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IND: West Bengal Drinking Water Sector Improvement Project – Construction of Overhead Reservoirs and Water Supply Distribution System in Bhangar II

Package No. WW/N24P/02B

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

CURRENCY EQUIVALENTS

(as of 11 July 2018) Currency unit = Indian rupee (₹) ₹1.00 = \$0.014 \$1.00 = ₹68.691

ABBREVIATIONS

ADB	-	Asian Development Bank
BPL	-	below poverty line
DDR	-	due diligence report
DSISC	-	design, supervision and institutional support consultant
DMS	-	detailed measurement survey
GOWB	-	Government of West Bengal
ICDS	-	Integrated Child Development Scheme
OHR	-	overhead reservoir
PHED	-	Public Health Engineering Department
ROW	-	right-of-way
TOR	-	terms of reference
WBDWSIP	-	West Bengal Drinking Water Sector Improvement Project

NOTE

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

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I. INTRODUCTION

A. Project Description

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, South 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: Output 1: Climate resilient drinking water infrastructure constructed; and 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 en route 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 project, WBDWSIP, has been divided into subprojects that will undertake Bulk Water Supply and distribution in selected blocks of North 24 Parganas, South 24 Parganas, Bankura and East Medinipur. The subprojects are further sub-divided into packages.

4. The proposed Haroa-Rajarhat-Bhangar subproject in North 24 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 the Rajarhat and Haroa blocks in the North 24 Parganas district, Bhangar I and Bhangar II block of the South 24 Parganas district.² The proposed Haroa-Rajarhat-Bhangar subproject is divided into two major components:(i) procurement of bulk water supply components including WTP, transmission mains, reservoirs and pumping stations in Haroa, Rajarhat and Bhangar II; and (ii) distribution system components comprising 39 overhead reservoirs, laying of distribution network in 37 zones and an estimated 114,800 household connections.

- 5. The subproject has been potentially divided into 3 broad packages:
 - (i) Bulk Water Supply Package related to Construction of Intake, WTP, and Clear Water Reservoir cum Booster Pumping Station (CWR-BS-I), Transmission main from WTP to CWR-BS-I, Construction of GLSR at Haroa and Bhangor-II.
 - (ii) Construction of 21 Overhead storage reservoirs including associated Distribution Network (687842 m) under Haroa block.
 - (iii) Construction of 18 Overhead storage reservoirs including associated Distribution Network (158,944 m) for Bhangar-II block.

¹ The subproject will be financed by proportionate Sub-Mission grant from MDWS, GOWB and ADB funding.

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

B. Scope of this Report

6. This land acquisition and resettlement due diligence report for the proposed package WW/N24P/02B is prepared for (iii) construction of 18 overhead reservoirs (OHRs) and Distribution Network (158,944 m) in the Block of Bhangar under South 24 Parganas. The report is prepared based on the available preliminary design for the package. The due diligence report (DDR) will be updated and reconfirmed for final involuntary resettlement impacts after completion of detailed measurement surveys (DMS) in sections ready for implementation.³

7. A due diligence process was conducted to examine the land acquisition and resettlement issues in detail based on the preliminary design, aligned with ADB SPS, 2009. This report describes the findings and provides copies of relevant documents, community consultations and photographs. This land acquisition and resettlement due diligence report needs to be considered along with the Resettlement Framework prepared for this project.

8. During DMS, involuntary resettlement related impacts will be further assessed and appended accordingly and if required, a resettlement plan may be prepared and shared with ADB for approval. The final document will be reviewed and disclosed on implementing agency and ADB websites. No civil works contract package should be awarded and started before the completion of final document (DDR or Resettlement Plan implementation) for the said package. The implementing agency is responsible to hand over the project land/site to the contractor free of encumbrance.

II. SUBPROJECT DESCRIPTION

A. About the Subproject Area

9. Bhangar II Community Development Block has an area of 162 km². As per Census 2011 of India, Bhangar II Community Development Block has a total population of 157,734. The annual population growth rate in the last decade (2001-2011) was 1.74 percent. The Community Development Block has 10 Gram Panchayats - Bamanghata Beonta - I, Beonta - II, Bhogabanpur, Bhogali - I, Bhogali - II, Chaltaberia, Polerhat - I, Polethat - II, and Shanpukur and 59 inhabited villages. 25. 2 percent of the 301 habitations in Bhagar II Community Development Block are fully covered with safe drinking water which includes both tap water connections and tubewells. It has been reported that 11 percent of the population of the Community Development Block are partly covered with drinking water supply, while 63. 8 percent habitations are deprived of safe drinking water.

B. Subproject Description

10. The Community Development Block of Bhangar II has been divided into 18 proposed water supply zones for distribution of clear water. Each of the water supply zones shall have one Overhead Reservoir along with distribution network. Provision of household connections and domestic metering has been considered under the project.

11. The proposed subproject components under package WW/N24P/02B include - (a) construction of 18 number overhead reservoirs of varying capacities ranging from 250 kiloliters

³ Detailed measurement survey will be jointly conducted by Assistant Safeguards Officer (Social) at the Environmental and Social Safeguards Unit of the concerned PIU, consultants and contractors prior to implementation at each site/stretch of alignment. DSISC and contractor will be responsible for conduct of DMS and DSISC Social Safeguard Specialist will update Resettlement Plans prior to implementation.

(kl) to1000 kl, (b) laying of 158,944 m water supply distribution network pipeline, of diameter ranging from 63 millimeters (mm) to 400 mm in the entire Block of Bhangar II. Details provided in Table 1.

	Project Component	Details
1	Construction of overhead reservoirs (OHRs)	18 OHRs capacities ranging from 250 kl - 1000 kl
2	Laying of clear water distribution network	Length: 158,944 m and diameter ranging from 63 to 400 mm

Table 1: Proposed Subproject Components under Package WW/N24P/02B

kl = kiloliter, m = meter, mm = millimeter, OHR = overhead reservoir.

III. FIELDWORK AND PUBLIC CONSULTATION

A. Outline of Filed Work

12. In July 2017, field inspections were carried out at the proposed subproject site location for the proposed water supply project that includes the locations of the overhead reservoirs and the clear water distribution network. Inspections were carried out along the stretch of the distribution network, especially the market areas - Chariswar Bazar, Hatisala Bazar, Hatisala Teen Mathar More, Paikan Bazar and other areas under the block. The entire land requirement for laying of the clear water distribution network will be fulfilled by government roads - particularly along the right-of-way (ROW) of village roads. Field visits were also conducted to the OHR site locations in the block. The OHRs are proposed on both private and government.

B. Public Consultations

13. Consultations were conducted with key stakeholders and community people in line with the ADB's requirements pertaining to environmental and social considerations. These consultations helped in identifying the felt needs/concerns and apprehensions of the communities related to the project and their priorities. Consultations were held with stakeholders including temporarily affected persons, land sellers, beneficiaries/local people, poorest of poor households (non-titleholders on government land), Gram Panchayat Pradhans, Panchayat members/public representatives, Panchayat officials, Zilla Parishad officials and PHED engineers. Public consultation meetings were held at all the locations with community people, Panchayat Pradhan and Gram Panchayat members (10 locations) at the proposed project locations for OHRs and selected sections of the distribution network. At two of the OHR locations, consultations where the consultations were conducted and the number of participants present during the consultation process. A total of 138 participants attended the consultation meeting out of which 51 (37%) were females.

	Mouza	Gram Panchayat	OHR/ Zone	Total No. of Participants	No. of Female Participants
1	Pithapukuria	Bhagabanpur	B-XIV	10	2
2	Dharmatala Pachuria	Benota - II	B-I	8	4
3	Benota	Benota - I	B-II	no consultatior	ns held
4	Paikan	Benota - II	B-III	10	2
5	Sastyengachi	Polerhat - I	B-IV	18	8
6	Shanpukuria	Soanpukur	B-XI	15	5
7	Joynagar	Polerhat - I	B-VII	12	3

Table 2: Public Consultations held in Different Water Supply Zones in Bhangar - II Block

8	Baniara	Bhogali - II	B-XIII	11	6
9	Katadanga	Bhogali - II	B-XII	10	0
10	Tona	Polerhat - II	B-V	no consultatior	ns held
11	Karmakarpara	Bhogali - I	B-XVII	12	5
12	Naglapalpur	Bhogali - I	B-IX	12	4
13	Majerhat	Shanpukur	B-X	20	12
	Total			138	51

14. The consultations primarily highlighted the proposed developmental interventions, perceived impacts and mitigation measures and public participation during implementation. Community people largely spoke about the insufficient or no availability of potable water for drinking and domestic use, presence of high percentage of iron content in water used by them at present, some of them also complained of the presence of heavy metals like arsenic in ground water that is extracted through hand pumps. They also mentioned that due to the presence of iron in the available water, people purchase water. A single barrel of 20 litres of water costs ₹20 to ₹30 approximately; the average cost of purchasing water is around ₹350 to ₹400 rupees per month. In summer, the expenditure goes up. During community consultations, the team encountered a person suffering from ill health due to arsenic poisoning.

