

Resettlement Plan

Project number: 47254-003

January 2022

Bangladesh: Dhaka Water Supply Network Improvement Project

ICB Package 2.12 (1st Batch: DMAs: 701A, 701B, 702 & 703)

Prepared by Dhaka Water Supply and Sewerage Authority (DWASA), Government of Bangladesh
for the Asian Development Bank.

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CURRENCY EQUIVALENTS
(as of October 31, 2021)

Currency Unit	-	Tk
Tk1.00	=	\$ 0.012
\$1.00	=	Tk 85.65

ABBREVIATIONS

ADB	Asian Development Bank
ARIPA	Acquisition and Requisition of Immovable Properties Act
ADD	Average Daily Demand (water supply)
BBS	Bangladesh Bureau of Statistics
BPL	Below Poverty Level
CBO	Community Based Organization
CRO	Complaint Receiving Officer
DMA	District Metered Area
DMC	Development Member Countries
DNCC	Dhaka North City Corporation
DSCC	Dhaka South City Corporation
DPHE	Department of Public Health Engineering
DPP	Development Project Proforma
DTW	Deep Tube well
DWASA	Dhaka Water Supply and Sewerage Authority
DWSNIP	Dhaka Water Supply Network Improvement Project
EMP	Environmental Management Plan
FGD	Focus Group Discussion
EMP	Environmental Management Plan
GoB	Government of Bangladesh
GRC	Grievance Redress Cell
GRM	Grievance Redress Mechanism
HDD	Horizontal Directional Drilling
HDPE	High-Density Polyethylene
HEED	Health Education and Economic Development
ICB	International Competitive Bidding
IEE	Initial Environmental Examination
IRP	Iron Removal plant
IWM	Institute of Water Modeling
JVC	Joint Verification Committee
LGD	Local Government Division
NGO	Nongovernmental Organization
NRW	Non Revenue Water
PDB	Power Development Board
PIU	Project implementation unit
PMU	Project Management Unit
PVAC	Property Valuation Advisory Committee
PPTA	Project Preparatory Technical Assistance
RAC	Resettlement Advisory Committee
RAJUK	Rajdhani Unnayan Kartripakkha
RoW	Right of Way
SSMR	Social Safeguards Monitoring Report
SPS	Safeguard Policy Statement
ToR	Terms of Reference
UPVC	Unplasticized Polyvinyl Chloride
WASA	Water Supply and Sewerage Authority

WEIGHTS AND MEASURES

Km	-	Kilometer
m ²	-	Square Meter
Mm	-	Millimeter
m ³	-	Micrograms Per Cubic Meter

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EXECUTIVE SUMMARY

Dhaka Water Supply Network Improvement Project (DWSNIP) aims to improve provision of sustainable, reliable, and climate-resilient water supply in Dhaka city. It will enhance the distribution network efficiency gains achieved under two previous Asian Development Bank (ADB) financed projects to Dhaka Water Supply and Sewerage Authority (DWASA) for improving service delivery and capacity building.¹ DWSNIP impact will be (i) safe drinking water made available for all urban population, which is aligned with the Seventh Five-Year Plan, 2016-2020,² and (ii) coping with disaster and adapting to climate change and safeguard environment in the National Strategy for Water Supply and Sanitation.³ The outcome will be sustainable provision of more reliable, improved, and climate-resilient water supply in Dhaka city ensured. The outputs will be DWASA's (i) distribution network strengthened; (ii) sustainable District Metered Areas (DMA) management capacity enhanced; and (iii) capacity for quality service delivery enhanced.

DWASA has made consistent efforts in improving distribution network of water supply, including through ADB-financed projects: (i) Dhaka Water Supply Sector Development Program (DWSSDP), which aims to rehabilitate and reinforce water supply systems and build DWASA's capacity to optimize operational and financial performance; and (ii) Dhaka Environmentally Sustainable Water Supply Project (DESWSP), which aims to develop a new surface water scheme to augment water source and reinforce the distribution network. Under these on-going projects, distribution network improvement (DNI) works have been implemented in seven out of ten zones of Dhaka city by establishing DMAs and focusing on nonrevenue water (NRW) reduction in each DMA. Commissioned DMAs have achieved uninterrupted 24-hour piped water supply, reduced physical water losses from 40% to less than 15% with the current average of 4.95%,⁴ assured good quality potable water directly from taps without any other treatment, and authorized or legalized 9,500 connections. A remaining challenge for DWASA is to enhance the efficiency gains throughout its service area and reduce overall physical losses and nonrevenue water, which is still estimated to be about 26%.

Project components. First batch of ICB Package 2.12 covers 4 DMAs (701A, 701B, 702 and 703) which includes (i) rehabilitation about 74.57 km distribution network under Zone 1; (ii) upgradation of the existing Deep Tube Wells (DTW) (iii) service connections including installations of meter chamber, domestic meters and floating valve; and (iv) installations of valves, bulk meters and loggers, etc. For efficient and effective execution, the package has been implemented through a design-built contract.

The location of DMA 701 (A) covers the areas of Jatrabari, Kutubkhali, and Noya Nagar in Ward 62 of Dhaka South City Corporation (DSCC). The DMA 701 (B) is situated at Mridhabari, Shekdi, Shontek, and Kazir Gaon area in Ward 63 of DSCC. The DMA 702 is located at Chatrugram High way Road, Dhaniya, Rasulpur, Kutubkhali, Mawya Road in Wards 61 and 50. And, the DMA 703 covers the areas of Dhaniya, Muradpur, Kadomtoly, Sonir Akhra, Nasir Uddin Road, Dholyper of Wards 52 and 61 of DSCC. The total area of the sub-project is 2.18 sq. km. and it will be implemented with the District Metered Area (DMA) approach.

¹ ADB. 2007. *Report and Recommendation of the President to the Board of Directors: Proposed Loans and Technical Assistance Grant to the People's Republic of Bangladesh for the Dhaka Water Supply Sector Development Program* (Loan 2382 and 2383-BAN). Manila; ADB. 2013. *Report and Recommendation of the President to the Board of Directors: Proposed Loan and Administration of Loan to the People's Republic of Bangladesh for the Dhaka Environmentally Sustainable Water Supply Project* (Loan 3051-BAN). Manila. These two loans finance some of feasibility studies of this project.

² Government of Bangladesh, Planning Commission, Ministry of Planning. 2015. *Seventh Five-Year Plan: FY2016-FY2020*. Dhaka.

³ Government of Bangladesh, Policy Support Unit, Local Government Division, Ministry of Local Government, Rural Development and Cooperatives. 2014. *National Strategy for Water Supply and Sanitation*. Dhaka.

⁴ Physical losses in thirty commissioned DMAs range from 1.58% to 14.06% (DWASA estimates).

Selection of DMA. The four DMAs have been selected as 1st batch due to locations' importance, as the south eastern part and at the entrance point of the mega city Dhaka and all DMAs are located close to each other.

Updating the Resettlement Plan. In 2015-2016, the feasibility team investigated in order to collect data whether involuntary resettlement impact – structures and persons – could be affected by the sub-projects. A resettlement plan was developed that time for whole DMAs in ICB Package 2.12. Now, the resettlement plan has updated prior to commencement of the construction work. Census survey has been conducted in all four DMAs in order to identify involuntary resettlement impact. The pipeline will be laid within the existing Right of Way (RoW) that possess to Dhaka South City Corporation (DSCC). It is also the owner of the utility ROW. No new Deep Tube Well (DTW) is proposed for installation in these DMAs. Five DTWs will be replaced and regenerated under the package will not incur any loss of land, income or other adverse impacts. The replacement and regeneration work of the DTWs will be implemented on land that belongs to the Dhaka WASA/Bangladesh government. As the impact of the sub-projects would be minimal and no land acquisition will be required, thus the project has been categorized as **Category-B** for involuntary resettlement according to ADB's SPS 2009.

Water supply pipeline will be installed using trenchless technology and open cut method. The 1st batch of 4 DMAs - 701A, 701B, 702 & 703 are characterized by high population density, narrow roads, and high traffic congestion at most times of the day. The areas in all the DMAs have been developed in unplanned way, densely populated by lower and middle-income inhabitants. Along with resident, many shops, different small and medium industries and business are located in the areas. All the DMAs are located in the Jatrabari and its adjacent areas under the Dhaka South City Corporation (DSCC). Due to the significant pressure on the transport network in Dhaka, it is foreseen that any open trenching in or near roads, particularly in the larger roads, will be permitted during the night. For this reason and to minimize public disturbance, it is expected that trenchless techniques will be used for replacement and rehabilitation as well as network extension and service connections. In situations where the contractors prefer the traditional trenching technology, the case must be justified and approved by DWASA.

Scope of land acquisition and involuntary resettlement impacts. The resettlement plan provides an assessment of temporary and permanent impacts of the the 4 DMAs. During the survey and data collected by resettlement nongovernmental organization (NGO) and contractor for preparing resettlement plan, involuntary resettlement impact in terms of income loss of the street vendors was visible in the area. In all the DMAs are likely to have temporary livelihood impact on street vendors. The sub-project will not have any land acquisition and the implementation activities will be carried on the available government (i.e. DSCC) land. As per the assessment made during the transect walk, census and socio-economic survey, the sub-project during the implementation is likely to have temporary livelihood impacts on mobile vendors at some relatively busy roads and market areas. The field visits to the 4 DMAs under the sub-project areas were made in the months between June and October of 2021. The routes visited were based on the model design submitted by the contractor and current alignments were also considered. The date of the completion of the survey for this sub-project with these 4 DMAs was October 31, 2021, including all the survey works, including collection of demographic and other information, joint verification of project affected persons (PAPs) along with the design map by the joint verification (JV) team and incorporation of the recommendations by the JV team. In case of any change in design or alignment, leading to variation in impacts will require the resettlement plan to be updated.

The involuntary resettlement impacts for pipe-laying work will be mitigated and managed by Dhaka WASA as per the provisions of ADB's SPS-2009. The resettlement plan includes a description and summary of the impact, a social impact assessment of affected areas,

qualitative/quantitative details on the exact nature, scale and significance of impacts on people, formal and informal consultations, entitlement and compensation, institutional set up for implementation of resettlement plan, schedule of implementation, grievance redress mechanism, budget for implementation of resettlement plan and so on. Monitoring and implementation of the resettlement plan will be presented in the monthly progress report and finally in semi-annual social safeguard monitoring report for review by Dhaka WASA as per SPS 2009.

Involuntary resettlement impact. Census survey has been conducted in all 4 DMAs in order to identify involuntary resettlement impact. During the construction work, the involuntary resettlement impact will be temporary income loss from business to 32 mobile vendors in the streets and roadside footpaths of whom 28 are male and 4 are female. The total population is 123 (Male 76 and Female 47) belonging to the affected persons' families. All the affected persons are small-scale vendors who will move their belongings (i.e. wares and carts) easily. The movable characteristic of the businesses to be affected during civil work determines that there is no possibility of structure loss. No structure irrespective of types (permanent or semi-permanent) will be affected during the construction. Therefore, no relocation costs are needed. All the affected business owners can return to the original sites once the construction is completed. The resettlement cost is based on entitlement matrix agreed for the Project. The affected persons will lose average net daily income of BDT 625.00 derived from census for the period of disruption. The budgetary provisions for compensation have been made for 7 days for each affected person as per estimated income loss and number of days of disruption. If the actual number of days of disruption is higher, additional compensation will be paid. DWASA, DMS and Resettlement NGO have been monitoring the issue and if more than 7 days of disruption is found during civil work that will duly be mitigated by paying compensation to affected persons.

Resettlement budget. The resettlement cost for 4 DMAs (1st batch) under Package 2.12 is about BDT 154,000.00 at the exchange rate of USD 85.65 as of preparation date of present report is USD 1798. The cost included 10% contingency and will be met from Bangladesh government funds.

Mode of payment. Issuing cash cheque by the PMU will be the mode of compensation payment to the affected persons. Affected persons will receive cash from the Bank. Compensation for income loss, in accordance with the eligibility and entitlement, will be paid prior to commencement of civil work.

Institutional setup. Dhaka WASA is the Executing Agency (EA) for the project. A Project Management Unit (PMU) has been established in DWASA headed by a Project Director. Under the overall guidance of PMU and two Deputy Project Directors have executed the Resettlement Plan. The PMU is responsible for implementing and monitoring the activities of safeguards compliance, public relations activities, gender mainstreaming activities, and community participation activities.

I. PROJECT DESCRIPTION

A. Introduction

1. **Project description.** The Government of Bangladesh (GOB) has undertaken the project, Dhaka Water Supply Network Improvement Project (DWSNIP), with the objective of providing safe drinking water in Dhaka urban areas. The project is being financed jointly by the GOB and Asian Development Bank (ADB) and executed by Dhaka Water Supply and Sewerage Authority (DWASA). A PMU has been formed for DWSNIP under DWASA to supervise and manage the implementation of project activities to ensure timely completion of the project with quality. The implementation procedures of DWSNIP commenced in 22 November 2016 where Design, Management and Supervision (DMS) Consultants started working from March 2018 to assist PMU in managing and implementing the Project. The project cost estimate is BDT 31,824 million (USD 408 million) being funded by Asian Development Bank (ADB) to the extent of USD 275 million (Loan Number: 3397 BAN) and the balance (BDT 10,374 million / USD 133 million) is being financed by the Government of Bangladesh (GOB)⁵.

2. Dhaka Water Supply Network Improvement Project (DWSNIP) aims to improve provision of sustainable, reliable, and climate-resilient water supply in Dhaka city. It will enhance the distribution network efficiency gains achieved under two previous Asian Development Bank (ADB) financed projects of Dhaka Water Supply and Sewerage Authority (DWASA) by improving service delivery and capacity building.⁶

3. **Enhancing efficiency gains:** Development of urban infrastructure in Bangladesh has not kept pace with rapid urbanization. The provision of drinking water in Bangladesh's capital city Dhaka has been particularly challenging. Dhaka's population has been growing at 3.6% per annum since 2005, much higher than the national average of 1.1%, leading to increased demand for drinking water supply.⁷ DWASA, the water utility for Dhaka, serves 13.5 million people,⁸ and has made continuous efforts to improve its distribution network, among others, with support of two ADB-financed projects: (i) Dhaka Water Supply Sector Development Program (DWSSDP), which aims to rehabilitate and reinforce water supply systems and build DWASA's capacity; and (ii) Dhaka Environmentally Sustainable Water Supply Project (DESWSP), which aims to augment surface water source and improve parts of the distribution network⁹.

4. Under the ongoing two projects, distribution network improvement works have been implemented in seven out of ten zones of Dhaka city by establishing District Metered Areas (DMAs) and focusing on nonrevenue water reduction in each DMA. Commissioned DMAs show

⁵ Quarterly Progress Report, 2018-Q3, July to September 2018, DMS, DWSNIP, DWASA

⁶ ADB. 2007. *Report and Recommendation of the President to the Board of Directors: Proposed Loans and Technical Assistance Grant to the People's Republic of Bangladesh for the Dhaka Water Supply Sector Development Program* (Loan 2382 and 2383-BAN). Manila; ADB. 2013. *Report and Recommendation of the President to the Board of Directors: Proposed Loan and Administration of Loan to the People's Republic of Bangladesh for the Dhaka Environmentally Sustainable Water Supply Project* (Loan 3051-BAN). Manila. These two loans finance some of feasibility studies of this project.

⁷ United Nations Department of Economic and Social Affairs. 2015. *World Urbanization Prospects: The 2014 Revision*. New York.

⁸ DWASA is a service oriented autonomous commercial organization, entrusted with the responsibility of providing water supply, sewerage disposal, and storm water drainage services to the urban dwellers of Dhaka city.

⁹ ADB. 2007. *Report and Recommendation of the President to the Board of Directors: Proposed Loans and Technical Assistance Grant to the People's Republic of Bangladesh for the Dhaka Water Supply Sector Development Program* (Loan 2382 and 2383-BAN). Manila; ADB. 2013. *Report and Recommendation of the President to the Board of Directors: Proposed Loan and Administration of Loan to the People's Republic of Bangladesh for the Dhaka Environmentally Sustainable Water Supply Project* (Loan 3051-BAN). Manila. These two loans finance some of feasibility studies of this project.

good progress, which record uninterrupted 24-hour piped water supply, reduced physical water losses from 40% to less than 15% with the current average of 4.95%,¹⁰ assured good quality potable water directly from taps without any other treatment and all the authorized or legalized connections.

5. A remaining challenge for DWASA is to enhance efficiency gains throughout its service area and reduce overall physical losses and nonrevenue water (NRW) which is still estimated to be about 26%. In areas not covered by the ongoing projects, water losses remain the major cause of insufficient service delivery. Reduction of water losses will increase water availability for households, thereby reducing households' use of suction pumps and underground storage reservoirs. Reduction in NRW with appropriate tariff level will also generate additional revenues for DWASA.

6. **Impacts, outcome, and outputs.** The project impact will be (i) safe drinking water made available for all urban population, which is aligned with the Seventh Five-Year Plan, 2016-2020,¹¹ and (ii) coping with disaster adapting to climate change and safeguarding environment in the National Strategy for Water Supply and Sanitation.¹² The outcome will be sustainable provision of more reliable, improved, and climate-resilient water supply in Dhaka city.

7. The outputs will be (i) strengthened DWASA's distribution network; ii) enhanced sustainable DMA management capacity; and (iii) enhanced capacity for quality service delivery.

- (i) Output 1: **Strengthened DWASA's distribution network.** Further to the ongoing work of two ADB-financed projects¹³ the proposed project will contribute to improving the distribution network in Dhaka city including (i) new DMAs not financed by the on-going loans in seven zones,¹⁴ and (ii) additional financing to complete civil work contracts of DMAs under DWSSDP.¹⁵ The project will extend new or regularized connections to low-income communities where they rely on illegal water lines or private vendors and pay higher charges.
- (ii) Output 2: **Enhanced sustainable DMA management capacity.** Managerial and technical capacity of DWASA will be strengthened to sustain nonrevenue water at a low level. The project will assist DWASA in (i) preparing and implementing a sustainable nonrevenue water reduction plan;¹⁶ (ii) strengthening monitoring capacity at the zone level with renewed standard operating procedures,¹⁷ upgraded training modules, and supervisory control and data acquisition system (SCADA) and piloting automated meter reading; and (iii) enhancing in-house design capacity for sustainable DMA management.

¹⁰ Physical losses in thirty commissioned DMAs range from 1.58% to 14.06% (DWASA estimates).

¹¹ Government of Bangladesh, Planning Commission, Ministry of Planning. 2015. *Seventh Five-Year Plan: FY2016-FY2020*. Dhaka.

¹² Government of Bangladesh, Policy Support Unit, Local Government Division, Ministry of Local Government, Rural Development and Cooperatives. 2014. *National Strategy for Water Supply and Sanitation*. Dhaka.

¹³ In two on-going projects, DWASA has been rehabilitating existing water supply network in its five zones (Zone-3,4,5,8,10) and part of Zone-9 under DWSSDP; and Zone-6 under DESWSP out of ten administrative zones.

¹⁴ The proposed project will cover DMAs of seven zones (Zone-1, 2, 3, 4, 7, 9, 10) for serving the improved water to 6.5 million people with rehabilitated and new or regularized 234,000 connections.

¹⁵ The estimated cost of ADB's additional financing portion is \$36.9 million due to increased requirements of work and goods and price escalation.

¹⁶ Sustainable NRW reduction plan will include the long-term and annual targets of NRW; optimal DMA based organizational restructure; incentive mechanism; asset management plan, budget requirement, and training plan.

¹⁷ Standard Operating Procedure will include water loss assessment; water balance calculation; leakage management including pressure management, repairs, and active leakage control; asset management; and smart water management of IT devices.

- (iii) Output 3: **Enhanced capacity for quality service delivery.** The project will support DWASA to (i) prepare and implement operational and financial improvement plan through improving the existing 5-year corporate business plan;¹⁸ (ii) enhance its capacity for planning, design, construction supervision and project management; (iii) prepare and implement public awareness program for demand control, water conservation, and health and hygiene; (iv) enhance quality of service delivery to low-income communities including slums and informal settlements; (v) prepare and implement water quality monitoring system; (vi) implement gender action plan; and (vii) enhance project readiness of future investment.¹⁹

8. **Categorization.** The draft resettlement plan for Package ICB 2.12 (1st Batch DMAs: 701A, 701B, 702 and 703) is based on the detailed design. All the DMAs' model designs have been completed by contractors supported by DMSC²⁰. Compensation and entitlement principles of this resettlement plan are based on Bangladesh government's Acquisition and Requisition of Immovable Property Act, 2017 (ARIPA) and ADB's Safeguard Policy Statement (SPS), 2009. The pipeline will be laid within the existing DSCC Right of Way (RoW). The city corporation is also the owner of the utility ROW. No new Deep Tube Well (DTW) is proposed for installation in these DMAs – upgradation of the existing DTWs will be taken place. As the impact of the sub-projects would be minimal and no land acquisition will be required, the project has been categorized as **Category-B** for involuntary resettlement.

B. Proposed Water Network Components

9. **Description of the area.** The Package ICB 2.12 (1st Batch DMAs: 701A, 701B, 702 and 703) covers an area of 2.18 sq km situated in the eastern part of the capital city of Dhaka. These DMAs are located at Matuail and Shyampur areas in the Jatrabari, and Kadamtali *Thanas* (Police Station) under DSCC ward Nos. 50, 51 and 52, lying in DWASA operation Zone 7. The details of DMAs within each Thana and Wards are tabled below:

Table 1: Location & area of ICB 2.12 (1st Batch-DMA 701A, 701B, 702 and 703)

Package	DMA No	Area (Sq km)	Thana/Police Station	Wards
ICB 2.12	701A & 701B	0.93	Jatrabari	DSCC - 50
	702	0.71	Jatrabari	DSCC - 50
	703	0.54	Jatrabari and Kadamtali	DSCC - 51 & 52
Total		2.18		

Source: DMS Consultants, DWSNIP, August 2021

10. Dhaka city has started shaping towards the present position through the expansions along the river Buriganga, with the hands of many rulers, including the governments of present days, throughout the period of last three centuries. People from different parts of the country and different places of the subcontinent gathered along the area for living with different trades, ranging from small or tiny businesses to jobs with government level responsibilities. The overall scenarios changed for several times with the historic changes in ruling systems and eras. Due

¹⁸ The existing 5-year corporate business plan is comprised of sub-plans such as investment plan, financial plan, tariff plan and human resource development plan. In addition, the proposed project will include the sustainable non-revenue water reduction plan, water quality monitoring plan, and demand management plan in order to address next challenges for improving the quality of service delivery of DWASA.

¹⁹ DWASA will engage consultants to prepare future projects mainly for sewerage management.

²⁰ DMS Consultants, DWSNIP, August 2021.

to the high density of population in these areas, the quality of living has not improved up to optimum level due to inadequate infrastructural facilities prevailing in the area.

11. The overall environmental surroundings in old Dhaka area is not clean due to unplanned settings of residential houses associated with high population density, different businesses, small and medium size industries, poor or no maintenance of old canals and water bodies etc. There are some roadside water hydrants, which were established by the Dhaka Municipality and are now maintained by DSCC, as elsewhere in the Old Dhaka areas, are good sources of water for the local low-income level population.

12. **DMA 701A and 701B:** The area is under Jatrabari Thana (Police Station) with an area of about 0.93 square kilometer. The area is Semi-planned and is a residential zone mainly occupied by High-Middle class and middle-class families spread over the old Dhaka areas of Jatrabari, Kutubkhali, NoyaNagar, Mridhabari, Shekdi, Shontek, Matuail, Shyampur and Kazir Gaon, around the DSCC Ward no. 50. The population in the DMAs is about 240,000 (2015). There are 7 (seven) water pumps in the area, operated by the DWASA. This is mostly a residential, along with busy commercial areas, where there are some educational, religious and places of historical importance. Different institutions like 10 Primary Schools, 3 high schools, 20 Madrashes (Muslim educational schools), 4 Colleges and 15 Mosques are situated in the areas. 63 road side vendors / hawkers, have been identified who are running small businesses, are usually subjected to be affected by any construction works along the roads.

13. **DMA 702:** The DMA constitutes of the places like Chatrgram High way Road, Dhaniya, Rasulpur, Kutubkhali, Mawya Road and so on of the southern part of Dhaka area spread over the wards 50 of Dhaka South City Corporation. This DMA is under Jatrabati Thana with an area of 0.71 square kilometer. There is a total population of about 300,000 living in the area. This is mostly a residential, along with commercial areas, where there are some educational, religious and places of historical importance. There are 5 water pumps in the area, operated by the DWASA. Different institutions like 10 Mosques, 16 Primary Schools, 6 high schools, 18 Madrashes (Muslim educational schools), and 6 Colleges in the areas. 38 road side vendors / hawkers, have been identified who are running small businesses, are usually subjected to be affected by any construction works along the roads.

14. **DMA 703:** The area is under Jatrabari and Kadamtali Thana with an area of about 0.54 square kilometer. The area is Semi-planned one and is a residential zone mainly occupied by upper-middle class and middle-class families. The population in this DMA is about 80,000 (2015). Places known as Dhaniya, Muradpur, Kadomtoly, Sonir Akhra, Nasir Uddin Road, and Dholyper areas are situated along the DMA. The areas are along the major roads leading to different important locations of the country. Most of the residential places are located along with commercial places with transport related businesses around. There are some educational, religious and places of historical importance. There is 1 water pump in the area, operated by the DWASA. Different institutions like 12 Mosques, 5 Primary Schools, 15 high schools, 18 Madrashes (Muslim educational schools), 4 Colleges and 2 *bazaars* (market places) in the areas. 50 road side vendors / hawkers, have been identified who are running small businesses, are usually subjected to be affected by any construction works along the roads.

15. **Sub-project description.** The project aims to provide an improved water supply system that consists of infrastructure to collect, treat, store, and distribute water between water sources and consumers. The purpose of distribution system is to deliver water to the consumer with appropriate quality, quantity and pressure. Distribution system is used to describe collectively the facilities used to supply water from its source to the point of usage. The DWSNIP will enhance distribution network efficiency for improving service delivery and capacity building to

Dhaka Water Supply and sewerage Authority (DWASA). The output of this project will be (i) distribution network strengthened; (ii) sustainable district metered area (DMA) management capacity enhanced; and (iii) DWASA's capacity for quality service delivery enhanced.

16. The proposed project will be implemented with the DMA approach. Civil work proposed in the DMAs will include the rehabilitation and extension of distribution network including survey, design and installation. Service connections and installations of domestic meters and its chambers, float valves; supply and installations of pipes, valves (regular valves and special valves), water meters (domestic water meters and bulk meters), data-loggers, stop cocks and float valves, etc. will also be included in the DMAs. For efficient and effective execution, the package will be implemented through a design-build contract.

17. The sub-project of first batch of ICB 2.12 requires (i) rehabilitation of 74.57 km distribution network; (ii) service connections including installations of meter chamber, domestic meters and floating valve; and (iii) installation of valves, bulk meters and loggers, etc. For efficient and effective execution, the package will be implemented through a design-build contract, i.e. the civil work contractors are to prepare the detailed designs. However, no new Deep Tube Well (DTW) is proposed for installation in these DMAs – upgradation of the existing DTWs will be taken place. Detailed design and network mapping have been finalized by the contractors and DMS consultants. The involuntary resettlement impact will be happened mostly on the RoW and there is no need to further update in this resettlement plan as the resettlement plan has been updated based on the detailed design and the civil work will be started shortly. In case of any substantial change in design or alignment leading to a change in the involuntary resettlement impacts will require the resettlement plan to be updated; otherwise this resettlement plan will be final. The following Table 2 provides detailed information on the components of 4 DMAs under ICB 2.12.

Table 2: Major component of ICB 2.12 (1st Batch-DMA 701A, 701B, 702 and 703)

Sl.	Item	Description	Unit	Quantity
1	Network Rehabilitation under ICB-2.12	4 DMAs (701A, 701B, 702 and 703)	km	74.57
2	Area	Total area for 4 DMAs	km ²	2.19
3	Installation of Pipes and Fittings	HDPE (75-400 mm)	km	74.57
4	Household meter	Domestic water meter with AMR provision	Nos.	6620
5	Upgradation of Deep Tube wells (DTWs)	In order to maintain normal water supply	Nos.	12
6	Chlorinator	Liquid Chlorine with chlorination equipment	Nos.	12
7	SCADA	SCADA will be implemented in 4 DMA	Nos.	4

Source: Ludwig Pfeiffer, October 2021

18. **Ownership of the roads.** The owner of the roads through which the pipes are laid in the area is DSCC. It is also the owner of the utility ROW. The contractor has applied for the road cutting permission to the concerned City Corporation. The permission is expected to be obtained shortly. The following **Figure 1** shows the sub-project area (Map) and **Figure 2** shows the physical features and satellite image of the 4 DMAs (701A, 701B, 702 and 703) under the Package ICB 2.12.

