

Government of the People's Republic of Bangladesh  
Local Government Engineering Department (LGED)  
Multipurpose Disaster Shelter Project (MDSP)

Consultancy Services for  
Monitoring & Evaluation of Project

Quarterly Monitoring & Evaluation  
Report



*June - 2017*

*Submitted by:*



Development Project Design & Services Ltd.



ACE Consultants Ltd.



# MULTIPURPOSE DISASTER SHELTER PROJECT (MDSP)

(IDA Credit No.5561 BD)

**Monitoring and Evaluation Consultancy Services**

**Local Government Engineering Department (LGED)**

To  
The Chief Engineer,  
LGED, Dhaka.

Date : 20.07.2017  
Our ref : MDSP-M&E/13  
Dealt by: M&E Consultant team

**Subject: Quarterly Monitoring & Evaluation Report of MDSP- June 2017.**

Sir,

In fulfilment of the contract agreement signed between LGED and the Consulting firm DPDS on 24 September, 2016 for rendering Monitoring and Evaluation Consultancy services for MDSP, please find herewith copy of the "Quarterly Monitoring & Evaluation Report- June 2017" of MDSP.

Regards.

Sincerely yours,

A.H.M. Mahbubur Rahman  
Team Leader, M&E Consultants,  
MDSP. Dhaka.

Encl: Quarterly Monitoring & Evaluation Report of MDSP- June 2017.



# MULTIPURPOSE DISASTER SHELTER PROJECT (MDSP)

(IDA Credit No.5561 BD)

**Monitoring and Evaluation Consultancy Services**

**Local Government Engineering Department (LGED)**

Copy of the 'Quarterly Monitoring & Evaluation Report of MDSP- June 2017' is forwarded for kind perusal to:

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2. The Deputy Project Director, MDSP, LGED, Dhaka 1 copy
3. The Team Leader, D&S Consultants, MDSP, LGED, Dhaka 1 copy
4. Executive Engineer, LGED, Pirojpur district 1 copy
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17. Managing Director, DPDS, Dhaka. 1 copy

## Abbreviations and Acronyms

<b>BISR</b>	Bangladesh Institute of Social Research
<b>CPP</b>	Cyclone Preparedness Program
<b>DPD</b>	Deputy Project Director
<b>DPDS</b>	Development Project Design and Services
<b>D&amp;SC</b>	Design and Supervision Consultant
<b>ECRRP</b>	Emergency 2007 Cyclone Recovery and Restoration Project
<b>EMF</b>	Environmental Management Framework
<b>EMP</b>	Environmental Management Plan
<b>ESMF</b>	Environmental & Social Management Framework
<b>GAAP</b>	Governance and Accountability Action Plan
<b>GIS</b>	Geographic Information system
<b>GOB</b>	Government of Bangladesh
<b>GPS</b>	Global Positioning System
<b>HQ</b>	Head Quarter
<b>ICR</b>	Implementation Completion Report
<b>ICT</b>	Information and Communication Technology
<b>IEE</b>	Initial Environmental Examination
<b>LGED</b>	Local Government Engineering Department
<b>MDSP</b>	Multipurpose Disaster Shelter Project
<b>M&amp;E</b>	Monitoring and Evaluation
<b>M&amp;EC</b>	Monitoring and Evaluation Consultant
<b>MLGCRD</b>	Ministry of Local Governments, Cooperatives and Rural Development
<b>MTRR</b>	Mid-Term Review Report
<b>MS</b>	Monitoring System
<b>ODK</b>	Open Data Kit
<b>ORAF</b>	Operation Risk Assessment Framework
<b>O&amp;M</b>	Operation & Maintenance
<b>PAD</b>	Project Appraisal Document
<b>PD</b>	Project Director
<b>PDO</b>	Project Development Objective
<b>PIU</b>	Project Implementation Unit
<b>PMU</b>	Project Management Unit
<b>PSC</b>	Project Steering Committee
<b>RAP</b>	Resettlement Action Plan
<b>SMC</b>	School Management Committee
<b>SMP</b>	Social Managemet Plan

# Consultancy Services for Monitoring & Evaluation of Project (MDSP)

## Quarterly Monitoring & Evaluation Report June – 2017, Year - 2017,

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# 1. Introduction

## 1.1 Background and Rationale

Bangladesh is a natural disaster prone Country. Severe cyclones occur almost at regular intervals. Cyclones Sidr, Aila, Mohasen, Mora are cyclones of recent past causing severe damages to lives and properties in coastal areas. The disaster issue is further challenged under severe climate change scenerios, particularly with respect o increasing frequency and intensity of extreme weather events and sea level rise.