15. Affordability of water tax has been a pertinent question raised both by the Gram Panchayat members and the community - however almost all agreed to pay the water charges if they get the facility of household water connections. They agreed that it will help in reducing time taken for water collection as well health expenditures. The Gram Panchayat members expressed concern regarding the adequacy/sufficiency of OHRs per Gram Panchayat; it was clarified by PHED personnel present during the consultation that as per the command zone/area it covers most of the part and the rest will be covered by nearby OHRs of other Zone. On-time completion of the project was another concern of the Panchayat Members and it was told that the project work will not take longer than 3 years. Creating job opportunities was the other question of the Gram Panchayat Members – it was mentioned that the existing PHE workers will be given first preference, further if there is requirement, then workers from the local community can be employed during the construction phase. Summary of public consultation is provided in Appendix 1.

IV. LAND AVAILABILITY AND RESETTLEMENT IMPACTS

16. The scope of land acquisition and involuntary resettlement is identified based on the field visits to each of the OHR locations and the entire stretch of the distribution pipeline alignment as proposed, in Bhangar II Block under the subproject. No compulsory acquisition of private land is anticipated, as procurement of land for public purpose mainly involving infrastructure projects will be through direct purchase as per a government directive⁴. The entire civil works proposed under the subproject for the distribution network is proposed within the boundaries or ROW of government roads (mainly panchayat roads). No impacts (temporary or permanent) to structures along the government right-of-way or temporary loss of income to shops/businesses is anticipated. However, this will be assessed and reconfirmed after finalization of detailed design and finalization of exact pipe alignment through DMS.

A. Construction of Overhead Reservoirs

⁴ A Memorandum No. 3145-LP/1A-03/14 dated 24/11/2014 issued by Govt. of West Bengal, Department of Land & Land Reforms states in its Section 3 that various departments to go in for direct purchase of land for public purpose mainly involving the early commissioning of infrastructure projects.

17. Under the package 18 overhead reservoirs (OHRs) have been proposed to be constructed for distribution of clear water to the Block of Bhangar II. The land selected for the proposed OHRs with capacities ranging from 100 kl to 1000 kl are both private-owned land and government owned land. Out of the 18 locations, 15 are proposed on privately owned land parcels that will be obtained through negotiated settlement, and one is proposed on government land. The remaining two land parcels (for B-6 and B-8, private land) have been tentatively identified but not yet finalized by PHED; the lands are proposed to be obtained through negotiated settlement and no involuntary land acquisition is anticipated.⁵ This DDR will be updated with details pertaining to these sites, once they are finalized by PHED. Table 3 provides land ownership details of the land parcels where the OHR will be constructed.

					Potential
		Overhead	Land	Land Ownership	Involuntary
Overhead		Capacity	Requirement	equirement (Government/	
Zone	Location	(kl)	(Acres)	Private)	Impacts
B-1	Dharmatala Pancharia	750	0.13	Private land	Nil
B-2	Benota	400	0.11	Private land	Nil
B-3	Paikan	700	0.13	Private land	Nil
B-4	Swastayan Gachhi	450	0.12	Private land	Nil
B-5	Tona	750	0.13	Private land	Nil
		400		Private land	Nil
B-6	Shyamnagar		0.11	identified – site	
				not yet finalized	
B-7	Jaynagar	450	0.12	Private land	Nil
		750		Private land	Nil
B-8	Chandihat		0.13	identified – site	
				not yet finalized	
B-9	Nagla Palpur	300	0.11	Private land	Nil
B-10	Majerhat	500	0.12	Govt. land	Nil
B-11	Sanpukuria	500	0.12	Private land	Nil
B-12	Katadanga	600	0.13	Private land	Nil
B-13	Baniara	500	0.12	Private land	Nil
B-14	Pithapukuria	1000	0.16	Private land	Nil
B-15	Kuchua	1000	0.16	Private land	Nil
B-16	Jawarpur	1000	0.16	Private land	Nil
B-17	Bhogali	350	0.11	Private land	Nil
B-18	Hatgachia	450	0.12	Private land	Nil

Table 3: Details of Overhead Reservoirs under the Subproject

18. Land potentially identified for the overhead reservoirs are mostly private land parcels - the owners of these land parcels have been consulted and they have agreed to sell the land. The parcel of land will be purchased from the land owners at a negotiated and agreed price. The steps/process for the negotiated purchase as given in the Resettlement Framework prepared for the project and Government of West Bengal's land purchase policy will be followed. An independent Third Party will be engaged by PHED to document and endorse the negotiated

⁵ If the landowners of the identified sites for B-6 and B-8 do not give consent for sale, alternate land will be identified. As per current practice, Government of West Bengal procures land only through negotiated purchase.

settlement process. Socio-economic profile of the land owners is given in Appendix 2. None of the land sellers have been identified as below poverty line (BPL).⁶

19. The land area required for the construction of the OHRs ranges from 320 m² to 650 m² depending on the capacity of the reservoirs. Table 4 provides details of the standard land area required for the construction of OHRs of varied capacities.

Die <u>4. Lanu Area Requir</u>		on of Overneau Reser
Overhead Reservoir		Standard Total
Capacity	Foundation Area	Land Area Required
(kl)	(m²)	(m ²)
100	87	320
250	165	400
300	189	420
350	209	440
400	209	440
450	241	470
500	241	470
600	314	540
700	314	540
1000	415	650

Table 4: Land Area Required for Construction of Overhead Reservoirs

20. No involuntary land acquisition or resettlement impact is anticipated due to the construction of OHRs. The government land is free of any encroachers.

B. Laying of Distribution Network

21. The distribution pipelines for supplying clear water from the OHRs will be laid along the ROW of public roads. Total length of 158,944 m of distribution pipelines will be laid in Bhangar II block. No potential temporary impact anticipated. The diameter of pipeline ranges from 63 mm to 400 mm depending on the road width that vary between 6 m to 10 m. Table 5 provides details of the distribution network. Impacts due to pipelaying activity will be assessed and reconfirmed after finalization of detailed design and finalization of alignment of the distribution pipelines through DMS.

	Table 5: Details of Distribution Network									
	BHANGAR-II Water Distribution Pipe Summary						Total			
Revised			Pipe	Diamete	rs					Length
Zone ID	63	80	100	150	200	250	300	400	500	
Zone -B1	38,705	11,006	13,050	12,794	215	5,185	29	47	0	81,031
Zone -B2	14,210	12,382	15,235	3,347	1,753	115	0	0	0	47,042
Zone -B3	18,729	10,051	3,163	13,531	2,335	822	62	0	0	48,693
Zone -B4	8,645	6,602	4,455	4,376	0	1,518	40	0	0	25,636
Zone -B5	17,581	4,601	7,232	6,156	371	3,526	222	35	0	39,724
Zone -B6	6,952	5,689	3,600	4,324	1,098	0	54	0	0	21,717
Zone -B7	9,927	8,430	1,132	1,345	901	896	40	0	0	22,671

⁶ The Planning Commission, Government of India, in its Press Note on Poverty Estimates, 2011-12 and Reserve Bank of India, specifies rural poverty line for West Bengal to INR 783 per capita per month based on computation as per Tendulkar Method on Mixed Reference Period (MRP). The rural poverty line in West Bengal have been adjusted to ₹1090.72 for average inflation at 6.55% per annum between 2012 to 2017; Government of India. Planning Commission. 2013. Press Note on Poverty Estimates, 2011-12; Reserve Bank of India. India's Central Bank. Handbook of Statistics on Indian Economy; Inflation.eu. Historic Inflation of India – CPI Inflation.

	BHANGAR-II Water Distribution Pipe Summary						Total			
Revised			Pipe	Diamete	rs					Length
Zone ID	63	80	100	150	200	250	300	400	500	
Zone -B8	16279	9285	10668	8987	1612	2717	451	44	0	50,043
Zone -B9	5,721	4,660	1,926	1,499	153	48	0	0	0	14,007
Zone -B10	12,360	1,697	6,207	5,808	66	2,506	47	0	0	28,691
Zone -B11	7,212	4,577	2,217	2,266	1123	1,385	40	0	0	18,820
Zone -B12	9,173	6,287	6,273	3,791	257	2,502	569	0	0	28,852
Zone -B13	28,019	3,930	9,146	2,152	363	279	47	0	0	43,936
Zone -B14	36,165	7,721	8,140	5,116	1,407	1,483	1,432	52	0	61,516
Zone -B15	36,824	5,717	10,580	19,672	2,640	4,730	2,039	341	32	82,575
Zone -B16	22,696	5,111	6,018	5,884	60	4,045	8	32	0	43,854
Zone -B17	5,653	6,231	4,301	1,660	40	2,325	0	0	0	20,210
Zone -B18	17,630	12,847	3,135	1,822	1,912	1,056	7	0	0	38,409
Total	312,481	126,824	116,478	104,530	16306	35,138	5,087	551	32	158,944

22. Visit to the distribution network locations with PHED designs indicated that the impact on traffic and roadside business activities (shops, markets), especially in congested areas of the block, will be minimized by laying of pipelines with appropriate diameters depending upon the road width. Field visits conducted at some of the congested areas of Bhangar II confirms the assessment of no anticipated impacts, based on preliminary design (Table 6).

