

Chapter-5. Action Plan of DRR Countermeasures

5.1 Current Status and Issues of the Structural and Non-Structural Countermeasures

The implementation status of each type of DRR countermeasures in this Upazila was summarized in the table below. As the table shows, most part of the flood prevention has been addressed by BWDB and LGED while some countermeasures for sediment disaster and earthquake shaking have not been covered enough by governmental agencies. These infrastructure projects for protection and control against floods have contributed to reducing inundation in the long term in this Upazila. Meanwhile, infrastructure projects such as road construction, water supply and sanitation, and shelter have contributed to reducing the secondary effects of flood disaster, helping to enhance the capacity of disaster response. It is further required to accelerate the structural and non-structural countermeasures that have been currently implemented in the Upazila, as well as to initiate promoting the coordination and discussion among related agencies to introduce countermeasures that have not been undertaken or unknown in the Table below.

Table 5-1. Structural Measures Which are Undertaken / not Undertaken

Category	Current status of the countermeasures by type		
	Type	Undertaken	Agency
Infrastructures for Protection and Control against Flood	As efforts of flood prevention, BWDB is making inspections to identify vulnerable embankments, and has implemented the embankment development plan (66/1, 66/2 and 66/3) in this region. This embankment development process includes sluice gates construction and rehabilitation. Meanwhile, retarding basins and reservoirs are not commonly applied, and there is no reservoir in Cox's Bazar Sadar Upazila.		
	Embankments/Dike	✓	BWDB
	Canal Excavation and other river improvements (Widening and Deepening)	✓	BWDB
	Sluice gates	✓	BWDB
	Retarding Basin/Reservoir	Not undertaken	BWDB
	Drainage Facilities (Pumping Station etc)	Not undertaken	BWDB
Infrastructures for Protection and Control against Coastal Disasters	Dam	✓	BWDB/LGED
	BWDB plays a key role to construct and maintain the polders while guide walls have been constructed by the efforts of LGED, DDM, and Cox's Bazar Paurashava.		
	Some of the coastal forests with pine trees have been developed by the BWDB efforts, however, due to the lack of awareness and poor coordination, those forests are not properly maintained, and some are deforested.		
	Dike (Polder)/Coastal Revetment Seawall/Guide walls	✓	BWDB

Category	Current status of the countermeasures by type		
	Type	Undertaken	Agency
Infrastructures for Protection and Control against Sediment Disasters	LGED and Cox's Bazar Paurashava are the responsible agencies to cope with sediment disasters such as rock failure. At this moment, LGED/DDM implemented some retaining wall construction along the beachside area to protect road infrastructure from rock falls. However, most of the rest of the area is left to be undertaken.		
	Slope stabilization/Retaining walls	✓	LGED/DDM
	Rock-Fall Prevention	Not undertaken	Bazar Paurashava
	Retrofitting to cope with earthquake shaking is the process of modifying existing structures to make them more resistant to seismic activity, ground motion, or soil failure due to earthquakes.		
Structural Measures against Earthquake Shaking	Type	Undertaken	agency
	Compliance with the building code (BNBC-2020)	✓	Cox's Bazar Development Authority/BCC/ UCC/Cox's Bazar Paurashava
	Building Assessment (Seismic Diagnosis)	Unknown	PWD
	Retrofitting of important facilities and Infrastructures	Partly by International Donor	LGED/PWD/Cox's Bazar Paurashava/DDM
	Shelter: 90 shelters are listed for cyclones and flood response in Cox's Bazar Sadar Upazila by UZDMC. 21 of the total shelter was constructed by the governmental authorities, while the rest of the facilities were constructed by various domestic and international foundations including government auxiliary, NGOs, and donors such as BDRCS, CARITAS, EU, World Vision, Red Crescent, World Bank, and Islamic Development Bank.		
	Transportation: LGED is the main responsible agency to develop and maintain the road and transportation infrastructure.		
Infrastructure for Emergency Operation	Drainage system: Improvement of drainage system is important to prevent prolonged inland flooding. Cox's Bazar Paurashava and Cox Bazar Development Authority cope with the challenges of installing and rehabilitating drainage systems in urban areas. For rural areas, LGED is responsible for the development of the required drainage systems.		
	Water and sanitation: Water and sanitation infrastructures are critical to provide safe water and keep the living environment hygiene. DPHE is the main agency to cope with water-related issues to prevent the secondary effects of the disaster.		
	Type	Undertaken	Agency
	Shelters/Mujib Kiliah	✓	DDM/LGED/ Cox's Bazar Paurashava
	Roads	✓	LGED/ DDM/ Cox's Bazar Paurashava
	Bridges	✓	Cox's Bazar Paurashava
	Culverts	✓	Cox's Bazar Paurashava
	Drains	✓	Cox's Bazar Paurashava

Category	Current status of the countermeasures by type		
Infrastructure for Prevention of Other Disasters (Lightning, etc)	Facilities for Water [Tube well, Pipeline, and sanitation (Latrine)]	✓	DPHE/NGOs
	Lightning arrester	Unknown	DDM /Cox's Bazar Paurashava

Table 5-2. Non-Structural Measures Which are Undertaken / not Undertaken

Category	Current status of countermeasures by type		
Land Use Planning	Promoting land use planning in local administrations in Bangladesh is now under process by the effort of the central ministry (UDD) and Cox's Bazar Development Authority. However, at this moment, no Upazila Governments in Bangladesh have specific regulations or tools for DRR purposes. Land use strategy such as resettlement of inhabitants and industries around vulnerable areas is an important tool to mitigate the socio-economic impact. To apply this, more vertical coordination and connection between governmental policy, District plan and strategy, and stakeholders in Union Parishads and Upazila administration is needed. Therefore, it must be a consideration in the long term though it is worth discussing in the UZSC continuously.		
	Type	Undertaken	Agency
	Urbanization Control	Unknown	Cox's Bazar
	Resettlement	Unknown	Development Authority/
	Designating Special Warning Area	Unknown	UDD
Early Warning Information and Communication	Early warning system in coastal areas in Bangladesh has been developed with CPP and other NGOs coordination since 1990's.		
	Type	Undertaken	Agency
	Installation of Monitoring System of Rainfall & Water Level	✓	BWDB/ BMD/BIWTA
	Flood Forecasting and Warning System, including community radio	✓	FFWC/BWDB/
	Cyclone Warning System	✓	SWC-MBD
Disaster Management Training and Materials	Strategy making and basic study for cropping, harvesting and choice of the variety adopted to global warning	✓	DAE
	Telecommunication system for search and rescue	✓	BTRC/DDM
	Emergency Operations SOPs are in place for disasters at the district level. Disaster preparedness and response drills are conducted prior to the flood season. Regional evacuation drills are conducted once a year at the Union level. Disaster management training for members of DMC is conducted once at least a year.		
	Type	Undertaken	Agency
	Preparation of SOP for emergency operation	✓	DDM/FSCD
	Simulation and Exercise	✓	DDM/FSCD
	Evacuation drill / Shelter and evacuation route	✓	DDM/NGOs/NGOs
	Training on DRR	✓	DDM

Category	Current status of countermeasures by type		
Raising Public Awareness & Disaster Education	Field Level:		UDMC/UzDMC/ DDMC
	Preparation for emergency operation	✓	DDM/FSCD/ DGHS
	Disaster education is provided irregularly in both primary and secondary school classes. Awareness raising for disaster risk reduction is mainly conducted through TV and RADIO, however, in some areas NGOs conduct courtyard meetings, simulations, drills etc. when support by donors is available.		
	The first Hazard Map was prepared in 1998 to identify disaster risk at upazila level. Several unions have emergency disaster preparedness equipment and emergency warehouses for stockpiled materials in the event of a disaster, and they are not functioning well due to a lack of coordination. Critical infrastructure facilities in the district are listed. Few classifications of hazards and priorities by disaster type has been made.		
	Type	Undertaken	Agency
	Publication of DRR Maps	Unknown	DDM
	Material and emergency goods in the Warehouse	✓	DDM
	Inventory preparation on vulnerable infrastructure such as hospitals, water wells, and schools based on the risk map	Unknown	UDD/PWD/FSCD/ DMC
	Disaster preparedness education in school	Unknown	DoPE/DoEE
	DRR Awareness Related Billboard	Unknown	DDM/BDRCS

5.2 Prioritized projects for DRR Target

In consideration of the hazard and risk assessment results in Chapter 3 and 4 as well as the current status and issues of the DRR countermeasures in Chapter 5.1, this Chapter describes the policies of DRR countermeasures by category. Furthermore, along with the strategy, concrete proposals of the DRR countermeasures are collected from the communities and implementing agencies, analyzed and prioritized by category, which are shown in the Attachment 1 including the prioritization (priority unions) with red highlights. The processes to propose these projects were as follows.

- The needs of Union Parishad were organized at the LDRRP development workshop held from June to October 2022.
- Existing projects, pipeline projects, and new projects of the implementing agencies were identified at the workshop and by collecting information from the implementing agencies.
- Information on Union Parishad's needs from the line ministries was reviewed and the correspondence between their projects and Union Parishad's needs was validated.

With the aim to achieve the DRR target (Mission), the UzSC will encourage the project implementing agencies to include the proposed projects in their own plans and to implement them.

The legend of the proposed project list (See Attachment 1) is shown below.

Table 5-3. Legend of the proposed project list

Plan Status	Description			
	Status of the Project	F/S	DPP approved	ADP
	<Continuing> Project	+	+	+
	<Pipeline> Project	+/-	-	-
	<New> Project	-	-	-
	Unknown	-	-	-
	"Unknown" indicates "Union's needs" which has not yet been identified by line ministries			
ID	Identification number in this Plan			
Type of Need	Required work such as repair, rehabilitation or new construction proposed			
Length	The length of the individual infrastructures such as embankments and roads in case that the scale of the infrastructure is important information.			
Official ID Number	ID by line agency in case of projects that are already identified by line agency			
Official Name of Countermeasures	Official project name used by the implementing agency, such as DDM, BWDB or LGED			
Proponents	The length of the countermeasure that was proposed by local people, line ministries or other stakeholders etc.,			
Direct Beneficiaries/Interests to be protected	The beneficiary Union Parishads and wards along the installed countermeasures.			
Estimated cost for Countermeasures	The rate and unit price provided by every line department such as LGD, DDM, BWDB. It is shown in Lakh Tk.			
Implementation Time Frame	Short-term Project; Mid-Term Project; or Long-Term Project			
Vulnerability level	Those categories are based on the information by line agencies. High Priority: Project in highly vulnerable Union Parishads. Medium Priority: Project in vulnerable Union Parishads. Low Priority: Project in less vulnerable Union Parishads.			
Remarks	"What to do or what has been done" such as DPP approval or next step of this proposal such as feasibility study			

5.2.1 Prioritized Structural Countermeasures

(1) Infrastructures for Protection and Control against floods

As shown in the flood hazard map in Chapter 3.1.1, and the flood risk assessment results in Chapter 4.1.1, the areas along the Bakkhali River are most flood prone, especially Patali Machhuakhali Union due to its location and low-lying condition. In order to reduce flood disaster risk in this Upazila, strengthening the flow carrying capacity of Bakkhali River with embankment and other improvement works should be prioritized. Apart from them, drainage management works including sluice gate and canal excavation in flood prone areas such as Patali Machhuakhali, Cox's Bazar Paurashava and Jhiliwanja are also highly required. The category of the project for flood prevention and mitigation are shown below. Although there are some types of countermeasures that have not been proposed by communities and line agencies currently, it is necessary to clarify the responsible agencies and implementing policies and to subsequently take actions to implement them.

- Embankment/dyke
- Other river improvement (e.g., Widening and Deepening)
- Sluice gate
- Retarding basin/reservoir
- Drainage Facilities (e.g., Pumping Station)

The map below shows infrastructures for flood prevention and mitigation, where the higher priority are put as DRR targets in the plan are the high-risk area highlighted in red (shown in Chapter 4). The proposed project list of each countermeasure by category are shown in Attachment 1.

In addition, as shown in the hazard maps for the 50-year and 100-year probability floods in 3.1.1, there is a possibility that there will be a flood of a magnitude greater than the target level in this plan. In such an event, it will be important to protect human life by expanding non-structural measures (see Chapter 5.2.2 for more detail).

Also, in the future, flood management infrastructure projects should be developed at a higher safety level than that is adopted in the Plan from a long-term perspective. It might be necessary to establish a safety level such as a 50-year or 100-year probability flood scale, which should be determined according to the development status of the region. Possible measures to achieve such a higher safety level include further widening of main channels, diversion of flood waters through construction of diversion channel and reduction of flood flows through construction of retarding basin in the upper reaches of the river, in addition to the development of said non-structural measures. The possibility of these measures should be examined taking into account the hydrological, topographic and geological characteristics of target areas as well as social and environmental conditions.

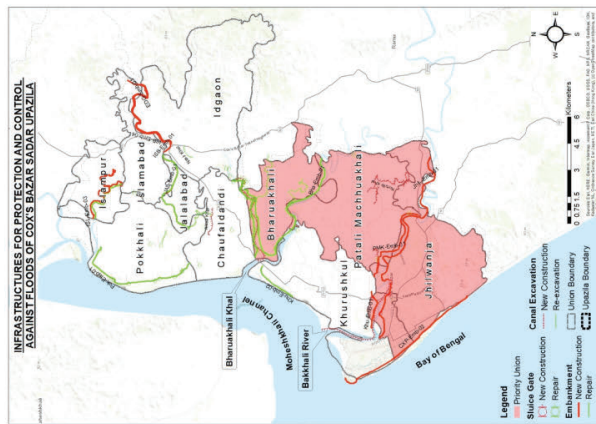


Figure 5-1. Priority Union for Countermeasure to Reduce Risk by Flood

(2) Infrastructures for Protection and Control against Coastal Disasters

The vulnerable areas to inundation by the storm surge are along the Bakkhali River, Bharuakhali Khal, Moheshkhali Channel, and the area surrounding the airport due to its low-lying characteristic and the location near the river mouth of the Bakkhali River. To reduce the disaster risks in this Upazila, the mitigation of inundation in these areas should be prioritized, through the construction of river seawalls/guide walls near the river mouth of the Bakkhali River, and the construction of river embankments along the Bakkhali River and Bharuakhali Khal to prevent river from overtopping when seawater runs up through the rivers. Storm surge countermeasure in low-lying area needs to ensure enough elevation of coastal structure such as dyke, revetment, and seawall. At the moment, 20-year probability storm surge level should be applied for development of coastal structure in Bangladesh. The category of the project for protection and control against coastal disasters are shown below.

- a) Dyke(polder)/coastal revetment
- b) Seawall/guide wall

The map below shows infrastructures for protection and control against coastal disaster. Highlighted in red are the high-risk areas where this plan puts priority as DRR targets (shown in Chapter 4). The proposed project list of each countermeasure by category are shown in Attachment 1.

In addition to this, as shown in the hazard maps for the 50-year and 100-year probability storm surge (see Chapter 3.3.2.), a storm surge greater than the target level in the plan can be considered for the future. In such an event, both structural and non-structural measures should be examined. If structural measures are considered, the elevation of coastal revetments should be heightened and their lengths should be extended, compared with that of the 20-year probability level. It is also important to protect human life by expanding non-structural measures introduced in Chapter 5.2.2.

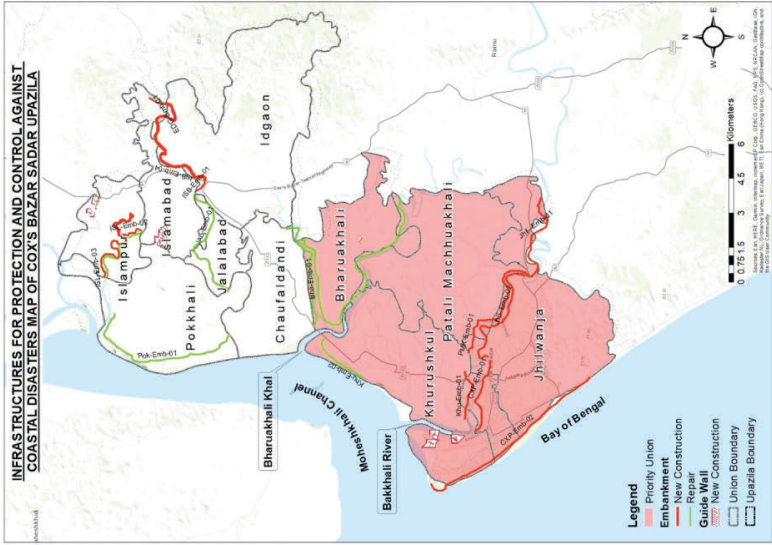


Figure 5-2. Priority Union for Countermeasure to Reduce Risk by Storm Surge

(3) Infrastructures for Protection and Control against Sediment Disasters

The result of risk assessment shows that sediment disaster risk (slope failure) is mainly concentrated around Jhiliwanja Union, especially Jhiliwanja Union Parishads. The main reason causing the risk are the steep slopes left unprotected due to construction of roads and houses and buildings. The plan, therefore, proposes the new construction of retaining walls along vital roads of the area to ensure the safety of Union people passing through these roads. A retaining wall is a relatively rigid wall that retains (holds back) any material (usually earth) and prevents it from sliding or eroding away. It is designed so that to resist the lateral pressure of the material that is holding back. The category of the project for protection and control against sediment disasters are shown below.

- a) Slope stabilization/Retaining walls
- b) Rock-fall prevention

The map below shows infrastructures for protection and control against sediment disaster, highlighted by red color the high-risk area where this plan put priority as DRR target (shown in Chapter 4). The proposed project list of each countermeasure by category are shown in Attachment 1.

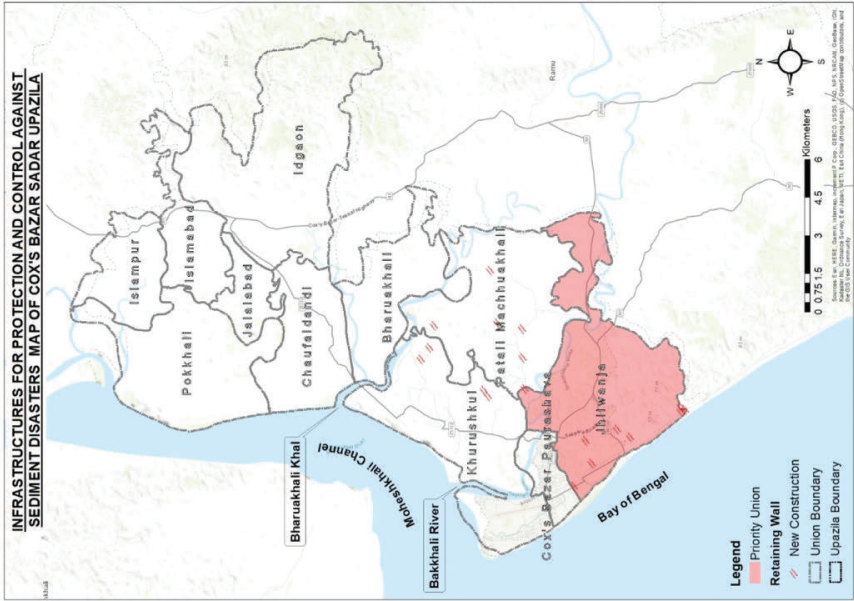


Figure 5-3. Priority Union for Countermeasure to Reduce Risk by Sediment Disaster

(4) Structural Measures against Earthquake Shaking

- a) Compliance with the building code (BNBC-2020)
- b) Building Assessment (Seismic Diagnosis)
- c) Retrofitting of important facilities and infrastructure

There is currently no proposed project for structural measures against earthquake shaking by line ministries and communities so far. However, seismic diagnosis as well as retrofitting of existing important facilities (e.g., schools, hospitals, shelters) and infrastructure (e.g., bridges, roads, embankments/dykes) are required in advance, for saving lives and evacuation during and after the earthquakes. At the same time, it is significant to promote complying with BNBC2020 with official instructions and monitoring when constructing new buildings.

(5) Infrastructures for Emergency Operations

According to the risk assessment results, Cox's Bazar Paurashava, Jhiliwanja, Patali Machhuakhali, Pokhali, Chaurfaldandi, Bharuakhali, and Khurushkul Unions are relatively high-disaster-prone areas in this Upazila. Although emergency operations are significant in all Upazilas and should be functional in the whole of the administrative area, this plan prioritizes to propose the improvement of the infrastructures for emergency operations in such highly disaster-prone areas first. Specifically, shelters need to be sited in safer sites and have the capacities of all expected evacuees in each above union. It is also significant to consider introducing multi-purpose shelters that can be utilized as schools and community centers in normal times, when newly constructing or maintaining shelters. Regarding public infrastructures, main roads and bridges connecting important facilities between unions, such as Khurushkul UP office Khurushkul GC road (Khurushkul DC Road) (LGED ID-422243014), and the bridge of Eid Goan G.C at Majipara-Pokkhali (Faraze Para Road) (LGED ID-422243002), should be constructed or appropriately maintained with the sufficient widths for emergency operation during the disasters. The improvement of culverts, drains, and other facilities for water is also necessary in inundation-prone areas to drain the water to mitigate the stagnant water, which lead to smooth recovery and consequently mitigate infectious diseases.

The category of the project for infrastructures for emergency operations are shown below;

- a) Shelters
- b) Roads
- c) Bridges
- d) Culverts
- e) Drains
- f) Facilities for water [e.g., Tube well, Pipeline and sanitation (Latrine)]
- g) Other infrastructures and facilities for emergency operations

The map below shows infrastructures for emergency operation, highlighted in red are the high-risk areas where this plan puts priority as DRR targets (shown in Chapter 4). The proposed project list of each countermeasure by category are shown in Attachment 1.