Figure 1: Sub-project Location Map of DWSNIP, DWASA

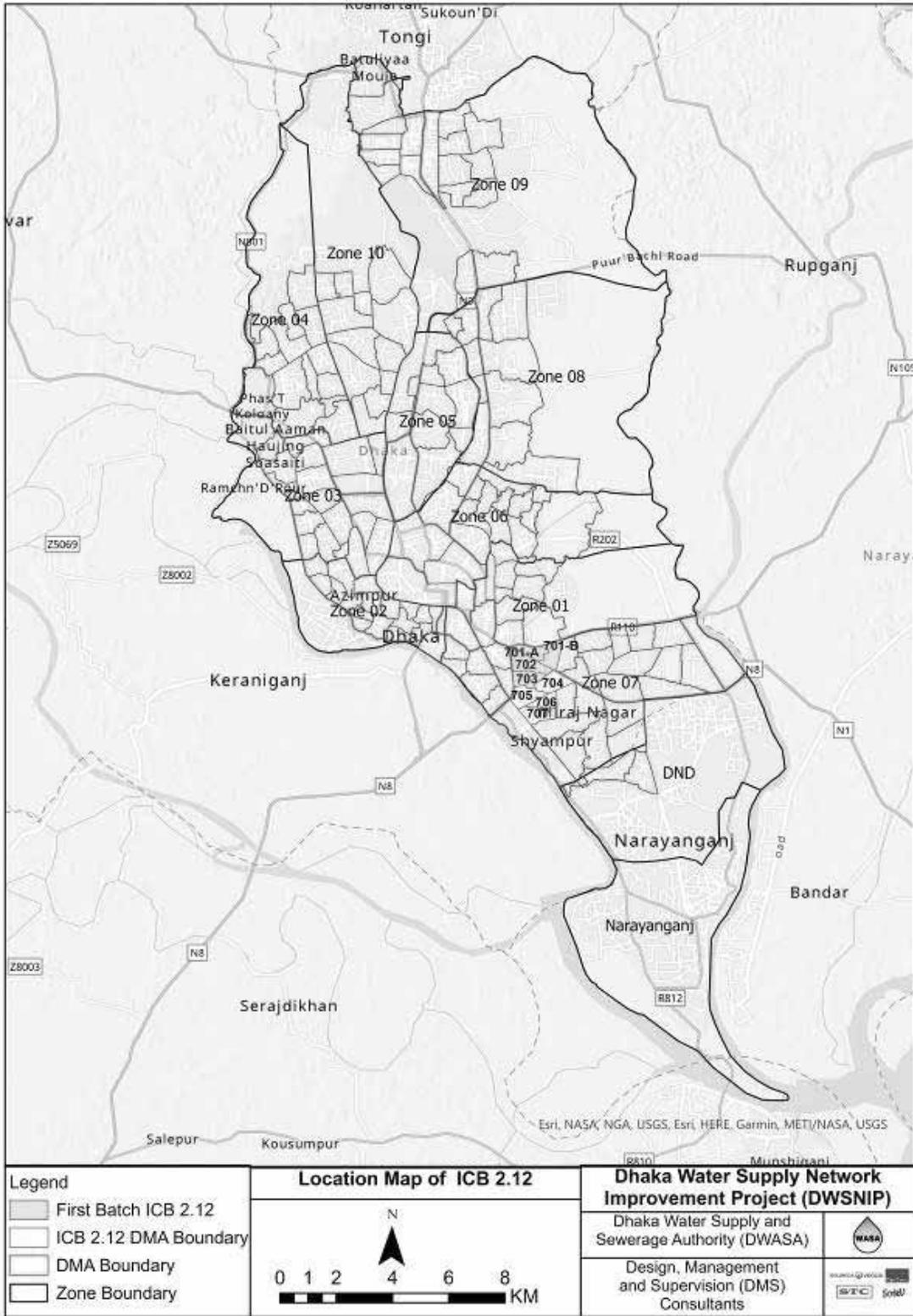
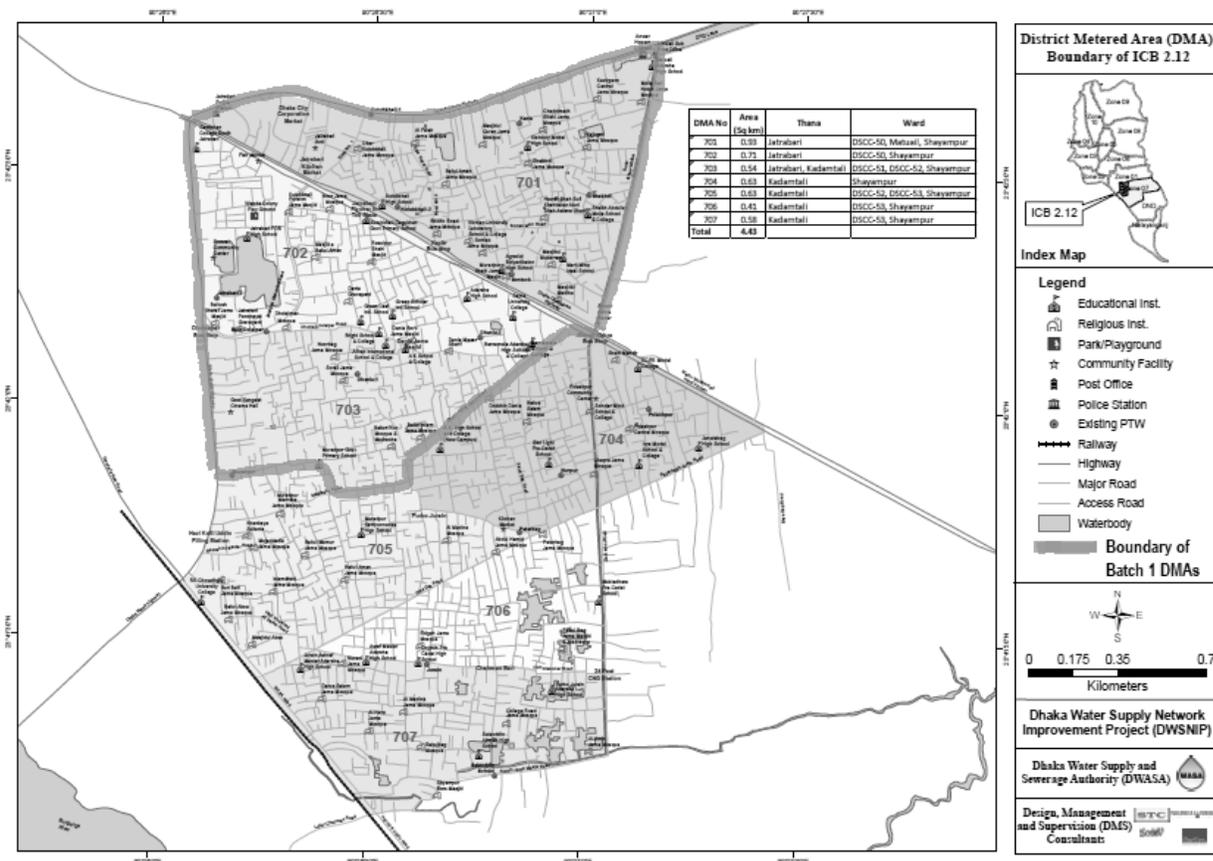


Figure 2: Sub-projects (DMAs 701A, 701B, 702 and 703) Location Map of ICB 2.12, DWASA



II. SCOPE OF LAND ACQUISITION AND RESETTLEMENT

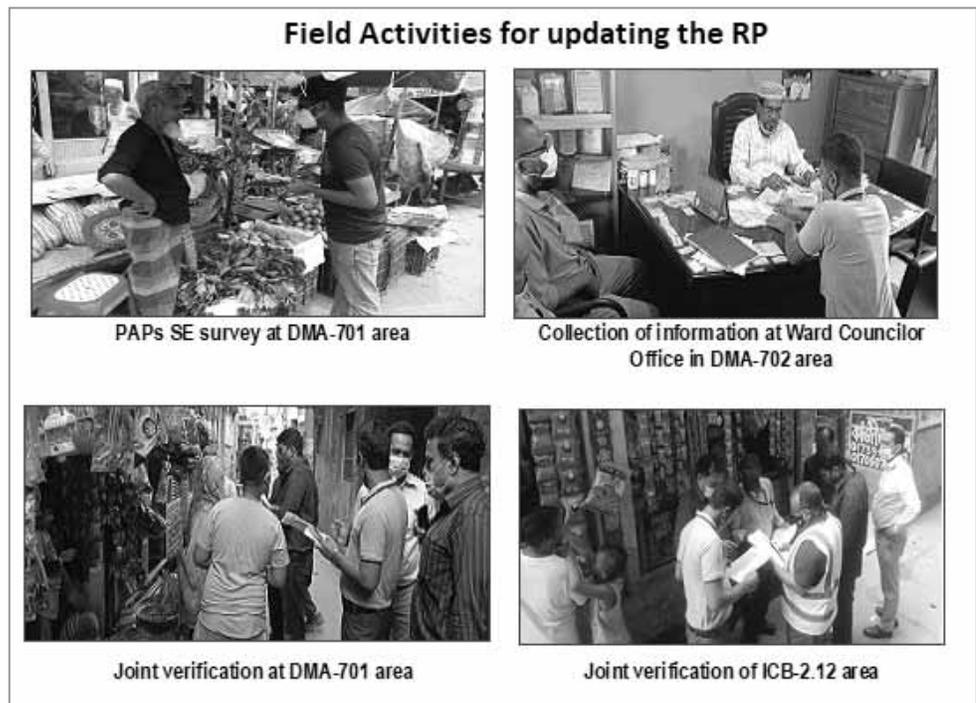
A. Assessment Methodology, Scope of Land Acquisition and Other impacts.

19. The scope of land acquisition and resettlement is identified based on field visits to the proposed network. Preliminary designs of the proposed infrastructure considered the following to reduce land acquisition and resettlement impacts: (i) no need to acquire land for the sub-projects under the Package ICB 2.12; the work will be implemented on government-owned land and/or within existing Right of Way (RoW), (ii) prioritizing rehabilitation over new construction, (iii) avoiding possible locations that will result in destruction/disturbance to historical and cultural places/values, (iv) avoiding tree-cutting where possible; and (v) ensuring planning and design interventions and decisions are made in consultation with local communities and reflecting inputs from public consultation and disclosure for site selection.

20. The resettlement plan provides the involuntary resettlement impacts in the 4 DMAs under the package of ICB 2.12. The sub-project will not have any land acquisition and the implementation work will be carried out on available government (DSCC) land. As per the assessment made during the census, the sub-project during the implementation is likely to have temporary livelihood impacts on mobile vendors in some relatively busy roads. Neither permanent impacts nor any structures that will require partial dismantling by the sub-project implementation. All the DMAs' models and detailed designs have been completed by contractors supported by DMSC. The census for investigating involuntary resettlement impact were based on the detailed design. In case of any substantial change in design or alignment leading to a change in the impacts will require the resettlement plan to be updated; otherwise this resettlement plan will be final. The date of the completion of the survey for this sub-project was October 31, 2021.

21. The resettlement impacts for civil work has been assessed and the result of the assessment will be mitigated by Dhaka WASA as per the provisions of ADB's SPS-2009. The resettlement plan includes a description and summary of the impact, a social impact assessment of affected areas qualitative/quantitative details on the exact nature, scale and

significance of impacts on affected people, informal consultations, entitlement and compensation, institutional set up for implementation of resettlement plan, schedule of implementation, grievance redress mechanism, budget for implementation of resettlement plan etc. The resettlement plan will be presented in monthly progress report



and finally in semi-annual social safeguard monitoring report for enabling review of social safeguard implementation by Dhaka WASA.

22. **Census of affected persons and inventory of affected assets.** A census has been conducted in all 4 DMAs in order to identify involuntary resettlement impact from August to October 2021, including socio-economic survey of the affected persons. Joint verification has also been taken place involving PMU, DMS, contractor and NGO representatives following ADB's SPS 2009. The date of the completion of the survey for this sub-project with these 4 DMAs was October 31, 2021. A total of 32 affected persons have been found who have been continuing their businesses on the streets will be affected by the pipe laying work. Summary of census result is depicted in the next section of 'Socio-Economic Information and Profile of Affected Persons' in **Appendix 3**. In case of any change in design or alignment leading to a change in impacts will require the resettlement plan to be updated.

23. **Data analysis and interpretation.** Results of the census were analyzed to determine the scale of involuntary resettlement impacts,²¹ estimated cost for mitigating the involuntary resettlement impacts and to establish the resettlement baseline data to be used during project monitoring and supervision.

B. Involuntary Resettlement and Impact during Construction

24. The resettlement plan was prepared during 2015-2016 for Zone 1 under ICB 2.12. Now the resettlement plan has been updated for the 1st Batch of ICB Package 2.12. All the water pipeline installations will take place in the RoW and along existing pipelines of DWASA. No private land acquisitions are anticipated and there is sufficient space to meet the requirements for implementation of the sub-project. Rehabilitation of 74.57 km of water distribution network and service connections will take place under the project. No new DTW is proposed for installation in these DMAs, upgradation of the existing DTWs will be taken place – thus, there is no involuntary resettlement impact in this field.

25. All the 4 DMAs – 701A, 701B, 702 and 703 are likely to have temporary livelihood impact on street vendors who have been operating their business in the street and footpaths. Most of the areas have been developed in unplanned way, densely populated by lower- and middle-income inhabitants. All the areas are in the ‘Old Dhaka’ areas under the Dhaka South City Corporation – characterized by unplanned roads and housing facilities, narrow roads and relatively moderate traffic in the DMAs with respect to other parts of Dhaka city at most times of the day. Due to the importance of the transport network in Dhaka, it is foreseen that any open trenching in or near roads, particularly in the larger roads, will be permitted during the night. For this reason and minimizing public disturbance, it is expected that trenchless techniques²² will be used for rehabilitation of network extension. In situations where the contractors prefer the traditional trenching technology,²³ the case must be justified and approved by DWASA.

26. The network improvement work will involve the pipe laying work in the streets of Dhaka city, which houses very large numbers of households, schools, hospitals, shops, businesses, industries, and other social and economic activities. As the network is located in roadways, people and activities will undoubtedly be disturbed during the construction period. The installation of distribution pipes and reticulation pipes will start tentatively from December 15, 2021²⁴. Mitigation measures against temporary disturbance for pedestrians and movement of vehicles to be addressed in the site-specific Environmental Management Plan (EMP) to be implemented by the contractors which would be closely supervised by the DWASA officials and DMS consultants. **Appendix 4** shows details of road wise pipe length, diameter, trench width (open cut) and pipe laying method whether it is open cut or trenchless²⁵. These have been finalized in line with detailed design. Site specific EMP will also address the management and mitigation measures.

²¹ (i) A census of all affected persons with basic demographic and socioeconomic data, such as household size, age, gender (especially of the head of household), ethnicity, occupation, household income, and vulnerability; (ii) an inventory of all affected assets located within the designated alignment of the project facilities.

²² This involves the use of horizontal direction drilling (HDD) which involves a hydraulic machinery to drill a horizontal tunnel for a new pipe or to insert a flexible plastic lining inside an existing pipe, so no trenches are dug, and excavation is limited to the entry and exit points.

²³ The size of trenches will depend on the diameter of the pipe, but most will be 0.3 to 0.7 m in width and 1.4 to 1.8 m deep.

²⁴ Data received from the CME ICB- 2.12, DMS Consultant, DWSNIP, DWASA, September 19, 2021

²⁵ DMS Consultants, DWSNIP, September, 2021

27. Since closures of all nearby roads are not expected during pipe laying work, it might be needed to halt movement of pedestrians and vehicles during the pipeline installation in relatively narrower roads. There are several roads in a locality. While a narrow road is in full closure, there are other roads which can be used. The contractors will address the issue and redress the grievances. There is also a traffic management plan (TMP) in ICB 2.12 prepared by contractors. Alternative route using plan, signage and related issues are incorporated in the TMP to guide road users on alternate routes available. Placing yellow caution tape where required, showing signboard and side safety post for safe movement as well as using alternative roads, deploying persons for helping vehicles and pedestrians regarding safety messages are means for mitigating the problem. Access, especially emergency access to required entities will be ensured implementing the site specific EMP during construction. The pipe laying work will take place near sensitive receptors like schools, hospitals etc. leaving spaces for access between mounds of soil, providing walkways and metal sheets to maintain access across trenches for people and vehicles where required, bamboo/pipe/steel sheet for land sliding; steel sheet for trench crossing; side safety post, yellow caution tape for person/vehicles that might fall into trenches; the trenches for the pipe laying is hardly 1.5 metre below from existing ground level, so there is no structural risk of building or other infrastructures; increased workforces to finish work in areas with impacts on access; determining timing of works to reduce disruption during business hours; phased construction schedule and working one segment at a time and one side of the road at a time to ensure that there is no income or disruption to access required places during sub-project construction. **Appendix 2** shows the roads in the 4 DMAs.

28. Project Management Unit (PMU) officials, consultants, contractors and Non-Governmental Organization (NGO) – Samahar, will organize meetings with stakeholders; hanging notice at Project Coordination Unit (PCU) i.e. zonal office of Dhaka WASA, DMS, contractor and NGO's site offices, and doing *miking* (message disseminating through loud speaker) to inform dwellers of the DMA when pipe laying work will start and end. Residents and businesses along the sub-project sites will be informed about temporary impacts such as increased noise, vibration, dust and restriction of vehicles movement during pipe laying activities.

29. There can be temporary economic impacts if roads are required to be closed for short periods and customers are unable to get access to shops, or if trenches are constructed near the sides of roads, and customers are impeded by the presence of trenches, excavated materials, workers and machinery. Although resulting losses in income will be small and short-lived, they can still be significant for street vendors. With the sub-project implementation, it is anticipated that there will be temporary livelihood impacts on street vendors, however, all affected persons/business will be compensated.

30. **Pit locations and its impacts.** Primary design and model design of all DMAs have not been finalized. However, it is evident from the discussions with engineers and contractors that beyond the detailed design there might require some pit considering any change in design or alignment. That change could bring impacts that were not identified by survey. NGO and contractors will regularly assess under the supervision of PMU officials and DMS consultants. In case any impacts are found during construction work that will duly be mitigated and compensated.

31. **Impact on street vendors.** All affected people are using government land or Right of Way to conduct their business or livelihood. Census survey has been conducted in both DMAs in order to identify involuntary resettlement impact. At all the 4 DMAs are likely to be temporary livelihood impact on street vendors who have been operating their business in the street and footpaths. During the construction work, the involuntary resettlement impact will be temporary income loss from business of 32 street vendors of whom 28 are male and 4 are female. The total

household members are 123 (Male 76 and Female 47) belonging to the 32 affected persons' families. All the persons who are involved as small-scale vendors will move their belongings easily. Since the businesses are mobile or movable, no structure loss is anticipated. All the affected business owners can return to the original sites once the construction is completed. All the affected persons are business owners; loss of employment / workdays (in the case of wage earners) owing to dislocation and relocation has not been found. **Appendix 2** shows the affected persons doing business on the roads in 4 DMAs. During the construction work, contractors will assist DMS and NGO to identify the unanticipated involuntary resettlement impact. If any impact occurs that will be duly mitigated and/or compensated by the project.

32. Considering installation of pipe lines through open-cut method, about 7 days of temporary disruption of livelihood is anticipated to each vendor. The method of pipe bursting and HDD for pipe laying work requires less time than open cut method²⁶. As per the assessment made during the census, implementation of the civil work is likely to have temporary livelihood impacts on street vendors in some relatively busy roads. only lose their daily income. Average daily net income of the affected persons is BDT 625. Affected persons will be compensated for their actual income loss disruption. If the actual number of days of disruption is higher than the 7 days specified, additional compensation will be paid. DWASA, DMS and Resettlement NGO have been monitoring the issue and if more than 7 days of disruption is found during civil work that will duly be mitigated by paying compensation to affected persons.

33. These vendors (affected persons) can return to their original sites after the construction.²⁷ The following Table 3 describes the involuntary resettlement impacts identified during the assessment of the package.

Table 3: Involuntary Resettlement Impacts in ICB 2.12 (1st batch)

SI	Area	Affected Persons (AP)	Temporary Economic Impacts	Remarks
1	DMA:701 A Mridhabari, Shekdi, Shontek, and Kazir Gaon	Affected persons: 5 Male: 5, Female:0 No. of affected HH members = 18 (Male-10, Female- 8); Children-7	Income loss for 7 days of each AP (Average daily income BDT 660)	Tiny movable shop; pots, wooden plates, rickshaw van - those will not be damaged or any other losses incurred in this regard, thus compensation is not required
2	DMA:701 B Mridhabari, Shekdi, Shontek, and Kazir Gaon	Affected persons: 3 Male: 3, Female:0 No. of affected HH members = 13 (Male-10, Female- 3); Children-4	Income loss for 7 days of each AP (Average daily income BDT 600)	
3	DMA:702 Chatrugram High way Road, Dhaniya, Rasulpur, Kutubkhali, Mawya Road	Affected persons: 9 Male: 8, Female:1 No. of affected HH members = 34 (Male-18, Female- 16); Children-11	Income loss for 7 days of each AP (Average daily income BDT 678)	
4	DMA: 703 Dhaniya, Muradpur, Kadomtoly, Sonir	Affected persons: 15 Male:12, Female: 3 No. of affected HH	Income loss for 7 days of each AP (Average daily income	

²⁶ Details of the methods of pipe installation e.g. open cut, PB and HDD are depicted in **Appendix 4**.

²⁷ Temporary livelihood involuntary resettlement impact – considered when affected person (can be mobile hawkers/vendors) is required to move to alternative locations during the construction phase and allowed to return once construction in the area is declared complete.

SI	Area	Affected Persons (AP)	Temporary Economic Impacts	Remarks
	Akhra, Nasir Uddin Road, Dholyper	members = 43 (Male-23, Female-20); Children- 18	BDT 587)	
	Total HH members in 4 DMAs	- Total affected HHs: 32 (Male-28, Female- 4) - Total HH members: 123 (Male-76, Female- 47);		Average daily income of all DMAs is BDT 625 (USD 7.3)

Source: Survey, Resettlement NGO, Samahar, October, 2021

34. **Affected Person with vulnerability and ethnicity.** The census and socio-economic survey undertaken by resettlement NGO, revealed that no affected persons to be vulnerable in the sub-project location. Moreover, no indigenous people/ethnic minorities are also found to be affected persons in the project locations.

III. SOCIOECONOMIC INFORMATION AND PROFILE OF AFFECTED PERSONS

35. Rehabilitation of 74.57 km of water distribution network will take place on the existing roads. The 4 DMAs are characterized by medium population density, planned roads and housing facilities, wider roads and relatively low traffic in the DMAs with respect to other parts of Dhaka city at most times of the day. Census survey did not identify impact on household structures in the project locations. During the construction work, the involuntary resettlement impact will be temporary income loss from business to 32 mobile vendors in the streets of whom 28 are male and four are female whose average daily net income is BDT 625.00. The total population is 123 (Male 76 and Female 47) belonging to the 32 affected persons' families. This has been verified in consultation with the community and survey conducted by Samahar, the NGO for Resettlement Works.

36. Any negative impacts on the women will be considered on a case-by-case basis and where eligible, the livelihood assistance will be provided to these households on a priority basis. However, a Gender Action Plan (GAP) has been prepared for DWSNIP to ensure gender equality and social inclusion. These are: (i) the GAP will provide for activities to include active participation of females in decision making capacity in DWASA. (ii) female-headed households are considered as vulnerable group as per entitlement matrix of this resettlement plan. Any negative impacts of a sub-project on female-headed households will be treated on a priority basis. FGDs with women have been conducted to address specific issues on gender equity. During disbursement of compensation and provision of assistance, priority will be given to female-headed households. And (iii) woman-friendly service delivery has been increasing in the DWSNIP including the poor and the marginalized stakeholders. The female HHs will receive preferential selection for the project related work (skilled or unskilled).

37. Most of the affected persons are living in the project locations for years and have family members who rely on their income. They are moderately successful in street business. The construction work of the project will affect their small business outlet and they will temporarily lose their income. However, all affected persons (100%) expressed their strong willingness to continue with their business in the same area after construction work is completed.

38. The average family size is 3.8. There are 40 children, of age less than 18 years, in the families of affected persons. Among them 11 are of age under 5 years and 29 are in the age range from 6 to 18 years.

39. **Age.** The average age of potential affected persons is 38.5 years, ranging from 15 years to 55 years. Majority of affected persons ages fall in the range of 21-40 years (47%), when 25% are in the range of 41-50 years, and other 25% are in the ranges of 51-64 years and 3% are below age of 20 years.

40. According to the survey, 12.5 % of the APs are illiterate, cannot read or write, when about 60% have completed primary level education. About 10% have some literacy but not completed primary level education, while 2 APs (6%) have completed SSC and other 2 (6%) have education of HSC levels.

41. Among the family members of the PAPs, 5 % have no literacy, 31% can read or write, 40% have completed primary level education, 13% have secondary level education and 11% have education at levels of higher secondary or higher.

42. **Business type.** The major businesses of the affected persons are found running grocery shops (53%). The second major businesses are running vegetable selling (19%) and Tea stall shops (19%). Others are engaged in selling different stationeries (6%), cell phone recharging (3%) and selling poultry (3%) businesses.

43. 27% of the family members of the PAPs are engaged as the housewives, 40% are students when about 2 % are engaged with shop keeping at the family businesses, 2 % are engaged as temporary day laborers or other jobs and 29 % are unemployed.

44. **Investments.** The average investment of affected persons, in their businesses is BDT 80000. The majority of the affected persons (24%) have invested BDT 20000 or less, when 62% of the APs have investments within BDT 70001 and BDT 100000. Only about 16% have invested more than BDT 100000.

45. **Daily income.** Average daily income of affected persons is BDT 625. Among all the affected persons, 16% have daily income of around BDT 500 only, when 44 % of APs have income of BDT 600 and 40 % of AP has income of BDT 700 only, as found in the survey. All the affected persons will face daily income loss from the development works to be implemented by the project. Details of each affected person, type of loss, photos and related information are attached in **Appendix 3**.

IV. INFORMATION DISCLOSURE, CONSULTATION, AND PARTICIPATION

46. Public participation and community consultation have been taken up as an integral part of the project's social and environmental assessment process. Consultation was used as a tool to inform and educate stakeholders about the project. The participatory process helped in involving the local people in project activities. Initial public consultation has been carried out in the project areas by Dhaka WASA with the objectives of minimizing probable adverse impacts of the project as well as alternate design solutions. Consultations were held during project preparation stage with project beneficiaries, elected representatives of the local body and officials of the Dhaka WASA in order to inform stakeholders about the project and accelerate implementation of the project.

47. The extent and level of involvement of stakeholders at various stages of the project from design to throughout implementation has opened up the line of communication between the various stakeholders and the project implementing authorities, thereby aiding the process of resolving conflicts at early stages of the project rather than letting it escalate into conflicts

resulting in implementation delays and cost overrun. Further, successful implementation of the resettlement plan is directly related to the degree of continuing involvement of those affected by the sub-project. Resettlement NGO, SAMAHAR, is responsible for conducting consultations with affected persons.

48. In order to the stakeholder engagement process, representatives to be affected persons by the project, local community leaders have been invited to attend the meetings and/or focus group discussion. Mandatory health protocols for gathering has been observed, as the consultation meetings and/or FGDs were held in the context of the COVID-19 pandemic. Invited participants were asked if they are experiencing fevers, coughs, colds, and other symptoms; those who have been syndrome of these sickness have not been allowed in the meetings.

49. The Resettlement NGO will conduct further consultation. i) In case of any change in the distribution pipeline alignments, the affected persons and other stakeholders will be consulted regarding the factors that necessitated the change, efforts taken to minimize resettlement impacts and mitigation measures available in accordance with the principles of the resettlement plan. ii) Samahar will carry out information dissemination sessions in the project area and solicit the help of the local Ward Councillors of DSCC/community leaders. iii) During the implementation of resettlement plan, PMU will organize public meetings, and will apprise the communities of the progress in the implementation of project works.

50. In course of developing the resettlement plan for 4 DMAs of ICB 2.12, intensive field visit, census survey, and some formal and informal meetings with stakeholders were conducted from September to October 2021. Public consultations done in following way (a) Walk-through informal group consultations were held in the project area; (b) The local communities were informed through public consultation on project interventions, including its benefits; (c) The social and environmental concerns and suggestions made by the participants were listed, discussed, and suggestions accordingly incorporated in the resettlement plan and EMP; and (d) Various forms of informal public consultations (consultation through ad-hoc discussion-site) have been used to discuss the project activities.

51. The Resettlement NGO has conducted 18 meetings and discussion sessions like the tea stall meetings and FGDs with stakeholders during the up-gradation of this resettlement plan. A total of 237 local residents (male-209 and female-28) including businessmen, service holders, teachers, laborers, shop keepers, students, housewives and few community leaders representing the area participated in the meetings. Issues related to the project have been shared with the participants. The local communities and people have unanimously been welcoming the project activities and responded that they would provide all-out cooperation to the project activities, nobody is against it. In the consultation meetings, different problems related to water have been revealed. Detail of the meetings including attendance are depicted in **Appendix 1**.

52. Migrant people come from rural area to the city explicitly to get works. They take whatever work they are able to find. The poor migrants have been found in the project locations involving rickshaw-pulling, daily work as labourer, vegetable selling, tea stall business, fruit selling, cigarette / betel leaf selling, shoe repairing, snacks (pitha, puffed rice, chotpoti, drinks etc.), road side restaurant business and so on. They may not have well facilities with bed, kitchen, hygiene toilet and safe water for living. Roadside water taps found in the areas are the main source of water for these people. It is revealed in the meetings with local inhabitants that these roadside water taps must be continued in the upcoming civil work under DWSNIP. Some poor households don't have any water supply home connection. They requested consider the issue and provide stand points at different locations also, so poor inhabitants can access to have safe

drinking water.

53. Participants during meetings emphasized non-stop water supply to extinguish fires that took place in Dhaka city including old Dhaka recently. They also said, water hydrants are considered the best solution in places which lack adequate water reserves. Rivers that are surrounded in Dhaka city are being extremely contaminated and dried up in dry season. Most of the canals and lakes those were laying like a net in Dhaka are being filled up and grabbed by miscreants. People and fire brigade wouldn't have to cry for water if all of the water bodies were maintained properly. For these particular reasons, participants demand water hydrants to be set up at different places to counteract emergency situations, when a water source is an utmost and only important option, under the project.

54. Project components and its benefits, impacts and resettlement issues were discussed, and opinions exchanged with the community and affected persons. Majority of the participants in the discussions with the affected people demanded compensation for their income loss. In most of the cases the route along main roads are free from impacts. Vendors in the smaller lanes in the interior will be the ones most affected.

55. There is great enthusiasm in the community about the new water supply work in this area. Many local and affected persons that it is essential for the community to have supply of safe water, even if it means their businesses must be closed down during the construction period. Demand for a new line with fresh water is very high. People have experienced a lot of physical and emotional/relational sufferings in the way they collect water from the other areas/pumps. It costs them a lot in terms of both time and effort.

56. Relevant resettlement information (summary of the resettlement plan) translated in local language (Bengali) will have to be provided at accessible places in a timely manner. The updated resettlement plan will be made available at PMU, Dhaka WASA and PCU offices. The resettlement plan may also be disclosed on websites of Dhaka WASA, PMU and ADB. Information dissemination and consultation will continue throughout the implementation of the project activities.

57. The program on public consultation and disclosure with all interested and affected parties will continue throughout the project implementation, and shall include: (i) Consultations during construction phase: public and small-scale meeting with affected communities will be conducted to discuss project activities, construction works, schedule to reduce disturbance and other impacts and various social issues that may occur when construction starts. (ii) Project disclosure: (a) public information campaigns (leaflet distribution to the communities; the **Appendix 8** shows the leaflet in Bangla and draft project information disclosure) to the wider city population and preparing them for disruptions they may experience once construction is underway (b) public disclosure meetings at key project stages to inform the public of progress and future plans and to provide copies of summary documents in local language (c) formal disclosure of project progress reports and documents in the project websites in local language. The following photographs portray the consultation meetings during upgradation of the resettlement plan.

58. **Involvement of NGO, CBO and woman organizations.** The Non-governmental Organizations (NGO) and Community Based Organizations (CBO) representing women at different levels are actively involved in the project interventions in particular to the resettlement activities. Role of Samahar will include: (a) organizing and implementing consultation and disclosure activities described above, and the various awareness raising campaigns; (b) distributing leaflets and other education materials among the city dwellers; (c) implementing

Resettlement Plans in each hydraulic zone and distributing entitlements; (d) organizing training for DWASA staff (including Environment and Resettlement Cells and affected communities); (e) assisting PMU and PCUs with other technical tasks for example conducting some of the resident surveys for the Environmental Management Plan, where an established relationship with the communities is essential; (f) ensuring that views of women and vulnerable groups are equally represented in project committees and other decision making bodies.

V. GRIEVANCE REDRESS MECHANISM (GRM)

59. A project-specific Grievance Redress Mechanism (GRM) has been established to receive, evaluate, and facilitate the concerns, complaints, and grievances about the social safeguards' performance as well as related to construction work. The GRM for the project is given time-bound schedules and with responsible persons identified to address grievances and seek appropriate persons' advice at each stage, as required. To ensure impartiality and transparency, hearings on complaints have been remained open to the public. The GRCs are to record the detail of the complaints and their resolution in a register, including intake detail, resolution process and the closing procedures. PCUs have maintained Grievance Registers that are assisted by NGO.

60. Grievances/suggestions of affected persons can be dropped in suggestion boxes or conveyed through phone or mail. Affected Persons will also be able to register grievances – social, environmental or others issues personally at Complaint Cell of DWASA head quarter (PMU) and Zonal offices (PCU) of DWASA. The concern designated official will be able to correctly interpret/record verbal grievances of non-literate persons and those received over telephone. The Complaint Cell will also serve as public information centres, where - apart from grievance registration, information on the DWSNIP, sub-projects, social and environmental safeguards can be provided.

61. Periodic community meetings with affected communities to understand their concerns and help them through the process of grievance redress (including translation from local dialect/language, recording and registering grievances of non-literate affected persons and explaining the process of grievance redress) will be conducted if required. Grievances received and responses provided will be documented and reported back to the affected persons. The number of grievances recorded and resolved, and the outcomes will be displayed/disclosed in the offices of the different Zonal office of DWASA and web.

62. PMU will periodically review the functioning of the GRM and effectiveness of the mechanism, especially on the Project's ability to prevent and address grievances. All costs involved in resolving the complaints (meetings, consultations, communication and reporting/information dissemination) will be borne by PMU.

63. DWASA-wide public awareness campaigns will ensure that awareness on grievance redress procedures is generated through the campaign. The designated safeguard focal person of DWASA safeguard Implementation Unit (SIU) and concerned staff of the project DWSNIP will conduct wide awareness campaigns to ensure that poor and vulnerable households are made aware of grievance redress procedures and entitlements, and will work with the PMU to help ensure that their grievances are addressed.

64. Affected persons will have the flexibility of conveying grievances/suggestions by dropping grievance redress/suggestion forms in complaints/suggestion boxes that have already been installed by project or through telephone hotlines at accessible locations, by e-mail, by post, or by writing in a complaint register in the project office.

65. **Grievance redress process.** In case of grievances that are immediate and urgent in the perception of the complainant, the contractor and DWSNIP on-site personnel will provide the most easily accessible or first level of contact for quick resolution of grievances. Contact phone numbers and names of the concerned PMU safeguard focal person and contractors will be posted at all construction sites at visible locations.

66. Grievance Redress Committees (GRCs) were established to ensure stakeholders' participation in the implementation process. Through public consultations, the affected persons will be informed that they have a right to grievance redress from DWASA. The affected persons can also call upon the resettlement NGO to assist them in presenting their grievances or queries to the GRC. Other than disputes relating to ownership right and award of compensation by the deputy commissioner under the court of law, GRCs have reviewed grievances involving all resettlement assistances, relocation, and other supports. Grievances will be redressed within 35 days from the date of lodging the complaints.

67. The GRCs will be activated during resettlement plan implementation to allow affected persons sufficient time to lodge complaints and safeguard their recognized interests. Where land acquisition will not be involved but relocation of structures or vacating land for cultivation will be required, the GRCs will facilitate resolution of complaints regarding categorization of vulnerable affected persons, types of structures, and eligibility for compensation and assistance within the set guidelines and provisions of the resettlement plan.