Name of the Road	Name of Gram Panchayat	Width of Road	Dia of Pipe to be Laid	Trench width for laying of Pipeline
	ranonayat	(m)	(mm)	(m)
Kendua To Malancha Via Patrapara	Gopalpur - II	5.00	· · · ·	550
Madartala Auto Stand to Gopalpur Kali Mandir	Gopalpur - II	3.00	300	500
Haroa to Gopalpur Kali Mandir	Gopalpur - II	5.00	350	550
Dhanpota Bazar Road	Polerhat	6.00	350	550
Polerhat Kashipore to Shyamangar Market	Polerhat	3.00	200	400
Tona Kamarbari Road	Polerhat	6.00	350	550
Sir Ramesh Chandra Road (Rajarhat to Haroa)	Polerhat	5.00	350	550
Polerhat Market Road	Polerhat	5.00	350	550
Gabtala Market Road	Chaltaberia	5.00	400	600
Shanpukur Road Via Hatishala Bazar	Shanpukur	6.00	350	550
Paikan Main Road Via Paikan Market	Benota - II	5.00	350	550
Polerhat Road Via Chariswar Bazar	Polerhat	5.00	350	550

Table 6. Road Width Wise Diameter of P	ipeline to be Laid for Distribution Network

Source: Data collected during site visit with PHED Engineers.

23. It needs to be mentioned that during the laying of the pipelines along the market areas or any congested place within the Block, there may be potential access disruption at different locations. The civil works contract for Package WW/N24P/02B will have specific provisions related to impact avoidance for pipelaying activities as well as construction work near common property

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resources (schools, health centers, ICDS Centers, etc.). The works contractor will be required to maintain access to shops and residences or other buildings along 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 project implementation unit (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.

V. CONCLUSIONS

A. Summary and Conclusion

24. No significant involuntary resettlement impacts are anticipated for the sub-projects based on the preliminary information received from PHED especially for the laying of the clear water distribution network as construction will be along the ROW of government roads. Laying of the pipelines may potentially cause temporary disruption to road users, pedestrians and community people – this will be avoided by using proper mitigation measures. Such civil work disruptions will be mitigated during construction by the contractor through simple measures such as provisions of planks for pedestrian access to shops and proper traffic management. Land for the OHRs will be purchased from the private land owners through negotiated settlement as outlined in the Project Resettlement Framework. On purchase, the ownership of land will be transferred to PHED, at its own expense.

25. A budgetary provision is made for costs likely to be incurred by PHED for completion of all formalities related to negotiated purchase and updating of this due diligence report. This includes provisions towards DDR updating cost (₹100,000), consultation, communication and grievance redress (₹100,000), and third-party costs (₹100,000), 5% percent contingencies (₹15,000), i.e., a total of ₹315,000.⁷

B. Next Steps

- 26. The Due Diligence Report needs to be updated with the following information:
 - (i) The DDR needs to be updated on finalization of the detail design and based on the DMS. During the DMS, if any involuntary resettlement impact is identified, a Resettlement Plan may need to be prepared
 - (ii) Process followed in independent third-party certification; documentation of acceptability of third party to both PHED and the land owners.

⁷ Land purchase and transfer costs to be borne by PHED, are not included in the estimated budget.

- (iii) Certification of negotiated purchase by third party: Land for 15 OHRs will be purchased through negotiated settlement from private land owners, a process that will be documented and certified by an external third party. The certificate issued by the third party for the Project Proponent will confirm the following: (a) that no coercion was involved in the process, including determination of negotiated price, and (b) that the negotiated price and all agreed assistance were given to affected persons prior to commencement of works, will be added to the DDR. The third party will submit a certificate as witness to the negotiation process as well as payments and assistance provided. The third-party certificate needs to be appended to the updated due diligence report.
- (iv) On completion of negotiated purchase, the land parcel needs to be transferred to PHED's ownership and the document of ownership appended to the updated DDR.
- (v) The Due Diligence Report to be updated, initiation and completion of due procedures reported and ADB approval obtained prior to start of construction work.

		Gram	OHR / GLR	No. of		
Block	Mouza	Panchayat	Zone Code	Participants	Concerns/Issues Discussed	Photographs
Bhangar- II	Pithapukuria	Bhagabanpur	Bamunia sch (Z-1)		Consultation with the local people revealed that, they are aware about the side effects of consuming arsenic contaminated water. Local tube wells are checked periodically through Panchayats and health dept. officials.	
					project of PHED will solve their problem permanently. Treated Surface water will not only be good for their health but at the same time people purchasing water from private source will be able save money. Health related expenses due to water will be reduced which will indirectly increase the savings. Women & children are expected to have more benefits. In the question of affordability, the respondents unanimously said that they are willing to pay charges if provided individual household connections.	<image/>

SUMMARY OF PUBLIC CONSULTATIONS

Block	Mouza	Gram Panchayat	OHR / GLR Zone Code	No. of Participants	Concerns/Issues Discussed	Photographs
Bhangar- II	Dharmatala Pachuria	Benota – II	B-1	Male: 4 Female: 4 Total: 8	 Benefits and Importance of Arsenic Free Potable Water were discussed. Mainly due to presence of Iron in the available water people purchase water. A single barrel of 20 lit water costs. 20 to 30 Rs. Approx. cost for purchasing water in an average family approx. 350/-to 400/- rupees per day. In summer time the expenditure goes up. Door step connection will be a great relief for the village women depending on available water source, as it will reduce their Time Poverty. Questions were raised by the participants that if in future they face any problem regarding supply, to whom they shall approach for. They also wanted to know whether the piped water will be available for agricultural purpose or not. If all the people get better service, then everyone will gladly pay the water tariff. 	<image/>

BLOCK	MOUZA	Gram Panchayat	OHR / GLR ZONE CODE	Participants no	Concerns / Issues discussed	Photographs
Bhangar- II	Benota	Benota – I	B – II	Nil	The proposed land is located in an isolated place, surrounded by vast agriculture field. No people could be consulted as there was no nearby habitation.	

BLOCK	MOUZA	Gram Panchayat	OHR / GLR ZONE CODE	Participants no	Concerns / Issues discussed	Photographs
Bhangar- II	Paikan	Panchayat Benota – II	B – III	no Female: 2 Male: 8 Total: 10	Local people are aware about the upcoming water supply project in their area. Role of ADB and PHED were discussed with them. One of the participants wanted to know, whether local unemployed youth will be selected for construction work. The quality of potable water is not satisfactory due to presence of iron. Since, choices are less, so people choose to buy water from private vendors, even their quality of water also not beyond questions, because there is no such mechanism to check the quality of the water supplied by the private vendors. Views of participants towards water tariff were, it should be within the reach of everyone and it is desirable that it should be reasonable too. Water Connection to be provided to each household without any prejudice and local influence and no partiality or preferences should be allowed in this context.	

Block	Mouza	Gram Panchayat	OHR / GLR Zone Code	No. of Participants	Concerns/Issues Discussed	Photographs
	Sastyen gachi	Polerhat-I	B-IV	Male: 10 Female: 8 Total: 18	Information was shared with the local residents on the upcoming project of PHED. The participants confirmed that, the area is arsenic affected. One of the Participant showed to us her long-term skin infection in hand. In spite of prolonged treatment, it has not been cured yet. How the Arsenic contaminates the Ground Water was discussed with them. It was further discussed that, why treated surface water is safer than ground water in all respect. There is an old temple adjacent to the proposed plot, it was proposed to consider one water connection to it, during religious festivals it becomes highly essential.	

Gram OHR / GLR	No. of		Dhatagrapha
Block Mouza Panchayat Zone Code hangar- II Shanpukuria Soanpukur B-X	No. of Participants Female: 5 Male: 10 Total: 15	Concerns/Issues Discussed Local residents of Soanpukur Gram Panchayat were informed about the upcoming project of door step supply of Arsenic free treated water through individual household connections. They will not have to purchase water and can save money. An Over Head Reservoir will be constructed in the land to supply water to houses. The participants added that due presence of Arsenic in the water they cannot drink the water. If treated water can be made available for them, it will be a great help for them. They will extend their full support for successful implementation of the project.	<image/> <image/> <image/> <image/>

Block Mouza Panchayat Zone Code Participants Concerns/Issues Discussed	Photographs
Bhangar-II Joynagar Polerhat - 1 B-VII Male: 9 The consultation took place in presence of Gram Panchayat Pradhan, who is also the land owner of the proposed OHR site. Total: 12 Female: 3 Total: 12 People were happy to know that the Govt. is planning to supply treated water to every house hold in their village. On being asked about current sources of water for domestic use and drinking, they said that, the practice of purchasing water from private vendors is very common in their area. The main reason of which is, presence of high quantity of Iron. Though the Panchayat tests the water for days tests the water for the wells at regular intervals, the fear of arsenic contamination always remains in the mind of the villagers. Affordable and equal water tariff will be welcomed by them.	