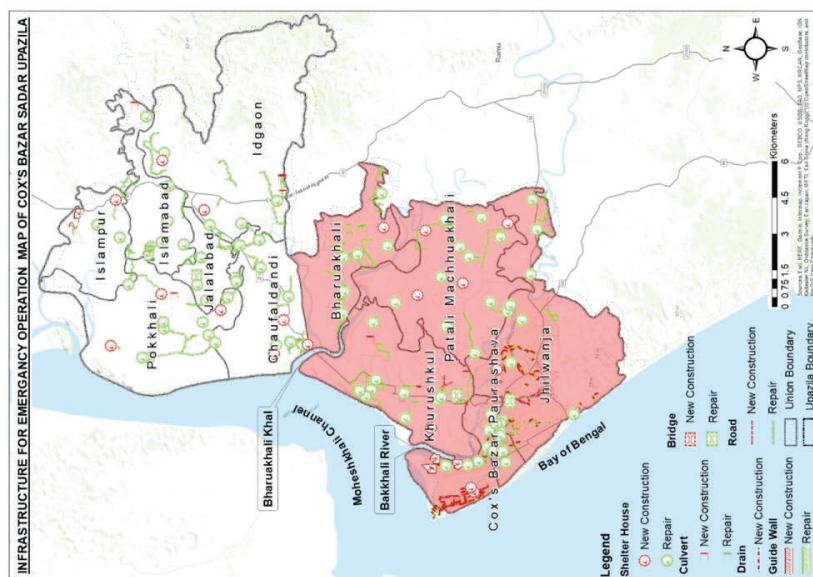


Figure 5-4. Location of Infrastructures for emergency operation

(6) Infrastructures for Prevention of Other disasters

a) Lightning Conductor

Currently, there is no projects for installing lightning conductors that have been planned or were proposed by line ministries and local communities. It is necessary to also consider introducing the countermeasure, clarify the responsible agencies of the countermeasures, and to subsequently take actions to execute them.

5.2.2 Needed Non-Structural Countermeasures

Non-structural countermeasures have been relatively promoted in the Upazila, specifically early warning information and communication, disaster management training and materials, and raising public awareness and disaster education as shown in the Chapter 5.1. However, in consideration of the possibility of large-scale disasters such as 50-year or 100-year return period floods and storm surge (see Chapter 3.1) as well as the residual (remaining) risks of proposed structural countermeasures, it is required to promote improving non-structural countermeasures, specifically evacuation plans (e.g., consideration of the location of the shelter and its capacity, evacuation roads) and early warning systems, at the same time with structural countermeasures. In addition, although land use regulations and controls have not been often seen in this Upazila, such drastic approach should be considered especially in severe high-disaster risk areas. The category of needed non-structural countermeasures are shown below, followed by the proposed project list of each countermeasure by category in Attachment 1.

(1) Land use planning (Cox's Bazar Development Authority/UDD)

- Urbanization Control
- Resettlement
- Designating Special Warning Areas

(2) Early Warning Information and Communication

- Installation of Monitoring System of Rainfall and Water level (Upazila/BWDB/BMD/BIWTA)
- Flood Forecasting and Warning System, including community radio (BWDB/FFWC/DDM/NGOs)
- Cyclone Warning System (CPP / NGOs)
- Strategy making and basic study for cropping, harvesting and choice of the variety adopted to global warming (DAE/DDM)
- Telecommunication system for search and rescue (BTRC/DDM)

(3) Disaster Management Training and materials

- Preparation of SOP for emergency operations (DDM)
- Simulation and exercise (DDM)
- Evacuation drill/shelter and evacuation route (DDM)
- Training on DRR (DDM/BDRC)
- Preparation for the emergency operation (DDM/FSCD/DGHS/MOHFW/Donors)

(4) Raising Public Awareness and Disaster Education

- Publication of DRR Maps (DDM)
- Materials and emergency goods in the warehouses (DDM/DPHE)
- Inventory preparation on vulnerable infrastructures (DMC)
- Disaster preparedness education in schools
- DRR awareness related billboards (DDM)

(5) Other non-structural countermeasures

There are few projects related to the above countermeasures that were proposed by line ministries and local communities, which are shown in Attachment 1. In order to further promote disaster risk reduction in the collaboration of structural and non-structural countermeasures, it is necessary to clarify the responsible agencies and implementing policies of the non-structural measures that had not been implemented or even proposed, and to subsequently take actions to execute them.

5.3 Monitoring and Updating of the Plan

For the appropriate implementation of the projects by project implementing agencies, this plan is to be monitored and updated by UzSC supported by TSC in the following steps.

Step 1: The UzSC in coordination with TSC will check the status (rate of progress) of the prioritized projects annually, one year and two or three years after their development.

Table 5-4. Project Status

Status	F/S	DPP approved	ADP	Annual Budget
Continuing Project	+	+	+/-	+/-
Pipeline Project	+/-	-	-	-
New Project	-	-	-	-
Unknown	-	-	-	-

Step 2: The TSC will confirm the effectiveness of existing projects and the need for new proposed projects including the proposal mentioned in 5.2.

Step 3: For those areas where the need for feasibility studies has been identified, the implementing agencies will hold preparatory discussions for the preparation of a DPP, including obtaining the budget for feasibility studies, and report back to the TSC.

Step 4: Based on the findings after the TSC meeting, the UzSC will re-examine the need for new proposals once a year.

Step 5: If any changes are identified, the UzSC will update the plan.

The conceptual model of the monitoring and updating the plan is proposed as shown below.

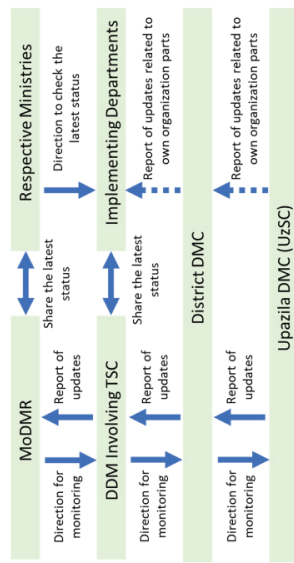


Figure 5-5. Conceptual diagram for monitoring and updating the plan

Attachment 1: Proposed countermeasure list

Attachment 2: Member lists of UzDMC and UzSC

Attachment 3: Activity photos

Attachment 1: Proposed Countermeasures List (Priority Unions (identified in Chapter 4.3) are highlighted in red color)

(1) Infrastructures for Protection and Control against flood

a) Embankment/dyke

Projects by BWDB

ID	TYPE OF NEED	UNION	LENGTH	Official Countermeasures ID Number	Official Name of (new/continuing) project/undertaken	Plan Status	Propionents	Estimate of cost (Taka)	Implementation Time Frame	Priority	Remarks
Khu-01	Embankment	Khiruskul Union	2210	-	-	Completed	Embankment Reconstruction (6.7 km + 6.75km)	3.485 km (Proposed from local People)	Short Term	High	BWDB verified and validated that the embankment work almost completed
ISL-01	Repair & Renovation	Islampur	3485	-	-	Continuing	Embankment Repair & Renovation (Proposed from local People)	0.631 km (Proposed from local People)	Short Term	High	BWDB verified and validated that the embankment work is already ongoing. Need to take
ISL-01	Repair	Islambad	631	-	-	Continuing	Embankment Repair (Proposed from local People)	0.631 km (Proposed from local People)	Short Term	High	BWDB verified and validated that the embankment work is already ongoing. Need to take
Pub-01	Repair & New Construction	Pokkhali	7425	-	-	Continuing	Embankment Repair & New Construction (Proposed from local People)	7.425 km (Proposed from local People)	Short Term	High	BWDB verified and validated that the embankment work is already ongoing. Need to take
JAL-01	Repair	Jalilabad	5644	-	-	Continuing	Embankment Repair (Proposed from local People)	5.644 km (Proposed from local People)	Short Term	High	BWDB verified and validated that the embankment work is already ongoing. Need to take
CHC-01	Repair	Chaulidandi	5367	-	-	Continuing	Embankment Repair (Proposed from local People)	5.367 km (Proposed from local People)	Short Term	High	BWDB verified and validated that the embankment work is already ongoing. Need to take
Bha-01	Repair	Bharuakhali	11870	-	-	New	Embankment Repair (Proposed from local People & BWDB)	11.87 km (Proposed from local People & BWDB)	Short Term	High	BWDB verified and validated that the embankment work is already ongoing. Need to take
Khu-02	New Construction	Khiruskul Union	2575	-	-	New	Embankment Reconstruction (Proposed from local People & BWDB)	2.575 km (Proposed from local People & BWDB)	Short Term	High	BWDB verified and validated that the embankment work is already ongoing. Need to take
JAL-02	Repair	Jhilwaja	5942	-	-	New	Embankment New construction (Proposed from local People & BWDB)	5.942 km (Proposed from local People & BWDB)	Mid Term	High	BWDB verified and validated that the embankment work is already ongoing. Need to take
CR-01	Repair	Cox's Bazar Paurashava	3402	-	-	New	Embankment New construction (Proposed from local People & BWDB)	3.402 km (Proposed from local People & BWDB)	Mid Term	High	BWDB verified and validated that the embankment work is already ongoing. Need to take
JAL-01	Repair	Jhilwaja	4473	-	-	New	Embankment New construction (Proposed from local People & BWDB)	4.473 km (Proposed from local People & BWDB)	Mid Term	High	BWDB verified and validated that the embankment work is already ongoing. Need to take

CATEGORY	ID	TYPE OF	NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/pipeline/undecided)	Proponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Lac Tk)	Implementation Time Frame	Priority in Terms of Hazard	Remarks
Canal Excavation	EDG-CE-01	Repair	Idgion	Idgion	835	-	Canal Excavation OL, Para Khal	New	0.835 km Canal Re-excavation or Repair (Proposed from Local People)	Ward-02 of Idgion union	25	Mid Term	Medium	Detailed Design Required
Canal Excavation	Pok-CE-01	Repair	Pokkhali	Pokkhali	798	-	Canal Excavation OL, Para Khal	New	2.435 km Canal Re-excavation or Repair (Proposed from Local People)	Pokkhali Union	200	Mid Term	High	Detailed Design Required
Canal Excavation	Pok-CE-02	Repair	Pokkhali	Pokkhali	2436	-	Canal Excavation OL, Nakkandla Murun Godar Khal	New	2.435 km Canal Re-excavation or Repair (Proposed from Local People)	Pokkhali Union	500	Mid Term	High	Detailed Design Required
Canal Excavation	CE-01	Repair	Bharuakhali	Bharuakhali	3363	-	Canal Excavation OL, Kadirchara Khal	New	3.363 km Canal Re-excavation or Repair (Proposed from Local People)	Bharuakhali Union	550	Mid Term	Medium	Detailed Design Required
Canal Excavation	CE-02	Repair	Bharuakhali	Bharuakhali	3224	-	Canal Excavation OL, Bharuakhali Koirchar Khal	New	3.224 km Canal Re-excavation or Repair (Proposed from Local People)	Bharuakhali Union	500	Mid Term	Medium	Detailed Design Required
Canal Excavation	Can-2	Repair	Chauladandi	Chauladandi	1613	-	Canal Excavation OL, Khal	New	1.613 km Canal Re-excavation or Repair (Proposed from Local People)	Chauladandi Union	375	Mid Term	High	Detailed Design Required

Projects by LGED

CATEGORY	ID	TYPE OF	NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/pipeline/undecided)	Proponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Lac Tk)	Implementation Time Frame	Priority in Terms of Hazard	Remarks
Canal Excavation	JAL-CE-01	Proposed	Jalabadd	Jalabadd	5606	-	Canal Excavation OL, Baharchara Forest Para	Unknown	5.606 km Canal Re-excavation (Proposed from Local People)	Ward 1, 2, 3, 4, 5 of Jalabadd union	144	Mid Term	Medium	USC must request to the BWDB district office, to include the BWDB development plan considering all technical issues
Canal Excavation	Can-1	Proposed	Chauladandi	Chauladandi	6279	-	Canal Excavation OL, Kallidhora River, from Kallidhora to Chowadandi Bridge	Continuing	8.00 km Canal Re-excavation (Proposed from Local People)	Ward 1, 2, 8 and 9 of Chauladandi union	144	Mid Term	Medium	BWB verified and validated that proposal need to take initiative from the technical committee
Canal Excavation	Can-2	Proposed	Patil	Patil	1974	-	Canal Excavation OL, Patil Khal	New	1.974 km Canal Re-excavation (Proposed from Local People)	Ward-05/07 of Patil union	161	Mid Term	Medium	BWB verified and validated that proposal need to take initiative from the technical committee
Canal Excavation	Can-3	Proposed	Patil	Patil	4752	-	Canal Excavation OL, Patil Khal	New	4.752 km Canal Re-excavation (Proposed from Local People)	Ward-05 of Patil union	952	Mid Term	High	BWB verified and validated that proposal need to take initiative from the technical committee
Canal Excavation	Ku-Exc-01	Construction	Khumtuli	Khumtuli	5626	-	Canal Excavation OL, River Khumtuli Govt Shelter Project to Patil	New	5.626 km Canal Re-excavation (Proposed from Local People)	Ward 8 & 5 of Khumtuli union	1,125	Mid Term	High	BWB verified and validated that proposal need to take initiative from the technical committee

Attachment 1-2

CATEGORY	ID	TYPE OF	NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/pipeline/undecided)	Proponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Lac Tk)	Implementation Time Frame	Priority in Terms of Hazard	Remarks
Canal Excavation	Can-1	Proposed	Patil	Patil	1696	-	Canal Excavation OL, Para Khal	New	1.696 km Canal Re-excavation (Proposed from Local People)	Ward-01 of Patil union	51	Mid Term	High	BWB verified and validated that proposal need to take initiative from the technical committee
Canal Excavation	Can-3	Proposed	Patil	Patil	4752	-	Canal Excavation OL, Patil Khal	New	4.752 km Canal Re-excavation (Proposed from Local People)	Ward-05 of Patil union	952	Mid Term	High	BWB verified and validated that proposal need to take initiative from the technical committee
Canal Excavation	Ku-Exc-01	Construction	Khumtuli	Khumtuli	5626	-	Canal Excavation OL, River Khumtuli Govt Shelter Project to Patil	New	5.626 km Canal Re-excavation (Proposed from Local People)	Ward 8 & 5 of Khumtuli union	1,125	Mid Term	High	BWB verified and validated that proposal need to take initiative from the technical committee

b) Other river improvement (e.g., Widening and Deepening)

ID	TYPE OF	NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/pipeline/undecided)	Proponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Lac Tk)	Implementation Time Frame	Priority in Terms of Hazard	Remarks
PM-Emb-01	Repair	Repair	Patil	5668	-	R/S 14.3 KM	New	Enlargement New construction (Proposed from Local People & BWDB)	Patil, Mardhakhal	3,281	Mid Term	High	BWB verified and validated that the enlargement needs to be new construction at full length (14.3 km) with protection work. Need to take initiative from the technical committee.
ISB-Emb-04	Repair	Repair	Isanabhad	6874	-	End of the Podder 66/3 (Para Para)	Unknown	6.874 km New Enlargement (Proposed from local People)	Isanabhad Union	4,124	Mid Term	Low	USC must request to the BWDB district office, to include the BWDB development plan considering all technical issues.
ISL-Emb-03	Repair & Renovation	Repair & Renovation	Isanapur	5639	-	From Isanapur Public Model School to Katsiraphothra	Unknown	5.639 km New Enlargement (Proposed from local People)	Podkhal,Campwadi and Isanapur	3,383	Mid Term	Low	USC must request to the BWDB district office, to include the BWDB development plan considering all technical issues.
ESL-Emb-01	Repair	Repair	Idegon	6185	-	Bridge to Wajong Chona	Unknown	6.185 km New Enlargement (Proposed from local People)	Podkhal,Campwadi and Isanapur	3,711	Mid Term	Low	USC must request to the BWDB district office, to include the BWDB development plan considering all technical issues.
ISL-Emb-02	Repair & Renovation	Repair & Renovation	Isanapur	3071	-	From Isanapur Public Model School to Tadi Tadi Factory	Unknown	3.071 km New Enlargement (Proposed from local People)	Podkhal,Campwadi and Isanapur	1,843	Mid Term	Low	USC must request to the BWDB district office, to include the BWDB development plan considering all technical issues.

ID	TYPE OF NEED	UNION	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. New/continuing/pending/unfunded)	Proponents	Direct Beneficiaries (persons to be protected)	Estimated cost (Taka)	Implementation Time Frame	Priority Hazard Analysis	Remarks
Pok-Slu-01	Repair	Pokkhali	-	Regulator (3.960km)	Continuing	From Local People	Ward-04 of Pokkhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Pok-Slu-02	Repair	Pokkhali	-	R-7 (V) (18.300km)	Continuing	From Local People	Ward-04 of Pokkhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Pok-Slu-03	Repair	Pokkhali	-	R-6 (V Damaged) (15.550km)	Continuing	From Local People	Ward-04 of Pokkhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Pok-Slu-05	Repair	Pokkhali	-	R-5 (V) (13.450km)	Unknown	From Local People	Ward-06 of Pokkhali Union	50	Mid Term	Low	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Pok-Slu-07	Repair	Pokkhali	-	R-2 (V) (12.370km)	Continuing	From Local People	Ward-08 of Pokkhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Pok-Slu-08	Repair	Pokkhali	-	Inlet (11.590km)	Continuing	From Local People	Ward-08 of Pokkhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
EDG-Slu-01	Repair	Idagun	-	S25	New	From Local People	Ward-06 of Idagun Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
EDG-Slu-02	Repair	Idagun	-	S26 (1.000km)	Continuing	From Local People	Ward-05 of Idagun Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
CHO-Slu-3	Repair	Chauladandi	-	Inlet-4 (km5.936)	Continuing	From Local People	Chauladandi	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
CHO-Slu-4	Repair	Chauladandi	-	S-29 (V) (5.600km)	Continuing	From Local People	Ward-02 of Chauladandi Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Bha-Slu-02	Repair	Bharukhali	-	R11	New	From Local People	Ward-1 of Bharukhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Bha-Slu-03	Repair	Bharukhali	-	S20A	New	From Local People	Ward-1 of Bharukhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Bha-Slu-05	Repair	Bharukhali	-	S18	New	From Local People	Ward-6 of Bharukhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee

Attachment 1-5

ID	TYPE OF NEED	UNION	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. New/continuing/pending/unfunded)	Proponents	Direct Beneficiaries (persons to be protected)	Estimated cost (Taka)	Implementation Time Frame	Priority Hazard Analysis	Remarks
Pok-Slu-04	Repair	Pokkhali	2621006	EP-5-1 (V) (14.650KM)	Continuing	From Local People	Ward-06 of Pokkhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Pok-Slu-09	Repair	Pokkhali	2621006	S-5-2 (V) (11.423km)	Continuing	From Local People	Ward-09 of Pokkhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
CHO-Slu-5	Repair	Chauladandi	2621006	Inlet-3 (4.900km)	Continuing	From Local People	Chauladandi Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
CHO-Slu-11	Repair	Chauladandi	2621006	WCS (km 1.680)	Continuing	From Local People	Chauladandi Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
CHO-Slu-14	Repair	Chauladandi	2621005	Package-10 (2-V) (10.337km)	Continuing	From Local People	Chauladandi Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Bha-Slu-01	Repair	Bharukhali	2621005	S20B	New	From Local People	Ward-1 of Bharukhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Bha-Slu-04	Repair	Bharukhali	2621005	S20	New	From Local People	Ward-6 of Bharukhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Bha-Slu-11	Repair	Bharukhali	2621005	S23A	New	From Local People	Ward-5 of Bharukhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Bha-Slu-12	Repair	Bharukhali	2621005	S23	New	From Local People	Ward-4 of Bharukhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Bha-Slu-14	Repair	Bharukhali	2621005	S24	New	From Local People	Ward-4 of Bharukhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Bha-Slu-15	Repair	Bharukhali	2621005	S24A	New	From Local People	Ward-4 of Bharukhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee
Bha-Slu-21	Repair	Bharukhali	2621005	S16	New	From Local People	Ward-2 of Bharukhali Union	50	Short Term	High	BWB verified and validated that the Maintenance work is already ongoing, but need to take initiative from the technical Committee

c) Sluice gates
Projects by BWDB

Attachment 1-7

ID	TYPE OF MEED	UNION	Official Number	Official Name of Countermeasures	Plan Status (e.g. New/continuing/obsolete/unfunded)	Proponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Lak. Tk.)	Implementation Time Frame	Priority	Remarks
Bh-Su-08	Repair	Bharuakhali	-	5218	Continuing	Rehabilitation (Proposed from Local People)	Ward-5 of Bharuakhali Union	50	Short Term	High	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
Bh-Su-09	Repair	Bharuakhali	-	521	Unknown	Rehabilitation (Proposed from Local People)	Ward-5 of Bharuakhali Union	150	Short Term	Low	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
Bh-Su-10	Repair	Bharuakhali	-	522	Unknown	Rehabilitation (Proposed from Local People)	Ward-5 of Bharuakhali Union	150	Short Term	Low	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
Bh-Su-13	Repair	Bharuakhali	-	5238	Unknown	Rehabilitation (Proposed from Local People)	Ward-4 of Bharuakhali Union	150	Short Term	Low	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
Bh-Su-16	Repair	Bharuakhali	-	5248	Unknown	Rehabilitation (Proposed from Local People)	Ward-3 of Bharuakhali Union	150	Short Term	Low	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
Bh-Su-18	Repair	Bharuakhali	-	5188	Unknown	Rehabilitation (Proposed from Local People)	Ward-3 of Bharuakhali Union	150	Short Term	Low	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
Bh-Su-19	Repair	Bharuakhali	-	5178	Unknown	Rehabilitation (Proposed from Local People)	Ward-3 of Bharuakhali Union	150	Short Term	Low	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
Id-Su-01	New Construction	Islampur	2621006	Improved (2-V) km 18.800	Continuing	Reconstruction (Proposed from Local People)	Ward-09 of Islampur Union	100	Short Term	High	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
Id-Su-02	New Construction	Islampur	2621006	S-031-V) km 18.670	Continuing	Reconstruction (Proposed from Local People)	Ward-09 of Islampur Union	50	Short Term	High	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
Cx-Su-02	Proposed	Paurashava CB	-	Sluice Gate, Godar para-Vard-06, Cox's Bazar, Paurashava Engineering Department)	Unknown	New construction (Proposed from Paurashava Engineering Department)	Ward-06 of CB Paurashava	100	Mid Term	Medium	USC must request to the BWB district office, to include the BWB development plan considering all technical issues.
Cx-Su-03	Proposed	Paurashava CB	-	Proposed Sluice Gate, Ward-05,06 Paurashava Engineering Department)	Unknown	New construction (Proposed from Paurashava Engineering Department)	Ward-05,06 of CB Paurashava	100	Mid Term	Medium	USC must request to the BWB district office, to include the BWB development plan considering all technical issues.
Cx-Su-04	Proposed	Paurashava CB	-	Sluice Gate, Pekar Para Ward-04	Unknown	New construction (Proposed from Paurashava Engineering Department)	Ward-04 of CB Paurashava	100	Mid Term	Medium	USC must request to the BWB district office, to include the BWB development plan considering all technical issues.
Khu-Su-01	New Construction	Kharuakhali	-	College Sluice gate	Unknown	Reconstruction (Proposed from Local People)	Ward-9 Kharuakhali Union	100	Mid Term	Medium	USC must request to the BWB district office, to include the BWB development plan considering all technical issues.