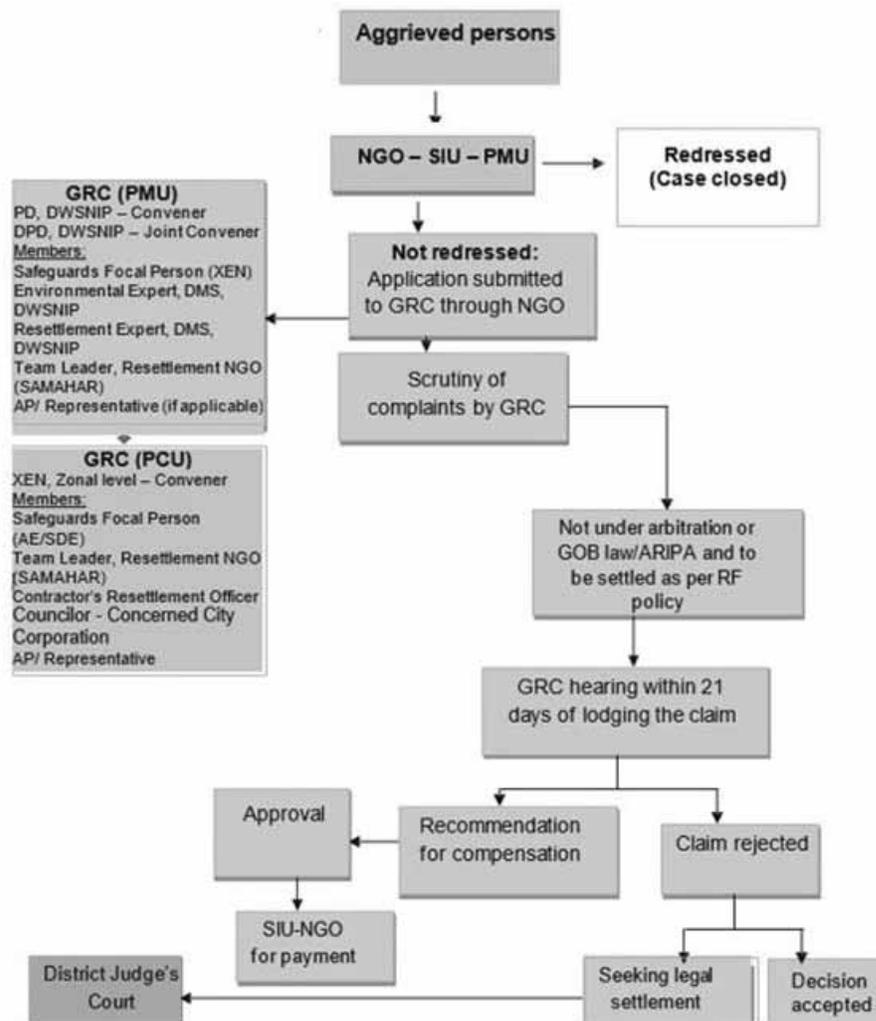
68. To ensure access and fast response to any project-related grievances from the affected people and communities, contact numbers and names of focal persons in the DWASA PMU/SIU responsible for any complaints and grievances will be posted in public areas, contractor's field offices, and NGO field offices. Procedures of resolving grievances are described in Table 4 below.

Table 4: Grievance Redress Procedures

Step 1	In case of any grievances, the complainant approaches the NGO field level officials for clarification or submits any formal complaints. The NGO will provide clarification to the affected persons and try to resolve the problem at the local level with the involvement of the SIU social safeguards officer.
Step 2	The NGO will recommend that the affected persons submit their complaints to the GRC. NGO staff assists the affected persons filing the complaints and organizes hearing within 14 days of receiving the complaints.
Step 3	GRC to scrutinize applications, to determine whether the submitted cases are within their mandate. If the case is within the GRC mandate and not related to compensation under GOB law, GRC will hold sessions with aggrieved affected persons, minutes recorded. The GRC will provide recommendation for PD for review and approval.
Step 4	The GRC minutes, approved by the project director, will be received at the conveners' office. The approved verdict is communicated to the complainant affected person in writing. The affected person may accept GRC decision; if not, he/she may file a case in the court of law for further appeal.

69. The flow chart of GRM is illustrated in following page as **Figure 3**.

Figure 3: The Flow Chart of Grievance Redress Mechanism



70. In the event that the established GRM has been initiated to resolve the issues, the affected person also can use the ADB Accountability Mechanism (AM) through directly contacting (in writing) the Complaint Receiving Officer (CRO) at ADB headquarters or the ADB Bangladesh Resident Mission (BRM). The complaint can be submitted in any of the official languages of ADB's DMCs. The ADB Accountability Mechanism information will be included in the PID to be distributed to the affected communities, as part of the project GRM.

71. **Record keeping.** Records of all grievances received, including contact detail of complainant, date the complaint was received, nature of grievance, agreed corrective actions and the date these were affected, and final outcome will be kept by PMU. The number of grievances recorded and resolved, and the outcomes will be displayed/disclosed in the PMU office, and on the web, as well as reported in monitoring reports submitted to ADB on a semi-annual basis.

72. **Review and documentation of lessons learned.** The PMU safeguard officer will review the functioning of the GRM in each district level and record information on the effectiveness of the mechanism, especially on the project's ability to prevent and address grievances.

73. **GRM costs.** All costs involved in resolving the complaints (meetings, consultations, communication and reporting/information dissemination) will be borne by the concerned PMU at Central level; while costs related to escalated grievances will be met by the PMU.

74. Sample Grievance Registration Forms in English and Bangla are attached in **Appendix 6**. These will be filled by PCU safeguard focal person. NGO staff are in charge to facilitate for GRM monitoring and record keeping.

75. Resettlement NGO has facilitated to organize the Grievance Redress meeting with engineers, safeguards' focal person and other stakeholders about sharing information of project-related grievances, file keeping of the grievances and the quick responses to the grievances. The system to make smooth the execution of construction works without hampering to local community and minimize the complaints. The aims of 2.12 package to develop an efficient, effective, and accountable urban water supply to selected DMAs by establishing and implementing policies, establishing service standards, and enhancing DMAs coordination.

VI. POLICY AND LEGAL FRAMEWORK

76. **Safeguards policy statement, 2009.** ADB's SPS, 2009 applies to all ADB-financed and/or ADB-administered sovereign projects and their components, regardless of the source of financing, including investment projects funded by a loan, a grant, or other means.

77. ADB's SPS also applies when the land acquisition process has begun or been completed and/or population has already been moved in anticipation of ADB support. Involuntary resettlement actions in anticipation of ADB support generally refer to actions that preceded ADB support. In such cases ADB's due diligence will identify if there are any outstanding grievance or resettlement actions in noncompliance with ADB SPS requirements. If such outstanding issues are identified, ADB will work with DWASA and PMU to ensure appropriate mitigation measures are developed and implemented with an agreed timeline. It is also important for ADB's due diligence to assess potential risks associated with the project, even if the government's previous resettlement actions are not done in anticipation of ADB support.

78. **Laws and policies of Government of Bangladesh.** The Acquisition and Requisition of Immovable Property Act (ARIPA), 2017 and its subsequent amendments in 1993 and 1994 are the applicable Government of Bangladesh legal and policy framework. ARIPA does not cover non-titleholders, such as encroachers, informal settler/squatters, occupiers, and informal tenants and leaseholders without documents. ARIPA also does not provide for replacement cost of the property acquired and has no provision for resettlement assistance for restoration of livelihoods of displaced persons, except for legal compensation for land and structure. Further, in a majority of the cases, the compensation paid does not constitute market or replacement cost of the property acquired.

79. This resettlement plan and entitlement matrix therein represent a uniform document agreed upon by both the Government of Bangladesh and ADB to ensure compliance with their respective rules and policies.

VII. ENTITLEMENTS, ASSISTANCE AND BENEFITS

A. Types of Losses and Affected Person Category

80. The types of losses – permanent or temporary, total or partial due to the project include (i) loss of income from business; and (ii) interruption of access from residence to working place

and trading.

81. According to ADB's SPS, 2009, the context of involuntary resettlement, affected persons are those who are physically relocated, or lose residential land, or shelter and/or economically displaced (with loss of structure, assets, access to assets, income sources, or means of livelihood). The absence of formal and legal title to the land should not prevent the affected person to receive compensation and resettlement assistance from the project.

82. The following categories of affected persons are likely to be impacted due to the implementation of the project:

- a. Affected persons losing income or livelihoods – affected persons whose business as source of income, or livelihood are affected temporarily.

B. Principles, Legal, and Policy Commitments

83. The following specific principles based on ARIPA-2017 and ADB's SPS, 2009 have been taken up to update this resettlement plan.

- (i) Land acquisition and resettlement impacts on persons displaced by the project would be avoided or minimized as much as possible through alternate design/engineering options;
- (ii) where the negative impacts are unavoidable, the persons displaced by the project and vulnerable groups will be identified and assisted in improving or regaining their standard of living, special attention will be given to the vulnerable groups to ensure that their living standard will be improved;
- (iii) information related to the preparation and implementation of this resettlement plan will be disclosed to all stakeholders in a form and language understandable to them; and people's participation will be ensured in planning and implementation;
- (iv) displaced persons who do not own land or other properties, but have economic interests or lose their livelihoods, will be assisted as per principles described in the entitlement matrix of this Resettlement Plan;
- (v) before starting civil works, compensation and resettlement and rehabilitation assistance will be paid in full in accordance with the provisions described in resettlement plan;
- (vi) for non-titleholders such as informal settlers/squatters and encroachers, the date of completion of survey before starting civil work will be the cut-off date, which will be declared by DWASA;
- (vii) appropriate GRM will be established to ensure speedy resolution of disputes;
- (viii) all activities related to resettlement planning, implementation, and monitoring will ensure the involvement of women and other vulnerable groups;
- (ix) consultations with the affected persons will continue during the implementation of resettlement and rehabilitation works; and
- (x) a clause in the contract agreement that the construction contractor/s will be required to repair to pre-works condition or compensate any loss or damage caused by his execution of works.

C. Entitlement

84. The Entitlement Matrix (Table 5) specifies that any displaced person will be entitled to (i) compensation for loss of business income.

85. In accordance with the DWSNIP, all displaced persons will be entitled to a combination of compensation packages and resettlement assistance, depending on the nature of ownership rights on lost assets, scope of the impacts including socio-economic vulnerability of the displaced persons, and measures to support livelihood restoration if livelihood impacts are envisaged. The temporary loss envisaged in this resettlement plan is loss of income from business. Mode of payment will be used for giving compensation is cash cheque issued by the PMU that affected persons will receive from Bank.

86. The principle for determining income and livelihood loss is restoring the loss of income and workdays experienced by the displaced households. Additional assistance will be required for affected person categorized as poor and vulnerable, if any.

Table 5: Entitlement Matrix

Type of Loss	Specification	Eligibility	Entitlements
1. INCOME RESTORATION			
Businesses	Temporary business loss due to land acquisition and/or resettlement or construction activities of project	Owner of business (registered, informal)	Cash compensation equal to lost income during period of business interruption based on tax record or, in its absence, comparable rates from registered businesses of the same type with tax records or Government of Bangladesh registered minimum wage, whichever is higher Assistance to re-establish business. Affected persons will be provided 7 days advance notice, followed by a reminder a day before construction If required, they will be assisted to temporarily shift for continued economic activity and then assisted to shift back, post construction.
2. SPECIAL PROVISIONS			
Vulnerable affected persons **		All vulnerable affected persons	Subsistence allowance of minimum of 2 months of official minimum wage* Preferential selection for project-related employment ²⁸ (for vulnerable).
Other un-identified impacts	Unanticipated impacts and negotiated changes to entitlements.***	All affected persons	To be determined in accordance with the involuntary resettlement safeguards requirements of the ADB's SPS-2009 Project resettlement plan to be updated and disclosed on ADB website Standards of the entitlement matrix of the resettlement plan not to be lowered.

²⁸ Any 1 member of the vulnerable APs' household who is able and willing to work, will be provided the option of project-related employment.

* The Minimum Wage Tk 8,000 (monthly) will be applicable as the wages refer to monthly minimum pay for workers in the garment industry in Bangladesh; this minimum wage at the time of resettlement plan implementation / compensation payment will be applicable.

** The following categories of displaced persons have been identified as vulnerable groups in the project: poor (BPL), persons with disabilities, landless or without title to land, female-headed households, elderly, children including child labour and orphans, and small ethnic communities. The eligibility for elderly will follow the definition of the Department of Social Service of Ministry of Social Welfare, Government of Bangladesh that uses 65 years age for man and 62 years age for woman to define elderly people.

***Any unanticipated impacts of the project will be documented and mitigated based on the policy agreed by Dhaka WASA in consideration of ADB's SPS-2009.

VIII. RELOCATION AND INCOME RESTORATION

87. The sub-project will not result in any physical displacement due to permanent impact except temporary impacts on likely income loss of livelihoods of street vendors for certain number of days due to disruption of businesses at few places of 4 DMAs (1st Batch DMA 701A, 701B, 702 and 703) during construction work. Compensation will be paid by PMU, Dhaka WASA as per the result of census following entitlement matrix. Affected persons suffering temporary income loss from business are eligible for the cash assistance based on the average net daily income BDT 625.00 derived from census. The budgetary provision for compensation has been made for 7 days for each affected person. Mode of payment will be used for giving compensation is cash cheque issued by the PMU. Compensation for income loss, in accordance with the eligibility and entitlement, will be paid prior to commencement of civil work.

88. **Additional assistance to vulnerable groups.** The following categories of displaced persons are considered as vulnerable groups in the project: poor (BPL), persons with disabilities, landless or without title to land, female-headed households, elderly, children including child labour and orphans and who are from small ethnic communities. In line with the provisions of the entitlement matrix, each vulnerable affected person will have additional allowance, along with actual compensation, at two times of minimum wage BDT 8000²⁹ in order to enabling improvement of their socioeconomic status. There are no vulnerable affected persons found in the area.

89. The sub-project will seek to minimize resettlement impacts by carrying out civil works at night along with daytime for installing pipeline. Consistent with the initial environmental examination, contractors will ensure: leaving spaces for access between mounds of soil, providing walkways and metal sheets to maintain access across trenches for people and vehicles where required, increasing workforces to finish work in areas with impacts on access, determining the timing of works to reduce disruption during business hours, phasing construction schedule and working one segment at a time and one side of the road at a time to ensure that income or access loss during sub-project construction is avoided or minimized.

IX. RESETTLEMENT BUDGET

90. The resettlement cost estimate for this sub-project includes compensation in case business interruptions prove to be unavoidable. Resettlement assistance to affected persons will be disbursed prior to commencement of civil work after examining by PMU, Dhaka WASA on requirements on case by case basis for record and monitoring purpose. During resettlement

²⁹ The Minimum Wage for this project is the minimum wage for workers in the garment industry in Bangladesh which is Tk 8,000 per month. This Minimum Wage is taken from the gazette issued by the Ministry of Labor and Employment, Government of the People's Republic of Bangladesh on January 24, 2019. This is an updated version of the notification issued on 25th November 2018; of S.R.O no 345 - law/ 2018 (Please refer to **APPENDIX 5** for the gazette notification on minimum wage).

plan implementation, if the affected persons do desire, efforts will be made to provide employment to affected persons by facilitating their engagement by the contractor. The resettlement cost is based on entitlement matrix agreed for the Project. The budgetary provisions for compensation have been made for 7 days for each affected person as per estimated income loss and number of days of disruption. If the actual number of days of disruption is higher than the 7 days, additional compensation will be paid. DWASA, DMS and Resettlement NGO have been monitoring the issue and if more than 7 days of disruption is found during civil work that will duly be mitigated by paying compensation to affected persons.

91. **Resettlement cost.** The following Table 6 presents the resettlement costs, which included income loss of 32 affected persons. The resettlement cost for 4 DMAs under Package 2.12 is BDT 154,000.00 at the exchange rate of USD 85.65 as of preparation date of present report is USD 1798 (the amount may vary for changing exchange rate during the payment). The cost will be met from Bangladesh government funds.

92. Mode of payment will be used for giving compensation is cash cheque issued by the PMU that affected persons will receive from Bank. After receiving ADB's concurrence of the resettlement plan, compensation for income loss will be paid prior to commencement of civil work.

Table 6: Indicative Cost for RP Implementation for the Identified Project Impacts

SI. No.	Compensation	Affected Person	Period (Day/month)	Unit (BDT)	Total Amount (BDT)	Remarks / USD (USD1 = BDT 85.65)
Compensation against affected income loss						
1	Business Income Loss ³⁰	32	7 days	625	140,000.00	The average net daily income of each affected person is BDT 625. During RP implementation, if proof of tax records is provided by any of the affected persons and income is found to be higher than the minimum wage rate, compensation will be paid at actuals.
	Total				140,000.00	
	Contingency			10%	14,000.00	
	Grand Total				154,000.00	USD 1798

X. INSTITUTIONAL ARRANGEMENTS

93. Dhaka WASA both as Executing Agency (EA) and Implementation Agency (IA) is responsible for implementation of resettlement plan and the management, coordination and overall technical supervision of the project. It is also responsible for supervising construction of the infrastructure and conducting the non-infrastructure elements. DWASA has established a PMU, responsible for day-to-day management of the program, including tendering and selection of contractors, construction supervision, monitoring and evaluation, and compliance with safeguards policies. The PMU is headed by a full-time Project Director (PD) and two Deputy Project Directors. Safeguards Implementation Unit (SIU) will be established under the PD office.

³⁰ Assistance to shift of the APs' belongings to business will be provided by the contractor and is therefore not costed in the RP.

Two safeguards officers will be appointed and one of them will be responsible for the social safeguards related issues. DWASA has experience in implementing and managing the ADB safeguard policy and requirements. This includes the updating and disclosure of resettlement plan, and submission of semi-annual safeguard monitoring report.

94. The PMU has been supported by the Design, Management and Supervision Consultants (DMS), and Resettlement NGO for updating the Resettlement Plans. The Resettlement Expert of DMS will monitor implementation of Resettlement Plan. The expert also facilitates conducting public consultations, GRM management and implementation as well as project evaluation and reporting.

95. DMS and DWASA (PMU/SIU) will supervise and monitor the implementation works at the field level to ensure that implemented works comply with the safeguard policy requirements and will be fielded along with Samahar, as resettlement NGO. Thus, each spot of work will be under close supervision of the DMS, NGO and PMU staff. The resettlement specialist of the DMS with the PMU resettlement officer will conduct inclusive monitoring of the resettlement and compensation aspects.

96. **Contractor.** The contractor will have social safeguards personnel to (i) coordinate with DMS and resettlement NGO on updating the resettlement plan based on detailed designs, and (ii) monitor implementation of DWSNIP safeguard policy and requirements during the civil works.

97. Organizational procedures/institutional roles and responsibilities for safeguards implementation, and steps/activities involved in delivery of entitlements are described in the following Table 7.

Table 7: Institutional Roles and Responsibilities for Safeguards Implementation

Sl.	Activity	Responsible Agency
Institutional strengthening		
1	Consultancy support to PMU Safeguards Implementation Unit	PMU
2	Training and support to DWASA and NGO	PMU – DMS RS
3	NGO support to PMU	PMU – SIU
Resettlement Plan Finalization		
1	Design of DMS questionnaires	PMU SIU - DMS RS
2	DMS data collection and screening the vulnerable HH	NGO – SIU – MDS RS
3	Calculation of entitlement values and resettlement budget	PMU SIU – NGO
4	Resettlement Plan updating and preparation (if any)	PMU SIU – DMS RS
5	Public consultation and establish project cutoff date	PMU – SIU – NGO
6	Resettlement Plan finalization and submission to ADB for approval	PMU – SIU – DMS RS
7	Resettlement Plan public disclosure and GRM establishment	PMU – SIU – NGO
Resettlement plan implementation		
1	Establish GRC	PMU SIU
2	Budget allocation	DWASA - PMU SIU
3	Preparation and disbursement of entitlement cards (EC) of the eligible affected person	PMU – SIU – NGO
4	Provision of checks to affected persons	PMU – SIU – NGO
5	Submission of progress report and semiannual monitoring reports	PMU SIU – DMS RS
6	Continuing public consultation and participation	SIU – NGO
7	Entertain grievance and redress cases	PMU – SIU – NGO
8	Implementation of additional supports to vulnerable groups	SIU – NGO
9	Submission of Resettlement Plans completion report	PMU – SIU – DMS RS

XI. IMPLEMENTATION SCHEDULE

98. The implementation period of package ICB 2.12 is 18 months. The detailed design stage and the construction period will cover 22 months. The construction activity of 4 DMAs – 701A, 701B, 702 and 703 is expected to commence in December 15, 2021³¹. ADB’s SPS, 2009, DESWSP’s resettlement framework, 2013, and DWASA’s RFP, 2006 require that compensation for all resettlement impacts is provided before the loss is incurred, so this resettlement plan has been updated early in the design stage, and the process of arranging compensation and other entitlements will commence as soon as the updated resettlement plan has been approved by ADB.

99. All the compensation and assistance as per entitlement matrix will be completed prior to the start of the civil work. All entitlements are to be paid prior to displacement. Written confirmation is required to be sent by the PMU to ADB stating that all compensation has been paid to affected persons. Construction work can begin only in sites / sections where compensation has been paid. The resettlement plan implementation schedule is presented in the following Table 8.

Table 8: Implementation Schedule

	Tasks	Spt. 2021	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	April 2022	May 2022	June 2022	July 2022	Aug 2022
A	Resettlement Plan Development and Finalization												
01	Collect DMA’s design maps, road lists and other information from contractor												
02	Conduct detailed road surveys, census and socio-economic surveys												
03	Identify affected persons including those who are vulnerable												
04	Public Consultation												
05	Calculation of entitlement values and resettlement budget												
06	Update resettlement plan reflecting surveys, consultations, design changes, and due diligence results												
07	Census and survey completion date												
08	Joint Verification on affected persons found in the resettlement plan												
09	Finalization of resettlement plan												
10	Project Information and resettlement plan disclosure												
11	Strengthening of GRM												
12	ADB’s Concurrence												
B.	Resettlement Plan Implementation												
13	Issuance of ID cards to affected persons												
14	Payment of compensation by Provision of cheques to affected persons by PMU												
15	Continuing public consultation and participation												

³¹ Starting of the civil work is subject to various issues including having road cutting permission from DSCC.

APPENDIX 1: RECORDS OF PUBLIC CONSULTATIONS

Dhaka Water Supply Network Improvement Project (DWSNIP)
NGO Services for Resettlement Works

Report on Public Consultation Sessions

The **Venues and Dates** of the Consultation sessions are as following table:

Summary of Public Consultation Meetings

Sl.	Venues	DMAs	Date	Time	Participants			Remarks
					Total	M	F	
1	Kutubkhali, Jatrabari	701	01/06/21	12:00	10	10	0	TSM
2	South Kajla, Naya nagar	701	02/06/21	11:30	10	10	0	TSM
3	Shekdi Road, Soniakhra	701	03/06/21	01:27	11	11	0	FGD
4	Dholaiper Bazar Madrasha Road	702	27/06/21	12:30	12	12	0	TSM
5	Goalbari mor, Dhaniya	702	15/07/21	12:00	10	10	0	TSM
6	Dholaiper	703	16/08/21	11:45	15	15	0	TSM
7	Hazi Nasir Uddin Road	703	23/08/21	11:00	10	10	0	TSM
8	Anondo Bazar, Kadomtoli	703	24/08/21	12:00	13	13	0	TSM
9	Dhonia Club Mor	703	25/08/21	11:30	15	15	0	TSM
10	Sorail, Kadomtali	703	28/08/21	12:00	15	14	1	FGD
11	Muradpur Madrasha road	703	31/08/21	11:45	12	12	0	TSM
12	Kutubkhali	701	04/09/21	12:40	12	12	0	TSM
13	Nasiruddin Road	702	05/09/21	12:30	11	11	0	TSM
14	Barnomala School, Dhania	702	06/09/21	10:30	20	13	07	FGD
15	Shishumela Preparatory School, Dhania	702	07/09/21	11:30	19	08	11	FGD
16	Adorho School, Kazla	701	08/09/21	11:30	20	12	08	FGD
17	Muradpur, Kadomtoli	702	09/09/21	12:10	12	12	0	TSM
18	Mridhabari	701	12/09/21	12:20	12	11	1	TSM
	Total				229	201	28	FGD- 5 TSM- 13
	Total participants in FGDs				85	58	27	
	Total participants in TSMs				154	153	1	

Total number of Consultation meetings: 18

Agendas:

- The DWSNIP - Project Introduction and purpose
- Possible troubles during project works and solutions
- Participants Views & open discussion

Discussions in the consultation meetings:

The Resettlement NGO has conducted 18 meetings and discussion sessions like the tea stall meetings and FGDs with stakeholders during the up-gradation of this resettlement plan under the project DWNSIP. The resettlement NGO, SAMAHAR, frequently communicates with the people of the project area and conducted 5 FGD meetings with the teachers and guardians of different educational institutions including the house owners, community leaders and 13 Tea-Stall Meetings in the areas of 4 DMAs, participated by the general people and water users of the local

communities. This is a platform to share messages and information among the water users in the community especially the house owners, local leaders and other stakeholders like DWASA, DMS, the construction contractor and the NGO Samahar.

The consultation covers mainly information dissemination about the project/sub-project and its scope, possible positive and negative impacts, involvement of local people in different activities of the project and employment in project works, etc. Main objective of the meeting is to share project related issues such as the house connection, access to connection permission, illegal connection, project supports, Grievance Redress Mechanism (GRM), cooperation & coordination from the community, social safeguard and environmental issues with the participants. In addition, the meetings included (i) creating opportunities and mechanisms where they can participate and raise their views (issues, comments, and concerns) with regard to the proposed development; (ii) giving the stakeholders feedback on process findings and recommendations; and (iii) ensuring compliance to process requirements with regard to the environmental and related legislation. A question and answer session was also conducted in each meeting in order to ensure how the beneficiaries can get support from the project. In this procedure, opinion and recommendations have been derived from the participants.

Local Leaders, Inhabitants, House Wives, Guardians, Teachers, Retired Govt. Officials, and Civil Society Representatives were among the participants. A total of **229** participants (201 males and 28 females) attended the meetings.

At the start of the meetings, the Field Supervisor and the Resettlement Officers of Samahar started discussion with the introduction and purpose of the project DWNSIP. Dhaka is the most densely populated city in the world we know. The population density of the city is increasing rapidly and the demand for water supply is also increasing proportionately. But the water supply system in Dhaka City has remained traditional i.e. underground water. Water production rate of the DTW's are reducing every year. On the other hand; system loss is up to 40%. The water table of the country is downing lower day by day and the pumps are failing repeatedly. Consequently, water supply crisis is a common phenomenon in this city. For solving the problems, the Dhaka WASA has undertaken a number of projects and that is why, with this project Bangladesh Govt. has taken initiative for mitigating water supply by using surface water. The project DWNSIP which is going to be implemented needs support and cooperation from local communities. The Team Leader also shared the specific objectives of the project with the audience.

- Ensuring adequate water supply round the clock
- Ensuring quality of water
- Increasing water supply pressure
- Stopping water-borne and vector-borne diseases
- Stopping abusing water etc.
- Reducing water loss to at least 15% from 40%
- Increasing Govt. revenues
- Stopping illegal house connection

The summary of the discussion session is as follows:

The present condition of the water supply system is not good in the area. Due to the extension of area, the demand for water supply has increased enormously. Specially, in dry season, scarcity of water occurred. The people have long been demanding the smooth water supply and repair and maintenance of the existing supply system including augmentation of the sources.

The participants opined that improvement of safe water supply system will help them getting safe

drinking water, and improving health reducing water-borne diseases.

The community is willing to support this sub-project. Project components and its benefits, impacts and resettlement issues were discussed, and opinions were exchanged with the participants. No land acquisition will be needed, no rehabilitation will be needed, and no houses, trees, shops and other structures will need to be removed. Only some street vendors will lose their daily income during construction period, and there will not be any livelihood loss and no indigenous/tribal people will be affected. All construction activities will be done on the Dhaka North City Corporation's owned land without affecting private land and structure. Team Leader of SAMAHAR informed the participants that the street vendors who will lose their daily income must be compensated before starting civil work.

During construction works, water supply will not be halted. It is expected that no problem would arise, and no one would face water crisis during construction work. If any problem occurs, WASA will especially arrange water supply. All home connection including meter will be changed at no cost. Dhaka WASA will take back the old meter. In case of new connections, the fee can be paid in normal way and there will be no need of large pipes to increase water pressure. Overall, the following issues are discussed in the meetings.

- Smoothness of public access to their required destination;
- Requirement of restoration of utility services, removal of overburden soil, road restoration done or not, pit back filling;
- Dust and noise pollution during implementation of the project, community safety arrangement;
- Increased awareness among communities regarding project activities and benefit;
- Increased community support and cooperation;
- Reduced suffering of the community people during physical work as much as possible;
- Paid compensation to APs ahead of physical work;
- Increased cooperation and coordination between physical resettlement works plan and implementation.

Conclusion: The participants appreciated the initiative of the project taken by WASA with financial support of ADB. The Team Leader said that if the water supply improves then the present scarcity will be reduced significantly, and the crisis of living faced by the people in Dhaka city will be reduced as well.

Finally, FSs - RW of Samahar, conducting the sessions, thanked all participants and appreciated them for their participation, remarks and the suggestions.

In the discussion part, among others issues some conversation depicted here as Question and Answer were taken place in the consultation meetings:

Discussions In the Meetings

FGD Summary Notes

DMA-701

Place: Shekdi Road, Sonir akhra

Date: 03/06/21

Time: 01:30 PM

Total Participants: 11

Male- 11 & Female-0

Discussed by: Md. Bulbul Isalm, FO, SAMAHAR

Q/A:

Q:(Ashish Barua) : Sometime the supply water is dirty, we cannot use this water .

Ans: After the construction work of new water pipe line, it is expected that sufficient and safe water will be available in WASA pipe line.

Q: (Harun Ar-Rashid): We are paying the bill of WASA which is very high.

Ans: You should communicate with MODS Zone-7 Office to solve this types of complaints.

Q: (Rabeya Islam) : Will WASA construct this new water pipe line ?

Ans: Yes, WASA has undertaken the project DWSNIP for improving water supply system and has engaged the construction company PFEIFFER for construction of new water pipe line.

DMA-701

Place: Adorho School, Kazla

Date: 08/09/21

Time: 11:30

Total Participants: 20

Male: 12; Female-08

Discussed by: Bulbul Islam, FO, SAMAHAR

Q/A:

Q:(Md. Faidous Mia) : When does the construction work start ?

Ans: The construction work will start very soon. Now, the construction plan & designs are being reviewed by DWASA, and will be approved within few months. by WASA then construction work will be done by PFEIFFER.

Q: (Mansora Akter): We have to buy drinking water from shops, though we have to pay WASA Bill. When we will get pure water?

Ans: As soon as the completion of DWSNIP construction work, a new water pipe line will be connected to households and then it is expected that sufficient & safe water will be available.

Q: (Israt Jahan) : Do we have to pay for new pipe line & meter?

Ans: No, households have not to pay for new pipe lines & meters.

DMA-702

Place Barnomala School, Dhania

Date: 06/09/21

Time: 10:30

Total Participants:20

Male: 13; Female-07

Discussed by: A.S. M Shorifun Nabi Talukder, FO, SAMAHAR

Q/A:

Q: (Md. Rafiqul Islam): Is our School included under this project?

Ans: Yes, under this DMA-702 all legal HHs and institutions will get new water pipe line.

Q:(Selina Akter) : When does the construction work start ?

Ans: As soon as the construction plan & design approved by WASA then construction work will be done by PFEIFFER.

Q: (Mukta Das) : Will we have to pay for the new meter?

Ans: No, you do not have to pay for the new meter.

DMA-702

Place: Shishumela Preparatory School, Dhania

Date: 07/09/21

Time: 11:30

Total Participants: 19

Male- 08; Female-11

Discussed by: Bulbul Islam, FO, SAMAHAR

Q/A:

Q: (Umma Kulsum): There was no sufficient water and sometimes we got dirty water from WASA pipe line?

Ans: After the construction of new water pipe line under DWSNIP, it is expected that sufficient and safe water will be available in WASA pipe line.

Q: (Frajana Islam) : What we will have to do to avail this ?

Ans: At the time of surveys by the contractors, the households just have to present its legal connections papers from DWASA and the latest monthly water bill.

Q: (Barek): When does the construction work start?

Ans: The construction work will start very soon, within few months. Now, the construction plan & designs are being reviewed by DWASA, and will be approved within few months. by WASA then construction work will be done by PFEIFFER.

Q: (Amanullah) : Who is PFEIFFER.

Ans: PFEIFFER is an international construction company and has been engaged for the construction works in this area under the project-DWSNIP.

DMA-703

Place: Sorail, Kadomtali

Date: 28/08/21

Time: 12:00

Total Participants: 15

Male- 14; Female-01

Discussed by: Bulbul Islam, FO, SAMAHAR

Q/A:

Q:(Shek Hamim) : We have to buy drinking water from shop, though we have to pay WASA Bill.
When we will get pure water?

Ans: As soon as the completion of DWSNIP construction work, a new water pipe line will be provide to your houses and you will get sufficient & safe water from WASA.

Q: (Hasan): When does the construction work start ?

Ans: As soon as the construction plan & design approved by WASA then construction work will be done by PFEIFFER.

Q: (Runa Begum) : Do you have to pay for new meter ?

Ans: No, you don't have to pay for new meter.