BLOCK	MOUZA	Gram Panchayat	OHR / GLR ZONE CODE	Participants no	Concerns / Issues discussed	Photographs
BHANGAR- II	Baniara	BHOGALI - II	Zone-B-XIII	Female: 6 Male: 5 Total: 11	Arsenic free purified potable water will be supplied to every house hold through piped connection. People shared their problem regarding the present situation. Knowing the harmfulness of arsenic, they have to opt for alternate source of purchasing water. In summer time when water level falls the situation turns more miserable. People gladly welcome the initiative of the Govt. and they assure full support at all stages of project implementation phases In the question of affordability, they said that, if the charges	
					remain within their ability they will gladly pay the charges. It was seen that, they can even save money from their monthly water budget, which in turn will increase their small savings fund.	

BLOCK MOUZA Gram Panchayat OHR / GLR ZONE CODE Participants no Concerns / Issues discussed Photographs	oncerns / Issues discussed	Participants no	OHR / GLR ZONE CODE	MOUZA	BLOCK
Bhangar- II Katadanga Bhogali - II Zone-B-XII Men: 10 On consultation, it was disclosed that the practice of purchasing drinking water from private vendors are common in this area. For an average family comprising of 3 adults and 2 children, 2 - 3 bottles of 20 liters are purchased on weekly basis, which costs little more or less than Rs 60/- and on monthly basis the cost goes up to around Rs. 250/ In summer time or family occasion the costs goes even higher. Image: Common series of the cost goes even higher. Image: Common series of the cost goes even higher. Door Step supply of Arsenic and Iron free potable water will be a great relief for all in this area which they cherished for long. Requests were made by the participants for getting scope to involve in the construction work.	at the practice of purchasing inking water from private endors are common in this area. or an average family comprising 3 adults and 2 children, 2 - 3 ottles of 20 liters are purchased in weekly basis, which costs little ore or less than Rs 60/- and on onthly basis the cost goes up to round Rs. 250/ In summer time family occasion the costs goes yen higher. oor Step supply of Arsenic and on free potable water will be a reat relief for all in this area which ey cherished for long. equests were made by the articipants for getting scope to	Men: 10	Zone-B-XII	Katadanga	

Block	Mouza	Gram	OHR / GLR Zone Code	No. of	Concerns/Issues Discussed	Photographs
Bhangar- II	Tona	Panchayat Polerhat - II	(Zone-B-V)	Participants	The proposed plot was close to the Power Grid of Bhangar. In the months of Feb – March 2017, a serious Socio – political agitation created in the location, based on land acquisition issue for Power Grid Project, which turns into national headlines.	Fridographs
					At the time of visit, a political seminar was going on in protest of Power Grid project, considering the local sensitivity no consultation was conducted to avoid any speculation.	

Block	Mouza	Gram Panchavat	OHR / GLR Zone Code	No. of Participants	Concerns/Issues Discussed	Photographs
Block Bhangar- II k	Mouza (armakar Para	Panchayat Bhogali - I	Zone Code Bhogali sch	Participants Male: 7 Female: 5 Total: 12	Concerns/Issues Discussed Local residents showed their immense interest and support to the proposed ADB- PHED project. Women took part spontaneously in the discussion as they are the main users. Doorstep water connection will be a great pleasure for them. This will not only save their time, it will also save their physical labour. They will be free to do other household work. Tap water is headache less than tube well. How purified surface water is better than arsenic contaminated ground water was discussed with them. In the question of paying nominal charges, they said that, everybody will bear it, provided that this project should continue for long. (not like any other short time govt. prog.)	<image/>

Dicit		Gram	OHR / GLR	No. of		Dhata was ha
Block	Mouza	Panchayat	Zone Code	Participants	Concerns/Issues Discussed	Photographs
Bhangar- II	Naglapalpur	Bhogali - I	Zone-B-IX	Male: 8 Female: 4 Total: 12	 People were found quite enthusiast regarding the project as they were already aware about the upcoming work. Connection and user charges for individual should be same. While fixing the water tariffs poor families should be considered. Tubewells are checked periodically by the panchayats to identify presence of irsenic. Due to presence of High Iron in the water, it is not worth of drinking. 	

Block	Mouza	Gram Panchayat	OHR / GLR Zone Code	No. of Participants	Concerns/Issues Discussed	Photographs
Bhangar- II	Majerhat	Shanpukur	B-x	Male: 14	Local people were consulted regarding the upcoming Water Supply project of PHED. People were happy to know to that they won't have to suffer any more due to lack of good quality potable water free from arsenic and iron. Door step connection for each household instead of common connection will be provided after completing the construction work. People spending money for purchasing water will be able to save extra money. On listening all relevant points the participants assured full co- operation for successful completion of the project.	

OHRs	Name of Village	Name of Gram Panchavat		Availability of Land Records/ No Objection Certificate (for Private Land)		Description of Immediate Surrounding of the Plot	Approach Road to the OHR Plot	Photograph of Plot
B-1	Dharmatala Pancharia		Private land	Yes	Cultivation	The proposed plot is located amidst the agricultural Field. Land owners residence is located on the other side of the connecting road, just opposite to the plot.	Brick paved Village Road	
B-2	Benota	Benota-I	Private land	Yes	Flower Planting	The proposed plot is located in an isolated place amidst village agricultural field.	Brick paved Village Road	

DETAILS OF OVERHEAD RESERVOIRS IN BHANGAR BLOCK

OHRs			Ownership (Private/ Government)		Present Land Use of the Plot	Description of Immediate Surrounding of the Plot	Road to the OHR Plot	Photograph of Plot
B-3	Paikan	Benota- II	Private land	Yes	Cultivation	The proposed plot is situated beside the main road, surrounded by agricultural field. No nearby structures.	Blacktop village road	
B-4	Swastayan Gachhi	Polerhat-I	Private land	Yes	Mango Orchard	The proposed plot is surrounded by vacant plots. No habitation in nearby vicinity.	Blacktop village road	

OHRs			Ownership (Private/ Government)		Present Land Use of the Plot	Description of Immediate Surrounding of the Plot	Road to the OHR Plot	Photograph of Plot
B-5	Tona	Polerhat-II	Private land	Yes	Orchard	The proposed plot is surrounded by small gardens, no structures are there.	Blacktop village road	
B-6	Shyamnagar	Polerhat-II	Private land	Yes	Vacant Plot	All vacant plots in surrounding areas. No structures.	Brick paved Village Road	

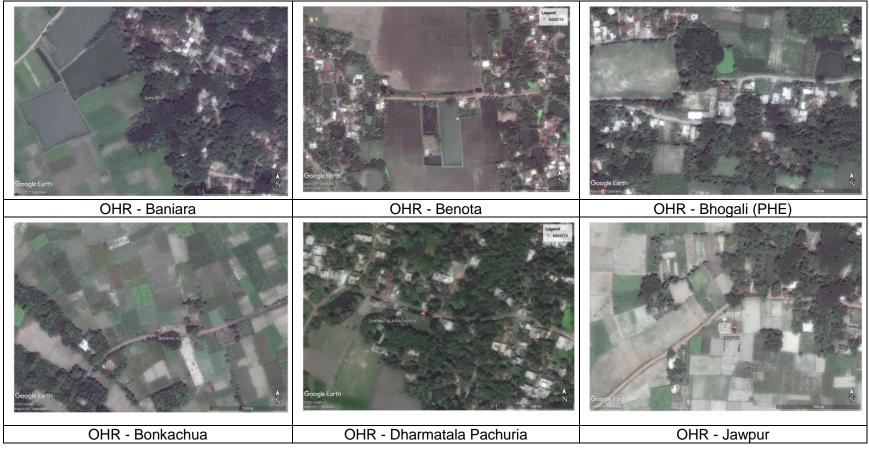
OHRs			Ownership (Private/ Government)		Present Land Use of the Plot	Description of Immediate Surrounding of the Plot	Road to the OHR Plot	Photograph of Plot
B-7	Jaynagar	Polerhat-I	Private land	YES	Mango Orchard	Mostly vacant Plots. One or two hutments in nearby vicinity of the plot. No impact	Brick paved Village Road	
B-8	Chandihat	Shanpukur	Private Plot	NO	Vacant Plot	The proposed plot is located in an isolated place amidst village agricultural field	Brick paved Village Road	
B-9	Nagla Palpur	Bhogali-I	Private land	Yes	Vacant	Vacant plot adjacent to access road. No habitation in nearby area.	Blacktop village road	