Attachment 1-6

ID	TYPE OF MEED	UNION	Official Number	Official Name of Countermeasures	Plan Status (e.g. New/continuing/obsolete/unfunded)	Proponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Lak. Tk.)	Implementation Time Frame	Priority	Remarks
Bh-Su-06	Repair	Bharuakhali	-	5184	New	Rehabilitation (Proposed from Local People)	Ward-6 of Bharuakhali Union	50	Short Term	High	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
Bh-Su-07	Repair	Bharuakhali	-	5214	Continuing	Rehabilitation (Proposed from Local People)	Ward-5 of Bharuakhali Union	50	Short Term	High	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
Bh-Su-17	Repair	Bharuakhali	-	525	New	Rehabilitation (Proposed from Local People)	Ward-3 of Bharuakhali Union	50	Short Term	High	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
Bh-Su-20	Repair	Bharuakhali	-	517	New	Rehabilitation (Proposed from Local People)	Ward-2 of Bharuakhali Union	50	Short Term	High	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
PAK-Su-1	Repair	Patil Machhuakhali	-	Banglabazar Sluice Gate	Unknown	Rehabilitation (Proposed from Local People)	Ward-05 Patil Machhuakhali Union	50	Short Term	Medium	USC must request to the BWB district office, to include the BWB development plan considering all technical issues.
PAK-Su-2	Repair	Patil Machhuakhali	-	R15 (6-Vent)	New	Rehabilitation (Proposed from Local People)	Ward-07 Patil Machhuakhali Union	50	Short Term	High	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
Pok-Su-06	Repair	Pokhali	-	ElP-S-1 (1-V) km14.650	Continuing	Rehabilitation (Proposed from Local People)	Ward-08 of Pokhali Union	50	Short Term	High	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
CHO-Su-2	Repair	Chaulaidandi	-	Inter-4 (km 5.936)	Unknown	Rehabilitation (Proposed from Local People)	Ward-01 of Chaulaidandi Union	200	Short Term	Low	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
CHO-Su-6	Repair	Chaulaidandi	-	S-292-V) (5.600KM)	Unknown	Rehabilitation (Proposed from Local People)	Ward-02 of Chaulaidandi Union	200	Short Term	Low	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
CHO-Su-7	Repair	Chaulaidandi	-	Inter-3 (km 4.930)	Unknown	Rehabilitation (Proposed from Local People)	Ward-02 of Chaulaidandi Union	200	Short Term	Low	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
CHO-Su-8	Repair	Chaulaidandi	-	Inter-2 (km 3.335)	Unknown	Rehabilitation (Proposed from Local People)	Ward-02 of Chaulaidandi Union	200	Short Term	Low	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
CHO-Su-9	Repair	Chaulaidandi	-	S-271-V) (km 3.023)	Continuing	Rehabilitation (Proposed from Local People)	Ward-02 of Chaulaidandi Union	50	Short Term	High	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
CHO-Su-10	Repair	Chaulaidandi	-	Inter-1 (km 2.057)	Unknown	Rehabilitation (Proposed from Local People)	Ward-02 of Chaulaidandi Union	150	Short Term	Low	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.
CHO-Su-12	Repair	Chaulaidandi	-	S-26 (km1.100)	Unknown	Rehabilitation (Proposed from Local People)	Ward-02 of Chaulaidandi Union	150	Short Term	Low	BWB verified and validated that the proposal is needed to replace. Need to take initiative from the technical committee.

Attachment 1-9

ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. new/continuing/pipe/undecided)	Propponents	Direct Beneficiary/Interests to be protected	Estimated cost (Lac TL)	Implementation Time Frame	Priority	Remarks
Pak-Emb-01	Repair	Matchuakhali	5.668	-	8/8 14.3 KM	-	New	People & BWDs	5.668 km Embankment (Proposed from local)	Mid Term	High	BWD verified and validated that the embankment needs to be constructed. Need to take initiative from the Technical Committee.
Jhi-Emb-01	Repair	Jhiwanja	4.473	-	8/8 14.3 KM	-	New	People & BWDs	4.473 km Embankment (Proposed from local)	Mid Term	High	BWD verified and validated that the embankment needs to be constructed. Need to take initiative from the Technical Committee.
Ch-Emb-01	Repair	Chaurahava	3.402	-	1/8 16.5 KM	-	New	People & BWDs	3.402 km Embankment (Proposed from local)	Mid Term	High	BWD verified and validated that the embankment needs to be constructed. Need to take initiative from the Technical Committee.
Jhi-Emb-02	Repair	Jhiwanja	5.942	-	1/8 16.5 KM	-	New	People & BWDs	5.942 km Embankment (Proposed from local)	Mid Term	High	BWD verified and validated that the embankment needs to be constructed. Need to take initiative from the Technical Committee.
Khu-Emb-02	New Construction	Khushkhal	2.575	-	66/1 Sea Dyke	-	New	People & BWDs	2.575 km Embankment Reconstruction (Proposed from local)	Short Term	High	BWD verified and validated that the embankment needs to be constructed. Need to take initiative from the Technical Committee.
Bha-Emb-01	Repair	Bharuakhali	11.870	-	Podder 66/2	-	New	Local People & BWDs	11.87 km Embankment Repair (Proposed from local)	Short Term	High	BWD verified and validated that the embankment needs to be constructed. Need to take initiative from the Technical Committee.
CHO-Emb-1	Repair	Chaurahandi	5.567	-	Podder 66/3 (Gomati)	-	Continuing	Local People	5.567 km Embankment Repair (Proposed from local)	Short Term	High	BWD verified and validated that the embankment needs to be constructed. Need to take initiative from the Technical Committee.
Jal-Emb-01	Repair	Jalabadi	5.644	-	Podder 66/3 (Gomati)	-	Continuing	Local People	5.644 km Embankment Repair (Proposed from local)	Short Term	High	BWD verified and validated that the embankment needs to be constructed. Need to take initiative from the Technical Committee.
Pok-Emb-01	Repair & New Construction	Pokhal	7.425	-	Podder 66/3 (Gomati)	-	Continuing	Local People	7.425 km Embankment Repair (Proposed from local)	Short Term	High	BWD verified and validated that the embankment needs to be constructed. Need to take initiative from the Technical Committee.

Attachment 1-8

ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. new/continuing/pipe/undecided)	Propponents	Direct Beneficiary/Interests to be protected	Estimated cost (Lac TL)	Implementation Time Frame	Priority	Remarks
ISB-Emb-01	Repair	Islamabad	6.31	-	Podder 66/3 (Khungha)	-	Continuing	People	6.31 km Repair (Proposed from local)	Short Term	High	BWD verified and validated that the embankment needs to be constructed. Need to take initiative from the Technical Committee.
ISL-Emb-01	Repair & Renovation	Islampur	3.485	-	Podder 66/3 (Khungha)	-	Continuing	People	3.485 km Embankment Repair (Proposed from local)	Short Term	High	BWD verified and validated that the embankment needs to be constructed. Need to take initiative from the Technical Committee.
Khu-Emb-01	New Construction	Khushkhal	2.210	-	Adhyan Dyke extension embankment (4.77 km + 6.75km)	-	Completed	People	2.210 km Embankment Reconstruction (Proposed from local)	Short Term	High	BWD verified and validated that the embankment needs to be constructed. Need to take initiative from the Technical Committee.
ISB-Emb-01	Repair	Islamabad	6.31	-	Podder 66/3 (Khungha)	-	Continuing	People	6.31 km Repair (Proposed from local)	Short Term	High	BWD verified and validated that the embankment needs to be constructed. Need to take initiative from the Technical Committee.

Projects by BWD

a) Dyke(polder) / Coastal reversionment

(2) Infrastructures for Protection and Control against Coastal Disaster

ID	TYPE OF NEED	UNION	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. new/continuing/pipe/undecided)	Propponents	Direct Beneficiary/Interests to be protected	Estimated cost (Lac TL)	Implementation Time Frame	Priority	Remarks
CH-SIL-13	Repair	Chauladandi	-	Embankment Adjacent Sluice Gate	-	New	Rehabilitation (Proposed from local People)	25	Mid Term	High	Detailed Design Required
CH-SIL-1	Repair	Chauladandi	-	Embankment Adjacent Sluice Gate	-	New	Rehabilitation (Proposed from local People)	25	Mid Term	High	Need to include in PPP
Pak-SIL-3	Repair	Matchuakhali	SP No. 23085	Crackula SP No. 23085	-	New	Repair on Office, Guide & Protection wall (Proposed from Upazila Office)	1000	Short Term	High	Detailed Design Required
CH-SIL-15	Repair	Chauladandi	SP No. 25245	Chauladandi SP No. 25245	-	New	Repair on Office, Guide & Protection wall (Proposed from Upazila Office)	1000	Short Term	High	Detailed Design Required
Pok-SIL-10	Repair	Pokhal	-	Repair on Office, Guide & Protection wall (Proposed from Upazila Office)	-	New	Repair on Office, Guide & Protection wall (Proposed from Upazila Office)	1000	Short Term	High	Detailed Design Required
ISB-SIL-01	Repair	Islamabad	-	West Bayrakhal Sluice Gate	-	Pipeline	Rehabilitation (Proposed from local People)	50	Mid Term	High	Need to take initiative from TSC

Project by LGED

CATEGORY	ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. (new/continuing/ pipeline/undefined)	Beneficiaries/Interests to be protected	Estimated cost (TAC)	Implementation Time Frame	Priority in Terms of Hazard Analysis	Remarks
Retaining Wall	RM-01	Proposed	Matchua	72	42245051	Garipara Rd.	New	72m New retaining wall (Proposed) from local People)	72	Mid Term	High	Detailed Design Required
Retaining Wall	RM-02	Proposed	Matchua	74	42245072	Charabha Nayapara Rd	New	74m New retaining wall (Proposed) from local People)	74	Mid Term	High	Detailed Design Required
Retaining Wall	RM-03	Proposed	Matchua	34	42245012	Kala para Rd	New	34m New retaining wall (Proposed) from local People)	34	Mid Term	High	Detailed Design Required
Retaining Wall	RM-04	Proposed	Matchua	54	42245013	P. M. Khati Nayp para Rd	New	54m New retaining wall (Proposed) from local People)	54	Mid Term	High	Detailed Design Required
Retaining Wall	RM-05	Proposed	Matchua	72	42245051	Garipara Rd.	New	72m New retaining wall (Proposed) from local People)	72	Mid Term	High	Detailed Design Required
Retaining Wall	RM-06	Proposed	Matchua	81	42245014	P. M. Khati Nayp para Rd	New	81m New retaining wall (Proposed) from local People)	81	Mid Term	High	Detailed Design Required
Retaining Wall	RM-01	Proposed	Matchua	185	42245262	Kalibut to Bhubulbar Rd	New	185m New retaining wall (Proposed) from local People)	185	Mid Term	High	Detailed Design Required
Retaining Wall	RM-02	Proposed	Matchua	332	42245240	Raila Khali to meacher 6 no project road	New	332m New retaining wall (Proposed) from local People)	332	Mid Term	High	Detailed Design Required
Retaining Wall	RM-03	Proposed	Matchua	59	42245015	Tetala village Road	New	59m New retaining wall (Proposed) from local People)	59	Mid Term	High	Detailed Design Required

Projects by LGED

(3) Infrastructures for Protection and Control against Sediment Disaster
a) Slope stabilization / Retaining Walls

CATEGORY	ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. (new/continuing/ pipeline/undefined)	Beneficiaries/Interests to be protected	Estimated cost (TAC)	Implementation Time Frame	Priority in Terms of Hazard Analysis	Remarks
Guide Wall	GP-01	Proposed	Paurashava	92	42245012	Kobostan Shilpo	New	92m Guide Wall New (Proposed) from local People)	92	Mid Term	Low	Detailed Design Required
Guide Wall	GP-02	Proposed	Paurashava	155	42245013	Kobostan Shilpo	New	155m Guide Wall New (Proposed) from local People)	155	Mid Term	Low	Detailed Design Required
Guide Wall	GP-03	Proposed	Paurashava	368	42245014	Kobostan Shilpo	New	368m Guide Wall New (Proposed) from local People)	368	Mid Term	Low	Detailed Design Required

Project by Cox's Bazar Paurashava

CATEGORY	ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. (new/continuing/ pipeline/undefined)	Beneficiaries/Interests to be protected	Estimated cost (TAC)	Implementation Time Frame	Priority in Terms of Hazard Analysis	Remarks
Guide wall	Guid-01	Proposed	Bhanuakhali	31	-	Guid Wall 01	New	31m Guide Wall New (Proposed) from local People)	31	Mid Term	High	Detailed Design Required

Project by BDM

Attachment 1-10

CATEGORY	ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. (new/continuing/ pipeline/undefined)	Beneficiaries/Interests to be protected	Estimated cost (TAC)	Implementation Time Frame	Priority in Terms of Hazard Analysis	Remarks
Guide Wall	Hi-Gui-01	Construction	Islampur	48	42245435	Shirajudda - Jumeagar road	New	48m Guide Wall (Proposed) from local People)	48	Mid Term	Low	Detailed Design Required
Guide wall	Hi-Gui-02	Construction	Islampur	99	(New) 42245409	Najhat Mazar via School Road	New	99m Guide Wall (Proposed) from local People)	99	Mid Term	Low	Detailed Design Required
Guide wall	Hi-Gui-03	Construction	Islampur	204	42245109	Balibhali East Dide Road	New	204m Guide Wall (Proposed) from local People)	204	Mid Term	Low	Detailed Design Required
Guide Wall	ISB-Gui-01	Repair	Islambad	815	42243019	Office/Chamapara bazar Road	New	815m Guide Wall (Proposed) from local People)	815	Mid Term	Low	Detailed Design Required

Project by LGED

b) Guide wall

ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. (new/continuing/ pipeline/undefined)	Beneficiaries/Interests to be protected	Estimated cost (TAC)	Implementation Time Frame	Priority in Terms of Hazard Analysis	Remarks
ISB-Emb-04	Repair	Islambad	6874	-	End of the Polder 66/3 (Bangladesha Canal)	Unknown	6,874 km New Embankment (Proposed) from local People)	6,874	Mid Term	Low	USC must request to the BWDB district office to take initiative from the Technical Committee.
ISB-Emb-03	Repair & Renovation	Islampur	5639	-	Model School to Rajshabha (Extension)	Unknown	5,639 km New Embankment (Proposed) from local People)	5,639	Mid Term	Low	USC must request to the BWDB district office to take initiative from the Technical Committee.
EDG-Emb-01	Repair	Idgaon	6185	-	From Islampur Public Range Office (Gonamati)	Unknown	6,185 km New Embankment (Proposed) from local People)	6,185	Mid Term	Low	USC must request to the BWDB district office to take initiative from the Technical Committee.
ISB-Emb-02	Repair & Renovation	Islampur	3071	-	Model School to Rajshabha (Extension)	Unknown	3,071 km New Embankment (Proposed) from local People)	3,071	Mid Term	Low	USC must request to the BWDB district office to take initiative from the Technical Committee.
ISB-Emb-02	Repair & Renovation	Islampur	8674	-	From Islampur Public Range Office (Gonamati)	Unknown	8,674 km New Embankment (Proposed) from local People)	8,674	Mid Term	High	USC must request to the BWDB district office to take initiative from the Technical Committee.

ID	TYPE OF NEED	UNION	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/pipeline/undecided)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Lac Tk)	Implementation Time Frame	Priority	Remarks
Isl-Shel-01	General & Good	Islampur	91412070504	Dhomonkhora Government Primary School cum Cyclone Shelter	Maintenance	New	Ward-08 of Islampur Union	30	Short Term	Medium	Detailed Design Required
Isl-Shel-02	New Construction	Islampur	91412070502	Night Mail Government Primary School cum Cyclone Shelter	Construction of Cyclone Shelter	New	Ward-07 of Islampur Union	750	Mid Term	High	Detailed Design Required
Isl-Shel-03	General & Good	Islampur	91412070501	School cum Cyclone Shelter	Maintenance	New	Ward-01 of Islampur Union	30	Short Term	High	Detailed Design Required
Isl-Shel-04	General & Good	Islampur	91412070503	Nakson Diga Government Primary School cum Cyclone Shelter	Maintenance	New	Ward-05 of Pokkali Union	30	Short Term	High	Detailed Design Required
Pok-Shel-01	Existing	Pokkali	91412070403	West Pokkali Government Primary School cum Cyclone Shelter	Maintenance	New	Ward-05 of Pokkali Union	30	Short Term	High	Detailed Design Required
Pok-Shel-03	Existing	Pokkali	91412070406	School cum Cyclone Shelter	Maintenance	New	Ward-04 of Pokkali Union	30	Short Term	High	Detailed Design Required
Pok-Shel-05	Existing	Pokkali	91412070402	Medium Pokkali Government Primary School cum Cyclone Shelter	Maintenance	New	Ward-03 of Pokkali Union	30	Short Term	High	Detailed Design Required
Pok-Shel-06	Existing	Pokkali	91412070401	East Pokkali Gov. Primary School cum Cyclone Shelter	Maintenance	New	Ward-02 of Pokkali Union	30	Short Term	High	Detailed Design Required
Pok-Shel-09	Existing	Pokkali	91412070405	West Gomati Government Primary School cum Cyclone Shelter	Maintenance	New	Ward-07 of Pokkali Union	30	Short Term	High	Detailed Design Required
Pok-Shel-11	Existing	Pokkali	91412070404	East Gomati Government Primary School cum Cyclone Shelter	Maintenance	New	Ward-09 of Pokkali Union	30	Short Term	High	Detailed Design Required
Isl-Shel-01	Existing	Islampur	91412070306	Construction of Wahader para- Cyclone Shelter	Construction of Wahader para- Cyclone Shelter	New	Ward-05 of Islampur Union	30	Short Term	High	Detailed Design Required
Isl-Shel-02	Existing	Islampur	91412070301	Gajjala Government Primary School cum Cyclone Shelter	Construction of Cyclone Shelter	New	Ward-09 of Islampur Union	30	Short Term	High	Detailed Design Required
Isl-Shel-03	Existing	Islampur	91412070302	Prasanna Khat Government Primary School cum Cyclone Shelter	Construction of Cyclone Shelter	New	Ward-02 of Islampur Union	30	Short Term	High	Detailed Design Required
Isl-Shel-04	Existing	Islampur	91412070304	Ida Khat Government Primary School cum Cyclone Shelter	Construction of Cyclone Shelter	New	Ward-04 of Islampur Union	30	Short Term	High	Detailed Design Required
Isl-Shel-05	Existing	Islampur	91412070303	Government Primary School cum Cyclone Shelter	Construction of Cyclone Shelter	New	Ward-06 of Islampur Union	30	Short Term	High	Detailed Design Required
Isl-Shel-06	Existing	Islampur	91412070305	Dokan Mait para Government Primary School cum Cyclone Shelter	Construction of Cyclone Shelter	New	Ward-03 of Islampur Union	30	Short Term	High	Detailed Design Required
Isl-Shel-07	Existing	Islampur	91412070302	Karimkhora Government Primary School cum Cyclone Shelter	Construction of Cyclone Shelter	New	Ward-05 of Islampur Union	30	Short Term	High	Detailed Design Required
Isl-Shel-08	Existing	Islampur	91412070301	Vomvira Ghona Government Primary School cum Cyclone Shelter	Construction of Cyclone Shelter	New	Ward-09 of Islampur Union	30	Short Term	High	Detailed Design Required

Project by LGED

(5) Infrastructures for Emergency Operations
a) Shelters

Attachment 1-12

CATEGORY	ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/pipeline/undecided)	Proponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Lac Tk)	Implementation Time Frame	Priority	Remarks
Retaining Wall	Ret-04	Khurakhi	122	42245015	Tetala village Road	New	Ward 01 of Khurakhi Union	122	Mid Term	High	Detailed Design Required	Remarks	
Retaining Wall	Ret-01	Jhikurakhi	263	42245003	Khurakhi Ghatpara Road	New	Ward 01 of Jhikurakhi Union	263	Mid Term	High	Detailed Design Required	Remarks	
Retaining Wall	Ret-02	Jhikurakhi	283	42245061	Jangpana Bhopanar	New	Ward 01 of Jhikurakhi Union	283	Mid Term	High	Detailed Design Required	Remarks	
Retaining Wall	Ret-03	Jhikurakhi	226	42245062	Mahupara pr-school	New	Ward 01 of Jhikurakhi Union	226	Mid Term	High	Detailed Design Required	Remarks	
Retaining Wall	Ret-04	Jhikurakhi	55	42245161	South Hekapara Road	New	Ward 01 of Jhikurakhi Union	55	Mid Term	High	Detailed Design Required	Remarks	
Retaining Wall	Ret-05	Jhikurakhi	243	42245183	Jai Gora, Babbar Ghona Landslide	New	Ward 01 of Jhikurakhi Union	243	Mid Term	High	Detailed Design Required	Remarks	
Retaining Wall	Ret-06	Khatia Mora	105	1	Khatia Mora Landslide Retaining Wall	New	Ward 09 of Khatia Union, from local Proposed	11	Mid Term	High	Detailed Design Required	Remarks	
CATEGORY <th>ID</th> <th>TYPE OF NEED</th> <th>UNION</th> <th>LENGTH</th> <th>Official ID Number</th> <th>Official Name of Countermeasures</th> <th>Plan Status (e.g., new/continuing/pipeline/undecided)</th> <th>Proponents</th> <th>Direct Beneficiaries/Interests to be protected</th> <th>Estimated cost (Lac Tk)</th> <th>Implementation Time Frame</th> <th>Priority</th> <th>Remarks</th>	ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/pipeline/undecided)	Proponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Lac Tk)	Implementation Time Frame	Priority	Remarks
Retaining Wall	Ret-01	CP- Ret-01	CB	539	G-1	Retaining Wall for Landslide, Bacha Mijar Ghona	New	Ward-07 of Cox's Bazar Paurashava	113	Mid Term	High	Detailed Design Required	Remarks
Retaining Wall	Ret-02	CP- Ret-02	CB	81	G-2	Retaining Wall for Landslide, Light House Para	New	Ward-11 of Cox's Bazar Paurashava	17	Mid Term	High	Detailed Design Required	Remarks
Retaining Wall	Ret-03	CP- Ret-03	CB	3453	G-3	Retaining Wall RBC Office to South Para Canal Bora Para	New	Ward-11 of Cox's Bazar Paurashava	1,381	Mid Term	High	Detailed Design Required	Remarks

