on 04.03.2020.

Details of Boosting Station-I Plots :

Plot No.	Premises No.	Area (in Acres)
D11-5/1	03/1-0568	1.94 Acres

Other sites under this contract package are in the process of handing over.

Site Handing Over
[Signature]
04/03/2020
Assistant Engineer - I
PIU, N-24 Pgs., WBDWSIP, PHE Dte.
Govt. Of West Bengal
for WBPHEU

[Signature]
04-03-2020
for IFIL-RIL (JV)

Enclosed : Photo copy of plot plan for BS-I areas (01 no.) as mentioned above.

Memo No. 316/A/EE(PIU)N24P. Dated, New Town, the, 04-03-2020


Copy forwarded for information to :-

- 1) The Superintending Engineer, P.L.U., North-24 Parganas, WBDWSIP, P.H.E. Dte.
- 2) The Executive Engineer, P.L.U., North-24 Parganas, WBDWSIP, P.H.E. Dte.
- 3) Ms. Riya Sengupta, Junior Engineer, P.L.U., North-24 Pgs., WBDWSIP, P.H.E. Dte.
- 4) The Team Leader, DSISC, North 24 Parganas.
- 5) The Project Manager, IFIL-RIL (JV).

[Signature]
05/03/20
3200
05/03/20
Time - 12:37 pm

[Signature]
04/03/2020
Assistant Engineer - I
PIU, N-24 Pgs., WBDWSIP, PHE Dte.

Appendix 20 : The Land Handover Document for the GLSR at Bhangar II



Government of West Bengal
Office of the Executive Engineer
PIU, North 24 Parganas, WBDWSIP, PHE Dte.
Utility Building, Tank No.3, 2nd Floor, Block-AI,
Action Area-IA, New Town, Kolkata-700156
Phone No. : (033) 2324-2051, E-mail : ee.piun24p.adb@wbphed.gov.in

*W.T.P
LAND FILE*

Memo No. _____/EE(C)PIUN24P, Dated, New Town, the, _____

Site Handing Over and Taking Over Note for GLSR site

The area identified and demarked for proposed GLSR site for water supply in various zone of Bhangar-II Block as attached herewith is handed over to the Contractor FFIL - RIL (JV), having its Corporate Office at 1582, Rajdanga Main Road, Kasba New Market, 7th Floor, Kolkata-700107 for starting of necessary project related activities of Contract "Design, Construction and Operation of Water Treatment Plant, Reservoirs, Transmission Mains and Pumping Stations work in Haroa, Rajarhat and Bhangar-II under Contract package No. WBDWSIP/DWW/N24P/NCB/01/2017-2018" on 06/10/2020

Details of GLSR Site (Bhangar-II)

Name of Mouza / (JL No.)	Dag No. / Status	Area in Acre
Satuli / (49)	1135 / Private Land	0.10
	1134 / Private Land	0.73
	1133 / Private Land	0.37
Total :		1.20

Other GLSR site is in the process of handing over.

Site Handing Over

[Signature]
06-10-2020

for WBPHEd

Site Taken Over

[Signature]
06-10-2020

for FFIL-RIL (JV)

Enclosed : Site plan for GLSR (01no.) as mentioned above.

Memo No. 700/A/EE(C)PIUN24P, Dated, New Town, the, 06/10/2020

Copy forwarded for information to:- *(site plan enclosed)*

- 1) The Superintending Engineer, P.I.U., North-24 Parganas, WBDWSIP, P.H.E. Dte.
- 2) The Executive Engineer, P.I.U., North-24 Parganas, WBDWSIP, P.H.E. Dte.
- 3) Sri Samrat Banerjee, Junior Engineer, P.I.U., North-24 Pgs., WBDWSIP, P.H.E. Dte
- 4) The Team Leader, DSISC, North 24 Parganas

The Project Manager, FFIL-RIL (JV).

DTL/Gen/Secy/Env
07/10/20

G.M
Plan advice
PPU do about
Survey & Soil Test
Report
File

Content Received
But Not Verified
DSISC/WBDWSIP
Inward No. 4213
Date: 06/10/20
Time: 4:58 PM
Signature *[Signature]*

Assistant Engineer-I
PIU, N-24 Pgs., WBDWSIP, PHE Dte.
06-10-2020

Appendix 21 : The Land Handover Document for the GLSR at Haroa



Government of West Bengal
Office of the Executive Engineer
PIU, North 24 Parganas, WBDWSIP, PHE Dte.
Utility Building, Tank No.3, 2nd Floor, Block-AI,
Action Area-IA, New Town, Kolkata-700156
Phone No. : (033) 2324-2051, E-mail : ee.piun24p.adb@wbphed.gov.in