MDSP was the output of a study under Component D of ECRRP aiming at undertaking a Long-Term Disaster Risk Management Program to strengthen disaster risk mitigation and reduction capacity and ability of the related Government Agencies and stakeholders.

### 1.1.1 MDSP: Project Development Objective (PDO)

The project development objective (PDO) of the MDSP is *“To reduce the vulnerability of the coastal population to natural disasters across selected coastal districts of Bangladesh.”* PDO will be measured through meeting the increased demand for multipurpose disaster shelters in targeted districts. The objective will be achieved by improving existing multi-purpose shelters, constructing new disaster shelters, and improving roads and connectivity in the area.

## 1.2 Description of MDSP

The Multipurpose Disaster Shelter Project (MDSP) is a large scale disaster risk mitigation infrastructure project that will strengthen emergency preparedness and will significantly reduce vulnerability to climate change and natural disasters. This is a follow up of the initial phase of similar successful interventions under ECRRP. The project is expected to have an impact on long-term disaster resiliency in Bangladesh focused particularly on the coastal region. MDSP would focus on meeting the high priority needs by providing construction of 552 nos. new shelters and the improvement of 450 nos. existing shelters. The project will construct 550 km connecting roads and communication networks to shelters with 500 metre bridges and culverts, ensuring increased accessibility and effectiveness. Amongst others, the project will extend support to Cyclone Preparedness Program (CPP) and School Management Committees (SMC) to operate, thereby increasing the sustainability and efficacy of the shelters.

Thus, safeguarding lives of people and livestock, the project will contribute to achieving goals of continued growth and shared prosperity of the residents of the vulnerable locality.

## 1.3 Project Location

**Annex 1** shows the map of Bangladesh highlighting MDSP project area. **Table 1** presents the Districts and Upazilas covered by MDSP project area.

**Table 1: Coverage of MDSP project area by District and Upazila in Chittagong and Barisal Divisions**

Division	District	Upazila	Infrastructure/ Interventions to be Implemented	New Shelters Packages	Rehabilitation Shelters Packages
				Construction Commenced	Construction Commenced
Chittagong	Chittagong	Sandwip	✓		✓
		Lohagara	✓		✓
		Satkania	✓		✓
		Patiya	✓		✓
		Chandanish	✓		✓
		Boalkhali	✓		✓
		Banskhali	✓		✓
		Sitakundu	✓		✓
		Raojan	✓		

Division	District	Upazila	Infrastructure/ Interventions to be Implemented	New Shelters Packages	Rehabilitation Shelters Packages
				Construction Commenced	Construction Commenced
		Rangunia	✓		✓
		Mirsharai	✓		✓
		Hathazari	✓		✓
		Fatikchari	✓		✓
		Anwara	✓		✓
	Cox's Bazar	Kutubdia	✓		
		Cox's Bazar Sadar	✓		
		Chakoria	✓		
		Pekua	✓		
		Moheshkhali	✓		
		Ramu	✓		
		Ukhiya	✓		
		Teknaf	✓		
		Feni	Daganbhuiyan	✓	✓
	Chhagalniya		✓	✓	
	Sonagazi		✓	✓	
	Feni Sadar		✓	✓	
	Porshuram		✓	✓	
	Fulgazi		✓	✓	
	Lakshimpur	Komol Nagar	✓		
		Ramgati	✓		
		Ramganj	✓		
		Raipur	✓		
		Lakshimpur Sadar	✓		
	Noakhali	Subarna Char	✓		
		Kabir Hat	✓		
		Sonaimuri	✓		
		Noakhali Sadar	✓		
		Chatkhil	✓		
		Begumgonj	✓		
		Companigonj	✓		
		Hatiya	✓		
		Senbag	✓		
Barisal	Bhola	Bhola Sadar	✓	✓	
		Borhanuddin	✓	✓	
		Char Fasson	✓	✓	
		Daulatkhan	✓	✓	
		Lalmohan	✓	✓	
		Monpura	✓	✓	
		Tajumuddin	✓	✓	
	Barisal	Agailjhara	✓		
		Babuganj	✓	✓	
		Bakerganj	✓	✓	
		Banaripara	✓	✓	
		Barisal Sadar	✓	✓	
		Gauradi	✓	✓	
		Hizla	✓	✓	
		Muladi	✓	✓	
		Mehendiganj	✓	✓	
		Wazirpur	✓		
	Pirojpur	Bhandaria	✓		
		Kaukhali	✓		