Project by Cox's Bazar Paurashava

Project by BDM

ID	TYPE OF NEED	UNION	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. New/continuing/complete/unfunded)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (LC or Tk)	Implementation Time Frame	Priority	Remarks
10	PKK-Shet	Patil	99412030201	Ok Para Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-06 of Patil Union	15	Short Term	High	Detailed Design Required
11	PKK-Shet	Patil	99412030202	Ghona Para Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-04 of Patil Union	15	Short Term	High	Detailed Design Required
12	PKK-Shet	Patil	99412030203	Jimu Chhat Ghat Kuli para- Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-05 of Patil Union	15	Short Term	High	Detailed Design Required
13	PKK-Shet	Patil	99412030402	Chon Kolia Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-01 of Patil Union	15	Short Term	High	Detailed Design Required
01	PKK-Shet	Khurushul	99412030702	Dokan Khurushul Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-09 of Khurushul Union	15	Short Term	High	Detailed Design Required
04	PKK-Shet	Khurushul	99412030704	Maddom Khurushul Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-5 of Khurushul Union	15	Short Term	High	Detailed Design Required
05	PKK-Shet	Khurushul	99412030703	Khurushul Dhiven Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-6 of Khurushul Union	15	Short Term	High	Detailed Design Required
09	PKK-Shet	Khurushul	99412030705	Tetian Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-1 of Khurushul Union	30	Short Term	High	Detailed Design Required
10	PKK-Shet	Khurushul	99412030701	Khurushul Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-3 of Khurushul Union	30	Short Term	High	Detailed Design Required
02	PKK-Shet	Jhilmanta	99412070904	Dokan Jhilmanta Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-8 of Jhilmanta Union	30	Short Term	Medium	Detailed Design Required
04	PKK-Shet	Jhilmanta	99412070910	Chander Para Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-05 of Jhilmanta Union	30	Short Term	Medium	Detailed Design Required
03	PKK-Shet	Patil	99412070904	Katania Para Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-06 of Patil Union	750	Mid Term	High	Detailed Design Required
04	PKK-Shet	Patil	99412070904	Patil Para Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-09 of Patil Union	15	Short Term	High	Detailed Design Required
06	PKK-Shet	Patil	99412070904	Machhachhal Para Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-07 of Patil Union	15	Short Term	High	Detailed Design Required
07	PKK-Shet	Patil	99412070904	Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-08 of Patil Union	750	Mid Term	High	Detailed Design Required
09	PKK-Shet	Patil	99412070904	Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-05 of Patil Union	750	Mid Term	High	Detailed Design Required
16	PKK-Shet	Patil	99412070904	Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-02 of Patil Union	15	Short Term	High	Detailed Design Required
03	PKK-Shet	New	99412070904	Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-03 of New Union	15	Mid Term	High	Detailed Design Required
01	PKK-Shet	Existing	99412070904	Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-09 of Jhilmanta Union	30	Short Term	Medium	Detailed Design Required

Attachment 1-15

ID	TYPE OF NEED	UNION	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. New/continuing/complete/unfunded)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (LC or Tk)	Implementation Time Frame	Priority	Remarks
01	PKK-Shet	Patil	99412030104	Tulna Kuli Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-03 of Patil Union	15	Short Term	High	Detailed Design Required
07	PKK-Shet	Bharuchhal	99412030502	Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-3 of Bharuchhal Union	15	Short Term	High	Detailed Design Required
06	PKK-Shet	Bharuchhal	99412070601	Bharuchhal Poshon Para Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-6 of Bharuchhal Union	15	Short Term	High	Detailed Design Required
04	PKK-Shet	Bharuchhal	99412030401	Ala Shanta Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-6 of Bharuchhal Union	15	Short Term	High	Detailed Design Required
03	PKK-Shet	Bharuchhal	99412070602	Middle Bharuchhal Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-6 of Bharuchhal Union	15	Short Term	High	Detailed Design Required
02	PKK-Shet	Bharuchhal	99412030601	Ula Khat Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-9 of Bharuchhal Union	15	Short Term	High	Detailed Design Required
01	PKK-Shet	Bharuchhal	99412020205	Adi Shanta Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-9 of Bharuchhal Union	750	Short Term	High	Detailed Design Required
10	CHD-Shet	Chandradani	99412030502	Construction of Chowdhury Para Ghona Government Primary School cum Cyclone Shelter Maintenance	New	Reconstruction (Proposed from local people)	Ward-5 of Chandradani Union	750	Mid Term	High	Detailed Design Required
09	CHD-Shet	Chandradani	99412031102	Construction of North Bahadur Para Government Primary School cum Cyclone Shelter Maintenance	New	Reconstruction (Proposed from local people)	Ward-01 of Chandradani Union	15	Short Term	High	Detailed Design Required
08	CHD-Shet	Chandradani	99412031103	Chowdhurani Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-06 of Chandradani Union	15	Short Term	High	Detailed Design Required
07	CHD-Shet	Chandradani	99412031104	Noton Mohol Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-08 of Chandradani Union	15	Short Term	High	Detailed Design Required
06	PKK-Shet	Chandradani	99412030803	Rajmura Ghona Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-09 of Chandradani Union	15	Short Term	High	Detailed Design Required
05	PKK-Shet	Chandradani	99412031101	School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-09 of Chandradani Union	750	Short Term	High	Detailed Design Required
03	CHD-Shet	Chandradani	99412031102	Construction of Almya Para-Government Primary School cum Cyclone Shelter Maintenance	New	Reconstruction (Proposed from local people)	Ward-05 of Chandradani Union	15	Short Term	High	Detailed Design Required
02	CHD-Shet	Chandradani	99412030601	West Chowdhurani Government Primary School cum Cyclone Shelter Maintenance	New	Reconstruction (Proposed from local people)	Ward-01 of Chandradani Union	15	Short Term	High	Detailed Design Required
01	CHD-Shet	Chandradani	99412031105	West Chowdhurani Government Primary School cum Cyclone Shelter Maintenance	New	Reconstruction (Proposed from local people)	Ward-04 of Chandradani Union	15	Short Term	High	Detailed Design Required
04	JAL-Shet	General & Good	99412070105	Dokan Para Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-03 of Jajabadd Union	15	Short Term	Medium	Detailed Design Required
03	JAL-Shet	General & Good	99412070103	Reshona Para Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-05 of Jajabadd Union	15	Short Term	Medium	Detailed Design Required
02	JAL-Shet	General & Good	99412070106	Machhachhal Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-07 of Jajabadd Union	15	Short Term	Medium	Detailed Design Required
01	JAL-Shet	General & Good	99412070104	Machhachhal Government Primary School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from local people)	Ward-02 of Jajabadd Union	15	Short Term	Medium	Detailed Design Required

Attachment 1-14

ID	TYPE OF NEED	UNION	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/pipeline/undecided)	Priority	Remarks
01	CB	Paurashava	54-01	Kolatal Govt Primary School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
02	CB	Paurashava	54-02	Hatim Kanti Madarasa cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
03	CB	Paurashava	54-03	D Ward Govt Primary School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
04	CB	Paurashava	54-04	Baneshwar Jabbana Academy School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
05	CB	Paurashava	54-05	Cox's Bazar Govt. High School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
06	CB	Paurashava	54-06	Cox's Bazar Govt. High School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
07	CB	Paurashava	54-07	Cox's Bazar Central Govt. Primary School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
08	CB	Paurashava	54-08	Cox's Bazar Govt. Primary School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
09	CB	Paurashava	54-09	Tekpara Govt. Primary School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
10	CB	Paurashava	54-10	Tekpara Govt. Primary School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
11	CB	Paurashava	54-11	Kasturghat Govt. School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
12	CB	Paurashava	54-12	Primary School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
13	CB	Paurashava	54-13	Maddarsha Khatra	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
14	CB	Paurashava	54-14	Govt. Women College	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
15	CB	Paurashava	54-15	Sadar Govt. High School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
16	CB	Paurashava	54-16	Baneshwar GP5 cum Cyclone Shelter Center	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
17	CB	Paurashava	54-17	Madam Mohila GP5 cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
18	CB	Paurashava	54-18	Baneshwar Govt. Primary School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
19	CB	Paurashava	54-19	Shikha Ushakanya Adarsha Shikha Madarasa	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
20	CB	Paurashava	54-20	Construction of Dauli Kutub School	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required
21	CB	Paurashava	54-21	Construction of Dauli Kutub School	New	Repair or Rehabilitation (Proposed from Paurashava Engineering Department)	Detailed Design Required

Project by Cox's Bazar Paurashava

Attachment 1-17

ID	TYPE OF NEED	UNION	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/pipeline/undecided)	Priority	Remarks
04	Pokshet	Pokshet	-	Ward-04 Pokshet CC08 Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
08	Pokshet	Pokshet	-	Shikha Ushakanya Adarsha Shikha Madarasa	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
10	Pokshet	Pokshet	-	East Ghomatal Cyclone Shelter cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
04	Chandrad	Chandrad	-	Saemont High School cum Cyclone Shelter Maintenance	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
08	Pokshet	Pokshet	-	Hazarat Abu Bakkar Siddique Dhalak Madarasa cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
11	Pokshet	Pokshet	-	Mazpara CC08 Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
14	Pokshet	Pokshet	-	Ghat Kulia Para CC08 Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
02	Pokshet	Pokshet	-	Sadar Khatra Model High School, School cum Shelter Center	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
06	Pokshet	Pokshet	-	World Vision Center, Pochra from cum Cyclone Shelter Center	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
07	Pokshet	Pokshet	-	Madam Rastar Para, Shelter Center	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
08	Pokshet	Pokshet	-	Rastar Para Khatra Model High School, School cum Shelter Center	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
09	Pokshet	Pokshet	-	Construction of North Mahlon Dya	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
12	Pokshet	Pokshet	-	Pokshet Model High School cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
04	Pokshet	Pokshet	-	Construction of Ghona Haj Sholek	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
05	Pokshet	Pokshet	-	Construction of Almasay Farid Madarasa cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required
05	Pokshet	Pokshet	-	Construction of Almasay Farid Madarasa cum Cyclone Shelter	New	Repair or Rehabilitation (Proposed from Local People)	Detailed Design Required

Project by DDM

Attachment 1-16

Attachment 1-9

ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. new/continuing/ pipeline/underfunded)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Taka)	Implementation Time Frame	Priority in Terms of Hazard Analysis	Remarks
EDG-R-08	Repair	Idagun	413	42245029	North mizpar Road	New	0.413 km road Rehabilitation (Proposed from Local People)	Ward-02 of Eidagun Union	62	Mid Term	Midium	Detailed Design Required
EDG-R-09	Repair	Idagun	680	42245412	R&T road to south mizpar via Idagun	New	0.680 km road Rehabilitation (Proposed from Local People)	Ward-03 of Eidagun Union	102	Mid Term	Midium	Detailed Design Required
JAL-R-01	Repair	Jalabhad	1382	42245606 (New)	School Road Majdur Bhawan	New	1.382 km road Rehabilitation (Proposed from Local People)	Ward-08-09 of Jalabhad Union	207	Mid Term	High	Detailed Design Required
CH-R-01	Repair	Chauladandi	1313	42245028	Khokher Kail Road	New	1.313 km road Rehabilitation (Proposed from Local People)	Ward-09 of Chauladandi Union	197	Mid Term	High	Detailed Design Required
CH-R-03	Repair	Chauladandi	1033	42245361	Nutan mohai Chauri to Baitoli Rastherbarad	New	1.033 km road Rehabilitation (Proposed from Local People)	Ward-08 of Chauladandi Union	155	Mid Term	Midium	Detailed Design Required
CH-R-04	Repair	Chauladandi	803	42245307	Primary school to Abur house road	New	0.803 km road Rehabilitation (Proposed from Local People)	Ward-06 of Chauladandi Union	120	Mid Term	Midium	Detailed Design Required
CH-R-05	Repair	Chauladandi	1802	42245114	Hider Para Road	New	1.802 km road Rehabilitation (Proposed from Local People)	Ward-06-07 of Chauladandi Union	270	Mid Term	High	Detailed Design Required
CH-R-06	Repair	Chauladandi	483	42245351	BISCK to Shikderpara Bridge	New	0.483 km road Rehabilitation (Proposed from Local People)	Ward-02 of Chauladandi Union	72	Mid Term	Midium	Detailed Design Required
CH-R-11	Repair	Chauladandi	252	42245305	Sagorpara mosque to Sagorpara member slope road	New	0.252 km road Rehabilitation (Proposed from Local People)	Ward-02 of Chauladandi Union	38	Mid Term	Low	Detailed Design Required
Bha-R-01	Repair	Bharuakhali	2078	42245017	Sabagura Road	New	2.078 km road Rehabilitation (Proposed from Local People)	Ward-1,2,3 of Bharuakhali Union	312	Mid Term	High	Detailed Design Required
Bha-R-02	Repair	Bharuakhali	1041	42245017	Chowchra mura Road	New	1.041 km road Rehabilitation (Proposed from Local People)	Ward-04 of Bharuakhali Union	156	Mid Term	High	Detailed Design Required
Bha-R-03	Repair	Bharuakhali	1138	42243019	Officekharpura bazar Road	New	1.138 km road Rehabilitation (Proposed from Local People)	Ward-6 & 8 of Bharuakhali Union	171	Mid Term	High	Detailed Design Required
Bha-R-04	Repair	Bharuakhali	1558	42245088	Uttakhal Road	New	1.558 km road Rehabilitation (Proposed from Local People)	Ward-05 of Bharuakhali Union	234	Mid Term	High	Detailed Design Required
Bha-R-05	Repair	Bharuakhali	554	42245018	Chaugo mura Road	New	0.554 km road Rehabilitation (Proposed from Local People)	Ward-6 of Bharuakhali Union	83	Mid Term	Midium	Detailed Design Required
Bha-R-06	Repair	Bharuakhali	937	4224589(N ew)	Karm Shikder para to Taher Mohon Bhuiyan's House Road	New	0.937 km road Rehabilitation (Proposed from Local People)	Ward-6 of Bharuakhali Union	141	Mid Term	Midium	Detailed Design Required
Bha-R-07	Repair	Bharuakhali	1198	42245299	Uttakhal Ghona Road	New	1.198 km road Rehabilitation (Proposed from Local People)	Ward-09 of Bharuakhali Union	180	Mid Term	High	Detailed Design Required
Bha-R-08	Repair	Bharuakhali	1099	42245300	DC Road to Guchha Gram Road	New	1.099 km road Rehabilitation (Proposed from Local People)	Ward-09 of Bharuakhali Union	165	Mid Term	High	Detailed Design Required
PMK-R-1	Repair	Machukhali	1772	42244001	P M Kail-Ghona para-Rd	New	1.772 km road Rehabilitation (Proposed from Local People)	Ward 1,2,4, of Paili Machukhali Union	176	Mid Term	High	Detailed Design Required
PMK-R-2	Repair	Machukhali	954	42244045	Chaug Ghon para/Bhukhet Jem via Bhatmukhet para pvt. School Road	New	0.954 km road Rehabilitation (Proposed from Local People)	Ward -4,5 of Paili Machukhali Union	150	Mid Term	High	Detailed Design Required
KM-R-01	Repair	Khurushul	955	42245121	Khurushul Jalapara Road	New	0.955 km road Rehabilitation (Proposed from Local People)	Ward-1 of Khurushul Union	143	Mid Term	High	Detailed Design Required
KM-R-02	Repair	Khurushul	838	42244005	Amohara Abason Dujara Bazar to Amohara Road	New	0.838 km road Rehabilitation (Proposed from Local People)	Ward-1,3 of Khurushul Union	126	Mid Term	High	Detailed Design Required

Attachment 1-8

ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. new/continuing/ pipeline/underfunded)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Taka)	Implementation Time Frame	Priority in Terms of Hazard Analysis	Remarks
Id-R-01	Repair	Islampur	506	42245422	Haje Mazar Alam Road to Baddepara	New	0.506 km road Rehabilitation (Proposed from Local People)	Ward-09 of Islampur Union	75	Mid Term	Midium	Detailed Design Required
Id-R-02	Repair	Islampur	362	42245103	Haje Dudu meah Rd.	New	0.362 km road Rehabilitation (Proposed from Local People)	Ward-09 of Islampur Union	60	Mid Term	Midium	Detailed Design Required
Id-R-03	Repair	Islampur	1969	42245419	East Naphukhali village para a road	New	1.969 km road Rehabilitation (Proposed from Local People)	Ward-06 of Islampur Union	294	Mid Term	High	Detailed Design Required
Id-R-04	Repair	Islampur	307	42245555	Uter Naphukhali to Babur slope to middle Fram road	New	0.307 km road Rehabilitation (Proposed from Local People)	Ward-01 of Islampur Union	46	Mid Term	High	Detailed Design Required
Id-R-05	Repair	Islampur	708	42245128	Khan Ghona pvt. School road	New	0.708 km road Rehabilitation (Proposed from Local People)	Ward-09 of Islampur Union	106	Mid Term	High	Detailed Design Required
Pok-R-02	Repair	Pokkhali	3297	42243016	Pokkhali UP Office/Gomatal Bazar	New	3.297 km road Rehabilitation (Proposed from Local People)	Ward-04,08 of Pokkhali Union	495	Mid Term	High	Detailed Design Required
Pok-R-04	Repair	Pokkhali	947	42244048	Pokkhali High School	New	0.947 km road Rehabilitation (Proposed from Local People)	Ward-02 of Pokkhali Union	150	Mid Term	High	Detailed Design Required
Pok-R-05	Repair	Pokkhali	1187	42244049	Nayapara via Shikderpara Road	New	1.187 km road Rehabilitation (Proposed from Local People)	Ward-06 of Pokkhali Union	178	Mid Term	High	Detailed Design Required
Pok-R-06	Repair	Pokkhali	544	42245233	East Gomatal Bridge Road to Hajar nicher ghona	New	0.544 km road Rehabilitation (Proposed from Local People)	Ward-09 of Pokkhali Union	82	Mid Term	High	Detailed Design Required
Pok-R-07	Repair	Pokkhali	1038	42245480	West Gomatal Bazar to Chaurpara No. 1	New	1.038 km road Rehabilitation (Proposed from Local People)	Ward-07 of Pokkhali Union	156	Mid Term	High	Detailed Design Required
IdB-R-01	Repair	Islambad	1116	42245037	Khodabari Road	New	1.116 km road Rehabilitation (Proposed from Local People)	Ward-07 of Islambad Union	200	Mid Term	Low	Detailed Design Required
IdB-R-02	Repair	Islambad	816 -	42245109	Boalhari east side Road	New	0.816 km road Rehabilitation (Proposed from Local People)	Ward-05,06 of Islambad Union	215	Mid Term	Low	Detailed Design Required
IdB-R-01	Repair	Islambad	840	42245411	Hajar Ahmed chodhary road	New	0.840 km road Rehabilitation (Proposed from Local People)	Ward-06 of Eidagun Union	13	Mid Term	Low	Detailed Design Required
IdB-R-02	Repair	Islambad	367	42245411	Hajar Ahmed chodhary road	New	0.367 km road Rehabilitation (Proposed from Local People)	Ward-06 of Eidagun Union	55	Mid Term	Low	Detailed Design Required
IdB-R-03	Repair	Islambad	1472	42245080	Kalichara jangle meachukhali Rd.	New	1.472 km road Rehabilitation (Proposed from Local People)	Ward-05,06 of Eidagun Union	221	Mid Term	Midium	Detailed Design Required
IdB-R-04	Repair	Islambad	1432	42245236	Kalichara jangle to Asaka main road to shayvedda jama	New	1.432 km road Rehabilitation (Proposed from Local People)	Ward-05 of Eidagun Union	215	Mid Term	Midium	Detailed Design Required
IdB-R-05	Repair	Islambad	1475	42245033	Chanderghona Rd	New	1.475 km road Rehabilitation (Proposed from Local People)	Ward-04,07 of Eidagun Union	221	Mid Term	Midium	Detailed Design Required
IdB-R-06	Repair	Islambad	231	42245033	Chanderghona Rd	New	0.231 km road Rehabilitation (Proposed from Local People)	Ward-07 of Eidagun Union	35	Mid Term	Low	Detailed Design Required
IdB-R-07	Repair	Islambad	3092	42244017	Bhomoria Ghona Road	New	3.092 km road Rehabilitation (Proposed from Local People)	Ward-08-09 of Eidagun Union	464	Mid Term	High	Detailed Design Required

b) Roads
Project by LGED

Attachment 1-21

ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/pipeline/undecided)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Tac)	Implementation in Terms of Time Frame	Priority Analysis	Remarks
Pok-R-01	Repair	Pokkhali	477	-	Cyclone Shelter Access Road	New	0.47 km road Rehabilitation (proposed from local people)	Ward-08 of Pokkhali Union	72	Mid Term	High	Detailed Design Required
Pok-R-03	Repair	Pokkhali	579	-	House to North-East Moslem Shah Alam's	New	0.37 km road Rehabilitation (proposed from local people)	Ward-04-07-09 of Pokkhali Union	87	Mid Term	High	Detailed Design Required
JAL-R-02	Repair	Jalabhad	1203	-	Along's Shop to Wapda Road	New	1.203 km road Rehabilitation (proposed from local people)	Ward-03-04 of Jalabhad Union	180	Mid Term	High	Detailed Design Required
CHO-R-02	Repair	Chauladandi	570	-	Neon Moha Bazar to Napti para Road	New	0.50 km road Rehabilitation (proposed from local people)	Ward-08 of Chauladandi Union	86	Mid Term	Medium	Detailed Design Required
CHO-R-08	Repair	Chauladandi	322	-	Shah Alam house to Bait's House Road	New	0.322 km road Rehabilitation (proposed from local people)	Ward-02 of Chauladandi Union	48	Mid Term	Low	Detailed Design Required
CHO-R-09	Repair	Chauladandi	239	-	Botari Ahmed House to Lal Ghoda Road	New	0.239 km road Rehabilitation (proposed from local people)	Ward-02 of Chauladandi Union	36	Mid Term	Low	Detailed Design Required
CHO-R-10	Repair	Chauladandi	385	-	Nurul Ameer Shops to Motor Bazar Road	New	0.385 km road Rehabilitation (proposed from local people)	Ward-01-02 of Chauladandi Union	58	Mid Term	Low	Detailed Design Required
CHO-R-12	Repair	Chauladandi	820	-	House to Abdulah's	New	0.820 km road Rehabilitation (proposed from local people)	Ward-02 of Chauladandi Union	123	Mid Term	Low	Detailed Design Required
CHO-R-07	Repair	Chauladandi	214	-	Salanote Bari to Road 02, from House Road	New	0.214 km road Rehabilitation (proposed from local people)	Ward-02 of Chauladandi Union	32	Mid Term	Low	Detailed Design Required
Khu-R-14	Proposed	Khurnashuli	211	-	Mish Road to Kufia Para Road	New	0.211 km road New Construction (proposed from local people)	Ward-9 of Khurnashuli Union	32	Mid Term	High	Detailed Design Required
Khu-R-15	Proposed	Khurnashuli	182	-	Noor Ahmader Bari to Ash Sakkerer Bari	New	0.182 km road New Construction (proposed from local people)	Ward-1 of Khurnashuli Union	27	Mid Term	High	Detailed Design Required
Khu-R-05	Repair	Khurnashuli	187	-	North Postar Ghona Shikure Bari to Moulan Road	New	0.187 km road Rehabilitation (proposed from local people)	Ward-3 of Khurnashuli Union	28	Mid Term	High	Detailed Design Required