Memo No. _____/EE(C)PIUN24P,

Dated, New Town, the, _____

Site Handing Over and Taking Over Note for GLSR site

The area identified and demarked for proposed GLSR site for water supply in various zone of Haroa Block as attached herewith is handed over to the Contractor FFIL - RIL (JV), having its Corporate Office at 1582, Rajdanga Main Road, Kasba New Market, 7th Floor, Kolkata-700107 for starting of necessary project related activities of Contract "Design, Construction and Operation of Water Treatment Plant, Reservoirs, Transmission Mains and Pumping Stations work in Haroa, Rajarhat and Bhangar-II under Contract package No. WBDWSIP/DWW/N24P/ NCB/01/2017-2018" on 26.02.2021.

Details of GLSR Site (Haroa)

Name of Mouza / (JL No.)	Dag No. / Status	Area in (Acre)
Nazarnagar / (26)	763 / Private Land	1.78

Site Handing Over

26/02/2021
Assistant Engineer-I (Civil)
PIU, N-24 Pgs., WBDWSIP, PHE Dte.
Govt. of West Bengal
for WBPHEd

Site Taken Over

26/2/2021
for FFIL-RIL (JV)

Enclosed : Site plan for GLSR (01no.) as mentioned above.

Memo No. *135/1* /EE(C)PIUN24P,Dated, New Town, the, *26/02/2021*

Copy forwarded for information to:-

- 1) The Superintending Engineer, P.I.U., North-24 Parganas, WBDWSIP, P.H.E. Dte.
- 2) The Executive Engineer, P.I.U., North-24 Parganas, WBDWSIP, P.H.E. Dte.
- 3) Sri Samrat Banerjee, Junior Engineer, P.I.U., North-24 Pgs., WBDWSIP, P.H.E. Dte
- 4) The Team Leader, DSISC, North 24 Parganas
- 5) The Project Manager, FFIL-RIL (JV).

Content Received
But Not Verified
DSISC/WBDWSIP
Inward No. *4913*
Date: *11/3/21*
Time *4:45 PM* Signature: _____

26/02/2021
Assistant Engineer-I
PIU, N-24 Pgs., WBDWSIP, PHE Dte.

THIS IS THE SITE PLAN UNDER MOUZA - NAJARNAGAR, J.L. NO - 26 (R.S/L.R),
P.O & P.S - HAROA, DIST - NORTH 24 PARGANAS

AS PER PHYSICAL POSITION

PLOT NO	AREA OF PLOT	SUB PLOT	AREA OF SUB PLOT	KHATIAN NO	NAME OF LAND OWNER
971 (R.S) 763(L.R)	792 DECIMAL	A	88.70 DEC	1057, 1171, 1172, 1173	FARID JAMADAR, NAZRUL ISLAM, SAHIDUL ISLAM, RUNA BIBI
971 (R.S) 763(L.R)	792 DECIMAL	B	6.53 DEC	1057, 1171, 1172, 1173	FARID JAMADAR, NAZRUL ISLAM, SAHIDUL ISLAM, RUNA BIBI
971 (R.S) 763(L.R)	792 DECIMAL	C	1.86 DEC	1057, 1171, 1172, 1173	FARID JAMADAR, NAZRUL ISLAM, SAHIDUL ISLAM, RUNA BIBI
971 (R.S) 763(L.R)	792 DECIMAL	D	35.75 DEC	1057, 1171, 1172, 1173	FARID JAMADAR, NAZRUL ISLAM, SAHIDUL ISLAM, RUNA BIBI
971 (R.S) 763(L.R)	792 DECIMAL	E	45.14 DEC	1057, 1171, 1172, 1173	FARID JAMADAR, NAZRUL ISLAM, SAHIDUL ISLAM, RUNA BIBI
			TOTAL 178 DEC		NOT TO SCALE



SIGNATURE OF LAND OWNER	SKETCH BY
<ol style="list-style-type: none"> 1) Farid Jamadar 2) Nazrul Islam 3) Sahidul Islam 4) Runa Bibi 	<p>A. A. Molla Date - 16/12/2020 SURVEYER MD. AKBAR ALI MOLLA VILL-NAJAR NAGER P.O.+P.S.-HAROA DIST-(N) 24 PARGANAS G.M.T. Road P.O. 1, 3492307 MD 01007</p>

Appendix 22 : Way leave permission for alignment of Clear Water Rising Main



No. 58/HIDCO/ED(E)/95(P-1)

Dt. 30.06.2020

To
 The Superintending Engineer,
 P.I.U., North 24 Parganas, WBDWSIP
 Public Health Engineering Directorate
 Govt. of West Bengal


Sub: Design, Construction and Operation-Maintenance of Water Treatment Plant, Reservoirs, Transmission Mains and Pumping Stations work in Haroa, Rajarhat and Bhangar - II - Way leave Permission - Reg.