Photographs of Public Consultation Sessions

Consultation Meetings at DMAs 701A, 701B, 702 & 703 areas



FGD Meeting at DMA-701 (Adorsho Balika School-08-09-21)



FGD meeting at DMA-701 (Shakdi road, Sonir Akhra-03.06.21)



Tea Stall Meeting at DMA-701 area (kutub khali, Jatrabari-01.06.21)



Tea Stall meeting at DMA-701 area (kutubkhali 04-09-21)



FGD meeting at DMA-702 (Bomomala school_06-09-21)



FGD Meeting at DMA-702 (Shishu mela school_07-09-21)



Tea Stall meeting at DMA-702 (Goalmani Mor_15-7-21)



Tea Stall meeting at DMA-702 area (Muradpur, Kodomboli-09.09.21)

Consultation Meetings at DMA 703 areas



FGD Meeting at DMA-703 area of ICB-2.12



Tea Stall Meeting at DMA-703 area of ICB-2.12



Tea Stall Meeting at DMA-703 of ICB-2.12 area



Tea Stall Meeting at DMA-703 of ICB-2.12 area

ATTENDANCE SHEETS OF CONSULTATION MEETINGS (SCANNED COPIES)

SAMAHAK
Dhaka Water Supply Network Improvement Project (DWNSIP)
NGO Services for Awareness Works

OS Project / DMA
21 / 701

Type of Meeting : Tea stall
Place / Venue : Kutubkhali, Dattabari
Date : 01.06.21 Time : 12.00 PM

Participant's Attendance

Sl. No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M/F	Signature
1	Md. Kamal Hossain	Business	Kutubkhali, Dattabari	01315619755	M	<i>[Signature]</i>
2	Nazmul Islam	"	"	01412-22-2529	M	<i>[Signature]</i>
3	Md. Kobir	"	Soni Akhara	-	M	<i>[Signature]</i>
4	Halim Mia	Job	"	0162454279	M	<i>[Signature]</i>
5	Abul Azad	"	"	01715-294161	M	<i>[Signature]</i>
6	Md. Sagor Ali	"	Maidhabari	01888106901	M	<i>[Signature]</i>
7	Sherazul Haque	unemployed	"	-	M	<i>[Signature]</i>
8	Limon Hossain	student	Moul Chandra road	01516062014	M	<i>[Signature]</i>
9	Abdus Samad	Job	Maidhabari	N/A	M	<i>[Signature]</i>
10	Zulal Uddin	Driver	"	N/A	M	<i>[Signature]</i>
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Conducted by: Md. Burhan Islam - F.O -
ASM - Sharif Um-Nabi - Talukder - F.O

Designation:

Attendance Sheet of Tea Stall Meeting at DMA-701 (01.06.21)

SAMAHAK

Dhaka Water Supply Network Improvement Project (DWNSIP)

NGO Services for Awareness Works

ICB Package / DMA

Type of Meeting : Tea stall .at: 2.12. / 70.1
 Place / Venue : South kazla, Nayaganaz
 Date : 02.06.21 Time: 11.30 am.

Participant's Attendance

Sl. No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M/F	Signature
1	Md. Al-amin	Business	South kazla, Nayaganaz	01986542553	M	[Signature]
2	Amir kossain	"	"	-	M	[Signature]
3	Shapon Dhali	"	"	01747-1284	M	[Signature]
4	Gokul Das	"	"	-	M	[Signature]
5	Abul Hayat	Job	"	01645-1629	M	[Signature]
6	Sagon Barman	"	"	-	M	[Signature]
7	Mohesh	Driver	Kutubkhali	01812-254619	M	[Signature]
8	Zamal	"	"	-	M	[Signature]
9	Samad	Student	"	-	M	[Signature]
10	Ponkog	Job	Kazla	01429-471803	M	[Signature]
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Conducted by: Md. Kawsar - F.S Designation:
 Md. Bulbul Islam - F.O
 ASM - Sharaf un-Nabi - Talukderz - F.O

SAMAHAR
Dhaka Water Supply Network Improvement Project (DWNSIP)
NGO Services for Awareness Works

ICB Package / DMA
2.12 / 701

Type of Meeting : F.G.D (Focus group discussion) at:
Place / Venue : Sheikh di road, Soni Akhira
Date : 03.06.21 Time: 01:27 PM

Participant's Attendance

Sl. No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M / F	Signature
1	Abdul Karim	Business	Sheikh di road Soni Akhira	01626449375	M	[Signature]
2	Ashish Borua	Job	"	-	M	Ashish
3	Mohammad inasamia	"	"	01761-294161	M	[Signature]
4	Nur Alam siddique	"	"	01725-1289	M	[Signature]
5	Mj. Elius	Driver	"	-	M	[Signature]
6	Shanto	Helper	"	01525-652947	M	[Signature]
7	Harun Ar-Rashid	Business	"	01415-21422	M	[Signature]
8	Sheikh Abdullah	"	Kutubkhali	-	M	[Signature]
9	Mokbul hassain	"	"	0161245461	M	[Signature]
10	Monir mollah	Job	Noya nojor	-	M	[Signature]
11	Abul hasan	"	"	017841-5129	M	[Signature]
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Conducted by:

Designation:

Md. Bulbul Islam - (f.o)

ASM - Sharuf - Un - Nabi - Talukder (F.o)

SAMAHAR

Dhaka Water Supply Network Improvement Project (DWNSIP)

NGO Services for Awareness Works

ICB Package / DMA
2.12 / 702

Type of Meeting : Tea stall
Place / Venue : Dholaipuri bazar Madrasa road
Date : 27/06/21 Time: 12:30

Participant's Attendance

SL No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M / F	Signature
1	Md. AKKAS	Business	Madrasa road	016771836	M	[Signature]
2	সত্য: সত্য	"	সত্য	01762-4129	M	[Signature]
3	Zama	job	"	01419-4161	M	[Signature]
4	Md. Nazim	n	n	N/A	M	[Signature]
5	Shohiquddin	job	"	01319-2841	n	[Signature]
6	Kobir mollah	n	n	01684842	n	[Signature]
7	সত্য	সত্য	সত্য	-	M	[Signature]
8	Amir hassain	job	n	N/A	M	Amin
9	Abdul Latif	job	"	01912-4161	n	Latif
10	Rahaman Ali	n	n	-	M	[Signature]
11	Sharif-Un-Nabi	Samahar job	Samahar	0196731878	M	Sharif
12	Md. Bulbul Khan	job	SAMAHAR	01757-4161	n	Bulbul
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Conducted by: Md. Bulbul Khan - F.O

Designation:

ASM: Sharif Un-Nabi - Talukder - F.O

Attendance Sheet of Tea Stall Meeting at DMA-702 (27.06.21)

SAMAHAK

Dhaka Water Supply Network Improvement Project (DWNSIP)

NGO Services for Awareness Works

ICB Package / DMA

Type of Meeting : Tea stall meeting at: 2.12.1 702
 Place / Venue : Goyalbari more, Dhania
 Date : 15/07/21 Time: 12:00

Participant's Attendance

Sl. No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M / F	Signature
1	Abdul Hamid	Business	Goyalbari more	01719441330	M	<i>[Signature]</i>
2	Jamal Seikh	job	Dhania	01737-7919	M	<i>[Signature]</i>
3	Md. Hanibur	job	Dhania	N/A	M	<i>[Signature]</i>
4	Mamun	student	"	N/A	M	<i>[Signature]</i>
5	স্বপ্না খাতুন	Helper	"	01818221139	M	<i>[Signature]</i>
6	শাহাদ	driver	"	N/A	M	<i>[Signature]</i>
7	Noman Ahmed	"	"	N/A	M	<i>[Signature]</i>
8	Kobir	job	"	018122-88 676	M	<i>[Signature]</i>
9	স্বপ্না	"	গয়ালবারি	0196323009	M	<i>[Signature]</i>
10	স্বপ্না	স্বপ্না	"	02822-94 2693	M	<i>[Signature]</i>
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Conducted by:

ASM Sharif Un-Nabi-Talukder

Md. Bulbul Islam

Designation:

— F.O

— F.O

Attendance Sheet of Tea Stall Meeting at DMA-702 (15.07.21)

SAMAHAR

Dhaka Water Supply Network Improvement Project (DWNSIP)

NGO Services for Resettlement Works

ICR Package / DMA

Type of Meeting : Tea stall meeting at: 2.12.1. 703

Place / Venue : Dholaipar

Date : 16.08.21 Time: 11.45 am

Participant's Attendance

Sl. No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M/F	Signature
1	Md. chan Mia	Business	Dholaipar	013612894	M	<i>[Signature]</i>
2	Sirraj islam	Job	"	N/A	M	<i>[Signature]</i>
3	Md. Rafiqul	Driver	"	N/A	M	<i>[Signature]</i>
4	Serajul haque	"	SoniAkhra	019c38990	M	<i>[Signature]</i>
5	Md. Shopos	"	"	-	M	<i>[Signature]</i>
6	Md. Nazimur	student	"	-	M	<i>[Signature]</i>
7	Mohesh chandra	"	"	-	M	<i>[Signature]</i>
8	Abed Ali	Business	Growth Development SoniAkhra	N/A	M	<i>[Signature]</i>
9	Md. Nozin	"	"	01762-529 4161	M	N/A
10	Jolil molla	"	"	01934101340	M	<i>[Signature]</i>
11	Md. Shofiqul	Bus	Jatrabari	-	M	<i>[Signature]</i>
12	Shofiqul islam	"	"	N/A	M	<i>[Signature]</i>
13	Md. Shakia	SB	Donia	01737-760 512	M	<i>[Signature]</i>
14	Md. Bulbul Islam	SAMAHAR	Jatrabari	01757-6492 23	M	<i>[Signature]</i>
15	ASM Sharifun Nabi Tatukder	"	"	019c731878	M	<i>[Signature]</i>
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Conducted by:

Designation:

Md. Bulbul Islam - f.o.

A.S.M. Sharifun Nabi Tatukder - f.o.

Attendance Sheet of Tea Stall Meeting at DMA-703 (16.08.21)

SAMAHAR

Dhaka Water Supply Network Improvement Project (DWNSIP)

NGO Services for Resettlement Works

ICB Package / DMA

Type of Meeting : Tea stallat: 2.12 / 703
 Place / Venue : Hazi Nasiruddin road
 Date : 23.08.21 Time: 11.00

Participant's Attendance

Sl. No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M / F	Signature
1	Anamul Haque	Business	Hazi Nasir Uddin road	01787070481	M	<i>[Signature]</i>
2	Md. Hazrat Ali	"	"	01709209313	M	<i>[Signature]</i>
3	MD. SAZU	"	"	-	M	SAZU
4	Jubayer islam	student	Sorevit	N/A	M	<i>[Signature]</i>
5	STIRAJ	Driver	-	-	M	<i>[Signature]</i>
6	Md. Aksef	"	-	-	M	<i>[Signature]</i>
7	Abdul Shari Geoni	driver	"	-	M	<i>[Signature]</i>
8	Zamshed	job	Lal mig road	01921-4619	M	Zamshed
9	ASM. Sharif Un-Nabi	samahar	Jatrabari	01967318781	M	Sharif
10	Md. Butkul Blam	job	Jatrabari	0175792648	M	Butkul
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Conducted by: Md. Butkul Blam Designation: F.O
ASM Sharif Un-Nabi-Talukder F.O

SAMAHR

Dhaka Water Supply Network Improvement Project (DWNSIP)

NGO Services for Resettlement Works

ICB Package /	DMA
2021	703

Type of Meeting : Tea stall
 Place / Venue : Anondo Bazar, kadomtoli
 Date : 24.08.21 Time : 12:00.p.m.

Participant's Attendance

Sl. No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M / F	Signature
1	আবুল	স্বাস্থ্য	জাতীয়	018122-83576	M	[Signature]
2	Anlam mia	"	"	N/A	M	[Signature]
3	Md. Kobir	job	"	01762-4161	M	[Signature]
4	Kalam Khan	"	Jatrabani	N/A	M	[Signature]
5	মোঃ কামাল	স্বাস্থ্য	"	-	M	[Signature]
6	মোঃ ইমরান	স্বাস্থ্য	SoniAlkha	0181822113	M	[Signature]
7	আমরুল	"	"	-	M	[Signature]
8	বিজয়	"	"	N/A	M	[Signature]
9	আজিব	"	"	-	M	[Signature]
10	আজিব	"	"	01684842	M	[Signature]
11	Amir hamza	Job	Dholapur	N/A	M	[Signature]
12	Md. Bueh Islam	SAMAHR	Jatrabani	97576493	M	[Signature]
13	ASM Shorifun-Nabi Talukder	"	"	019673187	M	[Signature]
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Conducted by:

Designation:

Md. Bueh Islam - F.O

ASM - Shorifun Nabi Talukder - F.O

SAMAHAR

Dhaka Water Supply Network Improvement Project (DWNSIP)

NGO Services for Resettlement Works

ICB Package / DMA
2-12 / 703

Type of Meeting : Tea stall meeting at :
Place / Venue : Dona club mor
Date : 25.08.21 Time: 11:30 am

Participant's Attendance

SL No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M/F	Signature
1	শ্রী: মনির হোসেন	কর্মী	দক্ষিণা	01721-4151	M	মনির
2	মালিক হিয়া	"	Dholaipar	N/A	M	মালিক
3	শ্রী: কামরুল হক	"	Doyaganj	016747420	M	কামরুল হক
4	শ্রী: মনির	ড্রাইভার	"	-	M	মনির
5	সাহাব উদ্দিন	"	B. Soni Akhra	N/A	M	সাহাব
6	Md. Jamil	Driver	"	-	M	জামিল
7	Abul Hossain	Helper	"	0140323241	M	আবুল হোসেন
8	Md. Raja Mia	"	"	-	M	রাজা মিয়া
9	Md. Monir	Job	Jatrabari	0130432381	M	মনির
10	Shamshur	"	"	-	M	N/A
11	Abu naeem	"	"	N/A	M	আবু নূয়ম
12	শ্রী: কামরুল হক	কর্মী	"	01441-6229	M	কামরুল হক
13	শ্রী: কামরুল হক	"	"	N/A	M	কামরুল হক
14	Md. Bubbil Islam	SAMAHAR	Jatrabari	01737-5492	M	বুবিল ইসলাম
15	ASM Sharif-Ur-Ha	"	"	0196731878	M	শরিফ
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Conducted by:

Designation:

md. Bubbil Islam f.o
AS.M Shorifur Nabi Talukder f.o

SAMAHAR

Dhaka Water Supply Network Improvement Project (DWNSIP)

NGO Services for Resettlement Works

ICB Package / DMA

Type of Meeting : F.G.D at: 212 / 703

Place / Venue : Sorail, Kadamtoli

Date : 28.08.21 Time: 12.00

Participant's Attendance

SL No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M / F	Signature
1	Mohammed	ব্যাংক	সরইল	01917403824	M	Mohammed
2	মুহাম্মদ হুসাইন	সরকারি	সরইল	01621605585	M	Hossain
3	মি. মাহবুব	সরকারি	সরইল	01811969675	M	Mahbub
4	মাহবুব	"	"	-	M	Mahbub
5	মি. মাহবুব	"	"	01647657711	M	Mahbub
6	মাহবুব	"	"	-	M	Mahbub
7	মাহবুব (মহাস্থান)	"	"	-	M	Mahbub
8	মুহাম্মদ হুসাইন	সরকারি	"	-	M	Hossain
9	মুহাম্মদ হুসাইন	সরকারি	"	01629-4161	M	Hossain
10	মাহবুব	"	"	-	M	Mahbub
11	মাহবুব (মহাস্থান)	"	"	-	M	Mahbub
12	Hepo mia	"	"	01632-537654	M	Hepo mia
13	মি. মাহবুব	"	"	-	M	Mahbub
14	Md. Bulbul Islam	SAMAHAR	Jatrabari	0175764924	M	Bulbul
15	ASM Sharif Un-Nabi Talukder	Samahar	Jatrabari	01967318781	M	Sharif
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Conducted by:

Designation:

Md. Bulbul Islam — F.O

ASM Sharif Un-Nabi Talukder — F.O

Attendance Sheet of FGD Meeting at DMA-703 (28.08.21)

SAMA HAR

Dhaka Water Supply Network Improvement Project (DWNSIP)

NGO Services for Resettlement Works

ICB Package / DMA
2.12 / 703

Type of Meeting : Tea stall meeting
Place / Venue : Muradpur, Madrasa road
Date : 29.08.21 Time : 11:45 am

Participant's Attendance

SL No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M / F	Signature
1	Md. Rafiqul	গেট	Muradpur	01921605460	M	[Signature]
2	শ্রী: নব্বুনাবী ফালুকার	"	"	017665289	M	[Signature]
3	শ্রী: আনাম	"	"	017665289	M	[Signature]
4	শ্রী: সুলতান	"	"	N/A	M	[Signature]
5	Adauddin Khua	"	"	01916014791	M	[Signature]
6	শ্রী: আনাম	"	"	N/A	M	[Signature]
7	শ্রী: আনাম	সহকারী	"	0183462240	M	[Signature]
8	শ্রী: নব্বুনাবী ফালুকার	"	"	N/A	M	N/A
9	Md. Bulbul Islam	SAMA HAR	Jafarbari	01757-649249	M	[Signature]
10	Asm. Shorihun Nabi Falukdar	"	"	01967218781	M	[Signature]
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Conducted by:

Md. Bulbul Islam — F.O

Designation:

Asm Shorihun Nabi Falukdar - f-o

Attendance Sheet of Tea Stall Meeting at DMA-703 (29.08.21)

SAMAHAR

Dhaka Water Supply Network Improvement Project (DWSNIP)

NGO Services for Resettlement Works

ICR Package / DMA

Type of Meeting : Tea stall .at: 2-12-1-701

Place / Venue : Kudubkhali

Date : 04.09.21 Time: 12:40 pm

Participant's Attendance

Sl. No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M / F	Signature
1	Manik Hosen	Job	280-Rehan	01729355633	M	Manik
2	MD. MAMUN.		"	01712607617	M	Mamun
3	(Mr. PMA)	Job	"	01886199292	M	PMA
4	(Mr. S. S. S. S.)	Job	"	01970735177	M	Mohammed
5	S. S. S.	Job	"	N/A	M	S. S. S.
6	S. S. S.	"	"	019885200349	M	S. S. S.
7	S. S. S.	"	"	-	M	S. S. S.
8	S. S. S.	"	"	-	M	S. S. S.
9	Mazed	Job	"	-	M	Mazed
10	S. S. S.	Job	"	-	M	S. S. S.
11	Md. Bulbul Islam	Samahar	Jatra Bari	01757649242	M	Bulbul
12	ASM Sharif-Ul-Hadi Talukder	Samahar	Jatra Bari	0196731898	M	Sharif
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Attendance Sheet of Tea Stall Meeting at DMA-701 (04.09.21)

SAMAHAR

Dhaka Water Supply Network Improvement Project (DWSNIP)

NGO Services for Resettlement Works

ICB Package / DMA

Type of Meeting : Tea stallat: 2.12.1702
 Place / Venue : Nasiruddin road
 Date : 05.09.21 Time: 12:30 pm

Participant's Attendance

SL No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M/F	Signature
1	শাহ আলম	গার্ম	সিলাই	05691103082	M	শাহ আলম
2	শাহ আলম	"	সিলাই	01731316830	M	শাহ আলম
3	শাহ আলম	"	"	01837927650	M	শাহ আলম
4	শাহ আলম	গার্ম	"	01700889679	M	শাহ আলম
5	শাহ আলম	"	"	N/A	M	N/A
6	শাহ আলম	গার্ম	"	N/A	M	শাহ আলম
7	শাহ আলম	গার্ম	"	01416294162	M	শাহ আলম
8	Ronjit	student	"	-	M	Ronjit
9	Sadekul	"	"	-	M	Sadekul
10	Md. Buehal Islam	Sanahor	Jatrabari	0175754248	M	Buehal
11	Asm Sharif - Up - Nabi Talukder	Samahar	Jatrabari	0196731898	M	Sharif
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Conducted by:

Designation:

Md. Buehal Islam — F.O
 A.S.M. Sharifun Nabi Talukder — F.O

SAMAHAR

Dhaka Water Supply Network Improvement Project (DWNSIP)

NGO Services for Resettlement Works

ICB Package / DMA

Type of Meeting : F.G.D at: 2.12.17 702
 Place / Venue : Baranamala school, Dhonia
 Date : 06.09.21 Time: 10:30

Participant's Attendance

SL No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M / F	Signature
1	Swapan Kumar Mondal	teacher	Baranamala Adarsha H/S and college	01717031637	M	[Signature]
2	Abu Zahed Talukder	teacher	996, Nurupate, Dhonia, Daula	01712123593	M	[Signature]
3	Md. Rafiqul Islam	teacher	Baranamala High School	0171 353779252	M	[Signature]
4	Selina Akter	Teacher	Baranamala High School and college	016789226127	F	[Signature]
5	Mamunur Raza Khan	Teacher	1503 South Davis	0171612165	M	[Signature]
6	Lutfun Nahar	Teacher	827, Nurpur	0155636140	F	[Signature]
7	Md. Anwar Hossain	Teacher	Gobindapur	01552652347	M	[Signature]
8	Sanjib Sarker	Teacher	Baranamala High school	01966420560	M	[Signature]
9	Prodi P Kumar Shil	Teacher	Baranamala High school	01718-807962	M	[Signature]
10	Nirontan Mondal	Teacher	Baranamala High school	01969666064	M	[Signature]
11	Tapati Rani m	Teacher	Comna	0175912424	M	[Signature]
12	Farein Akter	Teacher	Baranamala	01830261141	F	[Signature]
13	Paklata Begum	Teacher	Baranamala	01716501030	F	[Signature]
14	Rupali Begum	Teacher	Baranamala	01838296799	F	[Signature]
15	Rabi un Nahar	teacher	Baranamala	01670924216	F	[Signature]
16	Shamima Nassrin	teacher	Baranamala	0168208664	F	[Signature]
17	Ronjit Dash	teacher	Baranamala	0141621679	M	[Signature]
18	Suresh Chandra	"	"	01721-2619	M	[Signature]
19	Md. Bulbul Islam	Teacher	Jatrabari	01757-6498	M	[Signature]
20	ASM Sharif-Un-Nabi-Talukder	"	Jatrabari	01967316781	M	[Signature]
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Conducted by:

ASM Sharif - Un - Nabi - Talukder
 Md. Bulbul Islam

Designation:

- F.O
 - F.O

SAMAHAR

Dhaka Water Supply Network Improvement Project (DWSNIP)

NGO Services for Resettlement Works

ICB Package / DMA

Type of Meeting : FGD at: 2.12.1. 702
 Place / Venue : Shishumela preparatory school, Dhania
 Date : 07.09.21 Time: 11:30

Participant's Attendance

SL No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M / F	Signature
1	Umma Kulsum	Teacher	Shishumela,	01916958606	F	<i>Kulsum</i>
2	Ayesha	"	Donia	019345522	F	<i>Ayesha</i>
3	Rahima	"	" "	01824504024	F	<i>Rahima</i>
4	Sazia Ahmed	"	"	01913073977	F	<i>Sazia</i>
5	Farjana Islam	"	"	01913470190	F	<i>Farjana</i>
6	Afroja Islam	"	"	01533575783	F	<i>Afroja</i>
7	Laboni Akter	"	"	01680711852	F	<i>Laboni</i>
8	Maksuda Akter	"	"	01757258435	F	<i>Maksuda</i>
9	Amanullah	"	"	N/A	M	<i>Amanullah</i>
10	Shaheda Akter	"	"	01921846108	F	<i>Shaheda</i>
11	Loon-yea	Vaccinator	S.S.K	01752713116	F	<i>Loon-yea</i>
12	Jasna	Swatch Point	"	01944865216	F	<i>Jasna</i>
13	Kalam	Teacher	"	01614.161249	M	<i>Kalam</i>
14	Barek	"	"	-	M	<i>Barek</i>
15	Jeshim	"	"	-	M	<i>Jeshim</i>
16	Shahin	"	"	0161219-29 41	M	<i>Shahin</i>
17	Ritoy	S-H	"	-	M	<i>Ritoy</i>
18	Md. Bulbul Islam	Samahar	Jatrabari	01767-6496	M	<i>Bulbul</i>
19	ASM Sharif-Un-Nabi Talukder	Samahar	Jatrabari	01967918781	M	<i>Sharif</i>
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Conducted by:

Designation:

ASM Sharif-Un-Nabi Talukder - F.O
 Md. Bulbul Islam - F.O

SAMAHAR

Dhaka Water Supply Network Improvement Project (DWSNIP)

NGO Services for Resettlement Works

ICB Package / DMA

Type of Meeting : F.G.D. at: 2.12.1.701...
 Place / Venue : Adarsha School, sek. Kazla
 Date : 08.09.21 Time: 11:30 am

Participant's Attendance

SL No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M / F	Signature
1	Md. Fairdeen Mia	Service	Adarsha high school	01924221679	M	[Signature]
2	Md. Shahidul Islam	Teacher	DO	01968317745	M	[Signature]
3	MANSORA AKTER	Teacher	DO	01848094132	F	[Signature]
4	Fatema Ferdoushi	Teacher	DO	01824413530	F	[Signature]
5	Syeda Monowara Begum	"	"	01932360063	F	[Signature]
6	Wahida Sultana	"	"	01749828010	F	[Signature]
7	Nabila Tabassum	"	"	01620306749	F	[Signature]
8	Sonia Akter Sumi	"	"	01992163879	F	[Signature]
9	Khairun Nessa	"	"	01812302605	F	[Signature]
10	Md. Abdul Wahid	"	DO	01726254409	M	[Signature]
11	MD. Ziaun Rahman	"	"	01914-02200	M	[Signature]
12	Israt Jahan	"	"	01681109196	F	[Signature]
13	Md. Subayez	"	"	01813-213778	M	[Signature]
14	Rijush Halder	"	"	01921934230	M	[Signature]
15	Md. Masbah Uddin	"	"	01910-640502	M	[Signature]
16	Md. Moushed Akter	"	"	01746-432336	M	[Signature]
17	Nazmul	"	"	-	M	[Signature]
18	Sadat	"	"	-	M	[Signature]
19	Md. Bulbul Islam	Samahar	Jatrabari	01757-8492	M	[Signature]
20	ASIM SHARIF-UIN-NABI TALUKDER	Samahar	Jatrabari	01967318748	M	[Signature]
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Conducted by: Md. Bulbul Islam — f.o.
 A.S.M. Shorifun Nabi Talukder — f.o.

Attendance Sheet of FGD Meeting at DMA-701 (08.09.21)

SAMAHAR

Dhaka Water Supply Network Improvement Project (DWSNIP)

NGO Services for Resettlement Works

ICB Package / DMA

Type of Meeting : Tea stall at: 2.12.17 F02
 Place / Venue : Muradpur, Kadamboli
 Date : 09.09.21 Time: 12:10 pm

Participant's Attendance

SL No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M/F	Signature
1	<u>Mr. Ovi/As</u>	<u>Job</u>	<u>Muradpur</u>	<u>01814695113</u>	<u>M</u>	<u>[Signature]</u>
2	<u>Md. Rahid</u>	<u>Business</u>	<u>Dania</u>	<u>01911096107</u>	<u>M</u>	<u>[Signature]</u>
3	<u>Md. Reban</u>	<u>Student</u>	<u>Dania</u>	<u>01870922055</u>	<u>M</u>	<u>[Signature]</u>
4	<u>Md. Anwar</u>	<u>Student</u>	<u>Dania</u>	<u>01709140884</u>	<u>M</u>	<u>Anwar</u>
5	<u>Ar. M. As</u>	<u>Job</u>	<u>"</u>	<u>019866945</u>	<u>M</u>	<u>[Signature]</u>
6	<u>Ar. M. As</u>	<u>"</u>	<u>"</u>	<u>019779931</u>	<u>M</u>	<u>[Signature]</u>
7	<u>Ar. M. As</u>	<u>Job</u>	<u>"</u>	<u>N/A</u>	<u>M</u>	<u>[Signature]</u>
8	<u>Kabir mla</u>	<u>"</u>	<u>"</u>	<u>N/A</u>	<u>M</u>	<u>[Signature]</u>
9	<u>[Signature]</u>	<u>"</u>	<u>"</u>	<u>-</u>	<u>M</u>	<u>[Signature]</u>
10	<u>[Signature]</u>	<u>"</u>	<u>"</u>	<u>-</u>	<u>M</u>	<u>Bakim</u>
11	<u>Md. Bulbul Islam</u>	<u>SAMAHAR</u>	<u>Jatrabari</u>	<u>017376492</u>	<u>M</u>	<u>Bulbul</u>
12	<u>Asm Shorif - Uni. Nabi Talukder</u>	<u>"</u>	<u>"</u>	<u>01069318761</u>	<u>M</u>	<u>Shorif</u>
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Conducted by:

Designation:

Md. Bulbul Islam ← f.o
Asm Shorifun Nabi Talukder - f.o

SAMAHAR

Dhaka Water Supply Network Improvement Project (DWNSIP)

NGO Services for Resettlement Works

ICB Package / DMA
3.12 / 701

Type of Meeting : Tea stall meeting at: 3.12 / 701
Place / Venue : Mridhabari
Date : 12.09.21 Time: 12:20 PM

Participant's Attendance

SL No.	Participant's Name	Occupation / Position	Address / Organization	Mobile No	M / F	Signature
1	শ্রী: এম এম এ	সহ	Mridhabari	01785817427	M	[Signature]
2	এম এম এ	"	"	-	M	[Signature]
3	এম এম এ	সহ	"	-	F	[Signature]
4	সহ	"	"	-	M	[Signature]
5	এম এম এ	সহ	"	01741011782	M	[Signature]
6	শ্রী: এম এম এ	"	"	-	M	[Signature]
7	এম এম এ	"	"	-	M	[Signature]
8	এম এম এ	সহ	Kutubkhali	01724926604	M	[Signature]
9	এম এম এ	সহ	"	0141916294	M	[Signature]
10	Solaiman	Student	Mridhabari	-	M	Solaiman
11	Md. Buhul M	SAMAHAR	Jatrabari	01757642	M	Buhul
12	A-sm Shoridun Nabi Talukdar	"	"	0196781848	M	Shoridun
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Conducted by: Md. Buhul Islam — f.o
A-sm. Shoridun Nabi Talukdar - f.o
Designation:

APPENDIX 2: PHOTOGRAPHS OF FIELD ACTIVITIES, AND APS ON ROADS

Field Survey Activities



PAPs SE survey at DMA-701 area



FO Visiting Pump at Matuail in DMA-701



Narrow road survey at DMA-701 area



Pump visit at Matuail in DMA-702



Narrow road survey in DMA-702 area



Collection of information at Ward Councilor Office in DMA-702 area



Road survey at DMA-703 area



PUPS SE survey at DMA-703 area



PAPS SE survey at DMA-702 area



PAPs SE survey at DMA-703 area



Information collection from Ward Councilor's Office in DMA-701 area



Road survey at DMA-703 area

Joint verification of the PAPs



Team Leader's meeting with JV members of PMU, DMS & contractors



Joint verification at DMA-701 area



Joint verification at DMA-701 area



Joint verification at DMA-701 area



Joint verification at DMA-702 area



Joint verification at DMA-702 area



Joint verification at DMA-702 area



Joint verification at DMA-703 area



Joint verification at DMA-703 area



Joint verification of ICB-2.12 area



Joint verification of ICB-2.12 area



Joint verification of ICB-2.12 area

Photographs of Public Consultation meetings

Consultation Meetings at DMAs 701A, 701B, 702 & 703 areas



FGD Meeting at DMA-701 (Adorsho Balika School-08-09-21)



FGD meeting at DMA-701 (Shakdi road, Sonir Akhra-03.06.21)



Tea Stall Meeting at DMA-701 area (kutub khali, Jatrabari-01.06.21)



Tea Stall meeting at DMA-701 area (kutubkhali 04-09-21)



FGD meeting at DMA-702 (Bomomala school_ 06-09-21)



FGD Meeting at DMA-702 (Shishu mela school_07-09-21)



Tea Stall meeting at DMA-702 (Goalmari Mor_15-7-21)



Tea Stall meeting at DMA-702 area (Muradpur, Kodomboli-09.09.21)

Consultation Meetings at DMA 703 areas



FGD Meeting at DMA-703 area of ICB-2.12



Tea Stall Meeting at DMA-703 area of ICB-2.12



Tea Stall Meeting at DMA-703 of ICB-2.12 area



Tea Stall Meeting at DMA-703 of ICB-2.12 area

Photographs of roads at day and night



Day photo at DMA-701 (Shekdi road)



Night Photo at DMA-701 (Shekdi road)



**Day photo at DMA-702
(Chittagong Highway Road)**



**Night Photo at DMA-702
(Chittagong Highway Road)**



Day photo at DMA-702 (Goal bari mor)



Night Photo at DMA-702 (Goal bari mor)

Photographs of roads at day and night



**Day photo at DMA-703
(Jummon mia chairman road)**



**Night Photo at DMA-703
(Jummon mia chairman road)**



Day photo at DMA-703 (Kudrat Ali bazar road)



Night Photo at DMA-703 (Kudrat Ali bazar road)



Day photo at DMA-703 (Dhonia club more road)



Night Photo at DMA-703 (Dhonia club more road)

Photograph of affected persons and their businesses/workplaces

ICB Package 2.12/ Batch 1 DMAs: PAP's Shop Photo



DMA-701-A, SI #1- Md. Shofiqul Islam



DMA-701-A, SI #2- Shahidul Islam



DMA-701-A, SI #3- Md. Ramjan Ali



DMA-701-A, SI #4- Md. Nasir Uddin



DMA-701-A, SI #5 - Abu Kalam



DMA-701-B, SI #1- Md. Matin



DMA - 701-B, SI #2- Md. Jalil Mollah



DMA-701-B, SI #3 - Md. Tanvir
Ahmed Tarak



DMA-702, SI #1- Md. Liton



DMA-702, SI #2- Md. Shamsul Shaek



DMA-702, SI #3- Mst. Jahanara Begum



DMA-702, SI #4- Md. Moosharof
Hossain



DMA-702, SI #5- Mohammad Mofizur
Rahman



DMA-702, SI #6- Md. Jalal Mia



DMA-702, SI #7- Raja Miah Halder



DMA-702, SI #8- Md. Selim



DMA-702, SI #9- Md. Mukul Mia

ICB Package 2.12/ Batch 1 DMAs: PAP's Shop Photos (cont...)