Project by BDM

ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/pipeline/undecided)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Tac)	Implementation in Terms of Time Frame	Priority Analysis	Remarks
PMK-R-5	Repair	Machhushali	267	42244083	Machhushali gps Road	New	0.267 km road Rehabilitation (proposed from local people)	Ward-02 of Machhushali Union	40	Mid Term	High	Detailed Design Required
PMK-R-6	Repair	Machhushali	1195	42244084	Machhushali Central Mosque Road	New	1.195 km road Rehabilitation (proposed from local people)	Ward-07 of Machhushali Union	179	Mid Term	High	Detailed Design Required
PMK-R-7	Repair	Machhushali	1402	42244085	Machhushali to Khatla Bazar Road	New	1.402 km road Rehabilitation (proposed from local people)	Ward-07 of Machhushali Union	210	Mid Term	High	Detailed Design Required
Jhil-R-06	Repair	Jhilwanga	600	42245062	Mohurpara Primary School Road	New	0.600 km road Rehabilitation (proposed from Upazila Office)	Ward-04 of Jhilwanga Union	90	Mid Term	High	Detailed Design Required

Attachment 1-20

ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/pipeline/undecided)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Tac)	Implementation in Terms of Time Frame	Priority Analysis	Remarks
Khu-R-03	Repair	Khurnashuli	569	42245147	Parkerpara Road	New	0.569 km road Rehabilitation (proposed from local people)	Ward-2-3 of Khurnashuli Union	85	Mid Term	High	Detailed Design Required
Khu-R-04	Repair	Khurnashuli	1281	42243014	Khurnashuli GC of Khurnashuli DC Road	New	1.281 km road Rehabilitation (proposed from local people)	Ward-3 of Khurnashuli Union	192	Mid Term	High	Detailed Design Required
Khu-R-06	Repair	Khurnashuli	307	42245146	Rastepara Road	New	0.307 km road Rehabilitation (proposed from local people)	Ward-3 of Khurnashuli Union	46	Mid Term	High	Detailed Design Required
Khu-R-07	Repair	Khurnashuli	293	42245151	Nurul Mithi Shope to upda Road	New	0.293 km road Rehabilitation (proposed from local people)	Ward-3 of Khurnashuli Union	44	Mid Term	High	Detailed Design Required
Khu-R-08	Repair	Khurnashuli	242	42245147	Parkerpara Road	New	0.242 km road Rehabilitation (proposed from local people)	Ward-2 of Khurnashuli Union	36	Mid Term	High	Detailed Design Required
Khu-R-09	Repair	Khurnashuli	415	42245237	Adraha gora to adraha mosque road	New	0.415 km road Rehabilitation (proposed from local people)	Ward-6 of Khurnashuli Union	62	Mid Term	High	Detailed Design Required
Khu-R-10	Repair	Khurnashuli	423	42244004	Mamun para-Road	New	0.423 km road Rehabilitation (proposed from local people)	Ward-5 of Khurnashuli Union	63	Mid Term	High	Detailed Design Required
Khu-R-11	Repair	Khurnashuli	1174	42243012	Zionka UP of Khurnashuli Bazar via Chhatula para Gonkhola Bazar Road	New	1.174 km road Rehabilitation (proposed from local people)	Ward-9 of Khurnashuli Union	18	Mid Term	High	Detailed Design Required
Khu-R-12	Proposed	Khurnashuli	814	42245240	Rule khal to machher para Gonkhola Bazar Road	New	0.814 km road Rehabilitation (proposed from local people)	Ward-9 of Khurnashuli Union	208	Mid Term	High	Detailed Design Required
Khu-R-13	Proposed	Khurnashuli	572	42245240	Rule khal to machher 6 no project road	New	0.572 km road Rehabilitation (proposed from local people)	Ward-9 of Khurnashuli Union	86	Mid Term	High	Detailed Design Required
Jhil-R-01	Repair	Jhilwanga	1009	42245005	South Khurnashuli Py. School Rd.	New	1.009 km road Rehabilitation (proposed from local people)	Ward-08 of Jhilwanga Union	151	Mid Term	High	Detailed Design Required
Jhil-R-02	Repair	Jhilwanga	507	42245485	Link Road Near a B a groved near Shider hokoshaba to para Road	New	0.507 km road Rehabilitation (proposed from local people)	Ward-08 of Jhilwanga Union	76	Mid Term	High	Detailed Design Required
Jhil-R-03	Repair	Jhilwanga	889	42245180	Chandrapara Abdul Rahman member company Road	New	0.889 km road Rehabilitation (proposed from local people)	Ward-05-06 of Jhilwanga Union	133	Mid Term	High	Detailed Design Required
Jhil-R-04	Repair	Jhilwanga	335	42245175	Machhushali Link Road via Cox's Bazar	New	0.335 km road Rehabilitation (proposed from local people)	Ward-05 of Jhilwanga Union	50	Mid Term	High	Detailed Design Required
Jhil-R-05	Repair	Jhilwanga	1107	42245489	Nurul Office Bazar to Duplehar Bazar via Cox's Bazar	New	1.107 km road Rehabilitation (proposed from local people)	Ward-04 of Jhilwanga Union	166	Mid Term	High	Detailed Design Required
Jhil-R-06	Repair	Jhilwanga	3000	42244059	Duplehar Bazar via Duplehar Primary School	New	3.000 km road Rehabilitation (proposed from Upazila Office)	Jhilwanga Union	450	Mid Term	High	Detailed Design Required
Jhil-R-07	Repair	Jhilwanga	1000	42245434	Babur Primary School Road to Chura Bagich	New	1.000 km road Rehabilitation (proposed from Upazila Office)	Ward-07 of Jhilwanga Union	150	Mid Term	High	Detailed Design Required
EDG-R-10	Repair	Idagun	2000	42245036	Bhromora Ghona Primary School Road	New	2.000 km road Rehabilitation (proposed from Upazila Office)	Idagun Union	300	Mid Term	High	Detailed Design Required
PMK-R-3	Repair	Machhushali	2635	42244079	Patil Connecting Road	New	2.635 km road Rehabilitation (proposed from Upazila Office)	Ward-07 of Machhushali Union	395	Mid Term	High	Detailed Design Required
PMK-R-4	Repair	Machhushali	1044	42244082	Machhushali Bazar Road	New	1.044 km road Rehabilitation (proposed from Upazila Office)	Ward-04 of Machhushali Union	157	Mid Term	High	Detailed Design Required

ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., New/continuing/pending/undecided)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Taka)	Implementation in Terms of Time Frame	Priority	Remarks
CRP-R-39	Repair	CB	186	R-26	Road, Samiti Para 1No. Goll	New	0.186 km road Rehabilitation (proposed from local people)	Ward-04 of Cox's Bazar Paurashava	32	Mid Term	High	Detailed Design Required
CRP-R-40	Repair	CB	317	R-27	Road, Pessim Kutubdia Para 06 No. Goll	New	0.317 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	54	Mid Term	High	Detailed Design Required
CRP-R-41	Repair	CB	230	R-28	Road, Pessim Kutubdia Para 09 No. Goll	New	0.230 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	39	Mid Term	High	Detailed Design Required
CRP-R-42	Repair	CB	227	R-29	Road, Pessim Kutubdia Para 07 No. Goll	New	0.227 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	39	Mid Term	High	Detailed Design Required
CRP-R-43	Repair	CB	51	R-36	Road, Mirin Baper Barir Road	New	0.051 km road Rehabilitation (proposed from local people)	Ward-02 of Cox's Bazar Paurashava	9	Mid Term	High	Detailed Design Required
CRP-R-44	Repair	CB	51	R-37	Road, Pachim Nolum Barancha Kama Road	New	0.051 km road Rehabilitation (proposed from local people)	Ward-02 of Cox's Bazar Paurashava	9	Mid Term	High	Detailed Design Required
CRP-R-45	Repair	CB	129	R-38	Road, Putho Nolum Barancha Kama Road	New	0.129 km road Rehabilitation (proposed from local people)	Ward-02 of Cox's Bazar Paurashava	22	Mid Term	High	Detailed Design Required
CRP-R-46	Repair	CB	142	R-39	Road, Boro Bazar Houre Road	New	0.142 km road Rehabilitation (proposed from local people)	Ward-03 of Cox's Bazar Paurashava	24	Mid Term	High	Detailed Design Required
CRP-R-47	Repair	CB	227	R-40	Road, Hoar Para to Chole Stone	New	0.227 km road Rehabilitation (proposed from local people)	Ward-03 of Cox's Bazar Paurashava	39	Mid Term	High	Detailed Design Required
CRP-R-48	Repair	CB	203	R-41	Road, Hoar Para to Shaw Hill	New	0.203 km road Rehabilitation (proposed from local people)	Ward-03 of Cox's Bazar Paurashava	35	Mid Term	High	Detailed Design Required
CRP-R-49	Repair	CB	197	R-42	Road, Bangbandhuni Road, Pessim Para	New	0.197 km road Rehabilitation (proposed from local people)	Ward-03 of Cox's Bazar Paurashava	33	Mid Term	High	Detailed Design Required
CRP-R-50	Repair	CB	250	R-43	Road, Pessim Chomowon to Ramin Chowdhury Bari	New	0.250 km road Rehabilitation (proposed from local people)	Ward-04 of Cox's Bazar Paurashava	43	Mid Term	High	Detailed Design Required
CRP-R-51	Repair	CB	171	R-44	Road, Main Bazar Curve to Abdur M. Gaffar Academy Road	New	0.171 km road Rehabilitation (proposed from local people)	Ward-04 of Cox's Bazar Paurashava	29	Mid Term	High	Detailed Design Required
CRP-R-52	Repair	CB	90	R-45	Road, Main Bazar Bisho Road	New	0.090 km road Rehabilitation (proposed from local people)	Ward-04 of Cox's Bazar Paurashava	15	Mid Term	Low	Detailed Design Required
CRP-R-53	Repair	CB	146	R-46	Road, Main Bazar Dura Chur to Monjur Comilla Group Bani	New	0.146 km road Rehabilitation (proposed from local people)	Ward-04 of Cox's Bazar Paurashava	25	Mid Term	Low	Detailed Design Required
CRP-R-55	Repair	CB	359	R-52	Road, Bori Rupa Para Monjur	New	0.359 km road Rehabilitation (proposed from local people)	Ward-05 of Cox's Bazar Paurashava	61	Mid Term	Low	Detailed Design Required
CRP-R-56	Repair	CB	138	R-53	Road, 5M Para Kona Para to Bot Gas Tola	New	0.138 km road Rehabilitation (proposed from local people)	Ward-05 of Cox's Bazar Paurashava	23	Mid Term	Low	Detailed Design Required
CRP-R-62	Repair	CB	227	R-60	Road, Nap-Ponja Para Road, Pothina Keta	New	0.227 km road Rehabilitation (proposed from local people)	Ward-06 of Cox's Bazar Paurashava	39	Mid Term	Low	Detailed Design Required
CRP-R-63	Repair	CB	162	R-61	Road, Shikder Bazar to Basa Myar Choma Road	New	0.162 km road Rehabilitation (proposed from local people)	Ward-06 of Cox's Bazar Paurashava	28	Mid Term	Low	Detailed Design Required
CRP-R-64	Repair	CB	190	R-64	Road, Dahan Rumarchora (Goror Road)	New	0.190 km road Rehabilitation (proposed from local people)	Ward-7 of Cox's Bazar Paurashava	32	Mid Term	Low	Detailed Design Required
CRP-R-65	Repair	CB	228	R-65	Road, Alaji Road	New	0.228 km road Rehabilitation (proposed from local people)	Ward-7 of Cox's Bazar Paurashava	39	Mid Term	Low	Detailed Design Required

Attachment 1-23

ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., New/continuing/pending/undecided)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Taka)	Implementation in Terms of Time Frame	Priority	Remarks
CRP-R-27	Repair	CB	235	R-14	Road, Hoar Bazar Sandagor to Mahlar (Main Road to 3 No. Goll)	New	0.235 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	40	Mid Term	High	Detailed Design Required
CRP-R-32	Repair	CB	2098	R-19	Road, Basima Para to Rastar Para 3 No. Goll	New	2.098 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	357	Mid Term	High	Detailed Design Required
CRP-R-34	Repair	CB	789	R-51	Road, Bori Rupa Para to Rastar Para 3 No. Goll	New	0.789 km road Rehabilitation (proposed from local people)	Ward-05 of Cox's Bazar Paurashava	134	Mid Term	High	Detailed Design Required
CRP-R-35	Repair	CB	110	R-22	Road, Pessim Kutubdia Para 02 No. Goll	New	0.110 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	19	Mid Term	High	Detailed Design Required
CRP-R-36	Repair	CB	578	R-23	Road, Samiti Para 7 No. Goll	New	0.578 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	98	Mid Term	High	Detailed Design Required
CRP-R-37	Repair	CB	287	R-24	Road, Samiti Para 6 No. Goll	New	0.287 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	49	Mid Term	High	Detailed Design Required
CRP-R-38	Repair	CB	254	R-25	Road, Samiti Para 5 No. Goll	New	0.254 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	43	Mid Term	High	Detailed Design Required
CRP-R-29	Repair	CB	202	R-16	Road, Bani Mamun (Majumdar) Lane Mohid to Belai er Dahan to Badshar	New	0.202 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	34	Mid Term	High	Detailed Design Required
CRP-R-30	Repair	CB	151	R-17	Road, Siraj er Dahan to Sayed Alam er Bazar	New	0.151 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	26	Mid Term	High	Detailed Design Required
CRP-R-31	Repair	CB	217	R-18	Road, Kaderer Dahan to Kaderer Kach Mass Ghat	New	0.217 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	37	Mid Term	High	Detailed Design Required
CRP-R-33	Repair	CB	97	R-20	Road, Pessim Kutubdia Para 06 No. Goll	New	0.097 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	16	Mid Term	High	Detailed Design Required
CRP-R-34	Repair	CB	331	R-21	Road, Pessim Kutubdia Para 03 No. Goll	New	0.331 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	56	Mid Term	High	Detailed Design Required
CRP-R-35	Repair	CB	110	R-22	Road, Pessim Kutubdia Para 02 No. Goll	New	0.110 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	19	Mid Term	High	Detailed Design Required
CRP-R-36	Repair	CB	578	R-23	Road, Samiti Para 7 No. Goll	New	0.578 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	98	Mid Term	High	Detailed Design Required
CRP-R-37	Repair	CB	287	R-24	Road, Samiti Para 6 No. Goll	New	0.287 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	49	Mid Term	High	Detailed Design Required
CRP-R-38	Repair	CB	254	R-25	Road, Samiti Para 5 No. Goll	New	0.254 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	43	Mid Term	High	Detailed Design Required
CRP-R-28	Repair	CB	258	R-15	Road, Gnyas Liddiner Sandagor Bazar	New	0.258 km road Rehabilitation (proposed from local people)	Ward-01 of Cox's Bazar Paurashava	44	Mid Term	High	Detailed Design Required
CRP-R-58	Repair	CB	1375	R-56	Road, Putho Banaa Sandagor Para Road	New	1.375 km road Rehabilitation (proposed from local people)	Ward-06 of Cox's Bazar Paurashava	234	Mid Term	High	Detailed Design Required
CRP-R-59	Repair	CB	471	R-57	Road, Para to Sarder Para Road, Uttar Shikder	New	0.471 km road Rehabilitation (proposed from local people)	Ward-06 of Cox's Bazar Paurashava	80	Mid Term	High	Detailed Design Required
CRP-R-60	Repair	CB	440	R-58	Road, Para Road	New	0.440 km road Rehabilitation (proposed from local people)	Ward-06 of Cox's Bazar Paurashava	75	Mid Term	High	Detailed Design Required
CRP-R-61	Repair	CB	553	R-59	Road, Modlik Para Road	New	0.553 km road Rehabilitation (proposed from local people)	Ward-06 of Cox's Bazar Paurashava	94	Mid Term	High	Detailed Design Required
CRP-R-67	Repair	CB	590	R-67	Road, Kujia Manjil Road	New	0.590 km road Rehabilitation (proposed from local people)	Ward-08 of Cox's Bazar Paurashava	100	Mid Term	High	Detailed Design Required

Attachment 1-22

ID	Type of Need	Union	Length	Official ID Number	Countermeasures	Plan Status (e.g., New/continuing/ pipeline/undecided)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (lac Tk)	Implementation Time Frame	Priority	Remarks
CRP-R-88	Repair	CB	204	R-88	Road, Bahadur Bari to Idra Moya Bari	New	Rehabilitation (proposed) from local people	Ward-10 of Cox's Bazar Paurashava	35	Mid Term	Low	Detailed Design Required
CRP-R-89	Repair	CB	128	R-89	Road, Zila Darga to Idra Moya Bari	New	Rehabilitation (proposed) from local people	Ward-10 of Cox's Bazar Paurashava	22	Mid Term	Low	Detailed Design Required
CRP-R-90	Repair	CB	14	R-90	Road, General Hospital to Uttar Paser	New	Rehabilitation (proposed) from local people	Ward-10 of Cox's Bazar Paurashava	2	Mid Term	Low	Detailed Design Required
CRP-R-91	Repair	CB	60	R-91	Road, Noor Ahmed Quarter to Hill Down	New	Rehabilitation (proposed) from local people	Ward-11 of Cox's Bazar Paurashava	10	Mid Term	Low	Detailed Design Required
CRP-R-92	Repair	CB	75	R-92	Road, Hill Down Masjid to DC Quarter	New	Rehabilitation (proposed) from local people	Ward-11 of Cox's Bazar Paurashava	13	Mid Term	Low	Detailed Design Required
CRP-R-93	Repair	CB	235	R-93	Road, Sakot Girts School Road	New	Rehabilitation (proposed) from local people	Ward-11 of Cox's Bazar Paurashava	40	Mid Term	Low	Detailed Design Required
CRP-R-94	Repair	CB	184	R-94	Road, Goyamoti Masjid to Maly Abdul Salam Jam	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	31	Mid Term	Low	Detailed Design Required
CRP-R-95	Repair	CB	225	R-95	Road, Jam Jam Khorostan Banchary to	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	38	Mid Term	Low	Detailed Design Required
CRP-R-96	Repair	CB	54	R-96	Road, Hotel Sate Sadir to Abdul Robins	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	9	Mid Term	Low	Detailed Design Required
CRP-R-97	Repair	CB	210	R-97	Road, Hajrat Ali Jirga Para Boundary	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	36	Mid Term	Low	Detailed Design Required
CRP-R-98	Repair	CB	190	R-98	Road, Kotail Main Sandagar House Road	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	32	Mid Term	Low	Detailed Design Required
CRP-R-99	Repair	CB	88	R-99	Road, Nazir Sandagar House Road	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	15	Mid Term	Low	Detailed Design Required
CRP-R-100	Repair	CB	142	R-100	Road, Mujid Islam Typist House to Army	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	24	Mid Term	Low	Detailed Design Required
CRP-R-101	Repair	CB	52	R-101	Road, Commander Sorwar House to Rana House Road	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	9	Mid Term	Low	Detailed Design Required
CRP-R-102	Repair	CB	80	R-102	Road, Kachem Kolia's Office to Kobrostan Road	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	14	Mid Term	Low	Detailed Design Required
CRP-R-103	Repair	CB	125	R-103	Road, Light House Chowdhuri House to Answer House Road	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	21	Mid Term	Low	Detailed Design Required
CRP-R-104	Repair	CB	72	R-104	Road, Light House Road to Alul Balam	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	12	Mid Term	Low	Detailed Design Required
CRP-R-105	Repair	CB	303	R-105	Road, Amir Hossain Bagh Chona Road to Sandagar House to	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	52	Mid Term	Low	Detailed Design Required
CRP-R-106	Repair	CB	129	R-106	Road, Light House Road to Akbar House	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	22	Mid Term	Low	Detailed Design Required
CRP-R-107	Repair	CB	120	R-107	Road, Para Minor House Para Minor House Road	New	Rehabilitation (proposed) from local people	Ward-12 of Cox's Bazar Paurashava	20	Mid Term	Low	Detailed Design Required