Way Leave Permission is hereby accorded for laying clear water rising main of 1200 mm dia from existing WTP to existing BS -I as per the route alignment enclosed herewith.

The proposed route has been approved by the Competent Authority of WB HIDCO under the following conditions:

- a) Roads damaged due to open excavation should be restored by PHED as per HIDCO's specification
- b) If any road having dedicated CYCLE LANE is damaged, PHED should construct Grade Separated Cycle Track after completion of their work.
- c) If any other utilities are damaged during pipe laying work. PHED should bear the restoration cost.

Encl : as stated


 Executive Director (Engg.)
 WB HIDCO Ltd.

Copy to:

- i. CE (Civil), WB HIDCO Ltd.
- ii. CE, NKDA
- iii. Addl. Chief Engineer, WB HIDCO Ltd.
- iv. AGM (Plng.), WB HIDCO Ltd.
- v. P.S. to Chairman

Executive Director (Engg.)
 WB HIDCO Ltd.

WEST BENGAL HOUSING INFRASTRUCTURE DEVELOPMENT CORPORATION LTD
 (A Govt. of West Bengal Undertaking)

"HIDCO BHABAN", Premises No. : 35 - 1111, Biswa Bangla Sarani, 3rd Rotary, New Town, Kolkata-700156
 Telephone : (033) 2324-6037/6038, Fax No. : (033) 2324-4833/3016/6009, e-mail : wbhidcoltd@gmail.com / info@wbhidco.in
 Website : www.wbidcoltd.com CIN : U70101WB1999SGC089276



1.00 P.M.
14/2/2020
THDSISE
Work may be taken up in the part only after approval of construction methodology
Ref. letter no. 36/PIU/N-24/PHE Dte. 16.01.2020
12/2/2020
Executive Engineer
 PIU, N-24 Pgs., WBDWSIP, PHE Dte. Govt. of West Bengal

No. 129/HIDCO/ED(E)/149

Dt. 13.02.2020

The Superintending Engineer,
 P.U., North 24 Parganas, WBDWSIP
 Public Health Engineering Directorate
 Govt. of West Bengal
 Utility Building, 3rd Floor (Premises No. 09/1-0024)
 AA-IA (Tank No. 3), New Town, Kolkata - 156

Sub: Design, Construction and Operation-Maintenance of Water Treatment Plant, Reservoirs, Transmission Mains and Pumping Stations work in Haroa, Rajarhat and Bhangar - II - Way leave permission - Reg.

A part of the revised alignment of 1200 mm dia Clear Water Rising Main from WTP to BS - I running through the green area of Bagjola Canal Bank to reach Jatrgachi Bridge on MAR - 1111 has been approved by the competent authority of WB HIDCO. You may initiate your pipe laying work in that stretch only. Regarding the remaining part which has been proposed to be laid through internal road of New Town will require separate approval and it is suggested that route should be further examined so that the road cutting may be kept to the minimum and if possible can be avoided totally.

An intimation may kindly be given during commencement of the work.

Sd/-
 Executive Director (Engg.)
 WB HIDCO Ltd.

No. 129/1(iv)/HIDCO/ED(E)/149 Dt. 13.02.2020

Copy to:

- i. CE (Civil), WB HIDCO Ltd.
- ii. Sr. GM & SE, WB HIDCO Ltd.
- iii. E.E., PIU, N-24 Pgs., WBDWSIP, PHE Dte.
- iv. AGM (Plng.), WB HIDCO Ltd.

Sd/-
 Executive Director (Engg.)
 WB HIDCO Ltd.

3006.