DMA-703, SI# 1 - Sohel Howladar



DMA-703, SI# 2- Irin Akter



DMA-703, SI# 3- Saiful Islam



DMA-703, SI# 4 - Md. Joy



DMA-703, SI# 5- Chamchunahar



DMA-703, SI# 6- Md. Khoka Mia



DMA-703, SI#7- Ruhul Amin



DMA-703, SI# 8- Md. Mizanur Rahman



DMA-703, SI# 9- Md. Robiul Molla



DMA-703, SI# 10- Kader



DMA-703, SI# 11- Mohammad Jakir Hossain



DMA-703, SI# 12- Md. Babul Mia



DMA-703, SI# 13- Harun



DMA-703, SI# 14- Selina Akter



DMA-703, SI# 15- Amir Hossen

APPENDIX 3: SOCIO-ECONOMIC DETAILS OF LIKELY AFFECTED PERSONS

Package ID: ICB 2.10 DMA – 701 (A), Location – Jatrabari, Kutubkhali, NoyaNagar, Dhaka

Sl. No.	AP's Name	Age (yrs)	Sex	Education	Father/Husband & Mother Name	Business Address	Contact No	Type of Business	What would be affected	Vulnerability (V / NV)	Net income / day (Tk) R	Photo of AP	Remarks
1	Md. Shofiqul Islam	54	M	Play/Nursery	Md. Hanif / Maksuda	Opposite of Annonto Pharmacy, Nayanagar	01761-880677	Vegetable	Income loss	NV	500		
2	Sahidul Islam	43	M	Primary Completed	Abdul Berek / Morium Begum	Bye Bye Store, North kutubkhali	01948-025503	Grocery	Income loss	NV	600		
3	Md. Ramjan Ali	55	M	Primary Completed	Rojob Ali / Morjina Begum	Rahat Store, North kutubkhali	01879-403973	Grocery	Income loss	NV	700		
4	Md. Nasir Uddin	43	M	Secondary Level	Md. Shamsuddin / Hena Begum	Prova General Store, North kutubkhali	01923-774064	Grocery	Income loss	NV	800		
5	Abu Kalam	40	M	Primary Completed	Muslem Sheikh / Mst. Halima Begum	Besides Jahirun Nesa Mohila Madrasa, North kutubkhali	01931-307806	Grocery	Income loss	NV	700		

Package ID: ICB 2.10 DMA – 701 (B), Location – Mridhabari, Shekdi, Shontek, Kazir Gaon, Dhaka

Sl. No.	AP's Name	Age (yrs)	Sex	Education	Father/Husband & Mother Name	Business Address	Contact No	Type of Business	What would be affected	Vulnerability (V / NV)	Net income / day (Tk) R	Photo of AP	Remarks
1	Md. Matin	51	M	Cannot Read & Write	Late Hanif Chowkider / Halima khatun	Besides Mridhabari PTW, Mridhabari	01935-394366	Tea - Stall	Income loss	NV	500		
2	Md. Jalil Mollah	48	M	Primary Completed	Md. Shamsuddin / Mst. Julekha Begum	Besides Mridhabari PTW, Mridhabari	01648-441058	Tea - Stall	Income loss	NV	500		
3	Md. Tanvir Ahmed Tarak	24	M	Higher Secondary	Abdul Wazed Ramjan / Dolon Begum	Abdul Samad Road, Besides Demra Highway, Matuail	01939-77502	25 (Flexi-Load)	Income loss	NV	700		

Package ID: ICB 2.10 DMA –702, Locations – Chatrgram High way Road, Dhaniya, Rasulpur, Kutubkhali, Mawya Road , Dhaka

Sl. No.	AP's Name	Age (yrs)	Sex	Education	Father/ Husband & Mother Name	Business Address	Contact No	Type of Businesses	What would be affected	Vulnerability (V/ NV)	Net income / day (Tk) R	Photo of AP	Remarks
1	Md. Liton	39	M	Primary Completed	Mofiz Uddin / Mst. Kulsum	Pubali Road, Jatrabari	01635-788304	Vegetable	Income loss	NV	900		
2	Md. Shamsul Shaek	54	M	Cannot Read & Write	Majibur Rahman ? Jamila Khatun	Pubali Goli, Jatrabari	01826-837540	Vegetable	Income loss	NV	400		
3	Mst. Jahanara Begum	54	F	Primary Completed	Md. Osman Goni Patowari / Mst. Mamotaz Begum	Pubali Goli, Jatrabari	01302-313286	Grocery	Income loss	NV	800		
4	Md. Moosharof Hossain	47	M	Primary Completed	Md. Samsuddin Mir Malot / Fulmoti	Pubali Society, Jatrabari	01719-966621	Stationery	Income loss	NV	800		
5	Mohammad Mofizur Rahman	37	M	Primary Completed	Abdur Razzak Khan/Enara Begum	Nine Nine Store, Kutubkhali Madrasha Road	01715-711202	Grocery	Income loss	NV	700		
6	Md. Jalal Mia	41	M	Primary Completed	Md. Soharab Hossen/ Mst. Sufiya Begum	Satota General Store, Shishumela School Raod	01670-801911	Grocery	Income loss	NV	800		
7	Raja Miah Halder	37	M	Primary Completed	Awal Halder / Hazera Begum	Shajahan Super Market (op), Adorsho School Road	01921-027666	Poultry	Income loss	NV	700		
8	Md. Selim	52	M	Primary Completed	Abul Kalam / Momena Khatun	Shishumela Raod, Rasulpur	01922-109961	Grocery	Income loss	NV	700		
9	Md. Mukul Mia	15	M	Primary Completed	Md. Joynal / Mst. Buli Begum	Bhai Bhai Center, Pubali Jame Moisjid Goli	01908-516239	Grocery	Income loss	NV	700		

**Package ID: ICB 2.10 DMA – 703, Locations – Dhaniya, Muradpur, Kadomtoly, Sonir Akhra,
Nasir Uddin Road, Dholyper, Dhaka**

Sl. No.	AP's Name	Age (yrs)	Sex	Educati on	Father/ Husband & Mother Name	Business Address	Contact No	Type of Busine ss	What would be affected	Vulner ability (V/ NV)	Net incom e / day (Tk)	Photo of AP	Remarks
1	Sohel Howladar	41	M	Primary Complet ed	Sultan Howladar / Taslima Shek	Miraj Tea Stall, Mukijuddah Monir Hossain Road, Barobari	01985-296184	Tea - Stall	Income loss	NV	600		
2	Irin Akter	31	F	Primary Complet ed	Md. Abbas Ali / Amena Begum	Rashid Mastan Store, Barobari Raod Link-1	01628-383414	Tea - Stall	Income loss	NV	600		
3	Saiful Islam	25	M	Second ary Level	Md. Nurul Haque / Morsheda Akter	Arif Store, Club Mor, Barobari Road	01677-974183	Grocery	Income loss	NV	600		
4	Md. Joy	15	M	Primary Complet ed	Md. Abul Hossain / Bilkis	Dhoniya Club Mor, Barobari Road	01762-344630	Tea - Stall	Income loss	NV	500		
5	Chamchun ahar	33	F	Cannot Read & Write	H-Kawser Mia / Rokiya Begum	Dipti goli, Khalilur Rahman Road	01704-586741	Vegetab le	Income loss	NV	700		
6	Md. Khoka Mia	26	M	Primary Complet ed	Din Islam / Saju Akter	Dhoniya Club Mor, Barobari	01943-448919	Grocery	Income loss	NV	600		
7	Ruhul Amin	25	M	Second ary Level	Fazlur Rahman / Mst. Nazma Khatun	Ak School Goli, Dhoniya	01780-364655	Grocery	Income loss	NV	600		
8	Md. Mizanur Rahman	36	M	Primary Complet ed	Md. Khalilur Rahman / Mst. Monjura Khatun	Ak School Goli, Dhoniya	01920-727555	Grocery	Income loss	NV	1000		
9	Md. Robiul Molla	28	M	Primary Complet ed	Abdul Kader Molla / Hena Begum	Club Mor, Barobari	01304-303320	Vegetab le	Income loss	NV	800		
10	Kader	54	M	Cannot Read & Write	Poshor Ali / Monsura Khatun	Dhoniya Club Mor, Barobari Road	01786-679471	Tea - Stall	Income loss	NV	500		
11	Mohamma d Jakir Hossain	41	M	Higher Second ary	Md. Jomser Ali / Khelaton Ali	Zarir General Store, Club Mor, Barobari Road	01912-042934	Grocery	Income loss	NV	600		
12	Md. Babul Mia	37	M	Primary Complet ed	Md. Nizam Uddin / Sahera Khatun	Opposite of PP Fashion, Ak School Goli, Dhoniya	01909-913677	Grocery	Income loss	NV	800		

13	Harun	42	M	Play/Nursery	Ashrab Ali / Julekha	Gias Store, Ak School Goli, Dhoniya	01966-971282	Grocery	Income loss	NV	700		
14	Selina Akter	31	F	Primary Completed	Rofiq Matbor / Saleha Begum	Akter Store, Lal Mia Sarker Road	01950-487346	Grocery	Income loss	NV	700		
15	Amir Hossen	34	M	Primary Completed	Samsul Haque / Kulsum Begum	Opposite of Mayer doya Store, Lal Mia Sarker Road	01748-878730	Vegetable	Income loss	NV	800		

APPENDIX 4: DETAILS LENGTH WIDTH DIA AND METHOD OF PIPELAYING

DMA: 701 (A)

SI	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open Cut/ Trenchless Pipe Laying
1	1 No Mosque Road	22.892	75	2.50 m	OC
2	Arot Road 1	58.109	75	4.01 m	OC
3	Arot Road 3	77.657	75	3.00 m	OC
4	Arot Road 5	69.157	75	3.00 m	OC
5	Arot Road 50	275.152	110	6.20 m	HDD
6	Chan Mia Road	28.434	110	3.12 m	OC
7	Chan Mia Road	31.834	110	3.12 m	OC
8	Chan Mia Road	213.026	160	2.63 m	OC
9	Chan Mia Road	85.154	110	3.12 m	HDD
10	Chan Mia Road-02	50.647	75	1.40 m	OC
11	City Corporation Market Road	260.696	110	5.85 m	HDD
12	City Corporation Market Road 1	286.937	110	7.50 m	HDD
13	D.M.P Gate	33.394	75	8.75 m	OC
14	Dakkhin Kazla 1	37.122	75	2.49 m	OC
15	Dakkhin Kazla 2	127.571	110	1.35 m	OC
16	Dakkhin Kazla 3	54.156	110	2.65 m	OC
17	Dewan Bari Road	80.276	75	2.21 m	OC
18	Dhaka Demra Highway	8.292	315	33.69 m	OC
19	Dhaka Demra Highway	142.410	75	33.69 m	HDD
20	Dhaka Demra Highway	248.014	110	39.54 m	HDD
21	Dhaka Demra Highway	313.324	160	39.54 m	HDD
22	Dhaka Demra Highway	259.959	160	33.69 m	HDD
23	Dhaka Demra Highway	227.657	200	39.54 m	HDD
24	Dhaka Demra Highway	192.867	200	33.69 m	HDD
25	Dhaka Demra Highway	195.606	250	33.69 m	HDD
26	Doctor Bari Road	61.781	75	5.37 m	OC
27	Fatema Abasik Housing Road 1	70.924	110	2.80 m	OC
28	Fatema Abasik Housing Road 2	83.898	110	3.09 m	OC
29	Fatema Abasik Housing Road 3	50.209	75	2.54 m	OC
30	Fatema Abasik Housing Road 4	57.911	110	2.76 m	OC
31	Fayjul Bari Goli Road	106.161	110	2.76 m	OC
32	Fish Market Road	37.943	75	2.44 m	OC
33	Fish Market Road	134.035	110	2.44 m	OC
34	I6-01 Uttar Kutubkhali Masjida-03	167.640	110	1.50 m	OC
35	I6-04 Mosque Road 1	212.919	110	0.91 m	OC
36	Internal Road	26.090	75	1.74 m	OC
37	Internal Road 1	28.290	75	1.40 m	OC

SI	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open Cut/ Trenchless Pipe Laying
38	Internal Road 1	243.687	110	2.00 m	OC
39	Internal Road 10	36.133	75	0.99 m	OC
40	Internal Road 11	188.655	110	5.13 m	OC
41	Internal Road 11/1	12.025	75	0.28 m	OC
42	Internal Road 13	24.877	75	1.78 m	OC
43	Internal Road 14	26.773	75	1.55 m	OC
44	Internal Road 15	22.758	75	1.57 m	OC
45	Internal Road 16	53.648	110	1.54 m	OC
46	Internal Road 17	37.440	75	1.47 m	OC
47	Internal Road 18	35.482	75	1.90 m	OC
48	Internal Road 19	21.678	75	0.88 m	OC
49	Internal Road 2	75.134	110	1.75 m	OC
50	Internal Road 20	65.809	110	2.35 m	OC
51	Internal Road 21	63.072	75	2.20 m	OC
52	Internal Road 23	31.253	75	0.61 m	OC
53	Internal Road 24	15.692	75	1.23 m	OC
54	Internal Road 25	60.448	75	0.85 m	OC
55	Internal Road 26	66.134	110	2.20 m	OC
56	Internal Road 36	30.457	75	1.48 m	OC
57	Internal Road 4	36.815	75	0.91 m	OC
58	Internal Road 41	19.307	75	1.61 m	OC
59	Internal Road 42	29.082	75	1.30 m	OC
60	Internal Road 43	38.680	75	2.13 m	OC
61	Internal Road 48	67.724	110	1.22 m	OC
62	Internal Road 49	11.722	75	2.27 m	OC
63	Internal Road 5	49.202	75	1.23 m	OC
64	Internal Road 53	30.128	75	0.62 m	OC
65	Internal Road 54	26.919	75	2.13 m	OC
66	Internal Road 55	24.948	75	1.92 m	OC
67	Internal Road 56	13.112	75	1.26 m	OC
68	Internal Road 58	28.693	75	0.89 m	OC
69	Internal Road 59	57.952	75	3.00 m	OC
70	Internal Road 6	43.773	75	2.09 m	OC
71	Internal Road 62	21.336	75	0.74 m	OC
72	Internal Road 63	40.332	75	0.65 m	OC
73	Internal Road 64	23.239	75	0.95 m	OC
74	Internal Road 65	36.840	75	1.87 m	OC
75	Internal Road 66	43.390	75	1.71 m	OC
76	Internal Road 67	21.544	75	1.21 m	OC
77	Internal Road 7	144.583	110	2.40 m	OC

SI	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open Cut/ Trenchless Pipe Laying
78	Internal Road 8	12.773	75	0.65 m	OC
79	Jalal Uddin Road	191.737	110	3.23 m	OC
80	Jalal Uddin Road, Shekdi	163.961	110	2.45 m	OC
81	Kazla Road (South)	24.440	75	0.85 m	OC
82	Kutubkhali Arot Road	100.249	110	4.50 m	HDD
83	Kutubkhali Goli Road	28.765	75	.96 m	OC
84	Kutubkhali Lane 1	58.058	75	0.98 m	OC
85	Kutubkhali Lane 2	82.421	110	1.65 m	OC
86	Kutubkhali Masjid Road-6	42.699	75	1.58 m	OC
87	Kutubkhali Road	140.925	160	2.02 m	OC
88	Kutubkhali Road	10.272	315	4.05 m	OC
89	Kutubkhali Road	96.748	160	6.15 m	HDD
90	Kutubkhali Road	21.295	200	6.84 m	HDD
91	Kutubkhali Road 3	22.973	75	0.58 m	OC
92	Kutubkhali Vitor Road	104.954	110	2.27 m	OC
93	Kutubkhali Vitor Road 1	69.244	110	1.53 m	OC
94	Kutubkhali Vitor Road 4	29.225	75	1.16 m	OC
95	Kutubkhali Vitor Road 5	34.389	75	1.33 m	OC
96	Kutubkhali Vitore Road 2	43.669	75	0.98 m	OC
97	Kutubkhali Vitore Road 3	31.464	75	0.86 m	OC
98	Link Road	146.131	75	12.50 m	HDD
99	Link Road	179.593	75	12.50 m	HDD
100	Link Road	142.797	160	12.50 m	HDD
101	Link Road	172.891	200	12.50 m	HDD
102	Madbor Goli Road	31.282	75	1.70 m	OC
103	Madrasa Link Road 1	201.809	110	3.87 m	HDD
104	Masjid Goli	21.611	75	3.39 m	OC
105	Masjid Goli	94.959	110	3.39 m	OC
106	Masjid Goli 1	27.453	75	1.02 m	OC
107	Masjid Goli 1	35.129	75	1.02 m	OC
108	Masjid Goli 1	35.129	75	1.02 m	OC
109	Masjid Goli Road-2/3	20.713	75	3.32 m	OC
110	Masjid Golo Road	258.482	110	2.66 m	OC
111	Matbari Goli Road	84.085	110	2.20 m	OC
112	Matbari Goli Road	128.745	110	3.48 m	HDD
113	N. Kutubkhali Road, School	14.478	75	1.59 m	OC
114	N1- Dhaka Chattogram National Highway	174.066	110	57.17 m	HDD
115	N1- Dhaka Chattogram National Highway	158.599	160	57.17 m	HDD
116	N1- Dhaka Chattogram National	238.346	200	57.17 m	HDD

SI	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open Cut/ Trenchless Pipe Laying
	Highway				
117	N1- Dhaka Chattogram National Highway	266.658	200	57.17 m	HDD
118	N1- Dhaka Chattogram National Highway	93.492	200	57.17 m	HDD
119	N1- Dhaka Chattogram National Highway	35.757	315	57.17 m	HDD
120	Noaya Nagar Road 9	43.612	75	0.72 m	OC
121	North Kutubkhali Road	60.567	75	2.00 m	OC
122	North Kutubkhali School Road	55.395	110	3.00 m	OC
123	North Kutubkhali School Road	156.396	110	3.00 m	HDD
124	Noyanagar Mia Road 7	91.103	110	2.29 m	OC
125	Noyanagar Mia Road 8	247.464	200	3.29 m	HDD
126	Noyanagar Mia Road 8	63.166	200	2.55 m	HDD
127	Noyanagar Mia Road	260.345	160	3.58 m	HDD
128	Noyanagar Mia Road	176.297	160	3.40 m	HDD
129	Noyanagar Mia Road 1	121.302	110	1.85 m	OC
130	Noyanagar Mia Road 2	97.374	110	1.75 m	OC
131	Noyanagar Mia Road 3	59.749	110	2.03 m	OC
132	Noyanagar Mia Road 4	161.094	110	2.14 m	OC
133	Noyanagar Mia Road 6	225.690	200	4.06 m	HDD
134	Power House Road	61.905	75	4.45 m	OC
135	Power House Road 1	59.174	75	2.13 m	OC
136	Rediant International School Link Road-1	69.775	75	2.48 m	OC
137	Rediant International School Link Road-1	108.094	110	2.40 m	OC
138	Rediant International School Link Road-2	138.893	110	1.40 m	OC
139	Rediant International School Link Road-3	4.328	315	3.09 m	OC
140	Rediant International School Link Road-3	59.320	75	3.09 m	HDD
141	Rediant International School Link Road-3	68.252	250	3.09 m	HDD
142	Shakti Goli	26.066	75	1.17 m	OC
143	Sheikdi Bazar Goli Link-1	65.020	110	2.53 m	OC
144	Sheikdi Masjid Goli	61.447	110	1.98 m	OC
145	Shekdi Banga Road	234.290	110	4.30 m	HDD
146	Sontak-1 No Goli	103.958	110	2.77 m	OC
147	Sontek Main Road Goli	217.597	160	57.17 m	HDD
148	Sontek Main Road Goli 1	197.269	110	3.60 m	HDD

SI	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open Cut/ Trenchless Pipe Laying
149	Sontek Main Road Goli 1	140.149	200	3.12 m	HDD
150	Sontek Main Road Goli 2	32.813	75	2.42 m	OC
151	Sontek Main Road Goli 2	254.428	110	3.46 m	OC
152	Sontek Main Road Goli 3	33.068	75	1.56 m	OC
153	Sontek Main Road Goli 6	21.736	75	1.00 m	OC
154	Sontek Main Road Goli 6	18.692	75	1.00 m	OC
155	Sontek Vitore Road	23.008	75	1.12 m	OC
156	South Jatrabari Road	184.949	110	4.69 m	OC
157	Uttor Kutub Khali Masjid Road Goli-05	26.793	75	0.95 m	OC

DMA: 701 (B)

SI	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open Cut/ Trenchless Pipe Laying
1	Abdul Raman Road	38.325	75	2.5036 m	OC
2	Abdul Raman Road	207.195	110	1.35 m	OC
3	Abdull Molla High School Link Road	20.095	75	1.20 m	OC
4	Agrodut School Road Goli	43.095	75	1.00 m	OC
5	Al Hadaia Jame Mosjied Goli 1	32.242	75	2.00 m	OC
6	Alhera Jame Masjid Road 1	50.323	110	4.4121 m	OC
7	Alhera Jame Masjid Road 1	88.529	110	4.7670 m	HDD
8	Alhera Jame Masjid Road 1	59.522	110	4.3809 m	HDD
9	Alhera Jame Masjid Road 1	92.591	110	4.4121 m	HDD
10	Alhera Jame Masjid Road 1	129.252	160	4.3809 m	HDD
11	Alhera Jame Masjid Road 2	74.456	110	3.0 m	OC
12	Alhera Jame Masjid Road Lane-1	46.724	75	3.60 m	OC
13	Alhera Jame Mosque Road Lane 2	33.331	75	2.399 m	OC
14	Arsad Ulla Link Road 1	27.730	75	1.60 m	OC
15	Arsad Ulla Link Road 2	26.058	75	2.00 m	OC
16	Arsad Ulla Road	286.148	200	5.74 m	HDD
17	Asian City Market, Vanga Press Kazirgaon	158.254	110	4.25 m	OC
18	Asimuddin Molla Lane-1	14.157	75	1.70 m	OC
19	Baitul Nur Jame Mosjid Road	29.791	110	2.5161 m	OC
20	Baitul Nur Jame Mosjid Road	50.847	110	2.8180 m	HDD
21	Baitul Nur Jame Mosjid Road	98.342	110	2.8180 m	HDD
22	Baitul Nur Jame Mosjid Road 1	41.613	110	1.36 m	OC
23	Baitul Nur Jame Mosjid Road Goli	36.995	75	1.15 m	OC
24	Banga Prese Goli Road	90.446	110	2.20 m	OC

Sl	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open Cut/ Trenchless Pipe Laying
25	Biswas Bari Road	15.892	75	1.90 m	OC
26	Commishoner Road, Lane-1	334.361	110	2.95 m	HDD
27	Commishoner Road, Lane-3	77.619	75	2.00 m	OC
28	Commissioner Road 2	96.300	75	0.9448 m	OC
29	Demra Internal Road	34.388	75	1.3292 m	OC
30	Demra Internal Road	85.948	110	3.5038 m	OC
31	Demra Internal Road	219.494	110	3.5038 m	HDD
32	Demra Internal Road	139.603	110	3.5038 m	HDD
33	Demra Internal Road 1	41.312	75	2.50 m	OC
34	Dhaka Demra Highway	118.810	75	35.00 m	HDD
35	Dhaka Demra Highway	129.253	75	35.00 m	HDD
36	Dhaka Demra Highway	125.297	75	35.00 m	HDD
37	Dhaka Demra Highway	222.196	160	35.00 m	HDD
38	Dhaka Demra Highway	200.064	250	35.00 m	HDD
39	Dhaka Demra Highway	62.909	250	35.00 m	HDD
40	Dhaka Demra Highway	151.598	315	35.00 m	HDD
41	Dipu Member Goli	14.494	160	5.00 m	OC
42	Dipu Member Goli	112.862	160	3.50 m	HDD
43	Dipu Member Goli	83.503	160	5.00 m	HDD
44	Dipu Member Goli 1	89.257	110	1.35 m	OC
45	Eashakha Road Goli	125.673	110	2.95 m	HDD
46	Eashakha Road Goli 1	26.923	75	1.00 m	OC
47	Eashakha Road Goli 1	44.147	75	1.00 m	OC
48	Eashakha Road Goli 2	25.968	75	0.70 m	OC
49	East Sheikdi Goli	38.268	75	1.15 m	OC
50	East Shekdie Link Road	289.972	160	3.2322 m	HDD
51	Ershadullah Road A	31.708	75	2.15 m	OC
52	Faruk Shaheb Road	74.735	110	3.75 m	OC
53	Freedom Fighter Road Goli	34.738	75	1.80 m	OC
54	Golappuri Kintergarden Road	82.337	110	1.50 m	OC
55	Haji A. Samad Road, Ln-01	90.518	110	2.70 m	OC
56	Haji A. Samad Road, Ln-03	18.313	75	1.50 m	OC
57	Haji Kamal Uddin Road	33.679	75	2.15 m	OC
58	Hasem Molla Road	14.043	75	1.40 m	OC
59	Hazi Abdul Samad Link Road-4	47.281	110	3.45 m	OC
60	Hazi Abdus Samad Link 10	40.818	75	2.7535 m	OC
61	Hazi Abdus Samad Link 5	39.577	75	1.85 m	OC
62	Hazi Abdus Samad Link 7	22.604	75	2.00 m	OC
63	Hazi Abdus Samad Link 8	115.548	110	2.80 m	OC

Sl	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open Cut/ Trenchless Pipe Laying
64	Hazi Abdus Samad Link 9	145.765	110	5.67 m	HDD
65	Hazi Abdus Samad Link Road-1	43.228	75	2.50 m	OC
66	Hazi Abdus Samad Link Road-2	52.531	75	3.50 m	OC
67	Hazi Abdus Samad Link Road-6	214.870	110	2.70 m	HDD
68	Hazi Abdus Samad Road	21.834	75	1.5015 m	OC
69	Imran Shaba Road	150.663	110	3.50 m	OC
70	Internal Road 27	10.667	75	3.20 m	OC
71	Internal Road 27	136.968	110	3.20 m	OC
72	Internal Road 28	22.130	75	1.50 m	OC
73	Internal Road 29	24.640	75	1.00 m	OC
74	Internal Road 30	42.816	75	1.0051 m	OC
75	Internal Road 30	29.590	75	0.5009 m	OC
76	Internal Road 31	17.016	75	1.2479 m	OC
77	Internal Road 32	20.633	75	1.0183 m	OC
78	Internal Road 33	19.158	75	1.65 m	OC
79	Internal Road 35	26.091	75	2.0 m	OC
80	Internal Road 39	89.905	75	4.00 m	OC
81	Internal Road 40	24.029	75	2.00 m	OC
82	Internal Road 44	19.952	75	0.90 m	OC
83	Internal Road 45	35.038	75	2.75 m	OC
84	Internal Road 46	22.555	75	0.25 m	OC
85	Internal Road 68	142.754	110	4.90 m	HDD
86	Jalal Uddin Road	136.530	315	5.70 m	HDD
87	Kazir Gaon Goli Road	94.283	110	2.0024 m	OC
88	Kazirgaon Goli Road Branch 1	39.750	75	0.751 m	OC
89	Kazirgaon Lane 1	84.271	110	1.3778 m	OC
90	Kazirgaon Lane 2	46.969	75	2.00 m	OC
91	Kazirgaon Lane 3	101.732	110	2.00 m	OC
92	Kazirgaon Lane 4	96.805	110	2.00 m	OC
93	Kazirgaon Lane 5	59.032	75	1.20 m	OC
94	Kazirgaon Lane 6	79.189	110	2.00 m	OC
95	Kazirgaon Lane 7	14.693	75	1.60 m	OC
96	Kazirgaon Lane 8	13.252	75	1.65 m	OC
97	Kazirgaon Lane Branch 1	38.658	75	1.10 m	OC
98	Kazirgaon Lane Branch 2	33.141	75	0.70 m	OC
99	Kazirgaon Lane Branch 3	35.134	75	1.09 m	OC
100	Kazirgaon Madrasha Road Branch 1	42.493	75	2.00 m	OC
101	Kazirgaon Madrasha Road Branch 3	38.244	75	0.80 m	OC
102	Kazirgaon Mudd Way	85.447	110	1.55 m	OC

SI	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open Cut/ Trenchless Pipe Laying
103	Kazirgaw Masjid Road	71.331	75	1.70 m	OC
104	Kazirgaw Masjid Road 1	102.705	75	1.95 m	OC
105	Khalek Mia Road	60.437	110	2.2975 m	OC
106	Late Monirul Islam Road	25.159	75	1.5353 m	OC
107	Madrasa Goli	213.995	110	2.50 m	OC
108	Madrasa Link Road 1	206.314	110	3.9747 m	HDD
109	Madrasa Link Road 1	211.483	110	3.0070 m	HDD
110	Madrasa Link Road 1	203.877	160	3.92 m	HDD
111	Madrasa Link Road 2	181.830	110	2.3921 m	OC
112	Madrasa Link Road 2	60.677	110	2.0557 m	OC
113	Madrasa Link Road 2/1	12.463	75	0.95 m	OC
114	Madrasa Road Branch 1	26.808	75	0.50 m	OC
115	Madrasa Goli Lane 1	41.125	75	1.3464 m	OC
116	Madrasa Link Road 3	52.297	110	2.00 m	OC
117	Marjadul Modena Masjid Link Road	35.917	75	2.82 m	OC
118	Masque Road	34.971	200	2.00 m	HDD
119	Matoail Possim Para Road 1	78.191	110	1.70 m	OC
120	Matuail Islabul Madrasa Road 2	42.481	110	4.50 m	OC
121	Middle Shekdi Road-9	35.569	75	1.70 m	OC
122	Molla Masjid Link Road Branch 1	76.069	75	0.90 m	OC
123	Mollah Masjid Link	32.707	75	1.00 m	OC
124	Monib Ma Road 1	24.309	75	1.00 m	OC
125	Monib Mia Road	38.036	75	0.90 m	OC
126	Mosjidul Madina Road	23.120	75	2.0618 m	OC
127	Mosque Lane	62.789	75	0.7333 m	OC
128	N1- Dhaka Chattogram National Highway	291.564	315	44.93 m	HDD
129	N1- Dhaka Chattogram National Highway	226.655	315	44.93 m	HDD
130	Nazrul Islam Road	27.271	75	3.15 m	OC
131	New Shekdi 1	39.383	75	1.6098 m	OC
132	Nur Mohammad Road 1	134.128	110	2.8892 m	OC
133	Nur Mohammad Road 1	109.858	110	3.0931 m	HDD
134	Nur Mohammad Road 2	33.391	75	1.25 m	OC
135	Osimuddin Molla Lane 1	29.866	75	1.35 m	OC
136	Osimuddin Mollah Lane	56.870	75	3.41 m	OC
137	Osimuddin Mollah Lane	251.628	110	3.41 m	HDD
138	Possim Shekdi Salam Kabir Road	84.881	110	2.00 m	OC
139	Pro. Ershad-UI- Road South Shekdi	136.624	110	3.0 m	HDD
140	Pro. Ershad-UI- Road South Shekdi	136.115	160	4.20 m	HDD
141	Semanto Goli Road 1	54.649	75	1.45 m	OC

Sl	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open Cut/ Trenchless Pipe Laying
142	Semanto Goli Road 3	100.524	110	2.0887 m	OC
143	Semanto Road	22.102	75	3.00 m	OC
144	Semanto Road	6.511	315	3.00 m	OC
145	Semanto Road	29.817	110	3.00 m	HDD
146	Semanto Road	129.413	110	3.00 m	HDD
147	Semanto Road	22.715	250	3.00 m	HDD
148	Semanto Road 1	55.307	75	2.00 m	OC
149	Shahzalal Vila Road	26.184	75	1.70 m	OC
150	Sheakdi Road	220.196	200	1.6497 m	HDD
151	Sheakdi Road 1	82.508	110	1.5 m	OC
152	Sheakdi Road 2	98.963	110	0.9999 m	OC
153	Sheakdi Road 2	57.397	110	1.2228 m	OC
154	Sheakdi Road 3	26.918	75	1.20 m	OC
155	Sheakdi Road 5	58.226	110	2.20 m	OC
156	Sheikdi Ideal Road Link-2	116.334	110	0.80 m	OC
157	Sheikdi Link-1	87.747	110	1.60 m	OC
158	Sheikdi Possim Para Road	67.249	110	1.40 m	OC
159	Sheikdi Possim Para Road	109.631	110	3.0 m	HDD
160	Sheikhdi Bot Tola Road	69.482	110	1.5494 m	OC
161	Sheikhdi Bot Tola Road, Lane-1	23.637	75	0.85 m	OC
162	Sheikhdi School Road	123.907	110	2.20 m	OC
163	Sheikhdi School Road, Lane-1	23.718	75	1.00 m	OC
164	Sheikhdi School Road, Lane-3	45.417	160	1.80 m	OC
165	Shekdee 9 No Link Road	34.988	75	1.50 m	OC
166	Shekdi	60.105	110	1.50 m	OC
167	Shekdi Banga Road	11.198	315	4.42 m	OC
168	Shekdi Banga Road	105.505	75	4.42 m	HDD
169	Shekdi Banga Road	176.134	75	4.42 m	HDD
170	Shekdi Banga Road	126.732	250	4.42 m	HDD
171	Shekdi Banga Road	55.683	315	4.42 m	HDD
172	Shekdi School Link Road	181.736	110	1.80 m	OC
173	Shekdi School Link Road 1	58.436	110	2.65 m	OC
174	Shekdi School Link Road Branch 1	21.670	75	0.55 m	OC
175	Shekdi School Link Road Branch 2	16.277	75	0.55 m	OC
176	Shekdi School Road Branch 1	19.295	75	1.15 m	OC
177	Shekdi School Road Coloni	81.502	75	4.50 m	HDD
178	Shekdi School Road Coloni	52.111	200	4.50 m	HDD
179	Shekdi School Road Coloni	91.354	250	4.50 m	HDD
180	Shekdi School Road Coloni 1	42.312	75	1.20 m	OC