OHRs			Ownership (Private/ Government)		Present Land Use of the Plot	Description of Immediate Surrounding of the Plot	Road to the OHR Plot	Photograph of Plot
B-10	Majerhat	Shankarpur	Govt. land	No	Vested Land	Surrounded by vacant plots. Only Trees and shrubs.	Brick paved Village Road	
B-11	Sanpukuria	Shankarpur	Private land	Yes	Mango Orchard	Surrounded by vacant plots. Only Trees and shrubs.	Brick paved Village Road	

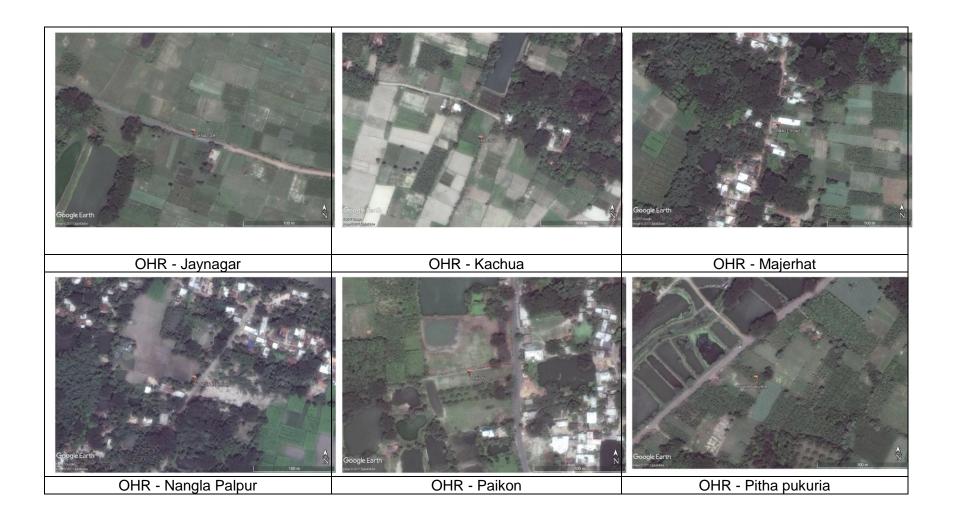
OHRs	Name of Village		Ownership (Private/ Government)		Present Land Use of the Plot	Description of Immediate Surrounding of the Plot	Road to the OHR Plot	Photograph of Plot
B-12	Katadanga	Bhogali-II	Private land	Yes	Cultivation Lemon Plants	Agricultural Field. 1 small structure at one corner of the plot. Outside of the plot	Brick paved village road	
B-13	Baniara	Bhogali-I, II	Private land	Yes	Cultivation	Road side plot, surrounded by agricultural field.	Blacktop village road	
B-14	Pithapukuria	Chaltaberia- Bhogbanpur	Private land	Yes	Cultivation	Surrounded by agricultural field, few hutments are observed close to the plot but not within the plot boundary	Brick paved Village Road	

OHRs	Name of Village		Ownership (Private/ Government)	Availability of Land Records/ No Objection Certificate (for Private Land)	Present Land Use of the Plot	Description of Immediate Surrounding of the Plot	Road to the OHR Plot	Photograph of Plot
B-15	Kachua	Chaltaberia- Bhogbanpur	Private land	Yes	Cultivation	Vacant plot adjacent to access road. No habitation in nearby area.	Brick paved Village Road	
B-16	Jawarpur	Chaltaberia- Bhogbanpur	Private land	No	Cultivation	Only agricultural field in surrounding areas. Habitation is in the opposite side of proposed plot.	Rick paved village road	

OHRs	Name of Village	Name of Gram Panchayat		Availability of Land Records/ No Objection Certificate (for Private Land)		Description of Immediate Surrounding of the Plot	Approach Road to the OHR Plot	Photograph of Plot
B-17		Bhogali	Private Land	0	Vacant Plot	The proposed plot is located in an isolated place amidst village agricultural field.	Blacktop village road	
B-18	Hatgachia	Bamanghata ,	Private land	Yes	Vacant Plot	The proposed plot is situated beside the main road, surrounded by agricultural field. No nearby structures.	Brick paved village road	



GOOGLE EARTH MAP OF EACH OVERHEAD RESERVOIR LOCATION SHOWING SURROUNDING LAND USE





SOCIOECONOMIC PROFILE LAND SELLERS

ОНТ В-14	Name of Land Seller DAUD ALI DHALI	Age 60	No. of Family Members 4	Land Ownershi P OWNER	Plot/Daag No./ Mouza 621	Land record/kh atian no./ jl no. 1234	Total Land Holding in Acres (including the land for sell) 1.9834	Total Land Area Required for OHT in Acre	on Against Total Land	Present Land Use of the Plot CULTIVATI	Any other Structure/ Trees / Crops on the plot 4 CROPS PER ANNUM	Tree Loss NO	ON	Alternate means of Livelihood /Income Available NO CYCLE REPAIRIN	Total Monthly Family Income of HH (INR) 15,200/-	Total Income from Affected Plot 5200/-	Per head Per month income 3,800/-	Type of House SEMI PUCCA	Type of Loss	Asset Ownership BIKE, TV, FRIDGE	Photograph
B-01	SAMBHU MONDAL	55	3	OWNER	418 & 419	1004	0.991	0.132	13%		4 CROPS 1 MUSURI 1 KARAI	NIL	CULTIVATI ON	G SHOP FISHERY	11,400/-	1,500/-	3,800/-	SEMI PUCCA	1&3	CYCLE, BIKE	
B-01	SRIDHAR MONDAL	60	5	OWNER							1 RICE 1 VEGITABL E		CULTIVATI ON		15,000/-		3,000/-	PUCCA		CYCLE	
B-2	SANATAN NASKAR	58	4	HEIR		5171				FLOWER	_		CULTIVATI ON		14,000/-	4,000/-	3,500/-	PUCCA		CYCLE	
B-2	SAMIR NASKAR	48	3	HEIR	3513	5172	1.061	0.132	12%	PLANTING	3 FLOWERS	NIL	CULTIVATI ON	MASON	12,000/-	PER MONTH	4,000/-		1&3		
B-2	SASADHA R NASKAR	40	4	HEIR		5173							CULTIVATI ON		15,000/-		5,000/-		1		
D 0	SAMSUL	40				129 /					1 CROP		CULTIVATI		10.000/	3,000/-	0.000/	DUCCA		BIKE,	10
B-3	SAPUI	43	6	OWNER		28					PADDY		ON		18,000/-	ANNUALL Y	3,000/-	PUCCA		CYCLE,	
В-3	SAIDUL SAPUI	50	5	OWNER	308 & 687		2.644	0.132	5%	CULTIVATI ON		NIL	CULTIVATI ON	TEA STALL	17,500/-	3,000/- ANNUALL	3,500/-	PUCCA	1&3	BIKE, VAN, CCYCLE	
В-3	NAZRUL SSAPUI	55	9	OWNER									CULTIVATI ON		28,000/-	3,000/- ANNUALY	3,100/-	PUCCA		BIKE, FRIDGE	

ОНТ В-4	Name of Land Seller PRODYUT KUMAR MAJUMDE R	Age 64	No. of Family Members	Land Ownershi P OWNER	Plot/Daag No./ Mouza 563, 565	Land	Total Land Holding in Acres (including the land for sell) 0.28	Total Land Area Required for OHT in Acre 0.132	% of Land to be Used for OHT Constructi on Against Total Land Holding 47.14%	Present Land Use of the Plot MANGO GARDEN	Any other Structure/ Trees / Crops on the plot	Tree Loss 5 MANGO TREES	Primary Occupatio n of HH BUSINESS	Alternate means of Livelihood /Income Available NO	Total Monthly Family Income of HH (INR) 18,000/-	Total Income from Affected Plot 5,000/- ANNUALY	Per head Per month income 3,000/-	Type of House PUCCA	Type of Loss	Asset Ownership CYCLE, TV	Photograph
В-7	DINANAT H BISWAS	43	15			238 /						3				5000/-	3,200/-				
B-7	SHYAMOLI BALA BISWAS JAGABAN	65		HEIR	1324,	22	0.991	0.132	13%	15 YEARS OLD	NIL		CULTIVATI	CONTRAC	48,000/-	PER MONTH		PUCCA	1&3	BIKE, FRIDGE,	
В-7 В-7	DHU BISWAS SHUBHAN KAR BISWAS	38 36			1316					GARDEN		MANGO TREES	ON	TOR						MOBILE, CYCLE	
B-7 B-7	DIPANKA R BISWAS KINKAR BISWAS	34 29											-								
B-11	CHITTARA NJAN KARMARK AR	58	3	OWNER	55	360 / 67	0.471	0.132	28%	MANGO ORCHAR D	NA	10 MANGO 5 COCONU T	BUSINESS	FISHERY	15000/-	8,000/- ANNUALY	5,000/-	PUCCA	2 TREES	CYCLE, TV	
B-13	ABDUL BARIK KHAN	70	7								PADDY-2 TIMES				24,000/-	4500/-	3,428/-	PUCCA		BIKE, TV, FRIDGE	
B-13	ABDUL AZIZ KHAN	54	5	HEIR	66	62	6.942	0.132	1.90%	CULTIVATI ON	CAULIFLO WER TIL (* BENGALI ACCENT)	NIL	CULTIVATI ON	FISHERY	18,000/-	PER MONTH	-3,600/-	PUCCA	1&3	BIKE, TV, FRIDGE, VAN	
B-13	ABDUL LATIF KHAN	63	4	OWNER											15,000/-		3,750/-	PUCCA		BIKE, TV, FRIDGE, VAN	