Memo no = 216/EE(C)/P.U.N-24/PHE Dte. 17/02/2020

WEST BENGAL HOUSING INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
 (A Govt. of West Bengal Undertaking)

"HIDCO BHABHA", Premises No. : 35 - 1111, Biswa Bangla Sarani, 3rd Rotary, New Town, Kolkata-700156
 Telephone : (033) 2325-6037/6038, Fax No. : (033) 2324-4833/4916/5009, e-mail : wbhidcoLtd@gmail.com / info@wbhidco.in
 Website : www.wbhidcoLtd.com CIN : U70101WB1999SGC089276

Appendix 23 : Locations of pits in Google Map under Trenchless laying of CWTM



Appendix 24 : : Permission letter for Lower Bagjola Canal crossingPages 01

Government of West Bengal
Irrigation & Waterways Department
Jalasampad Bhawan, Salt Lake - 700 091

Memo No. 63 - IFC
IW/O/IFC-4M-09/2019

Dated: 22nd March, 2022

From: Joint Secretary to the
Government of West Bengal

To: Principal Secretary
Public Health Engineering Department
Government of West Bengal
6th Floor, New Secretariat Building
Kolkata - 700 001

Sub: *Permission for 700 mm dia MS pipeline crossing over Lower Bagjola Canal in New Town (AA-I) under ADB assisted West Bengal Drinking Water Sector Improvement Project.*

Ref: Memo No. PMU/WBDWSIP/PHE/92/391 dated 12.04.2021 of the Chief Engineer (Civil), PMU, WBDWSIP, PHE Directorate.

Sir,

In inviting reference to above, I am directed to convey 'No Objection' of this Department towards construction of one pipe carrying bridge for carrying 700 mm dia MS pipeline over Lower Bagjola Canal near Sanhita Housing Complex in New Town (AA-I), District: North 24 Parganas (Lat: 22°33'01.25" N Long: 88°34'01.45E") for ADB assisted West Bengal Drinking Water Sector Improvement Project, subject to fulfilment of the following conditions prior to execution of the work.

- 1) Proposed pipe carrying bridge for carrying 700 mm dia MS pipeline over Lower Bagjola Canal shall have to be constructed in accordance with the submitted General Arrangement Drawings (GAD). In case of any deviation there from, this Department reserves the right to stop work without any prior notice.

- 2) It is preferable to construct proposed trestle bridges atleast 30 m away from any existing bridge to avoid any hindrances during cleaning operation of the Lower Bagjola Canal.
- 3) Piers of the proposed bridge shall not be constructed within the waterway of the canal by any means. It is preferable to construct the same 4.00 m away from the inner edge of the canal bank.
- 4) Construction of the pipe carrying bridges over Lower Bagjola Canal shall be avoided during Monsoon season and waterway of the channel should not be obstructed by any means.
- 5) Prior intimation shall be served to the Executive Engineer, Metropolitan Drainage Division No.I, Irrigation & Waterways Directorate before commencement of construction activity. After completion of the construction of the proposed pipe carrying bridge over Lower Bagjola Canal, as built drawing shall be submitted to him.
- 6) All damages to existing Canal / Canal Bank shall be made good by 'PHE Dte' upto the satisfaction of Executive Engineer, Metropolitan Drainage Division No.I, Irrigation & Waterways Directorate. Stability of the drainage channel shall be maintained during construction activity. Necessary protection for the stability of the existing bank of the Lower Bagjola Canal shall be taken care during construction.
- 7) All construction wastes shall be disposed outside the Canal area. In case of any deviation there from, this Department reserves the right to stop work without any prior notice.
- 8) Irrigation & Waterways Department shall reserve the right to ask 'PHE Dte' to shift the alignment of the proposed pipeline for any kind of future development work and 'PHE Dte' shall be obliged to shift the same by themselves at their own cost.
- 9) Safety & security of the stated construction as well as its equipments and appurtenants during construction as well as post constructions will be a sole responsibility of 'PHE Dte' authority at all times.

Violation of the above terms & conditions in any manner will lead to cancellation of this 'No Objection'.

Yours faithfully,

Sd/-

(M. Chakraborty)
Joint Secretary to the
Government of West Bengal

Appendix 25 : Permission letter for Link Canal Crossing



EIC Misc.(A-4) Doc. P. 7

No. 212/HIDCO/ENC/50(P-VIII)

Dt. 27.04.2022

✓ To

Chief Engineer (Civil),
Project Management Unit,
West Bengal Drinking Water Sector Improvement Project,
Utility Building, 1st Floor, (Premises No. - 09/1-0024),
AA - IA, (Tank No. 3), New Town, Kolkata - 700 156

Sub: Permission for crossing of 1200 mm dia. Clear Water Rising Main Pipe Line across Link Canal at New Town (Action Area - I) under ADB Assisted West Bengal Drinking Water Sector Improvement Project by construction of pipe carrying bridge.

Ref: PMU/WBDWSIP/PHED/6(P-II)/238 Dt. 17.03.2022

Permission is hereby accorded for construction of Bridge over Link Canal at AA - I to carry the pipes for clear water as proposed in his letter under reference.

He is requested to give necessary instructions to the field staff who will be executing this construction work to keep close contact with the technical team of HIDCO for technical interactions.