Attachment 1-25

ID	Type of Need	Union	Length	Official ID Number	Countermeasures	Plan Status (e.g., New/continuing/ pipeline/undecided)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (lac Tk)	Implementation Time Frame	Priority	Remarks
CRP-R-66	Repair	CB	64	R-66	Road, Karna Para Buddho Munder Road	New	Rehabilitation (proposed) from local people	Ward-8 of Cox's Bazar Paurashava	11	Mid Term	Low	Detailed Design Required
CRP-R-68	Repair	CB	53	R-68	Road, Shorir Bari	New	Rehabilitation (proposed) from local people	Ward-08 of Cox's Bazar Paurashava	9	Mid Term	Low	Detailed Design Required
CRP-R-69	Repair	CB	80	R-69	Road, Nurul Islam er Bari Road	New	Rehabilitation (proposed) from local people	Ward-08 of Cox's Bazar Paurashava	14	Mid Term	Low	Detailed Design Required
CRP-R-70	Repair	CB	106	R-70	Road, Jabbar Bari to Budai Akter er Bari	New	Rehabilitation (proposed) from local people	Ward-08 of Cox's Bazar Paurashava	18	Mid Term	Low	Detailed Design Required
CRP-R-71	Repair	CB	90	R-71	Road, Bului Bari to Noor Mohammad Mftin Bari Road	New	Rehabilitation (proposed) from local people	Ward-08 of Cox's Bazar Paurashava	15	Mid Term	Low	Detailed Design Required
CRP-R-72	Repair	CB	99	R-72	Road, Barui Bari Road	New	Rehabilitation (proposed) from local people	Ward-08 of Cox's Bazar Paurashava	17	Mid Term	Low	Detailed Design Required
CRP-R-73	Repair	CB	85	R-73	Road, Nurul Islam er House Road	New	Rehabilitation (proposed) from local people	Ward-09 of Cox's Bazar Paurashava	14	Mid Term	Low	Detailed Design Required
CRP-R-74	Repair	CB	73	R-74	Road, Shau Alam Master House to Adrar House Road	New	Rehabilitation (proposed) from local people	Ward-09 of Cox's Bazar Paurashava	12	Mid Term	Low	Detailed Design Required
CRP-R-75	Repair	CB	57	R-75	Road, Shau Alam Master House to	New	Rehabilitation (proposed) from local people	Ward-09 of Cox's Bazar Paurashava	10	Mid Term	Low	Detailed Design Required
CRP-R-76	Repair	CB	91	R-76	Road, Barui Bari House Road	New	Rehabilitation (proposed) from local people	Ward-09 of Cox's Bazar Paurashava	15	Mid Term	Low	Detailed Design Required
CRP-R-77	Repair	CB	95	R-77	Road, Babul Mstn House Road	New	Rehabilitation (proposed) from local people	Ward-09 of Cox's Bazar Paurashava	16	Mid Term	Low	Detailed Design Required
CRP-R-78	Repair	CB	57	R-78	Road, Rajur Jagra to Babur Bari Road	New	Rehabilitation (proposed) from local people	Ward-09 of Cox's Bazar Paurashava	9	Mid Term	Low	Detailed Design Required
CRP-R-79	Repair	CB	67	R-79	Road, Khaja Manger Pahar Road	New	Rehabilitation (proposed) from local people	Ward-09 of Cox's Bazar Paurashava	11	Mid Term	Low	Detailed Design Required
CRP-R-80	Repair	CB	54	R-80	Road, Madan Para Moker Madan Para	New	Rehabilitation (proposed) from local people	Ward-09 of Cox's Bazar Paurashava	9	Mid Term	Low	Detailed Design Required
CRP-R-81	Repair	CB	43	R-81	Road, Raju Bari House to Upoter Samer Road	New	Rehabilitation (proposed) from local people	Ward-09 of Cox's Bazar Paurashava	7	Mid Term	Low	Detailed Design Required
CRP-R-82	Repair	CB	56	R-82	Road, Adv Dider House Road	New	Rehabilitation (proposed) from local people	Ward-09 of Cox's Bazar Paurashava	10	Mid Term	Low	Detailed Design Required
CRP-R-83	Repair	CB	80	R-83	Road, Purno Taker Mstn er Para Abu Taker Mstn er	New	Rehabilitation (proposed) from local people	Ward-09 of Cox's Bazar Paurashava	14	Mid Term	Low	Detailed Design Required
CRP-R-84	Repair	CB	70	R-84	Road, Mstn er Bari to Gyaas Uddin er Bari	New	Rehabilitation (proposed) from local people	Ward-10 of Cox's Bazar Paurashava	12	Mid Term	Low	Detailed Design Required
CRP-R-85	Repair	CB	43	R-85	Road, Purno Mahajer Para Jabor Alomer Bari	New	Rehabilitation (proposed) from local people	Ward-10 of Cox's Bazar Paurashava	7	Mid Term	Low	Detailed Design Required
CRP-R-86	Repair	CB	40	R-86	Road, Jabor Alomer Bari to Kala Mla	New	Rehabilitation (proposed) from local people	Ward-10 of Cox's Bazar Paurashava	7	Mid Term	Low	Detailed Design Required
CRP-R-87	Repair	CB	41	R-87	Road, English Mohajer Foster Pair Road	New	Rehabilitation (proposed) from local people	Ward-10 of Cox's Bazar Paurashava	7	Mid Term	Low	Detailed Design Required

Attachment 1-24

ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/ pipelined/undecided)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Lac Tk)	Implementation Time Frame	Priority Analysis	Remarks
CRP-R-14	Proposed	Paurashava	248	R-30	CCDB to Watch Tower Road	New	Ward-02 of Cox's Bazar Paurashava	0.248 km road Rehabilitation (proposed from Paurashava Department)	42	Mid Term	High	Detailed Design Required
CRP-R-15	Proposed	CB	172	R-31	Paintup Para Mosque Road	New	Ward-02 of Cox's Bazar Paurashava	0.172 km road Rehabilitation (proposed from Paurashava Department)	29	Mid Term	High	Detailed Design Required
CRP-R-16	Proposed	CB	400	R-32	Paintup para to CCDB Road	New	Ward-02 of Cox's Bazar Paurashava	0.400 km road Rehabilitation (proposed from Paurashava Department)	68	Mid Term	High	Detailed Design Required
CRP-R-17	Proposed	CB	294	R-33	Side to Tulla Para Road, From Utor	New	Ward-02 of Cox's Bazar Paurashava	0.294 km road Rehabilitation (proposed from Paurashava Department)	50	Mid Term	High	Detailed Design Required
CRP-R-18	Proposed	CB	73	R-34	Dock Road, Nuhar Chara Murali Houque Company	New	Ward-02 of Cox's Bazar Paurashava	0.73 km road Rehabilitation (proposed from Paurashava Department)	12	Mid Term	High	Detailed Design Required
CRP-R-19	Proposed	CB	48	R-35	Mohammad Hossain Road	New	Ward-02 of Cox's Bazar Paurashava	0.48 km road Rehabilitation (proposed from Paurashava Department)	8	Mid Term	High	Detailed Design Required
CRP-R-20	Proposed	Paurashava	386	R-47	BGB Camp Dr Khalilur Rahman Road,	New	Ward-05 of Cox's Bazar Paurashava	0.386 km road Rehabilitation (proposed from Paurashava Department)	66	Mid Term	High	Detailed Design Required
CRP-R-21	Proposed	CB	307	R-48	Toba Medical Hall porjonto Road	New	Ward-05 of Cox's Bazar Paurashava	0.307 km road Rehabilitation (proposed from Paurashava Department)	52	Mid Term	High	Detailed Design Required
CRP-R-22	Proposed	CB	432	R-49	SM Para Road to TMC, Girls High School Moye Ben Badi porjonto	New	Ward-05 of Cox's Bazar Paurashava	0.432 km road Rehabilitation (proposed from Paurashava Department)	73	Mid Term	High	Detailed Design Required
CRP-R-23	Proposed	CB	558	R-50	Mokatar Dolan to Mir Kishem er dokan porjonto Road	New	Ward-05 of Cox's Bazar Paurashava	0.558 km road Rehabilitation (proposed from Paurashava Department)	95	Mid Term	High	Detailed Design Required
CRP-R-24	Proposed	CB	403	R-54	Hakima Madrasa to Rumaila Chora Police Camp Porjonto Road	New	Ward-06 of Cox's Bazar Paurashava	0.403 km road Rehabilitation (proposed from Paurashava Department)	69	Mid Term	High	Detailed Design Required
CRP-R-25	Proposed	Paurashava	922	R-62	Shikar Bazar to Zail Gate Road	New	Ward-07 of Cox's Bazar Paurashava	0.922 km road Rehabilitation (proposed from Paurashava Department)	157	Mid Term	High	Detailed Design Required
CRP-R-26	Proposed	CB	538	R-63	Barhama Gona Road	New	Ward-07 of Cox's Bazar Paurashava	0.538 km road Rehabilitation (proposed from Paurashava Department)	91	Mid Term	High	Detailed Design Required

Attachment 1-27

ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Countermeasures	Plan Status (e.g., new/continuing/ pipelined/undecided)	Propponents	Direct Beneficiaries/Interests to be protected	Estimated cost (Lac Tk)	Implementation Time Frame	Priority Analysis	Remarks
CRP-R-01	Proposed	CB	727	R-1	Bahma Para Bahul South Mosque Para Road	New	Ward-01 of Cox's Bazar Paurashava	0.727 km road Rehabilitation (proposed from Paurashava Department)	124	Mid Term	High	Detailed Design Required
CRP-R-02	Proposed	CB	749	R-2	Kunb Bazar to Kaiser Shop Road	New	Ward-01 of Cox's Bazar Paurashava	0.749 km road Rehabilitation (proposed from Paurashava Department)	127	Mid Term	High	Detailed Design Required
CRP-R-03	Proposed	CB	934	R-3	West Kunbura Para Bhangar Mukah Babul House to Old Nazim Tek Bazar Road	New	Ward-01 of Cox's Bazar Paurashava	0.934 km road Rehabilitation (proposed from Paurashava Department)	159	Mid Term	High	Detailed Design Required
CRP-R-04	Proposed	CB	768	R-4	West Kunbura para Bhangar Bahul to Soumit para Road	New	Ward-01 of Cox's Bazar Paurashava	0.768 km road Rehabilitation (proposed from Paurashava Department)	131	Mid Term	High	Detailed Design Required
CRP-R-05	Proposed	CB	348	R-5	Maddon Kunbura Para Shamul Alam House to Utor Kunbura para Toyob	New	Ward-01 of Cox's Bazar Paurashava	0.348 km road Rehabilitation (proposed from Paurashava Department)	59	Mid Term	High	Detailed Design Required
CRP-R-06	Proposed	CB	632	R-6	Maddon Kunbura para Batoah Shorof Mosque to Utor Kunbura para Shoh	New	Ward-01 of Cox's Bazar Paurashava	0.632 km road Rehabilitation (proposed from Paurashava Department)	107	Mid Term	High	Detailed Design Required
CRP-R-07	Proposed	CB	1245	R-7	Bahul Median Jame Masjid to Gdri Bhangar Road	New	Ward-01 of Cox's Bazar Paurashava	1.245 km road Rehabilitation (proposed from Paurashava Department)	212	Mid Term	High	Detailed Design Required
CRP-R-08	Proposed	CB	131	R-8	Samti Para 10 No. Nazur Ahmed House to Journalist para Shop Road	New	Ward-01 of Cox's Bazar Paurashava	0.131 km road Rehabilitation (proposed from Paurashava Department)	22	Mid Term	High	Detailed Design Required
CRP-R-09	Proposed	Paurashava	174	R-9	Samti para 9 No. Golb. Belal House to Balam House Road	New	Ward-01 of Cox's Bazar Paurashava	0.174 km road Rehabilitation (proposed from Paurashava Department)	30	Mid Term	High	Detailed Design Required
CRP-R-10	Proposed	CB	236	R-10	Samti Para 8 No. Golb. Haret Bostur House to Balam Moor	New	Ward-01 of Cox's Bazar Paurashava	0.236 km road Rehabilitation (proposed from Paurashava Department)	40	Mid Term	High	Detailed Design Required
CRP-R-11	Proposed	CB	247	R-11	Samti Para 3 No. Golb. CA Multistadia School Road	New	Ward-01 of Cox's Bazar Paurashava	0.247 km road Rehabilitation (proposed from Paurashava Department)	42	Mid Term	High	Detailed Design Required
CRP-R-12	Proposed	CB	248	R-12	Samti Para 2 No. Golb. Murali Islam House Road	New	Ward-01 of Cox's Bazar Paurashava	0.248 km road Rehabilitation (proposed from Paurashava Department)	42	Mid Term	High	Detailed Design Required
CRP-R-13	Proposed	CB	222	R-13	Rani Pharmacy to Footcortall Road	New	Ward-01 of Cox's Bazar Paurashava	0.222 km road Rehabilitation (proposed from Paurashava Department)	36	Mid Term	High	Detailed Design Required

Attachment 1-26

Project by LGED

Project by Cox's Bazar Paurashava												
ID	TYPE OF NEED	UNION	Official ID Number	Official Name of the Countermeasures	Plan Status (e.g. (new/continuing/abandoned)	Proponents	Beneficiaries/Interests to be protected	Estimated cost (TL)	Implementation Time Frame	Priority in Terms of Analysis	Detailed Design	Remarks
CPX-01	Repair	CB	C-01	Coastal Beach Café	5.5 m Existing Culvert Repair or Rehabilitation (Proposed from Local People)	Ward-11 of Cox's Bazar Paurashava Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
Project by Cox's Bazar Paurashava												
INL-01	Repair	Bhiknaga	-	Relief Culvert	Rehabilitation (Proposed from Local People)	Ward-6 of Bhiknaga Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
Bha-08	Repair	Bhankhalai	-	Emami Hoo Machine House	5.5 m Existing Culvert Repair or Rehabilitation (Proposed from Local People)	Ward-07 of Bhankhalai Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
Khu-08	Repair	Khushnubi	-	Suban Shop	5.5 m Existing Culvert Repair or Rehabilitation (Proposed from Local People)	Ward-3 of Khushnubi Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
Khu-07	Repair	Khushnubi	-	Culvert	Rehabilitation (Proposed from Local People)	Ward-2 of Khushnubi Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
Khu-06	Repair	Khushnubi	-	Relief Killa Rang Road's Culvert	5.5 m Existing Culvert Repair or Rehabilitation (Proposed from Local People)	Ward-2 of Khushnubi Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
Khu-05	Repair	Khushnubi	-	Kohar Raj Road's Culvert	5.5 m Existing Culvert Repair or Rehabilitation (Proposed from Local People)	Ward-7 of Khushnubi Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
Khu-03	Repair	Khushnubi	-	Hemzar Dail Culvert	Rehabilitation (Proposed from Local People)	Ward-6 of Khushnubi Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
Khu-02	Repair	Khushnubi	-	Kamal Member Badr Pader Culvert	5.5 m Existing Culvert Repair or Rehabilitation (Proposed from Local People)	Ward-3 of Khushnubi Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
Khu-01	Proposed	Khushnubi	-	Goiler Badr Pader Culvert	Rehabilitation (Proposed from Local People)	Ward-3 of Khushnubi Union	Direct Beneficiaries/Interests to be protected	30	Mid Term	High	Detailed Design Required	
Bha-05	Repair	Bhankhalai	-	Beide Madonr Younos Culvert	5.5 m Existing Culvert Repair or Rehabilitation (Proposed from Local People)	Ward-05 of Bhankhalai Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
Bha-01	Repair	Bhankhalai	-	Amr Bayaz's Culvert	5.5 m Existing Culvert Repair or Rehabilitation (Proposed from Local People)	Ward-04 of Bhankhalai Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
CHP-01	Repair	Chandadandi	-	South Para Sagar Mill's Culvert	5.5 m Existing Culvert Repair or Rehabilitation (Proposed from Local People)	Chandadandi Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
CHP-02	Repair	Chandadandi	-	Shah Alam's House to Bati Culvert	5.5 m Existing Culvert Repair or Rehabilitation (Proposed from Local People)	Chandadandi Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
ISB-02	Repair	Isanabad	-	Karm Government Primary School's Culvert	5.5 m Existing Culvert Repair or Rehabilitation (Proposed from Local People)	Ward-01 of Isanabad Union	Direct Beneficiaries/Interests to be protected	30	Short Term	High	Detailed Design Required	
ID	TYPE OF NEED	UNION	Official ID Number	Official Name of the Countermeasures	Plan Status (e.g. (new/continuing/abandoned)	Proponents	Beneficiaries/Interests to be protected	Estimated cost (TL)	Implementation Time Frame	Priority in Terms of Analysis	Detailed Design	Remarks

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ID	Type of Need	Official Number	Official Name of Countermeasures	Plan Status (e.g. new/continuing/pipe-lined/interdicted)	Proponents	Direct Beneficiaries/interests to be protected	Estimated cost (ac. Tls)	Short Term Implementation Time frame	Priority	Detailed Description	Remarks
EXP-Cat-01	Repair	CB	Paranassia	C-01	Govt. as Public Beach Cafe	5.5 m Existing Culvert Repair or Rehabilitation (Proposed from Local People)	Ward-11 of Cox's Bazar	30	High	Detailed Design Required	

ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Communitarians	Plan Status (e.g. (new/continuing/obsolete/unfunded)	Propponents	Direct Beneficiaries/Number to be protected	Estimated cost (Taka)	Implementation Time Frame	Priority	Remarks
82	CR-D-1a	CB	56	D-82	Dr. Md. Ahsan Uddin	New	125m New Drain Construction (Proposed from Local People)	125	125	Mid Term	Medium	Detailed Design Required
83	CR-D-1a	CB	80	D-83	Dr. Md. Ahsan Uddin	New	80m New Drain Construction (Proposed from Local People)	80	80	Mid Term	Medium	Detailed Design Required
84	CR-D-1a	CB	73	D-84	Dr. Md. Ahsan Uddin	New	73m New Drain Construction (Proposed from Local People)	73	73	Mid Term	Medium	Detailed Design Required
85	CR-D-1a	CB	40	D-85	Dr. Md. Ahsan Uddin	New	40m New Drain Construction (Proposed from Local People)	40	40	Mid Term	Medium	Detailed Design Required
86	CR-D-1a	CB	41	D-86	Dr. Md. Ahsan Uddin	New	41m New Drain Construction (Proposed from Local People)	41	41	Mid Term	Medium	Detailed Design Required
87	CR-D-1a	CB	204	D-87	Dr. Md. Ahsan Uddin	New	204m New Drain Construction (Proposed from Local People)	204	204	Mid Term	Medium	Detailed Design Required
88	CR-D-1a	CB	128	D-88	Dr. Md. Ahsan Uddin	New	128m New Drain Construction (Proposed from Local People)	128	128	Mid Term	Medium	Detailed Design Required
89	CR-D-1a	CB	14	D-89	Dr. Md. Ahsan Uddin	New	14m New Drain Construction (Proposed from Local People)	14	14	Mid Term	Medium	Detailed Design Required
90	CR-D-1a	CB	75	D-90	Dr. Md. Ahsan Uddin	New	75m New Drain Construction (Proposed from Local People)	75	75	Mid Term	Medium	Detailed Design Required
91	CR-D-1a	CB	60	D-91	Dr. Md. Ahsan Uddin	New	60m New Drain Construction (Proposed from Local People)	60	60	Mid Term	Medium	Detailed Design Required
92	CR-D-1a	CB	70	D-92	Dr. Md. Ahsan Uddin	New	70m New Drain Construction (Proposed from Local People)	70	70	Mid Term	Medium	Detailed Design Required
93	CR-D-1a	CB	235	D-93	Dr. Md. Ahsan Uddin	New	235m New Drain Construction (Proposed from Local People)	235	235	Mid Term	Medium	Detailed Design Required
94	CR-D-1a	CB	184	D-94	Dr. Md. Ahsan Uddin	New	184m New Drain Construction (Proposed from Local People)	184	184	Mid Term	Medium	Detailed Design Required
95	CR-D-1a	CB	225	D-95	Dr. Md. Ahsan Uddin	New	225m New Drain Construction (Proposed from Local People)	225	225	Mid Term	Medium	Detailed Design Required
96	CR-D-1a	CB	54	D-96	Dr. Md. Ahsan Uddin	New	54m New Drain Construction (Proposed from Local People)	54	54	Mid Term	Medium	Detailed Design Required
97	CR-D-1a	CB	210	D-97	Dr. Md. Ahsan Uddin	New	210m New Drain Construction (Proposed from Local People)	210	210	Mid Term	Medium	Detailed Design Required
98	CR-D-1a	CB	88	D-98	Dr. Md. Ahsan Uddin	New	88m New Drain Construction (Proposed from Local People)	88	88	Mid Term	Medium	Detailed Design Required
99	CR-D-1a	CB	142	D-99	Dr. Md. Ahsan Uddin	New	142m New Drain Construction (Proposed from Local People)	142	142	Mid Term	Medium	Detailed Design Required
100	CR-D-1a	CB	82	D-100	Dr. Md. Ahsan Uddin	New	82m New Drain Construction (Proposed from Local People)	82	82	Mid Term	Medium	Detailed Design Required
101	CR-D-1a	CB	101	D-101	Dr. Md. Ahsan Uddin	New	101m New Drain Construction (Proposed from Local People)	101	101	Mid Term	Medium	Detailed Design Required
102	CR-D-1a	CB	80	D-102	Dr. Md. Ahsan Uddin	New	80m New Drain Construction (Proposed from Local People)	80	80	Mid Term	Medium	Detailed Design Required
103	CR-D-1a	CB	125	D-103	Dr. Md. Ahsan Uddin	New	125m New Drain Construction (Proposed from Local People)	125	125	Mid Term	Medium	Detailed Design Required
104	CR-D-1a	CB	72	D-104	Dr. Md. Ahsan Uddin	New	72m New Drain Construction (Proposed from Local People)	72	72	Mid Term	Medium	Detailed Design Required
105	CR-D-1a	CB	303	D-105	Dr. Md. Ahsan Uddin	New	303m New Drain Construction (Proposed from Local People)	303	303	Mid Term	Medium	Detailed Design Required
106	CR-D-1a	CB	139	D-106	Dr. Md. Ahsan Uddin	New	139m New Drain Construction (Proposed from Local People)	139	139	Mid Term	Medium	Detailed Design Required
107	CR-D-1a	CB	120	D-107	Dr. Md. Ahsan Uddin	New	120m New Drain Construction (Proposed from Local People)	120	120	Mid Term	Medium	Detailed Design Required