онт	Name of Land Seller	Age	No. of Family Members	Land Ownershi p	Plot/Daag No./ Mouza	Land record/kh atian no./ jl no.	Total Land Holding in Acres (including the land for sell)	Total Land Area Required for OHT in Acre	% of Land to be Used for OHT Constructi on Against Total Land Holding	Present Land Use of the Plot	Any other Structure/ Trees / Crops on the plot	Tree Loss	Primary Occupatio n of HH	Alternate means of Livelihood /Income Available	Total Monthly Family Income of HH (INR)	Total Income from Affected Plot	Per head Per month income	Type of House	Type of Loss	Asset Ownership	Photograph
B-12	SIRAJUL MOLLA	42	7			553 /						MANY LEMON	GOVT. CONTRAC TOR	GOVT. CONTRAC TOR	25,000/-	5000/-	3,571/-	PUCCA		BIKE, CAR, FRIDGE, MOBILE	
B-12	MD. NURUZAM MAN MOLLA	50	8	HEIR		62						TREES	CULTIVATI ON	TAILOR	28,000/-	PER MONTH	3,500/-	PUCCA		VAN, CYCLE	
B-12	NUR ISLAM MOLLA	48	5	(SON)	223		4.958	0.132	2.66%	CULTIVATI ON	LEMON TREE GARDEN YIELDS THROUG H OUT THE YEAR		CULTIVATI ON	MASON	16,000/-		3,200/-	PUCCA	1&3	VAN, CYCLE	
B-12	SAIDUL ISLAM	30	4										CIVIC POLICE SERVICE	SERVICE	16,000/-		4,000/-	PUCCA		BIKE, TV, FRIDGE	
	RAHIM BAKSH MOLLA	70	9	OWNER									CULTIVATI ON	NIL	35,000/-		3,888/-	PUCCA		CYCLE, BIKE, TV	
	MD. ABU				1752						3 CROPS										
B-15	KHAIRMO LLA	67	8	OWNER	1753	46	1.322	0.132	10%	CULTIVATI ON	2 PADDY	NIL	CULTIVATI ON	FISHERY	20,000/-	3,000/-	3,125/-	PUCCA		BIKE, FRIDGE	
					1693						1 POTATO										
					1051	1372/					5 CROPS										
	HAFIZA				JOYPUR	70				CULTIVATI	CAULIFLO WER		HOUSE							BIKE,	
B-16	BIBI	35	5	OWNER			2.48	0.132	5%	ON	1 JUTE 2 PADDY	NIL	WIFE	NO	18,000/-	3,000/-	3,6000/-	PUCCA		CYCLE, FRIDGE	
											1 CHILI										

онт	Name of Land Seller	Age	No. of Family Members	Land Ownershi P	Plot/Daag No./ Mouza	Land	Total Land Holding in Acres (including the land for sell)	Total Land Area Required for OHT in Acre	on Against Total Land	Present Land Use of the Plot	Any other Structure/ Trees / Crops on the plot	Tree Loss	Primary Occupatio n of HH	Alternate means of Livelihood /Income Available	Total Monthly Family Income of HH (INR)	Total Income from Affected Plot	Per head Per month income	Type of House	Type of Loss	Asset Ownership	Photograph
B-18	SHAYAMA PADA NASKAR	50	5	OWNER	537 HATGACH HA	1746 / 4	0.33	0.132	40%	NO USE	NA	NA	MASON	MASON	18,000/-	NIL	3,600/-	SEMI PUCCA	1	CYCLE, TV	St.
B-5	SHIRAZU DDIN KHAN	50	5	OWNER	1642 1643 TONA		0.66	0.132	20%	GARDEN	NIL	12 MANGO 15 LAMBOO 4 COCONU T 2 SIRISH	GARDENIN G	POULTRY		6,000/- P.M	3,600/-	PUCCA		FRIDGE, TV, BIKE	
B-!7	ABDUR HAKIM MOLLA	60	4	OWNER	817 KARMAKA R PARA	581 JL - 56	10 BIGHAS	15 COTTAH	8%	MANGO GARDEN	NIL	20 MANGO TREES	AGRICULT URE	NO	17,000 PER MONTH	6000 PER MONTH	4,250/-	PUCCA		BIKE, TV, CYCLE	
В-9	kazi Mainur Huda	53	12	OWNER	3601 NAGLAPA LPUR		0.89 ACRES 2.69 BIGHAS 53.84 COTTAH	15 COTTAH	34%	UNUSED	NA	NA	BUSINESS	BUSINES S	35,000 Per Month	NIL	2,916/-	PUCCA	1&3	BIKE, TV	
B-9	NANUR HOSSAIN	50	4	OWNER	3601 NAGLAPA LPUR			15 COTTAH		UNUSED	NIL	NA	BUSINESS	BUSINES S	30000 PER MONTH	NIL	7,500/-	PUCCA		CAR, BIKE, TV, FRIDGE	

Note: None of the land sellers are BPL.^a

^a The Planning Commission, Government of India, in its Press Note on Poverty Estimates, 2011-12 and Reserve Bank of India, specifies rural poverty line for West Bengal to ₹783 per capita per month based on computation as per Tendulkar Method on Mixed Reference Period (MRP). The rural poverty line in West Bengal have been adjusted to ₹1090.72 for average inflation at 6.55% per annum between 2012 to 2017. http://planningcommission.nic.in/news/pre_pov2307.pdf; https://www.rbi.org.in/scripts/PublicationsView.aspx?id=16603; http://www.inflation.eu/inflation-rates/india/historic-inflation/cpi-inflation-india.aspx.

PHOTOGRAPHS OF ROAD ALLIGNMENTS OF BHANGAR - II BLOCK

1. Gram Panchayat – Polerhat, Road along Chariswar Bazar





2. Gram Panchayat – Shanpukur Road along Hatishala Bazar





2. Gram Panchayat – Benota II Road along Paikan Bazar

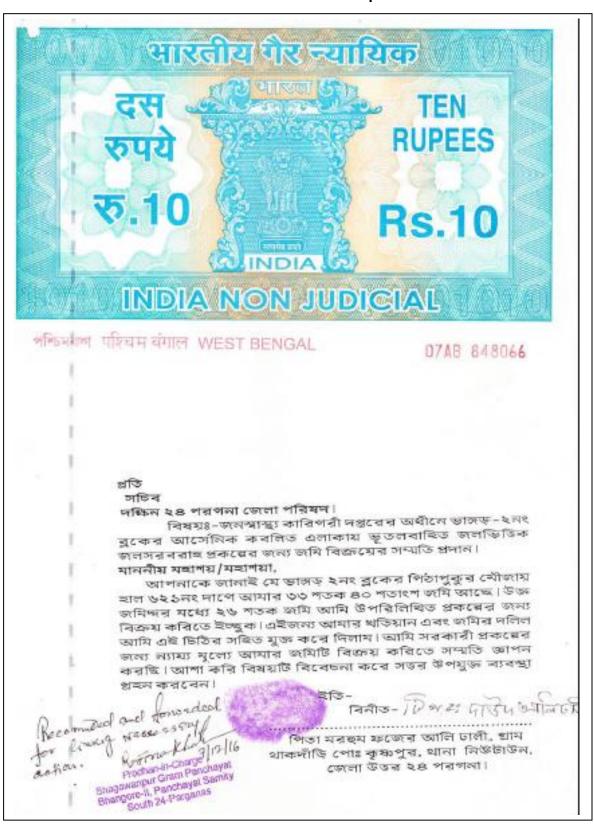




NO OBJECTION CERTIFICATES BY LAND OWNERS

200 TEN RUPEES **Rs.1** INDIA INDIA NON JUDICIAL পশ্চিমৰূপ যহিত্যম बंगाल WEST BENGAL 07AB 825811 10000 10 ৰম্পনা চহালা পদ্য অনপান্দ্র কারিগরী সপ্তারের অধীনে হাড়োরা, রাজারহাট এবং ডাচর - ২ নং ত্রাহনা আচেনিক কবলিত এলাকার ভুত্তসমাহিত জলচিষ্ঠিক জলচালতাহ হাবলেশন জন্ম বসি মিন্নমের সম্মতি প্রদান। মাননীয় মহালয়/মহালয়; ELENTS - 2 mg আপনাকে জানাই বে 259 2529 mot / untellines anata 27-মৌমার .. ____ পতক কামি আছে। এ আমি / আমি লেকে _ 777 — শতক মাহি আমি উপবে উমিনিত প্রকাশের জন্য বিরব করেত ইন্দ্রুক. এই জন্য আমার খতিয়ান এবং জমির পলিল আমি এই চিটিব সঙ্গে যুক্ত করে নিলাম। আমি সরকারী প্রবহৃপের জন। গরতারের নির্ধারিত মুদ্যে আমার জমিটি বিরুদ করতে সম্মতি জাপন করাই। আলকার দিন্দাট বিবেচনা করে লবন উপযুক্ত রাম্বয়া হায়ন করাবন। সংগ্রাপিত > উপরোচ্য জমিসকোর মবিপার commeted and proverded ing naccosar TREIT63 Polertuit-1, Gram Panchayat Bharlesseell, South 24 Pgs