Sl	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open Cut/ Trenchless Pipe Laying
181	Shekdie 4 No Road	168.313	110	1.5 m	OC
182	Shekdie 5 No Road	42.495	110	1.50 m	OC
183	Shekdie Goli Road	44.506	75	1.6176 m	OC
184	Shekdie Goli Road	14.601	75	0.8228 m	OC
185	Shekdie School Link Road	35.433	75	1.50 m	OC
186	Shekdie School Road	25.838	75	2.2444 m	OC
187	Shekdie School Road	95.645	110	2.2444 m	OC
188	Shekdie School Road	84.351	200	2.0033 m	OC
189	Shimanto Road Branch 1	30.076	75	0.85 m	OC
190	Shimanto Road Branch 2	22.986	75	0.95 m	OC
191	Sonir Akhra - Mridha Bari Road	288.514	160	6.40 m	HDD
192	Sonir Akhra - Mridha Bari Road	107.916	160	8.20 m	HDD
193	Sonir Akhra - Mridha Bari Road	163.829	200	8.20 m	HDD
194	Sonir Akhra - Mridha Bari Road	265.612	200	8.75 m	HDD
195	Sonir Akhra - Mridha Bari Road	176.127	200	8.75 m	HDD
196	Sonir Akhra - Mridha Bari Road	170.352	250	8.4521 m	HDD
197	Sonir Akhra - Mridha Bari Road	112.392	250	8.75 m	HDD
198	Sonir Akra Kacha Bazar Road	56.900	75	2.7552 m	OC
199	Sonir Akra Kacha Bazar Road	215.717	110	4.6681 m	HDD
200	Sontek	37.250	75	1.86 m	OC
201	Sontek 3 No Road	75.412	110	2.00 m	OC
202	Sontek Main Road Goli	67.311	110	3.1090 m	OC
203	Sontek Main Road Goli	86.287	160	3.1090 m	OC
204	Sontek Main Road Goli	216.804	200	4.8833 m	HDD
205	Sontek Main Road Goli	30.928	200	3.1090 m	HDD
206	Sontek Main Road Goli	2.955	200	3.1090 m	HDD
207	Sontek Main Road Goli 1	198.018	160	3.601 m	HDD
208	Sontek Main Road Goli 4	34.816	75	1.00 m	OC
209	Sontek Main Road Goli 5	51.218	110	2.21 m	OC
210	Sontek Main Road Goli 6	46.022	75	1.20 m	OC
211	Sontek Main Road Goli 7	33.276	75	1.75 m	OC
212	Sontek Main Road Goli 8	62.188	75	1.8746 m	OC
213	Sontek Main Road Goli 9	24.315	75	2.10 m	OC
214	Sontek School Road	9.744	315	7.35 m	OC
215	Sontek School Road	155.027	200	2.50 m	HDD
216	Sontek School Road	47.836	250	7.35 m	HDD
217	Sontek School Road 1	24.885	75	1.3007 m	OC
218	Sontek School Road 1	80.058	110	2.2020 m	OC
219	Sontek School Road 2	30.450	75	1.35 m	OC

SI	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open Cut/ Trenchless Pipe Laying
220	South Sheikde Link Road-3	31.179	75	1.20 m	OC
221	South Sheikdee Road No-7	24.703	75	1.4913 m	OC
222	South Sheikdee Road No-7	159.808	110	2.20 m	OC
223	South Sheikdi Link Road-1	33.105	75	2.00 m	OC
224	South Sheikdi Link Road-2	41.533	75	1.80 m	OC
225	South Shekdi 3 No Road	89.334	110	2.30 m	OC
226	South Shekdi Link 4 Road	35.488	75	1.50 m	OC
227	South Shekdi Link 4 Road 1	18.873	75	1.407 m	OC
228	South Shekdi-10 No Road	157.753	110	2.0001 m	OC
229	South Shekdi-10 No Road 1	27.722	75	2.00 m	OC
230	South Sheke 8 No Road	73.473	110	2.70 m	OC
231	Titumir Road	194.004	200	2.90 m	HDD
232	Titumir Road 1	36.881	75	1.45 m	OC
233	Tuhinur Rahman Road	17.549	75	1.50 m	OC
234	Zia Sarani Branch 1	15.055	75	1.00 m	OC
235	Zia Sarani Road	32.371	75	1.1914 m	OC
236	Zia Sarani Road	96.359	110	3.00 m	OC
237	Zia Sarani Road	263.874	160	3.00 m	HDD
238	Zia Sarani Road	92.424	160	3.00 m	HDD

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Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
1	Dhaka - Chattogram Highway	14.925	400	60	OC
2	Dhaka - Chattogram Highway	14.679	400	60	OC
3	Jatrabari Wapda Colony Road	71.309	160	4	HDD
4	Jatrabari Wapda Colony Road	36.390	160	4	HDD
5	Jatrabari Wapda Colony Road	82.536	160	4	HDD
6	Jatrabari Wapda Colony Road	35.155	110	4	HDD
7	Jatrabari Wapda Colony Road	84.238	315	4	HDD
8	PDB Colony Road	72.459	110	4	HDD
9	Jatrabari Wapda Colony Road	71.332	110	3	HDD
10	Jatrabari Wapda Colony Road	83.705	110	3.5	HDD
11	Jatrabari Wapda Colony Road	50.007	110	4	HDD
12	Jatrabari Wapda Colony Road	64.358	110	4	HDD
13	Jatrabari Wapda Colony Road	97.013	110	4	HDD
14	Khalilur Rahman Road	59.273	250	7	HDD

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
15	Khalilur Rahman Road	62.336	250	7	HDD
16	Khalilur Rahman Road	88.436	250		HDD
17	Dhaka - Mawa Highway	15.672	250	60	HDD
18	Kobiraj Bari Road	73.188	110	2	OC
19	Adarsa Balika Road	84.943	110	3	OC
20	Baitul Fatah Masjid Road	88.267	110	2	OC
21	Pashchim Rasulpur Road Lane 2	37.768	110	1.5	OC
22	Adarsa Balika School Road Lane 7	40.784	110	3	OC
23	Rosulpur Kajla Goli	40.667	110	3	HDD
24	Adarsa Balika School Road Lane 1	56.393	110	5	HDD
25	Khalpar Road	26.472	110	5	HDD
26	Mojlish Kha Road	4.208	110	3	OC
27	Dhonia Daspara Road	24.924	160	3	OC
28	Khalilur Rahman Road	42.136	250	7	HDD
29	South Kutubkhali Road	27.426	110	1.2	OC
30	Rasulpur Road Lane 14	28.262	110	3	HDD
31	Wapda Colony Road	25.806	110	6	HDD
32	Rasulpur Road	27.770	200	2.5	HDD
33	AK School Road	35.005	200	7	HDD
34	South kutubkhali Road	26.058	110	3	OC
35	Khalilur Rahman Road	25.133	200	7	HDD
36	Baitul Aman Jame Masjid Goli 1	41.846	110	2.5	OC
37	AK School Road	27.077	200	7	HDD
38	Rasulpur Road Lane 25	25.910	110	2	OC
39	Kobiraj Bari Road	88.894	200	2	OC
40	Adarsa Balika School Road Lane 10	27.851	110	2.5	HDD
41	Jatrabari Madrasha Road	34.520	160	7	HDD
42	Rasulpur Road	27.568	160	3.3	HDD
43	Rasulpur Road Lane 14	29.217	110	3	OC
44	South kutubkhali Road	39.040	110	3	OC
45	Hatbazar Road Lane 1	27.299	110	2.5	OC
46	Khalpar Road	52.005	200	5	HDD
47	Rasulpur Road	30.313	160	3	HDD
48	Pubali Goli	29.034	110	2	OC
49	Rasulpur Road Lane 7	29.576	160	3	OC
50	Rasulpur Road	28.686	160	3	HDD
51	Rasulpur Road	28.089	160	3	HDD
52	Kutubkhali Madsrasa Road Lane 8	29.869	110	2	OC
53	Mojlish Kha Road	29.964	110	3	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
54	Adarsa Balika School Road	29.681	250	6	HDD
55	Shishu Mela Road Lane 1	28.589	160	2	OC
56	Rasulpur Road	37.059	160	3	HDD
57	Rasulpur Road	28.981	160	3	HDD
58	Dhonia Daspara Road	33.151	160	3	OC
59	Rasulpur Road Lane 1	31.579	110	1.4	OC
60	Baitul Aman Masjid Road	28.920	110	1.2	OC
61	Adarsa Balika School Road Lane 3	42.197	200	2.5	OC
62	Adarsa Balika School Road Lane 3	31.039	200	2.5	OC
63	Rasulpur Road	32.139	160	3	HDD
64	Green Scholar Road	31.113	200	3.5	HDD
65	Khalpar Road	39.560	200	5	HDD
66	South Kutubkhali Road Lane 1	30.571	110	1	OC
67	Rasulpur Road Lane 24	31.906	110	2	OC
68	Rasulpur Road Lane 5	31.250	110	2.5	OC
69	Shishu Mela Road Lane 2	31.937	110	2	OC
70	Khalilur Rahman Road	32.243	200	7	HDD
71	Rasulpur New Elaka Goli 1	31.871	110	1.5	OC
72	Kobiraj Bari Road Lane 1	37.189	200	2	OC
73	Rasulpur Road Lane 6	31.909	110	2	OC
74	Dhonia Post Office Road	53.971	200	3.5	HDD
75	South Kutubkhali Road	32.757	110	2	OC
76	Pubali Goli	53.530	110	2	OC
77	Mojlish Kha Road	32.435	110	3	OC
78	Kutubkhali Madsrasa Road Lane 7	41.787	110	1	OC
79	Rasulpur Road	34.651	160	3.5	HDD
80	AK School Road	36.395	200	7	HDD
81	Khalilur Rahman Road	55.865	200	7	HDD
82	Shishu Mela Road Lane 3	36.707	110	1.8	OC
83	Shishu Mela Road Lane 1	33.957	160	2	OC
84	Rasulpur Road Lane 7	22.515	110	3	OC
85	Rasulpur Road Lane 7	25.583	110	3	OC
86	Green Scholar Road	37.291	110	3.5	HDD
87	Jatrabari Madrasha Road	50.205	200	7	HDD
88	Khalpar Road	35.329	200	5	HDD
89	Mojlish Kha Road Lane 5	36.050	110	1.5	OC
90	Hawa Goli 1	69.198	110	3	OC
91	Khalpar Road	36.356	200	5	HDD
92	Dhonia Daspara Road Lane 3	37.553	110	2	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
93	South Kutubkhali Road	48.425	110	1.2	OC
94	Khalilur Rahman Road	37.541	250	7	HDD
95	Mojlish Kha Road Lane 1	38.217	110	2.5	OC
96	Adarsa Balika School Road Lane 6	39.072	200	4	HDD
97	AK School Road	62.261	200	7	HDD
98	Khalpar Road	39.880	250	5	HDD
99	Pubali Goli	40.605	110	2	OC
100	Green Scholar Road	3.986	200	3.5	HDD
101	Madrasa Goli 2	38.331	110	1.5	OC
102	Dhaka - Chattogram Highway	41.381	160	60	HDD
103	Dhonia Daspara Road	40.995	160	3	OC
104	Rasulpur Road	41.518	160	3.5	HDD
105	Wapda Colony Road	40.274	110	6	HDD
106	Wapda Colony Road	43.972	160	6	HDD
107	Rasulpur Road	46.659	160	3.3	HDD
108	Rasulpur Road Lane 12	41.378	160	1.4	OC
109	Rasulpur Road	41.637	160	3.3	HDD
110	Dhaka - Chattogram Highway	62.414	315	60	HDD
111	Wapda Colony Road Lane 2	39.703	110	2	OC
112	Rasulpur Road	43.075	160	3.3	HDD
113	Khalilur Rahman Road Lane 2	42.556	110	2	OC
114	Kutubkhali Madsrasa Road Lane 3	42.211	200	3.5	HDD
115	Rasulpur Road Lane 18	42.631	160	2	OC
116	Kutubkhali Madsrasa Road Lane 8	42.841	110	2	OC
117	Rasulpur Road Lane 10	58.721	110	2	OC
118	Kutubkhali Madsrasa Road Lane 3	42.071	160	3.5	HDD
119	Rasulpur Road	44.132	160	3	HDD
120	Khalilur Rahman Road	76.276	250	7	HDD
121	Rasulpur New Elaka Goli 3	44.774	110	1	OC
122	Hatbazar Road	43.941	200	2.5	HDD
123	Shishu Mela Road	63.168	200	2	OC
124	South Kutubkhali Road	44.962	110	2	OC
125	Dhaka - Mawa Highway	47.088	160	60	HDD
126	Dhonia Daspara Road	45.571	160	3	OC
127	Said Uddin Road	53.231	110	1.5	OC
128	Rasulpur Road	46.806	160	3.3	HDD
129	Dhonia Daspara Road	11.748	160	3	OC
130	Pashchim Rasulpur Road	43.782	160	3	OC
131	Bornomala School Road	52.343	200	12	HDD

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
132	South Kutubkhali Road	29.256	110	1.2	OC
133	Shishu Mela Road Lane 3	45.662	200	1.8	OC
134	Rasulpur Road Lane 4	30.836	110	2.5	OC
135	Rasulpur Road Lane 4	91.626	110	2.5	OC
136	Misti Goli	49.865	110	2.5	OC
137	Green Scholar Road	48.435	110	3.5	HDD
138	Rasulpur Road Lane 5	49.260	110	2.5	OC
139	Rasulpur New Elaka Goli 1	73.886	110	1.5	OC
140	South Kutubkhali Road	48.498	110	1.2	OC
141	Bornomala School Road	56.844	200	12	HDD
142	Goalbari Mor	49.495	200	7	HDD
143	Rasulpur Road Lane 10	52.354	110	2	OC
144	Jatrabari Madrasha Road Lane 11	47.830	110	2	OC
145	Mojlish Kha Road Lane 1	51.343	110	2.5	OC
146	Rasulpur Road Lane 13	50.350	110	1.5	OC
147	Rosulpur Kajla Goli	68.788	160	3	HDD
148	Rasulpur Road	10.948	160	3.5	HDD
149	Rasulpur Road Lane 7	51.547	110	3	OC
150	Goalbari Mor	52.709	200	7	HDD
151	Dhaka - Chattogram Highway	48.632	160	60	HDD
152	Kutubkhali Madsrasa Road Lane 7	50.017	110	1	OC
153	Goalbari Mor	97.409	200	7	HDD
154	AK School Road	45.332	200	7	HDD
155	Wapda Colony Road	63.395	160	6	HDD
156	Adarsa Balika School Road Lane 10	53.592	110	2.5	OC
157	Adarsa Balika School Road	53.758	200	6	HDD
158	Pashchim Rasulpur Road	41.424	160	3	OC
159	Rasulpur Road Lane 11	26.808	110	1	OC
160	Rasulpur Road Lane 11	27.564	110	1	OC
161		59.615	110		OC
162	Rasulpur Road Lane 5	54.500	110	2.5	OC
163	Dhaka - Chattogram Highway	52.392	315	60	HDD
164	Shishu Mela Road	50.210	200	2	OC
165	Jatrabari Madrasha Road	56.017	200	7	HDD
166	AK School Road	35.163	200	7	HDD
167	Dhaka - Chattogram Highway	52.707	160	60	HDD
168	Adarsa Balika School Road Lane 3	77.573	200	2.5	OC
169	Rasulpur Road Lane 2	54.893	110	1.5	OC
170	Rasulpur Road Lane 6	55.838	110	2	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
171	Green Scholar Road	66.461	200	3.5	HDD
172	Rasulpur Road	61.938	110	2	OC
173	Pubali Goli 1	58.836	110	2.5	OC
174	Kutubkhali Madsrasa Road Lane 3	24.045	160	3.5	HDD
175	Elias Road	61.423	110	3	OC
176	Dhaka - Mawa Highway	58.593	160	60	HDD
177	Jatrabari Madrasha Road	58.759	200	7	HDD
178	Dhaka - Chattogram Highway	57.819	250	60	HDD
179	South kutubkhali Road	49.947	110	3	OC
180	Mojlish Kha Road	57.603	110	3	OC
181	Mojlish Kha Road Lane 4	60.850	110	1.2	OC
182	Rasulpur Road Lane 24	67.660	110	2	OC
183	Green Scholar Road	59.908	200	3.5	HDD
184	Hatbazar Road	12.808	200	2.5	HDD
185	Khalilur Rahman Road	59.981	200	7	HDD
186	Wapda Colony Road	81.173	160	6	HDD
187	Dhaka - Chattogram Highway	55.905	200	60	HDD
188	Dhaka - Chattogram Highway	63.570	200	60	HDD
189	Baitul Aman Masjid Road	37.329	110	1.2	OC
190	Baitul Aman Masjid Road	33.450	110	1.2	OC
191	Bornomala School Road	55.388	200	12	HDD
192	Hatbazar Road Lane 1	48.268	110	2.5	OC
193	Pashchim Rasulpur Road	71.118	160	3	OC
194	Kutubkhali Madsrasa Road Lane 11	62.030	110	1.5	OC
195	Jatrabari Madrasha Road	63.074	200	7	HDD
196	Rasulpur Road	64.336	110	3.3	HDD
197	Wapda Colony Road	44.759	160	6	HDD
198	Misti Goli	68.528	110	2.5	OC
199	Baitul Aman Jame Masjid Goli 1	12.828	110	2.5	OC
200	Dhaka - Chattogram Highway	58.834	315	60	HDD
201	Dhaka - Chattogram Highway	70.584	250	60	HDD
202	Dhonia Daspara Road	68.455	160	3	OC
203	AK School Road	42.039	200	7	HDD
204	Kutubkhali Madsrasa Road Lane 3	66.895	160	3.5	HDD
205	Adarsa Balika School Road	62.229	250	6	HDD
206	Adarsa Balika School Road	4.179	250	6	HDD
207	Adarsa Balika School Road	73.058	200	6	HDD
208	Mojlish Kha Road Lane 5	29.438	110	1.5	OC
209	Mojlish Kha Road Lane 5	55.714	110	1.5	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
210	Jatrabari Wapda Colony Road	55.070	315	4	HDD
211	Adarsa Balika School Road Lane 6	79.121	200	4	HDD
212	Khalpar Road	68.683	250	5	HDD
213	Dhaka - Mawa Highway	69.355	315	60	HDD
214	Adarsa Balika School Road	20.888	250	6	HDD
215	Adarsa Balika School Road	54.856	250	6	HDD
216	Dhaka - Mawa Highway	69.095	315	60	HDD
217	Misti Goli	68.076	110	2.5	OC
218	Guru Soroni	76.677	110	2.8	HDD
219	Rasulpur Road Lane 18	70.267	160	2	OC
220	Jatrabari Madrasha Road	14.253	200	7	HDD
221	Bornomala School Road _{Tá}	62.075	200	12	HDD
222	Rasulpur Road	69.627	160	3.5	HDD
223	Dhaka - Mawa Highway	73.696	200	60	HDD
224	Dhaka - Mawa Highway	67.514	200	60	HDD
225	Khalilur Rahman Road	41.273	250	7	HDD
226	Dhaka - Chattogram Highway	80.311	200	60	HDD
227	Dhaka - Chattogram Highway	73.715	200	60	HDD
228	Guru Soroni	75.585	110	2.8	HDD
229	Dhaka - Chattogram Highway	78.203	200	60	HDD
230	Dhaka - Chattogram Highway	62.881	200	60	HDD
231	Elias Road	68.080	110	3	OC
232	Rasulpur Road	35.934	160	3	HDD
233	Rasulpur Road	34.816	160	3	HDD
234	Dhaka - Chattogram Highway	58.484	315	60	HDD
235	Dhaka - Chattogram Highway	33.452	160	60	HDD
236	Dhaka - Chattogram Highway	44.584	160	60	HDD
237	Mojlish Kha Road	71.948	110	3	OC
238	Dhaka - Mawa Highway	87.904	250	60	HDD
239	Dhaka - Mawa Highway	92.874	250	60	HDD
240	Khalpar Road	72.021	200	5	HDD
241	Kutubkhali Madsrasa Road Lane 3	22.907	160	3.5	HDD
242	Dhaka - Chattogram Highway	70.042	160	60	HDD
243	Wapda Colony Road	49.335	110	6	HDD
244	Wapda Colony Road	39.802	110	6	HDD
245	Dhonia Post Office Road	82.602	200	3.5	HDD
246	Rasulpur Road	76.702	160	3.5	HDD
247	Bornomala School Road _{Tá}	35.229	200	12	HDD
248	Bornomala School Road _{Tá}	44.919	200	12	HDD

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
249	Rasulpur Road Lane 4	33.058	110	2.5	OC
250	Khalpar Road	76.483	200	5	HDD
251	Dhaka - Chattogram Highway	75.832	315	60	HDD
252	Pubali Goli	79.180	110	2	OC
253	Jatrabari Madrasha Road	49.375	200	7	HDD
254	Jatrabari Madrasha Road	39.526	200	7	HDD
255	Mosjid Goli	59.958	110	2.5	OC
256	Madrasa Goli 1	80.285	110	1.5	OC
257	Hatbazar Road	25.374	200	2.5	HDD
258	Hatbazar Road	57.110	200	2.5	HDD
259	Jatrabari Madrasha Road	69.724	160	7	HDD
260	Khalilur Rahman Road	64.292	200	7	HDD
261	Khalilur Rahman Road	82.652	200	7	HDD
262	Jatrabari Madrasha Road	90.015	160	7	HDD
263	Jatrabari Madrasha Road	91.725	200	7	HDD
264	Rasulpur Road	86.891	160	3.5	HDD
265	Dhonia Bazar Road	46.344	110	1.5	OC
266	Dhonia Bazar Road	61.517	110	1.5	OC
267	Kutubkhali Madsrasa Road Lane 3	35.153	160	3.5	HDD
268	Rasulpur Road	91.101	110	1	OC
269	Adarsa Balika School Road	87.363	250	6	HDD
270	Khalpar Road	90.264	200	5	HDD
271	Rasulpur Road Lane 16	118.089	110	3	OC
272	Rasulpur Road Lane 13	94.522	110	1.5	OC
273	Dhaka - Mawa Highway	94.083	160	60	HDD
274	South Kutubkhali Road	14.398	110	2	OC
275	Dhaka - Chattogram Highway	84.004	250	60	HDD
276	Adarsa Balika School Road Lane 2	96.327	110	3	OC
277	Dhaka - Chattogram Highway	100.477	315	60	HDD
278	Hawa Goli 1	69.185	110	3	OC
279	Dhaka - Chattogram Highway	99.996	250	60	HDD
280	Dhaka - Chattogram Highway	96.074	250	60	HDD
281	Mosjid Goli	99.842	110	2.5	OC
282	Jamia Nagar Road	163.677	110	1.2	OC
283	Dhaka - Mawa Highway	64.538	250	60	HDD
284	Jatrabari Madrasha Road	105.475	200	7	HDD
285	AK School Road Lane 2	60.489	160	2.5	OC
286	AK School Road Lane 2	55.407	160	2.5	OC
287	Jatrabari Madrasha Road	115.045	160	7	HDD

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
288	Madrasa Goli 1	115.181	110	1.5	OC
289	Dhaka - Chattogram Highway	123.333	200	60	HDD
290	Dhonia Post Office Road	98.009	200	3.5	HDD
291	Dhaka - Chattogram Highway	17.786	315	60	HDD
292	Dhonia Post Office Road	32.785	200	3.5	HDD
293	Dhonia Post Office Road	22.208	250	3.5	HDD
294	Rasulpur Road	17.209	110	3	HDD
295	Kutubkhali Madsrasa Road Lane 3	28.427	160	3.5	HDD
296	Dhaka - Mawa Highway	73.391	315	60	HDD
297	Adarsa Balika School Road Lane 10	11.292	110	2.5	HDD
298	Adarsa Balika School Road	17.244	200	6	HDD
299	Rasulpur Road Lane 7	4.457	110	3	HDD
300	Shishu Mela Road	18.491	200	2	OC
301	Adarsa Balika School Road Lane 10	17.726	110	2.5	OC
302	Said Uddin Road	27.484	110	1.5	OC
303	Kutubkhali Madsrasa Road Lane 7	18.109	110	1	OC
304	Adarsa Balika School Road Lane 3	23.705	200	2.5	OC
305	Pashchim Rasulpur Road	39.503	160	3	OC
306	Kutubkhali Madsrasa Road Lane 3	5.174	160	3.5	HDD
307	Rasulpur Road Lane 14	16.411	110	3	OC
308	Rasulpur Road Lane 5	18.954	110	2.5	OC
309	Rasulpur Road	55.347	110	2	OC
310	Hatbazar Road	28.692	200	2.5	HDD
311	Rasulpur Road	21.508	160	3	HDD
312	Baitul Aman Jame Masjid Goli 1	21.677	110	2.5	OC
313	South Kutubkhali Road Lane 2	18.338	110	1.8	OC
314	Khalilur Rahman Road Lane 1	21.971	200	2.5	HDD
315	Baitul Aman Jame Masjid Goli 1	23.281	110	2.5	OC
316	AK School Road	44.656	200	7	HDD
317	Baitul Aman Jame Masjid Goli 1	21.504	110	2.5	OC
318	Rasulpur Road Lane 1	25.752	110	1.4	OC
319	Shishu Mela Road	23.040	200	2	OC
320	South Kutubkhali Road	23.781	110	1.2	OC
321	South Kutubkhali Road	24.098	110	2	OC
322	Baitul Aman Jame Masjid Goli 2	23.747	110	2	OC
323	Wapda Colony Road Lane 2	24.377	110	2	OC
324	Jatrabari Madrasha Road	23.774	200	7	HDD
325	Rasulpur Road Lane 6	23.573	110	2	OC
326	Rasulpur Road Lane 5	31.426	160	2.5	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
327	Rasulpur Road	42.342	110	3.5	HDD
328	Baitul Aman Jame Masjid Goli 1	23.982	110	2.5	OC
329	Khalilur Rahman Road Lane 2	25.923	110	2	HDD
330	Jatrabari Madrasha Road	23.201	200	7	HDD
331	Rasulpur Road	47.623	160	3	HDD
332	Rasulpur Road Lane 6	25.427	110	2	OC
333	Khalpar Road	39.337	200	5	HDD
334	South Kutubkhali Road	24.871	110	2	OC
335	AK School Road Lane 1	86.566	110	1.8	OC
336	Dhaka - Chattogram Highway	58.810	75	60	HDD
337	Dhaka - Chattogram Highway	44.272	75		OC
338	Dhaka - Mawa Highway	32.544	75	60	HDD
339	Dhaka - Mawa Highway	50.974	75		HDD
340	Dhaka - Mawa Highway	31.186	75		HDD
341	Dhaka-Mawa Highway Connecting Road 1	30.212	75	2.5	OC
342	Dhaka - Mawa Highway	27.811	75	60	HDD
343	Dhaka-Mawa Highway Connecting Road 2	45.901	75	1.2	OC
344	Dhaka-Mawa Highway Connecting Road 2	20.486	75	1.2	OC
345	Jatrabari Madrasha Road Lane 1	86.390	75	1.3	OC
346	Jatrabari Madrasha Road Lane 1	32.986	75	1.3	OC
347	Jatrabari Madrasha Road Lane 3	45.714	75	1.3	OC
348	Jatrabari Madrasha Road Lane 2	53.014	75	1.6	OC
349	Merar Goli	57.323	75	1.5	OC
350	Shukhir Goli	57.944	75	1	OC
351	Lal Miar Goli	56.011	75	1.5	OC
352	Jatrabari Madrasha Road Lane 4	23.817	75	2	OC
353	Jatrabari Madrasha Road Lane 6	22.403	75	1.5	OC
354	Jatrabari Madrasha Road Lane 7	26.403	75	1	OC
355	Jatrabari Madrasha Road Lane 8	23.398	75	1	OC
356	Jatrabari Madrasha Road Lane 9	33.260	75	1	OC
357	Jatrabari Madrasha Road Lane 10	25.858	75	1	OC
358	Jatrabari Madrasha Road Lane 10	24.105	75	1	OC
359	Jatrabari Wapda Colony Road	57.670	75	3	HDD
360	Jatrabari Wapda Colony Road	33.797	75	4	OC
361	Dhaka-Chattogram Highway Connecting Road 2	51.667	75	1.8	OC
362	Dhaka-Chattogram Highway Connecting Road 3	38.754	75	3.5	OC
363	Kutubkhali Madsrasa Road Lane 1	51.050	75	1.5	OC
364	Kutubkhali Madsrasa Road Lane 1	17.723	75	1.5	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
365	Kutubkhali Madsrasa Road Lane 4	19.806	75	1.8	OC
366	Said Uddin Road	37.492	75	1.5	OC
367	South Kutubkhali Road	20.880	75	2	OC
368	Hatbazar Road Lane 1	27.099	75	2.5	OC
369	Hatbazar Road Lane 2	57.311	75	2.5	OC
370	Baitul Aman Jame Masjid Goli 3	25.795	75	1.5	OC
371	Baitul Aman Jame Masjid Goli 2	31.707	75	2	OC
372	Mojlish Kha Road Lane 3	24.102	75	1	OC
373	Mojlish Kha Road Lane 2	48.655	75	1.5	OC
374	Mojlish Kha Road Lane 2	17.513	75	1.5	OC
375	Pashchim Rasulpur Road Lane 2	36.145	75	1.5	OC
376	Pashchim Rasulpur Road Lane 1	38.117	75	1.5	OC
377	Pashchim Rasulpur Road Lane 2	12.438	75	1.5	OC
378	Pashchim Rasulpur Road Lane 5	68.648	75	2.5	OC
379	Pashchim Rasulpur Road Lane 4	25.512	75	3	OC
380	Kobiraj Bari Road	62.742	75	2	OC
381	Kobiraj Bari Road Lane 3	23.976	75	2.5	OC
382	Kobiraj Bari Road Lane 4	25.940	75	2.5	OC
383	Kobiraj Bari Road Lane 2	12.687	75	1.5	OC
384	Kobiraj Bari Road Lane 1	64.442	75	2	OC
385	Madrassa Goli 2	106.064	75	1.5	OC
386	Madrassa Goli 3	30.609	75	3	OC
387	Dhaka-Chattogram Highway Connecting Road 4	22.325	75	1.5	OC
388	Hawa Goli 5	18.371	75	2	OC
389	Hawa Goli 4	43.225	75	3	OC
390	Dhonia Post Office Road Lane 4	58.804	75	3	OC
391	Hawa Goli 2	51.116	75	2.5	OC
392	Hawa Goli 3	62.461	75	1.5	OC
393	Dhonia Post Office Road Lane 2	38.044	75	2	OC
394	Dhonia Post Office Road Lane 3	30.856	75	1.2	OC
395	Dhonia Post Office Road Lane 1	51.895	75	2.5	OC
396	Adarsa Balika School Road Lane 13	36.196	75	1.5	OC
397	Adarsa Balika School Road Lane 12	36.950	75	1.5	OC
398	Baitul Fatah Masjid Road Lane1	19.494	75	1	OC
399	Adarsa Balika School Road Lane 11	38.419	75	1	OC
400	Adarsa Balika School Road Lane 9	49.852	75	1.5	OC
401	Adarsa Balika School Road Lane 4	56.464	75	2.8	OC
402	Dhonia Daspara Road Lane 2	34.397	75	2	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
403	Rosulpur Kajla Goli	34.343	75	3	OC
404	Adarsa Balika School Road Lane 8	28.509	75	2	OC
405	Adarsa Balika School Road Lane 9	18.854	75	1.5	OC
406	Adarsa Balika School Road Lane 14	41.581	75	2	OC
407	Adarsa Balika School Road Lane 5	32.939	75	1.5	OC
408	Adarsa Balika School Road Lane 15	28.224	75	2	OC
409	AK School Road Lane 4	60.800	75	2	OC
410	AK School Road Lane 3	31.287	75	2	OC
411	AK School Road Lane 1	14.129	75	1.8	OC
412	AK School Road Lane 1	11.454	75	1.8	OC
413	AK School Road Lane 1	11.337	75	1.8	OC
414	Rasulpur Road Lane 23	28.232	75	2.5	OC
415	Rasulpur Road Lane 21	43.411	75	1.2	OC
416	Rasulpur Road Lane 19	40.169	75	1	OC
417	Rasulpur Road Lane 17	33.041	75	1.5	OC
418	Rasulpur Road Lane 20	54.760	75	2	OC
419	Rasulpur Road Lane 3	33.733	75	1	OC
420	Rasulpur Road Lane 3	14.228	75	1	OC
421	Rasulpur Road Lane 30	26.887	75	2	OC
422	Rasulpur Road Lane 27	34.251	75	1.8	OC
423	Rasulpur Road Lane 29	21.853	75	2	OC
424	Pashchim Rasulpur Road Lane 3	17.538	75	1	OC
425	South Kutubkhali Road Lane 5	29.460	75	.5	OC
426	Kutubkhali Madsrasa Road Lane 8	22.967	75	2	OC
427	Kutubkhali Madsrasa Road Lane 6	26.889	75	1	OC
428	Rasulpur Road Lane 8	32.307	75	1.5	OC
429	Rasulpur Road Lane 9	15.919	75	1	OC
430	Adarsa Balika School Road Lane 16	24.745	75	1	OC
431	Goalbari Mor Lane 1	26.927	75	1	OC
432	AK School Road Lane 5	27.164	75	1.5	OC
433	Rasulpur Road Lane 22	28.643	75	1	OC
434	Rasulpur Road Lane 26	28.950	75	2	OC
435	Mojlish Kha Road Lane 6	21.621	75	1.2	OC
436	South Kutubkhali Road Lane 3	23.257	75	2	OC
437	South Kutubkhali Road Lane 6	14.184	75	2	OC
438	Jatrabari Madrasha Road Lane 5	44.293	75	1.5	OC
439	Wapda Colony Road Lane 3	67.810	75	3	OC
440	Wapda Colony Road Lane 3	20.818	75	3	OC
441	Dhaka-Chattoqram Highway Connecting	40.091	75	2.5	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
	Road 1				
442	Pubali Goli	22.814	75	1.8	OC
443	Wapda Colony Road Lane 1	18.018	75	2	OC
444	Wapda Colony Road Lane 1	19.043	75	2	OC
445	Wapda Colony Road Lane 1	80.981	75		HDD
446	Dhaka - Mawa Highway	147.325	75	60	HDD
447	Dhaka - Mawa Highway	71.902	75		HDD
448	Dhaka - Mawa Highway	49.974	75		HDD
449	Khalilur Rahman Road	33.286	75	7	HDD
450	Khalilur Rahman Road	80.545	75		HDD
451	Khalilur Rahman Road	67.933	75		HDD
452	Adarsa Balika School Road	48.652	75	6	HDD
453	Adarsa Balika School Road	55.807	75	6	HDD
454	PDB Colony Road	176.083	75	4	HDD
455	PDB Colony Road	138.649	75	4	HDD
456	Jatrabari Wapda Colony Road	67.785	75	3	HDD
457	Pashchim Rasulpur Road	71.118	160	3	OC
458	Pashchim Rasulpur Road	39.503	160	3	OC
459	Rasulpur Road	41.518	160	3.5	HDD
460	Mojlish Kha Road	57.603	110	3	OC
461	Mojlish Kha Road	71.948	110	3	OC
462	Jatrabari Madrasha Road	91.725	200	7	HDD
463	Jatrabari Madrasha Road	56.017	200	7	HDD
464	Rasulpur Road	69.627	160	3.5	HDD
465	Misti Goli	68.528	110	2.5	OC
466	Rasulpur Road	47.623	160	3	HDD
467	Rasulpur Road	69.627	160	3.5	HDD