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ID	TYPE OF NEED	UNION	LENGTH	Official ID Number	Official Name of Communitarians	Plan Status (e.g. (new/continuing/obsolete/unfunded)	Propponents	Direct Beneficiaries/Number to be protected	Estimated cost (Taka)	Implementation Time Frame	Priority	Remarks
53	CR-D-1a	CB	146	D-53	Dr. Md. Ahsan Uddin	New	146m New Drain Construction (Proposed from Local People)	146	146	Mid Term	Medium	Detailed Design Required
54	CR-D-1a	CB	789	D-54	Dr. Md. Ahsan Uddin	New	789m New Drain Construction (Proposed from Local People)	789	789	Mid Term	Medium	Detailed Design Required
55	CR-D-1a	CB	339	D-55	Dr. Md. Ahsan Uddin	New	339m New Drain Construction (Proposed from Local People)	339	339	Mid Term	Medium	Detailed Design Required
56	CR-D-1a	CB	135	D-56	Dr. Md. Ahsan Uddin	New	135m New Drain Construction (Proposed from Local People)	135	135	Mid Term	Medium	Detailed Design Required
57	CR-D-1a	CB	135	D-57	Dr. Md. Ahsan Uddin	New	135m New Drain Construction (Proposed from Local People)	135	135	Mid Term	Medium	Detailed Design Required
58	CR-D-1a	CB	135	D-58	Dr. Md. Ahsan Uddin	New	135m New Drain Construction (Proposed from Local People)	135	135	Mid Term	Medium	Detailed Design Required
59	CR-D-1a	CB	471	D-59	Dr. Md. Ahsan Uddin	New	471m New Drain Construction (Proposed from Local People)	471	471	Mid Term	Medium	Detailed Design Required
60	CR-D-1a	CB	440	D-60	Dr. Md. Ahsan Uddin	New	440m New Drain Construction (Proposed from Local People)	440	440	Mid Term	Medium	Detailed Design Required
61	CR-D-1a	CB	553	D-61	Dr. Md. Ahsan Uddin	New	553m New Drain Construction (Proposed from Local People)	553	553	Mid Term	Medium	Detailed Design Required
62	CR-D-1a	CB	440	D-62	Dr. Md. Ahsan Uddin	New	440m New Drain Construction (Proposed from Local People)	440	440	Mid Term	Medium	Detailed Design Required
63	CR-D-1a	CB	162	D-63	Dr. Md. Ahsan Uddin	New	162m New Drain Construction (Proposed from Local People)	162	162	Mid Term	Medium	Detailed Design Required
64	CR-D-1a	CB	190	D-64	Dr. Md. Ahsan Uddin	New	190m New Drain Construction (Proposed from Local People)	190	190	Mid Term	Medium	Detailed Design Required
65	CR-D-1a	CB	228	D-65	Dr. Md. Ahsan Uddin	New	228m New Drain Construction (Proposed from Local People)	228	228	Mid Term	Medium	Detailed Design Required
66	CR-D-1a	CB	64	D-66	Dr. Md. Ahsan Uddin	New	64m New Drain Construction (Proposed from Local People)	64	64	Mid Term	Medium	Detailed Design Required
67	CR-D-1a	CB	590	D-67	Dr. Md. Ahsan Uddin	New	590m New Drain Construction (Proposed from Local People)	590	590	Mid Term	Medium	Detailed Design Required
68	CR-D-1a	CB	83	D-68	Dr. Md. Ahsan Uddin	New	83m New Drain Construction (Proposed from Local People)	83	83	Mid Term	Medium	Detailed Design Required
69	CR-D-1a	CB	50	D-69	Dr. Md. Ahsan Uddin	New	50m New Drain Construction (Proposed from Local People)	50	50	Mid Term	Medium	Detailed Design Required
70	CR-D-1a	CB	106	D-70	Dr. Md. Ahsan Uddin	New	106m New Drain Construction (Proposed from Local People)	106	106	Mid Term	Medium	Detailed Design Required
71	CR-D-1a	CB	90	D-71	Dr. Md. Ahsan Uddin	New	90m New Drain Construction (Proposed from Local People)	90	90	Mid Term	Medium	Detailed Design Required
72	CR-D-1a	CB	85	D-72	Dr. Md. Ahsan Uddin	New	85m New Drain Construction (Proposed from Local People)	85	85	Mid Term	Medium	Detailed Design Required
73	CR-D-1a	CB	73	D-73	Dr. Md. Ahsan Uddin	New	73m New Drain Construction (Proposed from Local People)	73	73	Mid Term	Medium	Detailed Design Required
74	CR-D-1a	CB	57	D-74	Dr. Md. Ahsan Uddin	New	57m New Drain Construction (Proposed from Local People)	57	57	Mid Term	Medium	Detailed Design Required
75	CR-D-1a	CB	91	D-75	Dr. Md. Ahsan Uddin	New	91m New Drain Construction (Proposed from Local People)	91	91	Mid Term	Medium	Detailed Design Required
76	CR-D-1a	CB	95	D-76	Dr. Md. Ahsan Uddin	New	95m New Drain Construction (Proposed from Local People)	95	95	Mid Term	Medium	Detailed Design Required
77	CR-D-1a	CB	53	D-77	Dr. Md. Ahsan Uddin	New	53m New Drain Construction (Proposed from Local People)	53	53	Mid Term	Medium	Detailed Design Required
78	CR-D-1a	CB	78	D-78	Dr. Md. Ahsan Uddin	New	78m New Drain Construction (Proposed from Local People)	78	78	Mid Term	Medium	Detailed Design Required
79	CR-D-1a	CB	54	D-79	Dr. Md. Ahsan Uddin	New	54m New Drain Construction (Proposed from Local People)	54	54	Mid Term	Medium	Detailed Design Required
80	CR-D-1a	CB	54	D-80	Dr. Md. Ahsan Uddin	New	54m New Drain Construction (Proposed from Local People)	54	54	Mid Term	Medium	Detailed Design Required
81	CR-D-1a	CB	43	D-81	Dr. Md. Ahsan Uddin	New	43m New Drain Construction (Proposed from Local People)	43	43	Mid Term	Medium	Detailed Design Required

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f) Facilities for Water (e.g., Tube well, pipeline and Latrine)

ID	TYPE	UNION	LOCATION	Official ID Number	Official Name of the project/road	Plan Status (R.G.)	Proponents	Estimated time to be completed (in)	Remarks
OP-10	NEW	CB		400	Drain, Pathnagar para to CDB	400 New Drain Construction (Proposed from Pathnagar)	400 New Drain Construction (Proposed from Pathnagar)	400 New Drain Construction (Proposed from Pathnagar)	Detailed Design Required
OP-11	NEW	CB		294	Kazi Mianar West side to Kazi Mianar Road	294 New Drain Construction (Proposed from Pathnagar)	294 New Drain Construction (Proposed from Pathnagar)	294 New Drain Construction (Proposed from Pathnagar)	Detailed Design Required
OP-12	Proposed	CB		73	Drain, Uthor Mianar Company Dock	73 New Drain Construction (Proposed from Pathnagar)	73 New Drain Construction (Proposed from Pathnagar)	73 New Drain Construction (Proposed from Pathnagar)	Detailed Design Required
OP-13	Proposed	CB		48	Drain, Mohammed Mossini Road	48 New Drain Construction (Proposed from Pathnagar)	48 New Drain Construction (Proposed from Pathnagar)	48 New Drain Construction (Proposed from Pathnagar)	Detailed Design Required
OP-19	Proposed	CB		366	Drain, P-Kishore Bhaman Road/B&C Camp	366 New Drain Construction (Proposed from Pathnagar)	366 New Drain Construction (Proposed from Pathnagar)	366 New Drain Construction (Proposed from Pathnagar)	Detailed Design Required
OP-20	Proposed	CB		307	Drain, Rustom Ali Bati to Taha Medical Hall	307 New Drain Construction (Proposed from Pathnagar)	307 New Drain Construction (Proposed from Pathnagar)	307 New Drain Construction (Proposed from Pathnagar)	Detailed Design Required
OP-21	Proposed	CB		432	Drain, From Sura Road to TMC Club High School hope	432 New Drain Construction (Proposed from Pathnagar)	432 New Drain Construction (Proposed from Pathnagar)	432 New Drain Construction (Proposed from Pathnagar)	Detailed Design Required
OP-22	Proposed	CB		558	Drain, Kishore to Kishore to M/K Kishore to Kishore	558 New Drain Construction (Proposed from Pathnagar)	558 New Drain Construction (Proposed from Pathnagar)	558 New Drain Construction (Proposed from Pathnagar)	Detailed Design Required
OP-23	Proposed	CB		403	Drain, From Police Camp to Kishore	403 New Drain Construction (Proposed from Pathnagar)	403 New Drain Construction (Proposed from Pathnagar)	403 New Drain Construction (Proposed from Pathnagar)	Detailed Design Required
OP-24	Proposed	CB		922	Drain, From Pathnagar to Zail Gate Road	922 New Drain Construction (Proposed from Pathnagar)	922 New Drain Construction (Proposed from Pathnagar)	922 New Drain Construction (Proposed from Pathnagar)	Detailed Design Required
OP-25	Proposed	CB		538	Drain, Budhania Bagan Road	538 New Drain Construction (Proposed from Pathnagar)	538 New Drain Construction (Proposed from Pathnagar)	538 New Drain Construction (Proposed from Pathnagar)	Detailed Design Required

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ID	TYPE OF	UNION	LENGTH	Official Number	Official Name of (new) Contributing	Comments/Recommendations	Proposers	Direct	Estimated	Implementation Time Frame	Remarks
OP-PA-108	Proposed	CS	132	D-108	Drain, Amir Hussain	Sanctuary House to Bapji Road	New	12m New Drain Construction (Proposed from Local People)	Ward-12 of Cox's Bazar Panchayat	Mid Term	Deatiled Design Required
OP-PA-110	Proposed	CS	155	D-110	Drain, Light House	Drain, Light House	New	9.5m New Drain Construction (Proposed from Local People)	Ward-12 of Cox's Bazar Panchayat	Mid Term	Deatiled Design Required
OP-PA-111	Proposed	CS	368	D-111	Drain, Basimra Para Subi	House Main Road Adjacent	New	36m New Drain Construction (Proposed from Local People)	Ward-12 of Cox's Bazar Panchayat	Midium	Deatiled Design Required
OP-PA-01	Proposed	CS	777	D-01	Drain, Basimra Para Subi	Religious Mosque to Court	New	777m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	High	Deatiled Design Required
OP-PA-02	Proposed	CS	749	D-02	Drain, Khatu Bazar	Shop Road	New	749m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	High	Deatiled Design Required
OP-PA-03	Proposed	CS	934	D-03	Drain, West Subi Road	Drain, From West Subi Road to Old Market, the Bazar Road	New	934m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	High	Deatiled Design Required
OP-PA-04	Proposed	CS	768	D-04	Drain, Chhatgar	Drain, Chhatgar	New	768m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	High	Deatiled Design Required
OP-PA-05	Proposed	CS	348	D-05	Drain, Moddum	Shop Road	New	348m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	Mid Term	Deatiled Design Required
OP-PA-06	Proposed	CS	632	D-06	Drain, Baloch Shop	para Baloch Shop of Mosque	New	632m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	High	Deatiled Design Required
OP-PA-07	Proposed	CS	1245	D-07	Drain, Baloch Shop	Modjo to Dakti Balam Road	New	1245m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	High	Deatiled Design Required
OP-PA-14	Proposed	CS	131	D-08	Drain, Saniat Para 10	Drain, Saniat Para 10	New	131m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	Mid Term	Deatiled Design Required
OP-PA-15	Proposed	CS	174	D-09	Drain, Saniat Para 7	Drain, Saniat Para 7	New	174m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	Mid Term	Deatiled Design Required
OP-PA-16	Proposed	CS	236	D-10	Drain, Saniat Para 8	Drain, Saniat Para 8	New	236m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	High	Deatiled Design Required
OP-PA-17	Proposed	CS	247	D-11	Drain, Saniat Para 9	Drain, Saniat Para 9	New	247m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	High	Deatiled Design Required
OP-PA-18	Proposed	CS	248	D-12	Drain, Saniat Para 2	Drain, Saniat Para 2	New	248m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	High	Deatiled Design Required
OP-PA-26	Proposed	CS	189	D-13	Drain, Basimra Para Subi	Basar Shops to Basimra Para Subi	New	189m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	High	Deatiled Design Required
OP-PA-27	Proposed	CS	192	D-14	Drain, CCGB	Basir Fendus Mosque West Side Road	New	192m New Drain Construction (Proposed from Local People)	Ward-01 of Cox's Bazar Panchayat	High	Deatiled Design Required
OP-PA-08	Proposed	CS	248	D-30	Drain, CCGB	CCGB to West Tower	New	248m New Drain Construction (Proposed from Local People)	Ward-02 of Cox's Bazar Panchayat	High	Deatiled Design Required
OP-PA-09	Proposed	CS	172	D-31	Drain, Panchipur	Drain, Panchipur	New	172m New Drain Construction (Proposed from Local People)	Ward-02 of Cox's Bazar Panchayat	High	Deatiled Design Required

CATEGORY	ID	TYPE	NEED	UNION	Official ID Number	Official Name of Countermeasures	Plan Status (e.g. New/continuing/undecided)	Proponents	Estimated cost (Taka)	Implementation Time Frame	Priority in Hazard Analysis	Remarks
Warehouse	-	-	-	All Union	-	Warehouse	New	1 Nos. New Construction (Proposed from Upzila Office)	41000 Nos. People of All Upazila	500	Short Term	Need to take initiative from TSC

Project by DPH

g) Other infrastructures and facilities for emergency operations

Tubewell	-	-	-	Repair	Bharuakhali	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	45000 Nos. People of All Upazila	60	Mid Term	Detailed Design Required
Tubewell	-	-	-	Repair	Chauladandi	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	50000 Nos. People of All Upazila	60	Mid Term	Detailed Design Required
Tubewell	-	-	-	Repair	Patali	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	40000 Nos. People of All Upazila	60	Mid Term	Detailed Design Required
Tubewell	-	-	-	Repair	Machhuakhali	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	108000 Nos. People of All Upazila	60	Mid Term	Detailed Design Required
Tubewell	-	-	-	Repair	Khirusakuli	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	140000 Nos. People of All Upazila	60	Mid Term	Detailed Design Required
Tubewell	-	-	-	Repair	Pokkhali	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	41000 Nos. People of All Upazila	60	Mid Term	Detailed Design Required
Tubewell	-	-	-	Repair	Jalabadd	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	34750 Nos. People of All Upazila	60	Mid Term	Detailed Design Required
Tubewell	-	-	-	Repair	Islampur	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	49195 Nos. People of All Upazila	60	Mid Term	Detailed Design Required
Tubewell	-	-	-	Repair	Islamabad	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	68788 Nos. People of All Upazila	60	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Ilgason	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	45000 Nos. People of All Upazila	-	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Bharuakhali	Shallow Tubewell	New	5000 Nos. New Construction (Proposed from Upzila Office)	50000 Nos. People of All Upazila	20	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Chauladandi	Shallow Tubewell	New	5000 Nos. New Construction (Proposed from Upzila Office)	40000 Nos. People of All Upazila	60	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Patali	Shallow Tubewell	New	5000 Nos. New Construction (Proposed from Upzila Office)	108000 Nos. People of All Upazila	120	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Khirusakuli	Shallow Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	140000 Nos. People of All Upazila	-	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Pokkhali	Shallow Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	41000 Nos. People of All Upazila	-	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Jalabadd	Shallow Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	34750 Nos. People of All Upazila	60	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Islampur	Shallow Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	49195 Nos. People of All Upazila	32	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Islamabad	Shallow Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	68788 Nos. People of All Upazila	40	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Ilgason	Shallow Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	45000 Nos. People of All Upazila	1,838	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Bharuakhali	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	50000 Nos. People of All Upazila	1,235	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Chauladandi	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	40000 Nos. People of All Upazila	-	Mid Term	Detailed Design Required

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Tubewell	-	-	-	New	Machhuakhali	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	40000 Nos. People of All Upazila	875	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Patali	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	40000 Nos. People of All Upazila	1,050	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Khirusakuli	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	108000 Nos. People of All Upazila	88	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Pokkhali	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	41000 Nos. People of All Upazila	1,050	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Jalabadd	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	34750 Nos. People of All Upazila	350	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Islampur	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	49195 Nos. People of All Upazila	350	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Islamabad	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	68788 Nos. People of All Upazila	700	Mid Term	Detailed Design Required
Tubewell	-	-	-	New	Ilgason	Community Tubewell	New	3000 Nos. New Construction (Proposed from Upzila Office)	45000 Nos. People of All Upazila	2,580	Short Term	Need to take initiative from TSC
Public Toilet	-	-	-	New	All Union	Public Toilet	New	1200 Nos. New Construction (Proposed from Upzila Office)	140000 Nos. People of All Upazila	600	Short Term	Need to take initiative from TSC
Mobile Water Treatment Plant	-	-	-	New	All Union	Mobile Water Treatment Plant	New	500 Nos. New Construction (Proposed from Upzila Office)	40000 Nos. People of All Upazila	5	Mid Term	Detailed Design Required
Mini pipe water	-	-	-	New	Bharuakhali	Mini pipe water	New	3000 Nos. New Construction (Proposed from Upzila Office)	40000 Nos. People of All Upazila	5	Mid Term	Detailed Design Required
Mini pipe water	-	-	-	New	Chauladandi	Mini pipe water	New	3000 Nos. New Construction (Proposed from Upzila Office)	50000 Nos. People of All Upazila	5	Mid Term	Detailed Design Required
Mini pipe water	-	-	-	New	Machhuakhali	Mini pipe water	New	3000 Nos. New Construction (Proposed from Upzila Office)	108000 Nos. People of All Upazila	5	Mid Term	Detailed Design Required
Mini pipe water	-	-	-	New	Patali	Mini pipe water	New	3000 Nos. New Construction (Proposed from Upzila Office)	40000 Nos. People of All Upazila	3	Mid Term	Detailed Design Required
Mini pipe water	-	-	-	New	Khirusakuli	Mini pipe water	New	3000 Nos. New Construction (Proposed from Upzila Office)	140000 Nos. People of All Upazila	5	Mid Term	Detailed Design Required
Mini pipe water	-	-	-	New	Pokkhali	Mini pipe water	New	3000 Nos. New Construction (Proposed from Upzila Office)	41000 Nos. People of All Upazila	5	Mid Term	Detailed Design Required
Mini pipe water	-	-	-	New	Jalabadd	Mini pipe water	New	3000 Nos. New Construction (Proposed from Upzila Office)	34750 Nos. People of All Upazila	5	Mid Term	Detailed Design Required
Mini pipe water	-	-	-	New	Islampur	Mini pipe water	New	3000 Nos. New Construction (Proposed from Upzila Office)	49195 Nos. People of All Upazila	8	Mid Term	Detailed Design Required
Mini pipe water	-	-	-	New	Islamabad	Mini pipe water	New	3000 Nos. New Construction (Proposed from Upzila Office)	68788 Nos. People of All Upazila	5	Mid Term	Detailed Design Required
Mini pipe water	-	-	-	New	Ilgason	Mini pipe water	New	3000 Nos. New Construction (Proposed from Upzila Office)	45000 Nos. People of All Upazila	1,016	Mid Term	Detailed Design Required
Latrines	-	-	-	New	Bharuakhali	Household Latrine	New	1200 Nos. New Construction (Proposed from Upzila Office)	40000 Nos. People of All Upazila	944	Mid Term	Detailed Design Required
Latrines	-	-	-	New	Chauladandi	Household Latrine	New	1200 Nos. New Construction (Proposed from Upzila Office)	50000 Nos. People of All Upazila	1,176	Mid Term	Detailed Design Required
Latrines	-	-	-	New	Machhuakhali	Household Latrine	New	1200 Nos. New Construction (Proposed from Upzila Office)	108000 Nos. People of All Upazila	2,000	Mid Term	Detailed Design Required
Latrines	-	-	-	New	Khirusakuli	Household Latrine	New	1200 Nos. New Construction (Proposed from Upzila Office)	140000 Nos. People of All Upazila	480	Mid Term	Detailed Design Required
Latrines	-	-	-	New	Pokkhali	Household Latrine	New	1200 Nos. New Construction (Proposed from Upzila Office)	41000 Nos. People of All Upazila	320	Mid Term	Detailed Design Required
Latrines	-	-	-	New	Jalabadd	Household Latrine	New	1200 Nos. New Construction (Proposed from Upzila Office)	34750 Nos. People of All Upazila	944	Mid Term	Detailed Design Required
Latrines	-	-	-	New	Islampur	Household Latrine	New	1200 Nos. New Construction (Proposed from Upzila Office)	49195 Nos. People of All Upazila	280	Mid Term	Detailed Design Required
Latrines	-	-	-	New	Islamabad	Household Latrine	New	1200 Nos. New Construction (Proposed from Upzila Office)	68788 Nos. People of All Upazila	960	Mid Term	Detailed Design Required
Latrines	-	-	-	New	Ilgason	Household Latrine	New	1200 Nos. New Construction (Proposed from Upzila Office)	45000 Nos. People of All Upazila	5	Mid Term	Detailed Design Required
Community Latrine	-	-	-	New	Bharuakhali	Community Latrine	New	3000 Nos. New Construction (Proposed from Upzila Office)	40000 Nos. People of All Upazila	-	Mid Term	Detailed Design Required