Zone B - 4 OHR Location - Swastayan Gachhi



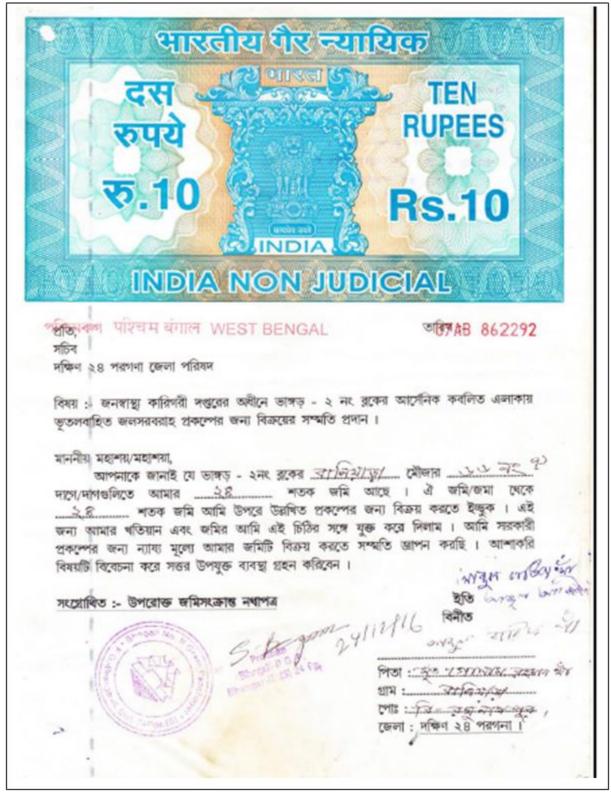
Zone B - 14 OHR Location - Pithapukuria

शारताय पर न्य 1200 ΓEN RUPEES 202 **Rs.10** INDIA INDIA NON JUDICIAL পশ্চিম কা দাইৰম কাল WEST BENGAL 07AB 846433 MRD: - 04/02/2029 PIRO DAVES, THE 28 MONTH COAT MODUL खिये - जरम्मा आहेम् एकत्र के कार्य कार्य - 278 मार Nd ערב ביאיזבי שינינפינה ב מירובה לא מימיובה בהיופה בהיוניונט । हरेग्रेस् हीयत्व हार्ग्रही אטינדיזציר / איזידור נייהארור anna ana anais cr anas -> मर ब्राका ट्रिम् - ट्रांम् क 1 22.00 2 1980 AND AND AND AND AND AND AND THE I A RIA- Ala CUTAS ANATAD TREE 24 ANDAS KIN SMID BALO energia anura ces zie / setile sider rices . Ces atadres Englishes पडर मामेंग काम्य प्रहास के माम के माम्य के माम्य के का maries and win with the course and sign with > Biece rives autor annue stands ware and sales 1 222 0000 2240 מדראיראוביי שיירטיאה גוורטרשיין אייריאיין 212 hecommond ed. action 500 TRECEM OUT 12 (AGV BILL INGVERION Mona MA: - COVAV Principal Peterbat-IL Gran Panchayat R. angrot-IL P.E.- South 24715 com- and aner (2AV- WAT 28 9011

Zone B-5 OHR Location - Tona

क्षारखोरा घर च 207 TEN RUPEES रुपर হ.10 **Rs**.10 INDIA. INDIA NON JUDICIAL পশ্চিমঞ্জা पश्चिम बंगाल WEST BENGAL 07AB 862294 AG. 5150 Algon 28 Mistar (Sunt article sister - and in the action of the constraint of the state of the second aution of the sol and allow and and where the state of a subject of the states of the L'ainternet in the series sing man and internet is the series of the series in the series in the series of the series in the series in the series of the series of the series in the series of the ser alerenting estimates and a comparate 312113 317179 The Sucharana 1222 25 23 257

Zone B - 1 OHR Location - Dharmatala Pancharia



Zone B-13 OHR Location - Baniara

भारतीय पेर ज्यायिक
दस कर मार्ग TEN
रुपये RUPEES
रग्य
रु.10 Be 10
v.iu Rs.10
INDIA NON JUDICIAL
পশ্চিমকণ पश्चिम बंगाल WEST BENGAL 07AB 862291
র্তার,
সচৰ
भूतिन २. महतना रवन्ता-महिवस
দিবতা- তানসায়ে কারীপরী সন্তারের অধীনে ব্যান্তা - ২ মাং দ্রাকার আচানিক কর্মানতা
থিবচ- অনস্থায় কাইগড়ী সন্তরের অধীনে হাজে। - ২ না ত্রাকার আহমিক কর্মেনতা সন্দানার ত্রতাকাঠিক জনাচিরিক অন্তাদেশের মন্দ্য ক্রণি বিরচের সম্পর্টে প্রধান।
মাননার মহাপদ্ধমহাপথা
यात्रवल बानवे त <u>(१९४३ २ २२</u> जन्म किंधुग
মেজার <u>1952</u> , <u>17531693</u> বাবে / বাসধানিতে আহার <u>12</u> পতক ধাবি আহে। ঐ
যাই / হাই ছেকে <u>26</u> শাসক বাই আনি উপয়ে ইউনিক প্রথকপথ কন্য বিরলা কালে ইপুন।
াই দল্য আমাৰ মন্তিয়ান এবং জনি য় সদিল আই এই ভিঠিং সমে পুরু করে নিলামা জনেই সরকারী প্রবাদেশৰ মন্যা
ারতাবো নির্ধানিও মূল্যে আমায় জানিন্ট বিগ্র'র করতে সম্প্রতি ভালম করাই। আলাকরি ডিব্যাট বিকোনা বরা সন্তর
উপযুক্ত ব্যথন্থ গ্রহণ কর্ত্রেন।
সম্প্রাপিত - জির্ম রাজ মামিসম্পর্ক নাশিগর
APTITZ216 TO CHI, ON DE CHI, ON DE CHIER ON THE ON THE
Bilensh Blann. Mrs 751: 5712 Onte 750
Chaltaberis Gram Pancha, t Bhangored, Panchayat Samty Bouth 24-Parganes Arar - 3972 - 744 350 2
Bouth 24-Perganes (1417-4) - 2782 767 200
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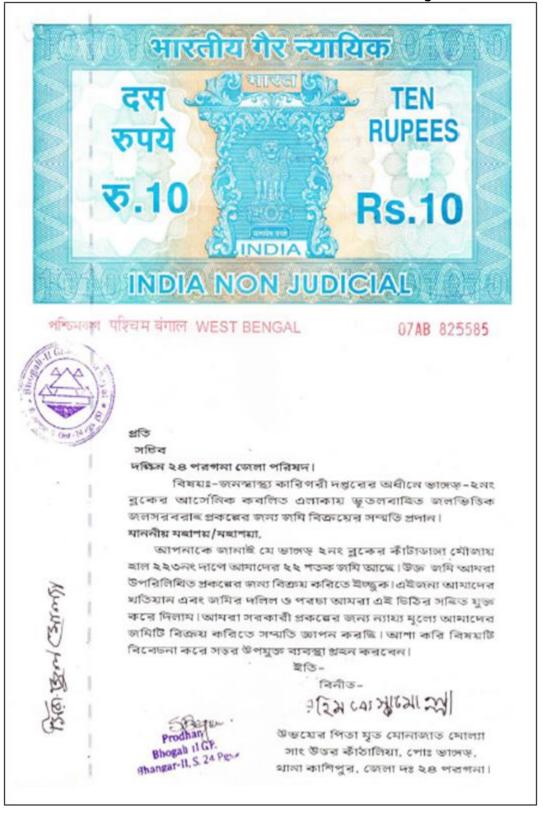
Zone B-15 OHR Location - Kachua