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Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
1	Dhonia Primary School Connecting Road	144.39	110	2.00	OC
2	Uttar Muradpur Lal Mia Road	243.41	110	3.00	OC
3	Dhonia Bazar Road Lane 3	69.49	110	2.00	OC
4	Hazi Lal Mia Sarkar Road	354.73	110	3.50	HDD
5	Uttar Muradpur Lal Mia Lane 1	29.23	110	2.04	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
6	Sarai Jame Masjid Road	94.12	110	3.00	OC
7	Khalilur Rahman Road	177.17	110	3.00	OC
8	Hazi Lal Mia Sarkar Lane 5	222.80	110	4.00	HDD
9	Dhonia Bazar Road	315.73	110	5.00	HDD
10	Hazi Lal Mia Sarkar Road	307.05	110	4.00	HDD
11	Dakhsin Dhonia Lane 6/3	124.05	110	1.50	OC
12	Khalilur Rahman Road	177.17	110	3.00	OC
13	Hazi Lal Mia Sarkar Road	307.05	110	4.00	OC
14	Hazi Lal Mia Sarkar Lane 12	115.06	110	2.00	OC
15	Khalilur Rahman Road	122.12	110	2.50	OC
16	Moddhopara Jame Masjid Road Lane 1	87.34	110	3.00	OC
17	Anand Bazar Goli 1/1	23.08	110	1.50	OC
18	Diptir Lane 8	97.38	110	2.00	OC
19	North Muradpur Road	161.99	110	2.50	OC
20	Dhonia - Dholairpar Road Lane 5	163.57	110	2.50	OC
21	Khalilur Rahman Road	62.01	110	3.00	OC
22	Muradpur Madrasa Road	60.82	110	5.20	OC
23	Kudrat Ali Road	53.67	110	2.50	OC
24	Muradpur Madrasa Road	60.82	110	5.20	OC
25	Dhonia Primary School Connecting Road	144.39	110	2.00	OC
26	Uttar Muradpur Lal Mia Lane 1	29.23	110	2.04	OC
27	Hazi Lal Mia Sarkar Road	354.73	110	3.50	HDD
28	Hazi Lal Mia Sarkar Road	354.73	110	3.50	HDD
29	Diptir Goli	318.83	110	3.00	OC
30	Sarai Jame Masjid Road Lane 3	29.97	110	3.00	OC
31	Moddhopara Jame Masjid Road	110.86	110	2.50	OC
32	East Dholairpar Lane 4	173.57	110	2.00	OC
33	Muradpur Madrasa Lane 2/1	34.76	110	3.40	OC
34	Hazi Lal Mia Sarkar Lane 11	126.95	110	2.50	OC
35	East Dholairpar Lane 2	100.66	110	3.00	OC
36	Hazi Lal Mia Sarkar Lane 5	222.80	110	4.00	HDD
37	Hazi Lal Mia Sarkar Road	354.73	110	3.50	HDD
38	Diptir Goli	318.83	110	3.00	OC
39	Hazi Lal Mia Sarkar Road	307.05	110	4.00	HDD
40	Hazi Lal Mia Sarkar Road	354.73	110	3.50	HDD
41	Hazi Lal Mia Sarkar Lane 12	115.06	110	2.00	OC
42	North Muradpur Road	161.99	110	2.50	OC
43	Moddhopara Jame Masjid Road	110.86	110	2.50	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
44	Ideal Road	36.13	110	2.00	OC
45	Diptir Goli	318.83	110	3.00	OC
46	Hazi Lal Mia Sarkar Road	307.05	110	4.00	HDD
47	Puraton Dhonia Boro Bari Road	175.29	110	2.00	OC
48	Diptir Lane 8	97.38	110	2.00	OC
49	Hazi Lal Mia Sarkar Road	354.73	110	3.50	HDD
50	Nurbag Jame Masjid Road	109.44	110	1.50	OC
51	Diptir Lane 8	97.38	110	2.00	OC
52	Hazi Lal Mia Sarkar Lane 5	222.80	110	4.00	HDD
53	Dhonia - Dholairpar Road Lane 5	163.57	110	2.50	OC
54	Dhonia Beltola Road	193.42	110	3.00	OC
55	Khalilur Rahman Road	177.17	110	3.00	OC
56	Ideal Road	109.16	110	2.00	OC
57	Dhonia Bazar Road Lane 3	69.49	110	2.00	OC
58	Dhonia - Dholairpar Road Lane 4	93.05	110	3.00	OC
59	Khalilur Rahman Road	177.17	110	3.00	OC
60		0.00	110	0.00	OC
61	Khalilur Rahman Road	177.17	110	3.00	OC
62	Dakhsin Dhonia Lane 6/3	124.05	110	1.50	OC
63	East Dholairpar Lane 4	173.57	110	2.00	OC
64	East Dholairpar Lane 2	100.66	110	3.00	OC
65	Diptir Goli	318.83	110	3.00	OC
66	Ansar Ali Road	46.41	110	2.00	OC
67	Hazi Nasir Uddin Lane 3	127.97	110	2.50	OC
68	Moddhopara Jame Masjid Road	110.86	110	2.50	OC
69	Dakhsin Dhonia Lane 6/3	124.05	110	1.50	OC
70	Dhonia - Dholairpar Road Lane 4	93.05	110	3.00	OC
71	Khalilur Rahman Road	62.01	110	3.00	OC
72	Jalalabad Market Road 1	167.31	110	4.00	HDD
73	Diptir Lane 4	47.76	110	2.50	OC
74	Anand Bazar Goli 1/2	46.75	110	1.50	OC
75	East Dholairpar Lane 4/1	46.38	110	2.24	OC
76	Hazi Lal Mia Sarkar Lane 5/3	55.51	110	1.50	OC
77	Moddhopara Jame Masjid Road Lane 1	87.34	110	3.00	OC
78		0.00	110	0.00	OC
79	Uttar Muradpur Lal Mia Road	243.41	110	3.00	OC
80	Hazi Lal Mia Sarkar Lane 13	119.17	110	3.50	HDD
81	Puraton Dhonia Boro Bari Road	175.29	110	2.00	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
82	Sarai Jame Masjid Road	107.96	110	1.50	OC
83	Hazi Lal Mia Sarkar Lane 11	126.95	110	2.50	OC
84	Dhonia Primary School Connecting Road	144.39	110	2.00	OC
85	Hazi Lal Mia Sarkar Lane 3	133.93	110	2.80	OC
86	Sarai Jame Masjid Road	107.96	110	1.50	OC
87	Kodir Sardar Road	59.16	110	2.00	OC
88	Hazi Lal Mia Sarkar Lane 12	115.06	110	2.00	OC
89	Dhonia Primary School Connecting Road	144.39	110	2.00	OC
90	Uttar Muradpur Lal Mia Road	243.41	110	3.00	OC
91	Hazi Nasir Uddin Lane 3	127.97	110	2.50	OC
92	Hazi Lal Mia Sarkar Lane 13	119.17	110	3.50	HDD
93	Puraton Dhonia Boro Bari Road	175.29	110	2.00	OC
94	Dhonia Mazar Road Goli	143.85	110	1.50	OC
95	Hazi Lal Mia Sarkar Road	354.73	110	3.50	HDD
96	Muradpur Madrasa Lane 2	89.46	110	2.00	OC
97	Dhonia - Dholairpar Road Lane 5	163.57	110	2.50	OC
98	Sarai Police Camp Road Lane 12	71.18	110	1.70	OC
99	East Dholairpar Lane 4	173.57	110	2.00	OC
100	East Dholairpar Lane 2/3	97.35	110	3.00	OC
101	Nurbag Jame Masjid Road	109.44	110	1.50	OC
102	Hazi Lal Mia Sarkar Road	354.73	110	3.50	HDD
103	East Dholairpar Lane 1	153.71	110	2.00	OC
104	East Dholairpar Lane 5	145.48	110	3.00	OC
105	East Dholairpar Lane 5	145.48	110	3.00	OC
106	North Muradpur Lane 4	101.83	110	2.00	OC
107	Dhonia Borobari A.K School Lane	100.48	110	2.00	OC
108	Dhonia Borobari A.K School Lane	100.48	110	2.00	OC
109	Dhonia - Dholairpar Road Lane 10	49.12	110	2.00	OC
110	Dhonia - Dholairpar Road Lane 9	99.80	110	2.00	OC
111	Diptir Lane 3	54.65	110	2.00	OC
112	Masjid Goli	105.44	110	3.00	OC
113	Bikrampur City Lane	181.54	110	3.00	OC
114	Adarsha Nagar Road 1	80.53	110	2.00	OC
115	Dakhsin Dhonia Lane 5	148.71	110	2.00	OC
116	Dakhsin Dhonia Lane 5	148.71	110	2.00	OC
117	Dakhsin Dhonia Lane 6/4	184.40	110	2.00	OC
118	Dakhsin Dhonia Lane 6/4	184.40	110	2.00	OC
119	Muradpur Madrasa Lane 1	123.05	110	2.00	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
120	Muradpur Madrasa Lane 1	123.05	110	2.00	OC
121	East Dholairpar Lane 4/2	38.52	110	3.00	OC
122	East Dholairpar Lane 4	173.57	110	2.00	OC
123	Nurbag Jame Masjid Lane 1	110.77	110	2.50	OC
124	Nurbag Jame Masjid Lane 2	64.57	110	2.00	OC
125	Bikrampur City Lane	181.54	110	3.00	OC
126	Janata Market Road	185.71	110	3.00	OC
127	Janata Market Road	185.71	110	3.00	OC
128	East Dholairpar Lane 3	236.03	110	2.00	OC
129	Dhonia Bazar Road	315.73	110	5.00	HDD
130	Dhonia Bazar Road	315.73	110	5.00	HDD
131	Khalilur Rahman Road	122.12	110	2.50	OC
132	Dakhsin Dhonia Lane 6/4	184.40	110	2.00	OC
133	Hazi Lal Mia Sarkar Road	523.91	160	4.00	HDD
134	Hazi Lal Mia Sarkar Road	307.05	160	4.00	HDD
135	Hazi Lal Mia Sarkar Road	523.91	160	4.00	HDD
136	Hazi Lal Mia Sarkar Road	307.05	160	4.00	HDD
137	Hazi Nasir Uddin Road	158.63	160	6.60	OC
138	Dhonia Beltola Road	193.42	160	3.00	OC
139	Anand Bazar Goli 1	113.54	160	3.00	OC
140	Dakhsin Dhonia Lane 6	135.10	160	3.00	OC
141	Sorai Jame Masjid Road	331.46	160	6.00	HDD
142	Nurbag Jame Masjid Road	167.40	160	2.50	OC
143	Muradpur Madrasa Road	389.63	160	6.00	HDD
144	Dakhsin Dhonia Lane 6	135.10	160	3.00	OC
145	Hazi Nasir Uddin Road	410.20	160	3.60	HDD
146	Dakhsin Dhonia Lane 6	135.10	160	3.00	OC
147	Dakhsin Dhonia Lane 6	135.10	160	3.00	OC
148	Dhonia Bazar Road	315.73	160	5.00	HDD
149	Dhonia Bazar Road	315.73	160	5.00	HDD
150	Dakhsin Dhonia Lane 6	135.10	160	3.00	OC
151	Dakhsin Dhonia Lane 6	135.10	160	3.00	OC
152	Hazi Nasir Uddin Road	410.20	160	3.60	HDD
153	Khalilur Rahman Road	259.15	160	2.50	OC
154	Sorai Jame Masjid Road	331.46	160	6.00	HDD
155	Dhonia Beltola Road	193.42	160	3.00	OC
156	Muradpur Madrasa Road	389.63	160	6.00	HDD
157	Hazi Nasir Uddin Road	410.20	160	3.60	HDD

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
158	Hindupara Lal Mia Sarkar Road	121.26	160	1.50	OC
159	Hazi Nasir Uddin Road	410.20	160	3.60	HDD
160	Sorai Jame Masjid Road	331.46	160	6.00	HDD
161	Dakhsin Dhonia Lane 6	135.10	160	3.00	OC
162	Nurbag Jame Masjid Road	167.40	160	2.50	OC
163	Hazi Nasir Uddin Road	410.20	160	3.60	HDD
164	Sikandar Lane	99.77	160	2.00	OC
165	Dakhsin Dhonia Road	612.83	160	8.00	HDD
166	Nurbag Jame Masjid Road	167.40	160	2.50	OC
167	Dhonia Bazar Road Lane 4	109.16	160	2.00	OC
168	Muradpur Madrasa Road	389.63	160	6.00	HDD
169	Muradpur Madrasa Road	389.63	160	6.00	HDD
170	Khalilur Rahman Road	259.15	160	2.50	OC
171	Anand Bazar Goli 1	113.54	160	3.00	OC
172	Muradpur Madrasa Road	389.63	160	6.00	HDD
173	Sorai Jame Masjid Road	331.46	160	6.00	HDD
174	Sorai Jame Masjid Road	331.46	160	6.00	HDD
175	Muradpur Madrasa Road	389.63	160	6.00	HDD
176	Hazi Nasir Uddin Road	410.20	160	3.60	HDD
177	Uttar Muradpur Lal Mia Road	243.41	160	3.00	OC
178	Hindupara Lal Mia Sarkar Road	121.26	160	1.50	OC
179	Dhonia Beltola Road	193.42	160	3.00	OC
180	Nurbag Jame Masjid Road	167.40	160	2.50	OC
181	Uttar Muradpur Lal Mia Road	243.41	160	3.00	OC
182	Hazi Lal Mia Sarkar Road	523.91	160	4.00	HDD
183	Anand Bazar Goli 1	113.54	160	3.00	OC
184	Hazi Nasir Uddin Road	410.20	160	3.60	HDD
185	Dakhsin Dhonia Road	612.83	160	8.00	HDD
186	Dhonia Bazar Road	315.73	160	5.00	HDD
187	Hazi Nasir Uddin Road	410.20	160	3.60	HDD
188	Sikandar Lane	99.77	160	2.00	OC
189	Hazi Nasir Uddin Road	410.20	160	3.60	HDD
190	Muradpur Madrasa Road	389.63	160	6.00	HDD
191	Dhonia Bazar Road Lane 4	109.16	160	2.00	OC
192	Nurbag Jame Masjid Road	167.40	160	2.50	OC
193	Sorai Jame Masjid Road	331.46	160	6.00	HDD
194	Dhonia Bazar Road	315.73	160	5.00	HDD
195	Muradpur Madrasa Road	389.63	160	6.00	HDD

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
196	Sorai Jame Masjid Road	331.46	160	6.00	HDD
197	Sarai Police Camp Road	342.57	160	4.00	HDD
198	Hazi Nasir Uddin Lane 2	94.64	160	2.00	OC
199	Nurbag Jame Masjid Road	167.40	160	2.50	OC
200	Sarai Jame Masjid Road	53.03	160	3.50	OC
201	Sarai Jame Masjid Road	94.12	160	3.00	OC
202	Sarai Jame Masjid Road	94.12	160	3.00	OC
203	Nurbag Jame Masjid Road	167.40	160	2.50	OC
204	Nurbag Jame Masjid Road	167.40	160	2.50	OC
205	East Dholairpar Lane 1	153.71	200	2.00	OC
206	East Dholairpar Lane 2	100.66	200	3.00	OC
207	East Dholairpar Lane 2/2	55.36	200	3.00	OC
208	Diptir Goli	318.83	200	3.00	OC
209	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
210	Hazi Lal Mia Sarkar Road	523.91	200	4.00	HDD
211	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
212	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
213	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
214	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
215	Hazi Lal Mia Sarkar Lane 5	222.80	200	4.00	HDD
216	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
217	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
218	Diptir Goli	318.83	200	3.00	OC
219	Hazi Lal Mia Sarkar Road	523.91	200	4.00	HDD
220	Hazi Lal Mia Sarkar Road	523.91	200	4.00	HDD
221	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
222	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
223	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
224	Diptir Goli	318.83	200	3.00	OC
225	East Dholairpar Lane 2/2	55.36	200	3.00	OC
226	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
227	Dhaka - Mawa Highway	563.11	200	60.00	HDD
228	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
229	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
230	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
231	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
232	Hazi Lal Mia Sarkar Road	523.91	200	4.00	HDD
233	Hazi Lal Mia Sarkar Road	523.91	200	4.00	HDD

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
234	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
235	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
236	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
237	Hazi Lal Mia Sarkar Road	523.91	200	4.00	HDD
238	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
239	East Dholairpar Lane 3/2	41.39	200	3.00	OC
240	Hazi Lal Mia Sarkar Road	523.91	200	4.00	HDD
241	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
242	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
243	Diptir Goli	318.83	200	3.00	OC
244	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
245	Dhaka - Mawa Highway	563.11	200	60.00	HDD
246	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
247	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
248	Hazi Lal Mia Sarkar Lane 5	222.80	200	4.00	HDD
249	East Dholairpar Lane 3	236.03	200	2.00	OC
250	East Dholairpar Lane 1	153.71	200	2.00	OC
251	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
252	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
253	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
254	Dhonia - Dholairpar Road	1278.94	200	8.00	HDD
255	Hazi Nasir Uddin Lane 1	123.11	200	2.30	HDD
256	Hazi Nasir Uddin Lane 1	123.11	200	2.30	HDD
257	Dhaka - Mawa Highway	563.11	250	60.00	HDD
258	Dhaka - Mawa Highway	563.11	250	60.00	HDD
259	Dhaka - Mawa Highway	563.11	250	60.00	HDD
260	Sarai Police Camp Road	342.57	250	4.00	HDD
261	Sarai Police Camp Road	342.57	250	4.00	HDD
262	Hazi Nasir Uddin Road	158.63	250	6.60	HDD
263	Sarai Police Camp Road	342.57	250	4.00	HDD
264	Sarai Police Camp Road	342.57	250	4.00	HDD
265	Sarai Police Camp Road	342.57	250	4.00	HDD
266	Hazi Nasir Uddin Road	158.63	250	6.60	HDD
267	Sarai Police Camp Road	342.57	250	4.00	HDD
268	Sarai Police Camp Road	342.57	250	4.00	OC
269	Dakhsin Dhonia Road	612.83	315	8.00	OC
270	Dakhsin Dhonia Road	612.83	315	8.00	HDD
271	Dakhsin Dhonia Road	612.83	315	8.00	HDD

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
272	Dakhsin Dhonia Road	612.83	315	8.00	HDD
273	Dakhsin Dhonia Road	612.83	315	8.00	HDD
274	Dakhsin Dhonia Road	612.83	315	8.00	HDD
275	Dhaka - Mawa Highway	563.11	315	60.00	HDD
276	Dakhsin Dhonia Road	612.83	315	8.00	HDD
277	Dhaka - Mawa Highway	563.11	315	60.00	HDD
278	Dakhsin Dhonia Road	612.83	315	8.00	HDD
279	Dhaka - Mawa Highway	563.11	315	60.00	HDD
280	Dhaka - Mawa Highway	563.11	315	60.00	HDD
281	Dhonia - Dholairpar Road	1278.94	315	8.00	OC
282	Dakhsin Dhonia Road	612.83	315	8.00	HDD
283	Dakhsin Dhonia Road	612.83	315	8.00	HDD
284	Sarai Police Camp Road Lane 7	84.13	315	3.00	OC
285	Opposite Lane of Mohammadia Jame Masjid	58.04	75	1.50	OC
286	Dhonia Beltola Lane	26.74	75	2.00	OC
287	Dhonia - Dholairpar Road Lane 8	25.00	75	1.00	OC
288	Dhonia - Dholairpar Road Lane 7	25.06	75	1.50	OC
289	Dhonia - Dholairpar Road Lane 6	29.57	75	1.50	OC
290	Arman Goli	43.94	75	1.50	OC
291	Dhonia Beltola Road	193.42	75	3.00	OC
292	Dhonia Mazar Road Goli	143.85	75	1.50	OC
293	Dakhsin Dhonia Lane 6/1	39.47	75	1.19	OC
294	Dhonia - Dholairpar Road Lane 5	163.57	75	2.50	OC
295	Dhonia Bazar Road Lane 1	16.08	75	2.50	OC
296	Dhonia Bazar Road Lane 2	30.45	75	1.00	OC
297	Dhonia Bazar Road Lane 3	69.49	75	2.00	OC
298	Dhonia - Dholairpar Road Lane 5/1	19.05	75	1.00	OC
299	Dakhsin Dhonia Lane 4	18.31	75	1.50	OC
300	Dakhsin Dhonia Lane 3	92.04	75	2.50	OC
301	Hazi Nasir Uddin Lane 10	36.27	75	2.00	OC
302	Puraton Dhonia Boro Bari Lane 1	41.28	75	1.50	OC
303	Puraton Dhonia Boro Bari Lane 2	40.83	75	2.00	OC
304	Moddhopara Jame Masjid Road Lane 2	53.47	75	1.80	OC
305	Moddhopara Jame Masjid Road Lane 2/2	20.86	75	1.00	OC
306	Moddhopara Jame Masjid Road Lane 3	39.15	75	1.60	OC
307	Dhonia Primary School Connecting Road Lane 1	21.98	75	1.50	OC
308	Dhonia - Dholairpar Road Lane 3	39.96	75	1.20	OC
309	Hazi Nasir Uddin Lane 5	15.36	75	1.20	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
310	Hazi Nasir Uddin Lane 6	17.71	75	1.00	OC
311	Hazi Nasir Uddin Lane 7	60.33	75	1.50	OC
312	Hazi Nasir Uddin Lane 9	46.33	75	2.00	OC
313	Hazi Nasir Uddin Lane 8	50.09	75	1.20	OC
314	Hazi Nasir Uddin Lane 4	48.65	75	2.00	OC
315	Hazi Nasir Uddin Lane 1/1	32.56	75	1.30	OC
316	Sarai Police Camp Road Lane 4	44.25	75	1.50	OC
317	Sarai Police Camp Road Lane 1	36.16	75	1.50	OC
318	Sarai Police Camp Road Lane 2	33.57	75	3.00	OC
319	Sarai Police Camp Road Lane 3	23.34	75	2.00	OC
320	Sarai Police Camp Road Lane 6	17.48	75	1.50	OC
321	Sarai Police Camp Road Lane 8	32.40	75	1.50	OC
322	Sarai Police Camp Road Lane 9	68.42	75	3.00	OC
323	Sarai Police Camp Road Lane 10	90.87	75	3.00	OC
324	Sarai Police Camp Road Lane 11	35.09	75	1.00	OC
325	Sarai Jame Masjid Road Lane 4	42.84	75	1.20	OC
326	Sarai Jame Masjid Road Lane 5	58.22	75	3.00	OC
327	Hazi Lal Mia Sarkar Lane 15	35.40	75	1.30	OC
328	Sarai Jame Masjid Road Lane 6	13.12	75	1.00	OC
329	Hindupara Lane 2	27.40	75	1.50	OC
330	Hindupara Lane 1	70.85	75	1.50	OC
331	Hindupara Lane 3	38.03	75	1.50	OC
332	Hazi Lal Mia Sarkar Lane 14	29.41	75	1.50	OC
333	Sarai Jame Masjid Road Lane 7	13.23	75	1.00	OC
334	Hazi Lal Mia Sarkar Lane 11/1	55.72	75	1.50	OC
335	Hazi Lal Mia Sarkar Lane 10	16.42	75	2.27	OC
336	Ideal Road Lane 2	19.24	75	1.60	OC
337	Dakhsin Dhonia Lane 2	48.99	75	2.50	OC
338	Dakhsin Dhonia Lane 1	56.14	75	2.00	OC
339	Ideal Road Lane 1	31.60	75	1.30	OC
340	Muradpur Madrasa Lane 4	72.55	75	1.80	OC
341	Muradpur Madrasa Lane 4	72.55	75	1.80	OC
342	Muradpur Madrasa Lane 5	50.80	75	1.50	OC
343	Muradpur Madrasa Lane 2	89.46	75	2.00	OC
344	Muradpur Madrasa Lane 2/2	32.99	75	1.52	OC
345	Muradpur Madrasa Lane 1/1	18.53	75	2.00	OC
346	Hazi Lal Mia Sarkar Lane 7	55.62	75	2.50	OC
347	Hazi Lal Mia Sarkar Lane 8	30.42	75	1.00	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
348	Hazi Lal Mia Sarkar Lane 9	40.23	75	1.20	OC
349	Ideal Road Lane 3	13.23	75	2.00	OC
350	Kudrat Ali Road Lane 1	27.99	75	2.00	OC
351	Kudrat Ali Road Lane 1/1	12.01	75	2.00	OC
352	Muradpur Madrasa Lane 3/1	22.12	75	1.50	OC
353	Muradpur Madrasa Lane 3	44.59	75	1.80	OC
354	Hazi Lal Mia Sarkar Lane 12/1	27.12	75	1.27	OC
355	Hazi Lal Mia Sarkar Lane 13/1	38.90	75	2.00	OC
356	Hazi Lal Mia Sarkar Lane 13/2	15.95	75	1.00	OC
357	Hazi Lal Mia Sarkar Lane 13/3	21.78	75	2.80	OC
358	Nurbag Jame Masjid Lane 3	25.94	75	1.00	OC
359	Nurbag Jame Masjid Lane 1/1	12.66	75	2.00	OC
360	Diptir Lane 5	76.21	75	2.00	OC
361	Diptir Lane 5	76.21	75	2.00	OC
362	Nurbag Jame Masjid Lane 5	53.93	75	1.80	OC
363	Diptir Lane 9	70.52	75	1.50	OC
364	Diptir Lane 9	70.52	75	1.50	OC
365	Diptir Lane 2	40.12	75	1.50	OC
366	Diptir Lane 1	40.60	75	1.50	OC
367	Nurbag Jame Masjid Lane 4	30.80	75	1.50	OC
368	Dhonia - Dholairpar Road Lane 2	49.34	75	1.50	OC
369	Dhonia - Dholairpar Road Lane 2/2	37.98	75	1.20	OC
370	East Dholairpar Lane 3/1	40.81	75	1.00	OC
371	East Dholairpar Lane 3/3	44.23	75	1.20	OC
372	East Dholairpar Lane 3/3/1	18.68	75	1.00	OC
373	Diptir Lane 6	29.76	75	1.80	OC
374	Khalilur Rahman Road Lane 1	15.13	75	2.00	OC
375	Khalilur Rahman Road Lane 3	21.87	75	3.00	OC
376	Hazi Lal Mia Sarkar Lane 5/5	42.11	75	1.50	OC
377	Hazi Lal Mia Sarkar Lane 5/4	36.99	75	1.20	OC
378	Hazi Lal Mia Sarkar Lane 5/2	22.37	75	2.50	OC
379	Uttar Muradpur Lal Mia Lane 2	39.32	75	1.50	OC
380	Uttar Muradpur Lal Mia Lane 1/1	59.27	75	1.00	OC
381	Sarai Jame Masjid Road Lane 2	85.57	75	1.50	OC
382	Sarai Jame Masjid Road Lane 2	85.57	75	1.50	OC
383	Sarai Jame Masjid Road Lane 1	18.04	75	1.00	OC
384	Hazi Lal Mia Sarkar Lane 6	59.21	75	3.00	OC
385	Hazi Lal Mia Sarkar Lane 5/1	32.75	75	1.00	OC

Sl. No.	Road Name	Length of Proposed work along the road (m)	Dia of Pipe be laid (mm)	Road Width (m)	Open cut/trenchless Pipelaying
386	Khalilur Rahman Road Lane 2	26.16	75	2.00	OC
387	Hazi Lal Mia Sarkar Lane 4	46.80	75	1.20	OC
388	Hazi Lal Mia Sarkar Lane 3/1	60.82	75	2.00	OC
389	Hazi Lal Mia Sarkar Lane 1	41.87	75	4.00	OC
390	Hazi Lal Mia Sarkar Lane 2	93.53	75	2.00	OC
391	Jalalabad Market Road 3	96.03	75	4.00	OC
392	Jalalabad Market Road 2	139.65	75	4.00	OC
393	Jalalabad Market Lane 3	30.71	75	2.50	OC
394	Jalalabad Market Lane 4	16.55	75	1.50	OC
395	East Dholairpar Lane 4/3	24.63	75	1.74	OC
396	East Dholairpar Lane 4/4	15.99	75	2.00	OC
397	East Dholairpar Lane 2/1	32.24	75	1.00	OC
398	Dhonia - Dholairpar Road Lane 1	20.41	75	1.00	OC
399	Dhonia - Dholairpar Road Lane 1/1	9.54	75	1.00	OC
400	Jalalabad Market Road 1	167.31	75	4.00	OC
401	Jalalabad Market Lane 5	18.85	75	2.50	OC
402	Jalalabad Market Road 4	101.01	75	3.00	OC
403	Jalalabad Market Lane 6	43.09	75	2.50	OC
404	Hazi Lal Mia Sarkar Lane 2	93.53	75	2.00	OC
405	Bikrampur City Lane	181.54	75	3.00	OC
406	Bikrampur City Lane	181.54	75	3.00	OC
407	Sarai Police Camp Road	342.57	75	4.00	HDD
408	Sarai Police Camp Road	342.57	75	4.00	HDD
409	Sarai Police Camp Road	342.57	75	4.00	HDD
410	Sarai Police Camp Road	342.57	75	4.00	HDD
411	Sarai Police Camp Road	342.57	75	4.00	HDD
412	Sarai Police Camp Road	342.57	75	4.00	HDD
413	Hazi Nasir Uddin Road	158.63	75	6.60	HDD
414	Dakhsin Dhonia Road	612.83	75	8.00	HDD
415	Dhaka - Mawa Highway	563.11	75	60.00	HDD
416	Dhaka - Mawa Highway	563.11	75	60.00	HDD