[Signature]
Engineer-in-Chief
WB HIDCO Ltd.

No. 212/1/1(iii)/HIDCO/ENC/50(P-VIII)

Dt. 27.04.2022

Copy forwarded for information to:

- i. Chief Engineer, WB HIDCO
- ii. AGM (Plng.), WB HIDCO
- iii. AGM(E) - IV, WB HIDCO

<p>Checked/Retrieved Not Not Verified WBHIDCO/WBDWSIP Inward No. 6278 Date: 02-05-22 Time: 4:50 PM [Signature]</p>
--

Engineer-in-Chief
WB HIDCO Ltd.

WEST BENGAL HOUSING INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
(A Govt. of West Bengal Undertaking)

"HIDCO BHABAN", Premises No. : 35 - 1111, Biswa Bangla Sarani, 3rd Rotary, New Town, Kolkata-700156
Telephone : (033) 2324-6037/6038, Fax No. : (033) 2324-4833/3016/6009, e-mail : wbhidcoltd@gmail.com / info@wbhidco.in
Website : www.wbhidcoltd.com CIN : U70101WB1999SGC089276

Appendix 26 : Permission letter for Bidyadhari River crossing



**Government of West Bengal
Irrigation & Waterways Department
Jalasampad Bhawan, Salt Lake - 700 091**

Memo No. 109 - IFC
IW/O/IFC-4M-09/2019

Dated: 6th May, 2022

From: Joint Secretary to the
Government of West Bengal

To: Principal Secretary
Public Health Engineering Department
Government of West Bengal
6th Floor, New Secretariat Building
Kolkata – 700 001

Sub: Permission for 700 mm dia MS pipeline crossing across river Bidyadhari in Haroa Block under ADB assisted West Bengal Drinking Water Sector Improvement Project.

Ref: Memo No.PMU/WBDWSIP/PHED/92/391 dated 12.04.2021 of the Chief Engineer (Civil), PMU, WBDWSIP, PHE Directorate.

Sir,

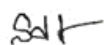
In inviting reference to above, I am directed to convey 'No Objection' of this Department towards laying of 700 mm dia MS pipeline below river Bidyadhari adjacent to Haroa bridge in Haroa block in District: North 24 Parganas by trenchless method (Lat: 22°36'12.30" N, Long: 88°40'35.40 E" and Lat: 22°36'07.40" N, Long: 88°40'34.30 E") for ADB assisted West Bengal Drinking Water Sector Improvement Project, subject to fulfilment of the following conditions prior to execution of the work.

- 1) Proposed laying of 700 mm dia MS pipeline below river Bidyadhari shall be by trenchless method. In case of any deviation there from, this Department reserves the right to stop work without any prior notice.
- 2) Proposed pipe laying work shall be avoided during Monsoon season and waterway of the canal should not be obstructed by any means.
- 3) Prior intimation shall be served to the Executive Engineer, Basirhat Irrigation Division, Irrigation & Waterways Directorate before commencement of construction activity.

- 4) All damages to existing river bank shall be made good by 'PHE Dte' upto the satisfaction of the Executive Engineer, Basirhat Irrigation Division, Irrigation & Waterways Directorate. Necessary protection for the stability of the existing river bank shall be taken care during construction.
- 5) All construction wastes including excavated earth shall be disposed outside the river area. In case of any deviation there from, this Department reserves the right to stop work without any prior notice.
- 6) Irrigation & Waterways Department shall reserve the right to ask 'PHE Dte' to shift the alignment of the proposed pipeline for any kind of future development work and 'PHE Dte' shall be obliged to shift the same by themselves at their own cost.

Violation of the above terms & conditions in any manner will lead to cancellation of this 'No Objection'.

Yours faithfully,


(M. Chakraborty)
Joint Secretary to the
Government of West Bengal

Memo No.109/1(4) - IFC

Dated: 6th May, 2022

Copy forwarded for information and necessary action to the:

1. Chief Engineer (South)
Irrigation & Waterways Directorate
Government of West Bengal
Jalasampad Bhavan, 1st Floor, Saltlake 700 091

- This has reference to his Memo No.2866-C.I. dated 19.04.2022.

2. ✓ Chief Engineer (Civil), PMU, WBDWSIP
Public Health Engineering Directorate
Government of West Bengal
PMU Head Office, Utility Building
1st Floor (Premises No. 09/1-0024)
AA-IA (Tank No. 3), New Town
District: North 24 Parganas, PIN – 700 156

- This has reference to his Memo No.PMU/WBDWSIP/PHED/92/391 dated 12.04.2021.