	Antonio and an and a second and a
भारतीय पीर प दस् रूपये रुपये रु.10	यायिक TEN RUPEES RS.10
INDIA NON JU	JDICIAL
পশ্চিমকল যহিত্ব	02AB 857337 তরিশ ৮
বিষয় :- জনস্বাস্থ্য কারিগরী সপ্তরের অধীনে ভাঙ্গড় - ২ নং রকের আচ প্রকল্পের জন্য জমি বিরুয়ের সম্মতি প্রদান ।	হনিক কবলিত এলাকয়ে ভূতলবাহিত জলসহবরাহ
মাননীয় মহাশহ, মহাশহা, আগনকে জানাই যে ডাঙ্গড় - ২নং রকের	ঐ জমি/জমি থেকে <u></u>
সংগ্রেখিত :- উপরোক্ত অমিসফলার নথিপত্র Prodition BEONTA-II G.P. Shangore-II Dev. Block E স./th 24-Parganes	इडि स्मिड अगभ्यद्वार आख् लाज : आयोगपान :
	ফেলা : <u>সঞ্চিল ২৪ পরগনা</u>

Zone B-3 OHR Location – Paikan



Zone B-11 OHR Location - Sanpukuria



Zone B -12 OHR Location - Kantadanga

ch TEN RUPEES रुपर **Rs.10** INDIA D INDIA NON JUDICIAL পশ্চিমকগ पश्चिम बगाल WEST BENGAL 01AB 238870 প্রতি তারিগ :-. সচিনা দক্ষিণ ২৪ পরবলা জেলা পরিষদ বিষ্যা :- জনহান্দ্র কারিগরী সপ্তরের অধীনে ভাঙ্গত - ২ নং ব্লকের আসেনিক কবলিত এলাকায় ভুতলবাহিত মতাগরবরাহ প্রকল্পের মন্য বিদ্রুয়ের সম্মতি প্রদান । মাননীয় মহাশচ/মহাশয়, আপনাকে আনাই যে ডাকড় - ২ নং ব্লেব হাঁচিসামি যৌজার ৫০০৭ 地区市 স্বমি আমি উপরে উরবিত প্রকল্পের জন্য বিরুহ করতে ইম্ফুক । এই জন্য আমার শতিয়ন এবং জমির আমি এই চিঠির সঙ্গে যুক্ত করে নিলাম । আমি সরকারী প্রকলেশর জন্য ন্যায়া যুক্লা আমার জমিটি বিরুদ্ধ করতে সম্পতি জাপন করমি। ASIA along আশ্রাকবি বিষয়টি বিক্রেন্য করে সম্ভর টেপযুক্ত ব্যবস্থা গ্রহণ করবেন । সংগ্ৰামিত :- উপব্ৰোক্ত অমিসকোম্ব নমিপত্ৰ 19/20 10/0 25 বিনীত STA-10-7%59 mral Filh +263 Amozensh neartal TIMA H Pal un 5 NATA ora अर्थाते न सहत লিতা : ১ CHENTER WYMEN ASKA **Prochan** Bamanghata Gram Panchayat द्वारुशत मन्द्रभाव The old Bhangore-II, Panchayat Samity South 7117 mas adar or the 12 282, 5175 23/12/2016 क्रमन करन জেলা : দক্ষিণ ২৪ পরগণা नालाल लाखन Edito Chille

Zone B -18 OHR Location - Hatgachiya

आरतार यर द ೭೮ಶ TEN RUPEES bu **Rs.10** SINDIA INDIA NON JUDICIAL পশ্চিমৰুগ पश्चिम बंगाल WEST BENGAL 07AB 825810 তারিখ :-প্রষ্ঠি, সচিব দক্ষিণ ২৪ পরণনা জেলা পরিয়ন বিষয় - জনমান্দ্র কারিগরী দপ্তরের অধীনে ডাঙ্গড় - ২ নং রকের আসেনিক কবলিত এলাকায় ভূতলবাহিত জলসরবরাহ প্রাদেশর জন্য জমি বিরুয়ের সম্মতি প্রদান । Gol Galog Tala ATTE 3079, 3081 মাননীয় মহাপয়/মহাপয়, 1020 আপনকে জানাই যে ডাক্ত - ২নং ব্লুকের টিস্টে লি প্লাব দাগে/দাগগুলিতে আমার ______ 17 319 24 শতক ভামি আছে। এ জাম/জামি থেকে ______ 17 24 শতক জমি আমি উপরে উরম্বিত প্রকল্পের জন্য বিক্রম করতে ইন্দুক। এই জন্য আমার খডিয়ান এক জমির আমি এই চিচিন সঙ্গে যুক্ত উর্বে নিলাম । আমি সরকারী প্রকল্পের জনা সরকরের-নির্ধরিক মূল্য আমর জমিট বিরুষ করতে সম্মতি জ্ঞাপন করছি । আশাকরি বিষয়টি বিবেচনা করে সন্তর উপযুক্ত ব্যবস্থা গ্রহণ করবেন । সংগোষিত :- উপরোক্ত জমিলংক্ষ্যে নম্বিপত্র 615 বিনীত Recommend MATATA enery action Frimman and GZENN QUOUR - Chan Palerhat-II, Gram Panchaynt South 24Pgs Bhangson-T. P.S.-838 28 98777, 700135

Zone B- 6 OHR Location - Shyamnagar

CD AND T GOTTERS CH WESTER TEN RUPEES 5101 **Rs**.10 INDIA. **INDIA NON JUDICIAL** পশ্চিমকল पश्चिम बंगाल WEST BENGAL 69AA 422065 with : 05/61/2017 প্রতি NGe সন্ধিন ২৪ পরগনা জেলা পরিয়ন দিবর :- জনস্বান্দা কারিগরী পর্ববের অধীনে ছাড়োবা , রাজারহাট একাডাপব-২ না ব্লকের আপেনিক কথলিত এলাকায় তুরুগণহিত জনভিত্তিক জলসকলোহ প্রবন্দের জন্য দেয়ি বিরুয়ের সম্পর্ভ প্রদান । মাননিয় মহালয়/মহালয়, 2028,2324 আপনাবে জানাই যে ভাজন-২নং প্লবের জয়নাবে মৌচার 🤸 লাগে,পাপগুলিতে আমায় 🕒 👉 শতক দায়ি আছে। এ কাই থেকে 2, ও শতক ভায়ি আমি উপন্থে উদ্রেখিত প্রকল্পের জন্য বিভয় করতে ইঞ্জুক জনা আমার থতিয়ান এবং চাহির দলিন আমি এই চিটির সাথে যুক্ত করে দিনাম। আমি সরকরি 52 প্রারহেম্পর জনো সরকারের নির্ধানিত মুলো আমান ভাইটি নির্রুয় কারতে সম্মর্ভ স্তাপম করছি । আশকেরি বিষয়টি উপযুক্ত ব্যবস্থা গ্রহণ কর্ত্বেন । বিবেচনা করে সন্তর <u>শংচাহিত > উপয়োজ অমিসকোর নহিপর</u> হাই বিনতি Recommended and forwarded Staking necessary action Polerhat-1, Gram Panchayat Bhangore-ft, South 24 Fgs

Zone B - 7 OHR Location - Jaynagar

Zone B - 9 OHR Location - Nagla P	alpur
भारतीय पीर न्यारि दस रुपये रु.10	TEN RUPEES Rs.10
INDIA NON JUDIO	
পশ্চিমৰুগ पश्चिम बंगाल WEST BENGAL	02AB 975533
প্রতি, সচিব দক্ষিণ ২৪ পরগনা জেলা পরিষদ	তারিখ-
বিষয়- জনস্বাস্থা কারিপরী দণ্ডরের অধীনে হাজেয়া, রাজারহাট কবলিত এলাকায় ভূতলবাহিত জলচিন্তিক জলসরবরাহ প্রকল্পে	এবং ভাগ্ডর - ২ নং ব্লকের আসেনিক ার জন্য জমি বিরুয়ের সম্ম্বতি প্রদান ।
মাননীয় মহাশয/মহাশয়, আপনকে জানাই যে ভাষড় - ২ রকের নাংলা পায আমার ১৮ শতক কমি আছে। এ জমি / জমির সামনের দিবে প্রকলেের জন্য বিক্রয় করতে ইচ্ছুক। এই অন্য আমার খতিয়ান যুক্ত করে দিলাম। আমি সরকারি প্রকলেের জন্য সরকারের মিধ সম্মতি জ্ঞাপন করছি। আশাকরি বিষয়টি বিবেচনা করে সন্ধুর উপ	চ [ঁ] ২৬ শতক লমি আমি উপরে উল্লিখিত এবং জমির দলিল আমি এই চিঠির সন্ধে র্যারিত মলো আমার লমিটি বিরুয় বরতে
সংযোষিত :- উপরোক্ত অমি সংক্রান্ত নগিপত্র জে. এজ নহ - ৫৫, খতিয়ান নহ - ১০৬১ সাগ নহ - ৩৫০৯	इडि विमेठ काली प्रहेन्ज्यहम
Aller chine portant art art fra 25	পিত:- মৃত কালী নুরুলহনা গ্ রমু:- নাংলাপালপুর পে:- সাততাইয়া লেলা:- <u>দক্ষিণ ২৪</u> পরগণা



Zone B - 2 OHR Location Benota