**Attachment 2: List of the Members of UzDMC for the development of the LDRRA
Plan in Cox's Bazar Sadar**

(1) UzDMC Members				
Sl. #	Name	Designation	Department/ Ministry	Position in Committee
01	Kaisarul Haque Jewel	Upazila Chairman	MOLGRD&C	Chairperson
02	Mr. Md Zakaria	Upazila Nirbahi Officer	MoPA	Co -Chairperson
03	Mr. Muzibur Rahman	Mayor, Municipality, Cox's Bazar	MOLGRD&C	Member
04	Mr. Rashid Mijan	Upazila Vice Chairman	MOLGRD&C	Member
05	Ms. Hamida Taher	Upazila Vice Chairman	MOLGRD&C	Member
06	Mr. Abdul Kader Gani	Executive Engineer	PDB	Member
07	Mr. Zillur Rahman	Asst. Commissioner	MoL	Member
08	Mr. Touhidul Islam	(Land) Upazila Engineer	LGED	Member
09	Mr. Md. Al- Amin	Sub- Asst. Engineer	DPHE	Member
10	Mr. Md. Zahid Hasan	Upazila Md. Officer	DAE	Member
11	Mr. Tarapada Chowhan	Upazila Fishery Officer	MoL&F	Member
12	Dr. Ashim Boron Sen	Upazila Livestock Officer	MoL&F	Member
13	Mr. Atiqur Rahman Chow.	Deputy Director, Statistics Dept.	BoS-MoP	Member
14	Md. Mahbubur Rahman	Upazila Youth Dev. Officer	MoY	Member
15	Mr. Subrata Biswas	Deputy Director, Women and Children Department	MoSW	Member
16	Mr. Jewel Bhuiyan	Upazila Ansar & VDP Officer	MoD	Member
17	Ms. Rokshana Akhter Bristy	Upazila Women Affairs Officer	MoWA	Member
18	Md. Saiful Islam	Upazila Rural Dev. Officer	MOLGRD&C	Member
19	Dr. Radia Afrin	Upazila Health & Family Planning Officer	MoHFW	Member
20	Md. Salehuddin	Upazila Food Controller	MoF	Member
21	Kazi Md. Motiul Islam	Officer In Charge, Sadar Police Station	MoH	Member
22	Mr. Selim Uddin	Upazila Secondary Education Officer	MoE	Member
23	Mr. Saifur Rahman	Upazila Primary Education Officer	MoP&ME	Member
24	Dr. Md. Rakibullah	Upazila Family Planning Officer	MoHFW	Member
25	Mr. Hasanul Amin	Deputy Director, CPP	CPP	Member
26	Mr. Atish Chakma	Dy. Assistant Director, FSCD	MoD	Member
27	Mr. Khairul Bashhar Siraji	Principal, Churutia Sr. Madrasa	Religious Inst.	Member
28	Mr. Saiful Islam	Unit Officer, BDRC Society	BDRC Society	Member
29	Mr. Md. Rakibul Alam	AGM, REB	REB	Member
30	Mr. Mithun Wardder	Representative, BWDB	BWDB	Member
31	Mr. Al-Haj Fasilul Alam	President, BRDB Samity	BRDB	Member
32	Mr. Abul Kalam	Union Parishad Chairman, Islampur UP	MOLGRD&C	Member

Attachment 2-1

Attachment 1-38

[illegible]

Projects by DGHS

CATEGORY	ID	TYPE N/E/P	UNION	Official Name of Countermeasures	Priority Indicators (to be discussed)	Estimated Completion Date (%)	Implementation Time Frame	Status	Remarks
Physical Barrier (3000)	-	New	All Union	Water Carrier (3000)	-	800	Short Term	High	Need to take initiative
Physical Vehicle	-	New	All Union	Payed Car	-	400	Short Term	High	Need to take initiative
Airry Car	-	New	All Union	Personal Vehicle	-	100	Short Term	High	Need to take initiative from ISC
Soild Waste Management	-	New	All Union	Soild waste management	-	1,500	Short Term	High	Need to take initiative from ISC

Projects by DPHE

[illegible]

Projects by BDRCS

5. Other Non-structural Countermeasures

[illegible]

Projects by BDRCS

4.Raising Public Awareness and Disaster Education

Category	ID	Need	Union	Official Number	Training On Disaster	Risk Reduction	Proposers	Proposed	Remarks
Training On Disaster	-	-	All Union	New	Training On Disaster	Risk Reduction	30% of Union (Proposed)	280000 Mos. People of All Levels	Need to take into consideration
Training On Disaster	YD 1972	Need	Union	Official Number	Training On Disaster	Risk Reduction	30% of Union (Proposed)	280000 Mos. People of All Levels	Need to take into consideration

Projects by BDRCS

3. Disaster Management Training and materials

Sl. #	Name	Designation	Department/Ministry	Position in Committee
33.	Mr. Rafiq Ahamed	Union Parishad Chairman, Pokhkhali UP	MoLGRD&C	Member
34.	Mr. Md. Nur Siddiq	Union Parishad Chairman, Islambad UP	MoLGRD&C	Member
35.	Mr. Md. Syed Alam	Union Parishad Chairman, Eidgaon UP	MoLGRD&C	Member
36.	Mr. Imrul Hasan Rashed	Union Parishad Chairman, Jalalabad UP	MoLGRD&C	Member
37.	Mr. Mujibur Rahman	Union Parishad Chairman, Chowfildandi UP	MoLGRD&C	Member
38.	Mr. Kamal Uddin	Union Parishad Chairman, Varuakhali UP	MoLGRD&C	Member
39.	Mr. Md. Abdullah	Union Parishad Chairman, PM Khali UP	MoLGRD&C	Member
40.	Mr. Md. Shahjan Siddique	Union Parishad Chairman, Khurushkul UP	MoLGRD&C	Member
41.	Mr. Tipu Sultan	Union Parishad Chairman, Jhilanja UP	MoLGRD&C	Member
42.	Ms. Sabina Yesmin	MUP, Chofuldandi	MoLGRD&C	Member
43.	Ms. Archana Prova Dey	MUP, Khurushkul	MoLGRD&C	Member
44.	Ms. Khaleda Mehabuba Akhter	MUP, Jhilanja	MoLGRD&C	Member
45.	Mr. Monirul Alam	Local Elite	NGO	Member
46.	Mr. Ajit Nandi	NGO Representative (BRAC)	NGO	Member
47.	Mr. Khorshed Alam	NGO Representative (Mukti)	NGO	Member
48.	NGO Representative	CARE BD	NGO	Member
49.	Mr. Raj Kumar Shil	Project Imp. Officer (PIO)	DDM	Member Secretary

ককসবজার সদর উপজেলা দুর্যোগ ব্যবস্থাপনা কমিটি				
স্থানীয় দুর্যোগ ঝুঁকি নিরূপন বিষয়ক ৪র্থ কর্মশালায় অংশগ্রহণকারীদের নামের তালিকা				
স্থান : এ.এ. শাহাবুদ্দিন আহমেদ মিলনায়তন, উপজেলা পরিষদ ককসবজার সদর, তারিখ: ২৫ জুলাই, ২০২৩				
ক্র. নং	নাম	পদবী	পদবী	মোবাইল নম্বর ও ইমেইল
০১	জনার কাউন্সিলর হক জুয়েল	উপজেলা মোরামান	সদস্য	
০২	জনার মো. জাকারিয়া	উপজেলা নির্বাহী কর্মকর্তা	কো-চয়ারপার্সন	
০৩	জনার মুজিবুর রহমান	মেয়র, ককসবজার পৌরসভা	সদস্য	
০৪	জনার রাশিদ মিয়া	ভাইস মোরামান, উপজেলা পরিষদ	সদস্য	
০৫	জনার হামিদা তহের	মহিলা জাইস মোরামান, উপজেলা পরিষদ	সদস্য	
০৬	জনার আবদুল কাদের পণি	নির্বাহী কর্মকর্তা নগরী নিম্নতম উন্নয়ন বোর্ড	সদস্য	
০৭	জনার জুবর রহমান	সহকারী কমিশনার (লাভ)	সদস্য	
০৮	জনার তৌহিদুল ইসলাম	উপজেলা প্রকৌশলী, এলজিইডি	সদস্য	
০৯	জনার মো. আল-আমীন	উপসহকারী প্রকৌশলী, ডিপিএইচই	সদস্য	
১০	জনার মো. জাহিদ হাসান	উপজেলা কৃষি কর্মকর্তা	সদস্য	
১১	জনার তপস্বী চৌধুরী	উপজেলা মৎস্য কর্মকর্তা	সদস্য	
১২	জনার ডা. অরশাদ হান্না সেন	উপজেলা প্রাথমিক শিক্ষা কর্মকর্তা	সদস্য	
১৩	জনার আব্দুল রহমান চৌধুরী	উপজেলা স্বাস্থ্য কর্মকর্তা	সদস্য	
১৪	জনার মাহবুবুর রহমান	উপজেলা যুব ত্রাণ কর্মকর্তা	সদস্য	
১৫	জনার সুভদ্রা বিশ্বাস	উপজেলা সার্বজনিক মজিদা ও শিশু অধিদপ্তর	সদস্য	
১৬	জনার জুবর চৌধুরী	উপজেলা সনাক্ত সেবা কর্মকর্তা	সদস্য	
১৭	জনার প্রদীপ কল্যাণ	উপজেলা সনাক্ত সেবা কর্মকর্তা	সদস্য	
১৮	জনার সাইফুল ইসলাম	উপজেলা পল্লী উন্নয়ন কর্মকর্তা	সদস্য	
১৯	জনার ডা. রাশিদা আরাফিন	উপজেলা স্বাস্থ্য ও পরিবার পরিকল্পনা কর্মকর্তা	সদস্য	
২০	জনার সালেহ উদ্দিন	উপজেলা মানব কর্মকর্তা	সদস্য	
২১	জনার মনিরুল হক দিয়ার	অতিরিক্ত ইনচার্জ (পুলিশ)	সদস্য	
২২	জনার মো. সেলিম উদ্দিন	উপজেলা প্রাথমিক শিক্ষা কর্মকর্তা	সদস্য	
২৩	জনার মো. সাইফুর রহমান	উপজেলা প্রাথমিক শিক্ষা কর্মকর্তা	সদস্য	
২৪	জনার ডা. মো. রশিদ উল্লাহ	উপজেলা পরিবার পরিকল্পনা কর্মকর্তা	সদস্য	
২৫	জনার হাসানুল হক	উপ-পরিচালক নিগম	সদস্য	
২৬	জনার অরশাদ চৌধুরী	উপ-সহকারী পরিচালক	সদস্য	
২৭	জনার মো. সাইফুল কবীর	জ্যেষ্ঠ, মুক্তিযোদ্ধা পরিবার মজিদা	সদস্য	
২৮	জনার মো. সাইফুল ইসলাম	ইউনিট লেফটেন্যান্ট অফিসার	সদস্য	
		বাংলাদেশ রেড ক্রিসেন্ট সোসাইটি, ককসবজার	সদস্য	

ক্র. স্র.	নাম	পদবী	উপজেলা মোহাম্মদ	পদবী	স্বাক্ষরিত তারিখ ও ইমেইল
১৯	জনাব মোঃ হাফিজুল আলম	এজিএম, পল্লী বিদ্যুৎ উন্নয়ন বোর্ড	উপজেলা	সদস্য	
২০	জনাব মিল্লু ওয়াহিদার	এজিএম - পল্লী উন্নয়ন বোর্ড	উপজেলা	সদস্য	
২১	জনাব আলহাজ্ব ফজিল আলম	সভাপতি বিজ্ঞানভিত্তিক	উপজেলা	সদস্য	
২২	জনাব আবুল কালাম	গোৱালদা, ০১ নং ইসলামপুর ইউপি	উপজেলা	সদস্য	
২৩	জনাব রফিক আহমদ	গোৱালদা, ০২ নং পোখালী ইউপি	উপজেলা	সদস্য	
২৪	জনাব মোঃ নূর সিদ্দিক	গোৱালদা, ০৩ নং ইসলামাবাদ ইউপি	উপজেলা	সদস্য	
২৫	জনাব মোঃ হেদাদ আলম	গোৱালদা, ০৪ নং ইদনা ইউপি	উপজেলা	সদস্য	
২৬	জনাব ইমরুল হাসান রাশেদ	গোৱালদা, ০৫ নং জালালাবাদ ইউপি	উপজেলা	সদস্য	
২৭	জনাব মুজিবুর রহমান	গোৱালদা, ০৬ নং চৌধুরাতি ইউপি	উপজেলা	সদস্য	
২৮	জনাব কামাল উদ্দিন	গোৱালদা, ০৭ নং ভাটখালী ইউপি	উপজেলা	সদস্য	
২৯	জনাব মোঃ আবদুল্লাহ	গোৱালদা, ০৮ নং পিএমখালী ইউপি	উপজেলা	সদস্য	
৩০	জনাব শাহজাহান সিদ্দিকী	গোৱালদা, ০৯ নং ফুলশুলা ইউপি	উপজেলা	সদস্য	
৩১	জনাব টিপু সুলতান	গোৱালদা, ১০ নং বিলুয়া ইউপি	উপজেলা	সদস্য	
৩২	জনাবা সারিনা ইয়াতিন	এমইউপি ০৬ নং চৌধুরাতি ইউপি	উপজেলা	সদস্য	
৩৩	জনাবা অরুণা হুদা সৈ	এমইউপি ০৯ নং ফুলশুলা ইউপি	উপজেলা	সদস্য	
৩৪	জনাবা খালেদা মেহেদী আক্তার	এমইউপি ১০ নং বিলুয়া ইউপি	উপজেলা	সদস্য	
৩৫	জনাব মলিকুল আলম	আলিয়া গণমাধ্যম ব্যক্তি	উপজেলা	সদস্য	
৩৬	জনাব অজিত দলী	এমজিও এজিএম - গ্র্যাক	উপজেলা	সদস্য	
৩৭	জনাব মোহাম্মদ আলম	এমজিও এজিএম - মুক্ত	উপজেলা	সদস্য	
৩৮	জনাব ডাঃ শামসুল হুদা	উপজেলা কমান্ডার, মৃত্যুযোদ্ধা কমান্ডার	উপজেলা	সদস্য	
৩৯	জনাব রাজ কুমার শীল	উপজেলা প্রবন্ধ বাস্তবায়ন কর্মকর্তা	উপজেলা	সদস্য	

(স্বাক্ষর)
স্বাক্ষরিত তারিখ: ১৫ জুলাই, ২০২৩
উপজেলা প্রবন্ধ বাস্তবায়ন কর্মকর্তা

ক্র. স্র.	নাম	পদবী	উপজেলা মোহাম্মদ	পদবী	স্বাক্ষরিত তারিখ ও ইমেইল
০১	জনাব কাউন্সিলর হক জুবলা	উপজেলা মোহাম্মদ	উপজেলা	সদস্য	
০২	জনাব মোঃ জাহিদুল	উপজেলা নির্বাহী কর্মকর্তা	উপজেলা	সদস্য	
০৩	জনাব মুজিবুর রহমান	মেয়র, কক্সবাজার পৌরসভা	উপজেলা	সদস্য	
০৪	জনাব রশিদ মিয়া	আইসি মোহাম্মদ, উপজেলা পরিষদ	উপজেলা	সদস্য	
০৫	জনাব হামিদা হায়েদ	পরিষদ	উপজেলা	সদস্য	
০৬	জনাব আবদুল কাদের গণি	নির্বাহী প্রকৌশলী বিদ্যুৎ উন্নয়ন বোর্ড	উপজেলা	সদস্য	
০৭	জনাব জিহুর রহমান	সহকারী কমিশনার (পানি)	উপজেলা	সদস্য	
০৮	জনাব তৌফিকুল ইসলাম	উপজেলা প্রকৌশলী, এজিএম	উপজেলা	সদস্য	
০৯	জনাব মোঃ আল-আমিন	উপজেলা প্রকৌশলী, এজিএম	উপজেলা	সদস্য	
১০	জনাব মোঃ জাহিদ হাসান	উপজেলা কৃষি কর্মকর্তা	উপজেলা	সদস্য	
১১	জনাব তরফদার চৌধুরাতি	উপজেলা মৎস্য কর্মকর্তা	উপজেলা	সদস্য	
১২	জনাব ডাঃ জাহিদ হুদা সৈ	উপজেলা প্রাণীক সপ্পন কর্মকর্তা	উপজেলা	সদস্য	
১৩	জনাব আতিকুর রহমান চৌধুরী	উপজেলা মৎস্য কর্মকর্তা	উপজেলা	সদস্য	
১৪	জনাব মহম্মদুল রহমান	উপজেলা মৎস্য কর্মকর্তা	উপজেলা	সদস্য	
১৫	জনাব সুরত বিজয়া	উপজেলা মৎস্য কর্মকর্তা	উপজেলা	সদস্য	
১৬	জনাব জুবলা হুদা	উপজেলা মৎস্য কর্মকর্তা	উপজেলা	সদস্য	
১৭	জনাব সাইফুল ইসলাম	উপজেলা পল্লী উন্নয়ন কর্মকর্তা	উপজেলা	সদস্য	
১৮	জনাব ডাঃ হাদিসা আরেবিন	উপজেলা স্বাস্থ্য ও পরিবার পরিকল্পনা কর্মকর্তা	উপজেলা	সদস্য	
১৯	জনাব সালেহ উদ্দিন	উপজেলা খাদ্য কর্মকর্তা	উপজেলা	সদস্য	
২০	জনাব মলিকুল হক নিয়াজ	উপজেলা খাদ্য কর্মকর্তা	উপজেলা	সদস্য	
২১	জনাব মোঃ সৌদিম উদ্দিন	উপজেলা মাধ্যমিক শিক্ষা কর্মকর্তা	উপজেলা	সদস্য	
২২	জনাব মোঃ সাইফুর রহমান	উপজেলা প্রাথমিক শিক্ষা কর্মকর্তা	উপজেলা	সদস্য	
২৩	জনাব ডাঃ মোঃ রুজিব উদ্দিন	উপজেলা পরিবার পরিকল্পনা কর্মকর্তা	উপজেলা	সদস্য	
২৪	জনাব হাসানুল জাহিদ	উপজেলা পরিবার পরিকল্পনা কর্মকর্তা	উপজেলা	সদস্য	
২৫	জনাব জাহিদ রাসেল	উপজেলা পরিবার পরিকল্পনা কর্মকর্তা	উপজেলা	সদস্য	
২৬	জনাব মোঃ বাহজেল রশীদ	উপজেলা পরিবার পরিকল্পনা কর্মকর্তা	উপজেলা	সদস্য	
২৭	জনাব মোঃ বাহজেল রশীদ	উপজেলা পরিবার পরিকল্পনা কর্মকর্তা	উপজেলা	সদস্য	
২৮	জনাব মোঃ সাইফুল ইসলাম	উপজেলা পরিবার পরিকল্পনা কর্মকর্তা	উপজেলা	সদস্য	

(স্বাক্ষর)
স্বাক্ষরিত তারিখ: ১৫ জুলাই, ২০২৩
উপজেলা প্রবন্ধ বাস্তবায়ন কর্মকর্তা



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
উপজেলা নির্বাহী অফিসারের কার্যালয়
সদর, কক্সবাজার
www.sadar.coxsbazar.gov.bd



২৬ জাৰিন ১৪২৪ বঙ্গাব্দ
 ১১ অক্টোবৰ ২০২২ খি.
 তাৰিখ :
 ০৫.১০.২২৪৪.০০০.০০.০০.২২-১০৫

বিষয়: The Project for Capacity Enhancement on Formulation and Implementation of Local Disaster Risk Reduction Plan (LDRRP) ২০১৫
 প্রকল্পের স্বতন্ত্র নামের - "কমিউনিটি ব্রিফিং সিরিজ" প্রকল্পের প্রচলন এবং পরিচালনা করা হবে।
 প্রকল্পের প্রকল্পের নাম।

উপস্থিত বিষয়ের আলোকে জানানো যাচ্ছে যে, পূর্ববর্তী ব্যবস্থাপনা অবিস্তার (ডিভিশন) কর্তৃক বাধ্যমানভাবে কর্মকর্তাদের সময় উদ্ভাটনা, কন্ট্রোল, "হান্ডি টু টোল" মুক্তি নিয়ন্ত্রণ শিকারজা" প্রদায়নের ক্ষেত্রে জনগণকে পূর্ববর্তী ব্যবস্থাপনা পরিচালনা সমাপ্তির পরে প্রকৃত সমস্যাগুলোর সহায় হতে সমস্তি ব্যবস্থাকাল এর কর্তৃত্ব এবং স্থানীয় কমিউনিকেশনের সমস্যা সমাধানের ক্ষমতা পূর্ববর্তী পদ্ধতিতে ফলা ফলা

ইতোমধ্যে উপাধিকা দুইজন ব্যবস্থাপনা কমিটির সদস্যদেরকে নিয়ে "Risk and Hazard Analysis" বিষয়ক মূঠি কর্মশালা সম্পন্ন হয়েছে এবং সৌহার্দ্য ও ইচ্ছাশক্তি এবং বিভিন্ন দলের থেকে গ্রাফ তথ্য-উপাত্ত সংগ্রহ করে নথীভুক্ত করা হয়েছে।

[illegible]

22-02-2022
(सहायक आयुक्त)

संपर्क : ०८९-२७३१४५६
फोन : ०८९-२७३१४५६
ईमेल : www.osxbazar@gmail.com

2) UzDMC Sub-Committee members for LDRRAP

Sl. #	Name	Designation	Department/ Ministry	Position in Committee
01.	Mr. Kawsarul Haque Jewel	LGRD&C	Upazila Chairman	Chairperson
02.	Mr. Md. Zakaria	MoFA	Upazila Nirbahi Officer	Co-chairperson
03.	Mr. Touhidul Islam	LGED	Upazila Engineer	Member
04.	Mr. Pourakrom Chakma	Cox's Bazar Municipality	Executive Engineer	Member
05.	Mr. Zahid Hasan	DAE	Upazila Agriculture Officer	Member
06.	Mr. Dr. Ashim Baran Sen	DoL	Upazila Livestock's Officer	Member
07.	Mr. Tarapada Chowhan	DoF	Upazila Fisheries Officer	Member
08.	Dr. Md. Ali Ehasan	MoHFW	Upazila Health & Family Planning Officer	Member
09.	Mr. Md. Al Amin	DPHE	Sub-Assistant Engineer	Member
10.	Representatives	BWDB	Sub-Divisional Engineer	Member
11.	Mr. Rafiq Ahamed	Chairman	Pokkhali UP	Member
12.	Mr. Mujibur Rahman	Chairman	Chowfoldandl UP	Member
13.	Mr. Raj Kumar Shil	DDM	Project Implementation Officer (PIO)	Member

Attachment 3: Workshop and other planning activity photos in Cox's Bazar Sadar



Upazila Sub-committee (UzSC) meeting



1st Workshop with UzDMC



3rd Workshop with UzDMC



4th (Final) Workshop with UzDMC



Progress Sharing Meeting in DDMC with the agenda of discussion of the draft UzDRRAPs



Collection and Validation of local information and proposals with UP Chairman, in Jhilanjia UP



Collection and Validation of local information and proposals with UP Chairman, in Pokkhali UP