APPENDIX 5: GAZETTE ON MINIMUM WAGE IN GARMENTS SECTOR ISSUED BY BANGLADESH GOVERNMENT

রেজিস্টার্ড নং ডি এ-১



অতিরিক্ত সংখ্যা
কর্তৃপক্ষ কর্তৃক প্রকাশিত

বৃহস্পতিবার, জানুয়ারি ২৪, ২০১৯

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
শ্রম ও কর্মসংস্থান মন্ত্রণালয়
মজুরী বোর্ড শাখা
প্রজ্ঞাপন

তারিখ : ১১ মাঘ, ১৪২৫ বঙ্গাব্দ/২৪ জানুয়ারি, ২০১৯ খ্রিস্টাব্দ

এস, আর, ও নম্বর-২৩-আইন/২০১৯।—বাংলাদেশ শ্রম আইন, ২০০৬ (২০০৬ সনের ৪২ নং আইন) এর ধারা ১৪০ এর উপ-ধারা (১), ধারা ১৩৯ এর সহিত পঠিতব্য, এ প্রকৃত ক্ষমতাবলে সরকার ১১ অগ্রহায়ণ, ১৪২৫ বঙ্গাব্দ মোতাবেক ২৫ নভেম্বর, ২০১৮ খ্রিস্টাব্দ তারিখের প্রজ্ঞাপন এস, আর, ও নং-৩৪৫-আইন/২০১৮ এর নিম্নরূপ অধিকতর সংশোধন করিল, যথা:—

উপরি-উক্ত প্রজ্ঞাপনের তফসিল “ক” এর পরিবর্তে নিম্নরূপ তফসিল “ক” প্রতিস্থাপিত হইবে, যথা:—

“তফসিল “ক”

মাসিক মজুরীর হার

ক্রমিক নং	শ্রমিক পদবিন্যাস ও শ্রেণিবিভাগ	মাসিক মূল মজুরী (টাকা)	বাড়ী ভাড়া ভাতা (টাকা) (মূল মজুরীর ৫০%)	চিকিৎসা ভাতা (টাকা)	যাতায়াত ভাতা (টাকা)	খাদ্য ভাতা (টাকা)	সর্বমোট মজুরী (টাকা)
(১)	(২)	(৩)	(৪)	(৫)	(৬)	(৭)	(৮)
১।	শ্রেণি-১: ১। প্যাটার্ন সাস্টার ২। চীফ কোয়ালিটি কন্ট্রোলার ৩। চীফ কাটিং সাস্টার/ কাটিং চীফ ৪। চীফ মেকানিক	১০,৯৩৮/-	৫,৪৬৯/-	৬০০/-	৩৫০/-	৯০০/-	১৮,২৫৭/-

(৬৩৭)

মূল্য : টাকা ৮-০০

ক্রমিক নং	প্রমিত পদবিন্যাস ও শ্রেণিবিতাপ	মাসিক মূল মজুরী (টাকা)	বাড়ী ভাড়া ভাতা (টাকা) (মূল মজুরীর ৫০%)	চিকিৎসা ভাতা (টাকা)	যাতায়াত ভাতা (টাকা)	খাদ্য ভাতা (টাকা)	সর্বমোট মজুরী (টাকা)
(১)	(২)	(৩)	(৪)	(৫)	(৬)	(৭)	(৮)
৭।	<p>শ্রেণি-৭:</p> <p>১। সহকারী অপারেটর (সকল ধরনের মেশিনের জন্য)</p> <p>২। সহকারী কাটারমান/ সহকারী নিডলমান/সহকারী সিঞ্জারমান</p> <p>৩। সহকারী কোয়ালিটি ইন্সপেক্টর</p> <p>৪। সহকারী মার্কার/ সহকারী ড্রাইং ম্যান</p> <p>৫। সহকারী ইসুমান/ সহকারী ইনপুটমান</p> <p>৬। সহকারী বান্ডলিং ম্যান/ সহকারী নাথারিং ম্যান</p> <p>৭। সহকারী অটো স্প্রেডার/ সহকারী লে-মান</p> <p>৮। সহকারী পলি ম্যান/ সহকারী প্যাকিং ম্যান/ সহকারী ফোল্ডিং ম্যান</p> <p>৯। সহকারী ট্যাপমান/ সহকারী স্পটমান/ সহকারী রিসিভমান</p> <p>১০। সহকারী প্রিন্টার/ সহকারী পেইন্টার/ সহকারী ড্রয়ারমান</p> <p>১১। সহকারী ফিন এক্সপোজার</p> <p>১২। সহকারী ওয়েল্ডার/ সহকারী ফিটার/ সহকারী প্রাধার</p> <p>১৩। সহকারী স্যাম্পলম্যান</p> <p>১৪। সহকারী ডিস্ট্রিবিউটর</p> <p>১৫। ফিনিশিং সহকারী</p> <p>১৬। সুতা ঝাড়া সহকারী</p> <p>১৭। লাইন আয়রণমান</p>	৪১০০/-	২০৫০/-	৬০০/-	৩৫০/-	২০০/-	৮০০০/-

▪ শিক্ষানবিশ শ্রমিকের ক্ষেত্রে:

(ক) শিক্ষানবিশিকাল ৩ (তিন) মাস:

তবে শর্ত থাকে যে, নিয়োগকারী কর্তৃপক্ষ একজন শ্রমিকের কাজে সন্নিহিত না হইলে তাহার শিক্ষানবিশিকাল আরও ৩ (তিন) মাস বৃদ্ধি করিতে পারিবে;

(খ) শিক্ষানবিশিকালে শিক্ষানবিশ শ্রমিক মূল মজুরী ২,৭৫০ (দুই হাজার সাতশত পঞ্চাশ), বাড়ি ভাড়া ভাতা মূল মজুরীর ৫০% (শতকরা পঞ্চাশ ভাগ) হারে ১,৩৭৫ (এক হাজার তিনশত পঁচাত্তর), চিকিৎসা ভাতা ৬০০ (ছয়শত), যাতায়াত ভাতা ৩৫০ (তিনশত পঞ্চাশ) এবং খাদ্য ভাতা ৯০০ (নয়শত) টাকা বাবদ মাসিক সর্বসাকুল্যে ৫,৯৭৫ (পাঁচ হাজার নয়শত পঁচাত্তর) টাকা মজুরী প্রাপ্ত হইবেন; এবং

(গ) শিক্ষানবিশিকাল সমাপ্ত হইবার পর শিক্ষানবিশ শ্রমিক সংশ্লিষ্ট গ্রেডের স্থায়ী শ্রমিক হিসাবে নিযুক্ত হইবেন।”।

২। ইহা ১৭ অগ্রহায়ণ, ১৪২৫ বঙ্গাব্দ মোতাবেক ০১ ডিসেম্বর, ২০১৮ খ্রিষ্টাব্দ তারিখে কার্যকর হইয়াছে বলিয়া গণ্য হইবে।

রাষ্ট্রপতির আদেশক্রমে

হামিদা চৌধুরী
মুদ্রসচিব।

মোঃ তারিকুল ইসলাম খান, উপপরিচালক, বাংলাদেশ সরকারী মুদ্রণালয়, তেজগাঁও, ঢাকা কর্তৃক মুদ্রিত।

মোঃ আব্দুল মালেক, উপপরিচালক, বাংলাদেশ ফরম ও প্রকাশনা অফিস, তেজগাঁও,
ঢাকা কর্তৃক প্রকাশিত। website: www.bgpress.gov.bd

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Government of the People's Republic of Bangladesh

Ministry of Labor and Employment

Grant Board Branch

Notification

Date: 11th Magh, 1425 BS/24th January, 2019 AD

S.R.O No-23-Law/2019. Under the provisions of sub-section (1) of section 140 of Bangladesh labor act, 2006 (act 42 of 2006), under the section 139 of the act, the garments" industry sector, hereinafter referred to as the said sector the lowest wage board of the following schedule. With the power by above mention law, the Govt. did more rectification of the notification issued on 11th Agrayayan, 1425 BS/25th November, 2018 AD; of S.R.O no 345- law /2018.

The schedule of the aforesaid notification shall be substituted "KA"/A in place of following "KA"/A, namely

**Schedule "A"
Monthly Wage Rate**

S.	Workers rank and class categories	Monthly main wages (Taka)	House Rent allowance (Taka) (50% of original wage)	Treatment allowance (Taka)	Transport allowance (Taka)	Food allowance (Taka)	Total wages (Taka)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Grade-1: 1. Pattern Master 2. Chief Quality Controller 3. Chief Cutting Master/Cutting Chief 4. Chief Mechanic	10938/-	5469/-	600/-	350/-	900/-	18275/-
2.	Grade-2: 1. Mechanic/Electrician 2. Cutting Master	9044/-	4522/-	600/-	350/-	900/-	15416/-
3.	Grade-3: 1. Senior Operator (For all types of machines) 2. Senior Cutter 3. Senior Quality Inspector 4. Senior Marker/Senior Drawing man 5. Senor Screen Exposure 6. Senior Ironman 7. Senior Sample man/Sample Machinist 8. Junior Mechanic 9. Junior Electrician 10. Senior Line Leader	5330/-	2665/-	600/-	350/-	900/-	9845/-
4.	Grade-4: 1. Operator (For all types of machines) 2. Cutter man/Needleman/Seizure man 3. Quality Inspector 4. Marker/Drawing man 5. Issue man/Input man 6. Bundling man/Numbering man	4998/-	2499/-	600/-	350/-	900/-	9347/-

S.	Workers rank and class categories	Monthly main wages (Taka)	House Rent allowance (Taka) (50% of original wage)	Treatment allowance (Taka)	Transport allowance (Taka)	Food allowance (Taka)	Total wages (Taka)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	7. Auto Spreader/Lay-man 8. Poly man/Parking man/Folding man 9. Tag man/Spot man/Receive man 10. Printer/Painter/Dryer man 11. Screen Exposure 12. Ironman/Pressing man 13. Welder/Fetter/Plumber 14. Sample man 15. Distributor 16. General Mechanic 17. General Electrician 18. Line Leader						
5.	Grade-5: 1. Junior Operator (For all machines) 2. Junior Cutter man/Junior Diddle man/Junior Seizure man 3. Junior Quality Inspector 4. Junior Marker/Junior Drawing man 5. Junior Issue man/Junior Input man 6. Junior Bundling/Numbering man 7. Junior Auto Spreader/Junior Lay-man 8. Junior Poly man/Junior Packing man/Junior Folding man 9. Junior Tag man/ Junior Spot man/Junior Receive man 10. Junior Printer/Junior Painter/ Junior Dryer man 11. Junior Screen Exposure 12. Junior Ironman/Junior Pressingman 13. Junior Welder/Filter/Junior Plumber 14. Junior Sample-man 15. Junior Distributor 16. Asst. Mechanic 17. Asst. Electrician	4683/-	2342/-	600/-	350/-	900/-	8875/-
6.	Grade-6: 1. General Operator (For all machines) 2. General Cutter man/General Diddle man/General Seizure man 3. General Quality Inspector 4. General Marker/General Drawing man 5. General Issue man/General Input man 6. General Bundling man/General Numbering man 7. Auto Spaeder/Lay- Man 8. General Poly man/ General Parking man/ General Folding man 9. General Tag man / General Spot man/ General Receive man 10. General Printer/ General Painter/ General Dryer man 11. General Screen Exposure 12. General Iron/General Pressing man	4380/-	2190/-	600/-	350/-	900/-	8420/-

S.	Workers rank and class categories	Monthly main wages (Taka)	House Rent allowance (Taka) (50% of original wage)	Treatment allowance (Taka)	Transport allowance (Taka)	Food allowance (Taka)	Total wages (Taka)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	13. General Welder/ General Fetter/ General Plumber 14. General Sample man 15. General Distributor						
7.	Grade-7: 1. Asst. Operator (For all types of machines) 2. Asst. Cutter man/ Asst. Diddle man/ Junior Seizure man 3. Asst. Quality Inspector 4. Asst Marker/ Asst Drawing man 5. Asst. Issue man/ Asst. Input man 6. Asst. Bundling man/ Asst. Numbering man 7. Asst. Auto Spreader/ Asst. Lay-man 8. Asst Polyman/ Asst. Packing man/ Asst. Folding man 9. Asst. Tag man / Asst. Spot man/ Asst. Receive-man 10. Asst. Printer/ Asst. Painter/ Asst. Dryer man 11. Asst. Screen Exposure 12. Asst. Welder/Asst Filter/Asst. Plumber 13. Asst. Sample man 14. Asst. Distributor 15. Finishing Assistant 16. Yarn flick assistant 17. Line Iron man	4100/-	2050/-	600/-	350/-	900/-	8000/-

• **In case of Trainee Workers:**

(a) Apprenticeship 3 (three) months:

But the condition is that, if the employer's authority is not satisfied with the work of a worker, he may increase his or her apprenticeship by further 3 (three) months;

(b) Apprenticeship will be received on monthly basis for the monthly salary of Tk. 5975/- (five thousand nine hundred seventy-five); And

(c) Upon completion of the training period, the apprenticeship worker will be appointed as permanent worker of the relevant grade.

2. It will be deemed to have been effective on 1st December, 2018 AD / 17th Agrahayan, 1425 BS.

By the order of President
Hamida Chaudhury
Joint Secretary

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APPENDIX 6: SAMPLE GRIEVANCE REGISTRATION FORM

(To be available in Bengali and English)

The Project welcomes complaints, suggestions, queries and comments regarding project implementation. We encourage persons with grievance to provide their name and contact information to enable us to get in touch with you for clarification and feedback. Should you choose to include your personal details but want that information to remain confidential, please inform us by writing/typing “CONFIDENTIAL” above your name. Thank you.

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

অভিযোগ দাখিল ও নিরসন ফর্মের নমুনা

অভিযোগ দাখিল ও নিরসন ফর্মের নমুনা

প্রকল্প বাস্তবায়নের ক্ষেত্রে যে কোন আপত্তি, অভিযোগ, পরামর্শ, প্রশ্ন এবং মতামতকে প্রকল্পে (Project) স্বাগত জানাই। আমরা অভিযোগকারিকে অভিযোগের সাথে নাম-ও যোগাযোগের ঠিকানা দিতে উৎসাহ দেই যাতে তাঁদের অভিযোগ নিরসনকল্পে প্রয়োজনীয় যোগাযোগ করতে ও পদক্ষেপ সঙ্কল্পে তাঁদের সময় মতো জানানো যায়। আপনি যদি আপনার পরিচয় জানাতে চান অথচ তা জনসম্মুখে গোপন রাখতে ইচ্ছা পোষণ করেন তাহলে গোপনীয় শব্দটি ফর্মের উপরে উল্লেখ করুন। ধন্যবাদ।

তারিখ:		রেজিস্ট্রেশনের স্থান:			
যোগাযোগের ঠিকানা/বাস্তবিকৃত তথ্য:					
নাম:		লিঙ্গ : (টিক দিন)	পুরুষ : নারী :	<input type="checkbox"/> <input type="checkbox"/>	বয়স:
বর্তমান ঠিকানা:					
ফোন নং					
ই-মেইল (যদি থাকে)					
আপত্তি/ অভিযোগ/ পরামর্শ/ প্রশ্ন /মতামত অনুগ্রহ করে আপনার অভিযোগের সাথে বিস্তারিত বর্ণনা (কে, কি, কোথায়, কিভাবে ইত্যাদি) প্রদান করুন।					
যদি এর সাথে কোন সংযুক্তি/নোট/চিত্র/ছবি যোগ করা হয় তাহলে টিক দিন: <input type="checkbox"/>					

গণুমাত্র দাপ্তরিক কাজে ব্যবহারের জন্যে

নাম: (যে কর্মকর্তার দ্বারা অভিযোগ রেজিস্ট্রিকৃত)					
যে-মাধ্যমে অভিযোগ গৃহীত: (টিক দিন)	১. নোট /চিত্র:	<input type="checkbox"/>			
	২. ই-মেইল :	<input type="checkbox"/>			
	৩. টেলিফোনে/সশরীরে-মৌখিক :	<input type="checkbox"/>			
যে কর্মকর্তা অভিযোগটি পর্যালোচনা করেন:					
এই অভিযোগের প্রেক্ষিতে যে পদক্ষেপ গ্রহণ করা হয়েছে:					
পদক্ষেপটি জনসম্মুখে প্রচার করা হয়েছে কি ? (টিক দিন)	১. হ'ই :	<input type="checkbox"/>			
	২. না :	<input type="checkbox"/>			
যে-মাধ্যমে পদক্ষেপটি জনসম্মুখে প্রচার করা হয়েছে:					

APPENDIX 7: MONITORING FORMAT FOR SOCIAL SAFEGUARDS COMPLIANCE

S.N.	Monitoring Indicators	Status	Remarks
A. Pre-construction activities and resettlement plan activities			
1	Approval of final resettlement plan by ADB prior to contract award	N.A.	N.A.
2	Disclosure of final resettlement plan on ADB and EA websites	N.A.	N.A.
3	Circulation of summary RP in the three local languages to all stakeholders	N.A.	N.A.
B. Resettlement plan implementation			
1	Grievance redress committee and telephone hotlines established	N.A.	N.A.
2	Entitlements and grievance redress procedure disclosed	N.A.	N.A.
3	Finalization of list of APs and compensation/assistance/allowances due	N.A.	N.A.
4	Affected persons receive entitlements as per amounts and program specified in RP	N.A.	N.A.
5	Payment of compensation, allowances, and assistance (no. of APs)	N.A.	N.A.
6	Additional assistance for vulnerable households given (no. of vulnerable APs)	N.A.	N.A.
7	Livelihood arrangements provided to vulnerable APs	N.A.	N.A.
8	No. of days for which compensation paid	N.A.	N.A.
9	Actual days of disruption	N.A.	N.A.
10	Reinstallation of affected common facilities	N.A.	N.A.
11	Grievances No. of grievances registered No. of grievances redressed Outstanding complaints Disclosure of Grievance redress statistics	N.A.	N.A.
12	Consultation, participation, and disclosure as per plan	N.A.	N.A.
C. Monitoring			
1	Survey on socioeconomic status of APs (including vulnerable APs) completed and compared with baseline survey results	N.A.	N.A.
2	Survey on satisfaction levels of APs with RP implementation completed	N.A.	N.A.
D. Labor			
1	Implementation of all statutory provisions on labor like health, safety, welfare, sanitation, and working conditions by contractors	N.A.	N.A.
2	Equal pay for equal work for men and women	N.A.	N.A.

APPENDIX 8: LEAFLET FOR PROJECT INFORMATION DISCLOSURE

বর্তমান ও বাস্তবায়ন পরবর্তী তুলনামূলক চিত্র

কর্মসমাপ্ত অবস্থা	কাল্পনিক পরিবর্তন
অন্যত্রাণী পুরাতন পাইপ লাইনে প্রিন্ট/ডিক বাস্কর পানির অপচয় হয়।	উন্নত মানের ম্যানহোল ব্যবহার এবং আধুনিক পদ্ধতিতে পাইপ স্থাপনের কারণে পাইপে কোনো প্রিন্ট বাস্কর না ও পানির অপচয় হবে না।
সরবরাহকৃত পানির অপচয়ের হার অনেক বেশি।	সরবরাহকৃত পানির সীমিত/নির্দিষ্ট অপচয় হবে।
ঢাকা এলাকা বিশাল রাস্তা/আবাসন হয়।	একই এলাকার রাস্তা বা আবাস বৃদ্ধি পাবে।
নগর চাপ হ্রাস অনিয়মিত এবং স্বল্প পরিমাণ পানি সরবরাহ হয়।	পানির চাপের চাপ সহ ২৪x২৭ ঘণ্টা পানি সরবরাহ নিশ্চিত হবে।
পানির সঠিক চাপ না থাকার কারণে সার্বজনীন পান্য ব্যবহার করা এবং বেশি মোটা পাইপের পুষ্টি সংযোগে বাসস্থান করা।	পানির সঠিক চাপ থাকার কারণে বেশি মোটা পাইপ এবং সার্বজনীন পান্য ব্যবহার করতে হবে না এবং বিনামূলি বিল সাধারণ হবে।
পানি সুষ্ঠুতে ও নিষ্কাশন করার মাধ্যমে পানি বিক্রয় করে ব্যবহার করা হয়।	পানি সুষ্ঠুতে ও নিষ্কাশন করার মাধ্যমে পানি বিক্রয় করার প্রয়োজন পড়বে না।
লাইনে পানি সঞ্চিত করলে পানি বাহিত হওয়া হয়।	লাইনে বিক্রয় পাইপে পানি সঞ্চিত হওয়া বন্ধ হওয়ায় পানি বাহিত হওয়া বন্ধ হবে।
সরাসরি পদ্ধতিতে পানি সরবরাহ এবং পানি সঞ্চিত থাকার প্রচলিত ওয়াসেল প্রতি আঁকা হওয়া।	DMA স্থাপনের পানি সরবরাহের জন্য একই এলাকাতে একটি ডিগ্রাউন্ড মেটারেড এলাকা (DMA) স্থাপন করা হবে।

একই একই স্থানে বাস্তবায়নের পূর্বে একই একই এলাকাতে একটি ডিগ্রাউন্ড মেটারেড এলাকা (DMA) স্থাপন করা হবে।

যে কোনো অভিযোগ বা তথ্যের জন্য যোগাযোগ করুন :

মডুল জোন-১	১৫৫০০০০	মডুল জোন-১	১৫৫০১৯৮
মডুল জোন-২	৫৭০১৮২৯০	মডুল জোন-২	৫৭০১৮২৯১
মডুল জোন-৩	১৫৫০৭০৭	মডুল জোন-৩	১৫৫০৭০৮
মডুল জোন-৪	১৫৫০৬৪২	কেন্দ্রীয় অভিযোগ কেন্দ্র (SOC)	১৫৫০৬৩৯২
WASA Link	১৫৫০৬	শক্তি পানি	০১৮৪৭-০৬৫০০২ ০২-১০০০৩৫০



ঢাকা ওয়াটার সাপ্লাই নেটওয়ার্ক ইমপ্রুভমেন্ট প্রজেক্ট
 ঢাকা এলাকা, ওয়াশিংটন

১০, মাদারি মার্কেট ইন্ডাস্ট্রি এজিটিটি (১ম ফ্লোর), আওরঙ্গ মাজার, ঢাকা-১২১০১
 ফোন: ১৫০-১-১১১০০০১; ফ্যাক্স: ১৫০-১-১১১০০১৬
 Website: www.dwasip-dwasip.com

সূচনা :
 ঢাকা শহর সার্বজনীন (২৪x২৭) সুরক্ষিত পানি সরবরাহের লক্ষ্যে একটি উন্নত মানের এবং ম্যানহোল সার্বজনীন সুরক্ষিত পানি সরবরাহ "সাপ্লাই নেটওয়ার্ক ইমপ্রুভমেন্ট (DWSNIP) প্রজেক্ট" নামে একটি প্রকল্প চালু করা যা ডিসেম্বর ২০১১ সালে শুরু হবে। প্রকল্পের DWSNIP প্রকল্পের মাধ্যমে সার্বজনীন DMA এলাকায় সার্বজনীন সুরক্ষিত পানি সরবরাহের হওয়ার ক্ষমতা বৃদ্ধির মাধ্যমে সার্বজনীন সুরক্ষিত DMA এর মাধ্যমে পানি সরবরাহ নিশ্চিত করার লক্ষ্যে এলাকা পরিষ্কার। সার্বজনীন সুরক্ষিত পানি সরবরাহ নিশ্চিত করার উদ্দেশ্যে পানি সরবরাহ ব্যয়নের ক্ষমতা বেশ কিছু প্রকল্প সমাধান/প্রকল্পের মাধ্যমে।

প্রকল্পের উদ্দেশ্য :

- সার্বজনীন সুরক্ষিত পানি সরবরাহ নিশ্চিত করা।
- Non-Revenue Water (NRW) ১০% এর নিচে আনতে।
- District Metered Area (DMA) নির্ধারণের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ নিশ্চিত করা এবং সার্বজনীন সুরক্ষিত পানি সরবরাহ নিশ্চিত করা।



পানির সুরক্ষিত পাইপ স্থাপন :

- NGO এর সংশ্লিষ্ট কর্মসূচির মাধ্যমে কাজ করবে এবং সার্বজনীন সুরক্ষিত পানি সরবরাহ (DMS) কনসাল্ট্যান্ট কর্তৃক প্রকল্পের সার্বজনীন সুরক্ষিত পাইপ স্থাপন (DMS) কর্তৃক পরিচালিত করা হবে।
- অধিক পরিষ্কার Horizontal Directional Drilling (HDD) এবং Pipe Bursting (PB) এর মাধ্যমে পাইপ স্থাপন করা হবে।
- BUTT Fusion এবং Beltline Fusion পাইপ এর মাধ্যমে Pipe Joint স্থাপন করার কারণে পানি সঞ্চিত হওয়ার সমস্যা থাকবে না। তবে পাইপের পানি সঞ্চিত হওয়া এবং পানি বাহিত হওয়া প্রকল্পের মাধ্যমে।
- টাং পাম্প (Surge Pump) প্রকল্পের মাধ্যমে প্রকল্পের সুরক্ষিত পানি সরবরাহ করা হবে।

NGO সংশ্লিষ্ট কর্মসূচির বিবরণ :

- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।

প্রকল্পের কাজের পরিধি :
 প্রকল্পের কাজ District Metered Area (DMA) পরিধি অন্তর্ভুক্ত করে ডিগ্রাউন্ড মেটারেড এলাকা (DMA) স্থাপন করা হবে।

বিকল্প ব্যবস্থা (পাইপ লাইন) :
 ক. নতুন পাইপ স্থাপন করা হবে। (Decayed) পাইপ লাইন পরিষ্কার করে নতুন পাইপ স্থাপন করা হবে।
 খ. নতুন পাইপ স্থাপন করা হবে। (Decayed) পাইপ লাইন পরিষ্কার করে নতুন পাইপ স্থাপন করা হবে।
 গ. নতুন পাইপ স্থাপন করা হবে। (Decayed) পাইপ লাইন পরিষ্কার করে নতুন পাইপ স্থাপন করা হবে।

নতুন-বাড়ির সংযোগ (হাউস কানেকশন) :
 ক. প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
 খ. প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
 গ. প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।

- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।
- সরকারি পানি সরবরাহ সংস্থা/কর্মসূচির মাধ্যমে প্রকল্পের মাধ্যমে সার্বজনীন সুরক্ষিত পানি সরবরাহ করা হবে।



Draft Leaflet in English

Background. Dhaka Water Supply Network Improvement Project (DWSNIP) aims to improve provision of sustainable, reliable, climate-resilient water supply in Dhaka city. It will enhance the distribution network efficiency gains achieved under two previous Asian Development Bank (ADB) financed projects to Dhaka Water Supply and Sewerage Authority (DWASA) for improving service delivery and capacity building. Under these two on-going projects, distribution network improvement works have been implemented in seven out of ten zones of Dhaka city by establishing district metered areas (DMAs) and focusing on nonrevenue water reduction in each DMA.³² Commissioned DMAs have achieved uninterrupted 24-hour piped water supply, reduced physical water losses from 40% to less than 15%, with the current average of 4.95%,³³ assured good quality potable water directly from taps without any other treatment and authorized or legalized 10165 connections.

A remaining challenge for DWASA is to enhance the efficiency gains throughout its service area and reduce overall physical losses. In areas not covered by the ongoing projects, water losses remain the major cause of insufficient service delivery. DWASA needs to rehabilitate and replace ageing fixtures and enhance O&M capacity. Investing in water supply network improvement and managerial and operational capacity enhancement can contribute to provision of more reliable and improved water supply services.

Project Description. The project aims to improve provision of sustainable, reliable, and climate-resilient water supply in Dhaka city. It will enhance the distribution network efficiency gains achieved under two previous ADB-financed projects (Loan 2382 (Dhaka Water Supply Sector Development Project [DWSSDP]) and Loan 3051 (Dhaka Environmentally Sustainable Water Supply Project [DESWSP]) for improving service delivery, reduction of nonrevenue water and building capacity of Dhaka Water Supply and Sewerage Authority (DWASA).

The project impact will be (i) safe drinking water made available for all urban population, which is aligned with the Seventh Five-Year Plan, 2016-2020;³⁴ and (ii) coping with disaster and adapting to climate change and safeguard environment in the National Strategy for Water Supply and Sanitation.³⁵ The outcome will be sustainable provision of more reliable, improved, and climate-resilient water supply in Dhaka city ensured. The major outputs will be DWASA's (i) distribution network strengthened in seven zones; (ii) sustainable DMA management capacity enhanced; and (iii) capacity for quality service delivery enhanced.

Resettlement Plan (RP): Policy and Principles. Resettlement for five civil work packages has been prepared for the project based on ADB's Safeguard Policy Statement 2009, and Government of Bangladesh (GOB) *Acquisition and Requisition of Immovable Property Act 2017* (ARIPA). The resettlement plan was prepared to mitigate the identified impacts that might occur during the construction of the project components.

Involuntary Resettlement Impact. No private land acquisition will be required for the implementation of the project. Only temporary impacts on livelihood are envisaged. For these components a total of 32 vendors/households with the total population of 123 persons (HH members) will be affected temporarily

³² DMAs are hydraulically small isolated areas from bulk water transmission mains and rest of the neighboring areas. DMA approach has good advantages in proper management of water leakage, water pressure, and water balance.

³³ Physical losses in thirty commissioned DMAs range from 1.58% to 14.06% (DWASA estimates)

³⁴ Government of Bangladesh, Planning Commission, Ministry of Planning. 2015. *Seventh Five-Year Plan: FY2016-FY2020*. Dhaka.

³⁵ Government of Bangladesh, Policy Support Unit, Local Government Division, Ministry of Local Government, Rural Development and Cooperatives. 2014. *National Strategy for Water Supply and Sanitation*. Dhaka

from the government land or public RoW that they are currently using for their livelihood activities. Average daily income of the affected persons is BDT 625.

Entitlement. The project provides for compensation of all potential losses including potential income losses for vendors at replacement value. As required by ADB Safeguards Policy (2009) the project will provide compensation and resettlement assistance for households' lost land, business, structures and other lost assets in connection with the project. The resettlement plan approach incorporates (i) compensation for lost assets; (ii) resettlement issues; (iii) impact mitigation with special attention to the women and vulnerable groups; and (iv) income generating support to the members of the physically displaced households and including them in the poverty reduction and livelihood enhancement program. A budgetary provision of BDT 189,200.00 (USD 2209) for compensation of lost income.

The eligible affected persons for this project are: any affected persons who will lose livelihood income temporary from any income generating activity affected by the project.

Institutional Arrangement. Dhaka WASA has established, for the Project, a PMU headed by a project director (PD), who will be responsible for the overall execution of the Project. The PMU will be supported with an experienced NGO for the implementation of resettlement activities which include livelihood rehabilitation. DWASA will implement the RP through setting a Safeguard Implementation (SIU) headed by DPD at the DWSNIP PMU. The SIU, under the overall responsibility of the PD, will undertake day-to-day activities with the appointed NGO. The concerned Safeguards Officer the level of AE, of SIU will be convener of the JVC (Joint verification committee) and PVAC (Property Valuation Advisory Committee). The PD of SIU will perform as convener of GRC (Grievance Redress Committee) and RAC (Resettlement Advisory Committee). The resettlement assistance NGO will assist APs to put forth grievances and access information on opportunities for employment in project related activities, rights and entitlements and the grievance redress process, and make informed choices.

Grievance Redress Mechanism (GRM). To resolve all project related grievances and complaints a common social and environmental grievance redress mechanism will be in place. Common and simple grievances will be sorted out at project site level by the Contractor's Resettlement Supervisor, supervision staff of PMU and project NGO within 7 days. More serious complaints will be sent to the safeguard officer at the PMU to be resolved in 14 days. Any unresolved grievances will be forwarded to GRC to be resolved within 21 days. Despite the project GRM, an aggrieved person shall have access to the country's legal system at any stage.

Environmental Management. Five draft initial environmental examination (IEEs) with environmental management plans (EMPs) were prepared at feasibility stage in 2015 for each package (Package No. ICB 2.8, 2.9, 2.10, 2.11 and 2.12) in accordance with ADB's Safeguards Policy Statement (SPS, 2009) and Government of Bangladesh Environmental Conservation Rules (1997). The IEEs and EMPs pertaining to 4th batch of ICB 2.11 have been revised and submitted to ADB for review and approval for tendering, and DWASA will obtain all necessary permits and clearances from relevant government agencies, including Department of Environment. IEEs are available upon request from Dhaka WASA. These will also be made available on DWASA's and ADB's websites.

The IEEs concluded that no significant adverse environmental impacts are anticipated and any impacts will be mitigated through measures outlined in the EMP. The EMP has been incorporated into bidding and contract documents and implemented by contractors, and monitored by consultants. There are no sensitive environmental features located in the project area. Environmental management

measures defined in the EMP, such as sound construction site management and regular monitoring of the project's environmental performance will reduce these impacts to acceptable levels.

Consultation and public participation will continue throughout project implementation and any environmental complaints or disputes will be handled in accordance with the grievance redress mechanism developed for the project. The PMU will be supported by environmental specialists on the consultant team to assist EMP implementation and environmental monitoring and reporting activities.

DWASA will report progress to ADB on a semi-annual basis. ADB and DWASA will disclose all reports on respective websites.

Name : Designation : DWSNIP Safeguards Implementation Unit Telephone No:	Name Designation DWSNIP Project Management Unit Telephone No:
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