Division	District	Upazila	Infrastructure/ Interventions to be Implemented	New Shelters Packages	Rehabilitation Shelters Packages
				Construction Commenced	Construction Commenced
		Mothbaria	✓		
		Nesarabad	✓		
		Nazirpur	✓		
		Pirojpur Sadar	✓		
		Zia Nagar	✓		
	Patuakhali	Galachipa	✓		
		Dashmina	✓		
		Kalapara	✓		
		Mirjaganj	✓		
		Patuakhali Sadar	✓		
		Dumki	✓		
		Bauphal	✓		
		Rangabali	✓		



## 2. M & E Support Assignment

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### 2.1 Objectives

The M&E Consultant Team supports the LGED in undertaking oversight M&E activities, and in providing feedback to the LGED, PMU, WB and related stakeholders on project performance and impact at various stages of project implementation so as to help the decision makers and the donor in taking appropriate decisions and actions in a timely manner.

On 24 September 2016, the JV of Development Project Design and Services Limited (DPDS), Bangladesh and ACE Consultants Ltd. (ACE), Bangladesh (herein the M&E Consultant) entered into an agreement with LGED for rendering the Monitoring and Evaluation Consultancy Services for Multipurpose Disaster Shelter Project (MDSP).

### 2.2 Scope of Works

The scope of work of Monitoring and Evaluation Consultants is to carry out the following activities of MDSP:

- 1) Overall monitoring and evaluation of project implementation;
- 2) carry out independent monitoring of project progress, inputs, outputs, outcomes and impacts of project activities;
- 3) Review and monitor specific social and environmental management plans and assessments, supervision of compliance of social and environmental safeguards;
- 4) Evaluate project impact on disaster risk reduction measures on the communities against specified indicators;
- 5) Help reinforce overall transparency and governance during project implementation;
- 6) Monitor compliance of Operation Risk Assessment Framework (ORAF) and Governance and Accountability Action Plan (GAAP), and
- 7) Provide feedback to LGED, PMU, WB on project implementation performance, issues and impact.

### 2.3 M&E Tasks

The M&E Consultant will work independently as the PMU, MDSP will be responsible for contract management. The Consultant will periodically report to the Chief Engineer, LGED and other concerned stakeholders to keep all apprised of the project performance, impact assessment and corrective measures, if any at various stages of project implementation.

According to TOR, the M&E Consultant will perform 11 specified tasks as listed below:

Task 1: Create a comprehensive M&E Framework for MDSP;

Task 2: Develop baselines for the key project indicators for tracking project inputs, outputs and outcomes;

Task 3: Track key indicators (input, output, outcome, operational risks and governance issues) during project implementation;

Task 4: Carry out process & progress monitoring of the Project;

Task 5: Integrate the ICT monitoring tool designed by the D&S Consultants in capturing project implementation status as an input into the M&E Framework;

Task 6: Recommend appropriate corrective actions and recommendations;

Task 7: Supervise the implementation of the environmental and social safeguards requirements (including quality control oversight of safeguards documentation prepared by the D&S Consultants)

Task 8: Prepare and submit quarterly monitoring & evaluation reports to LGED, PMU and WB;

Task 9: Prepare Mid-term Review report for MDSP;

Task 10: Prepare inputs for the PCR and ICR at the end of the project; and

Task 11: Prepare inputs, as needed for incorporation into the ICT database.

The Monitoring and Evaluation (M&E) activities would provide continuous feedback to the Government, the Bank, and implementing agencies on the project's performance and impact, so that corrective actions could be undertaken in a timely manner. It will also supervise implementation of the overall ESMF/TDF, careful review

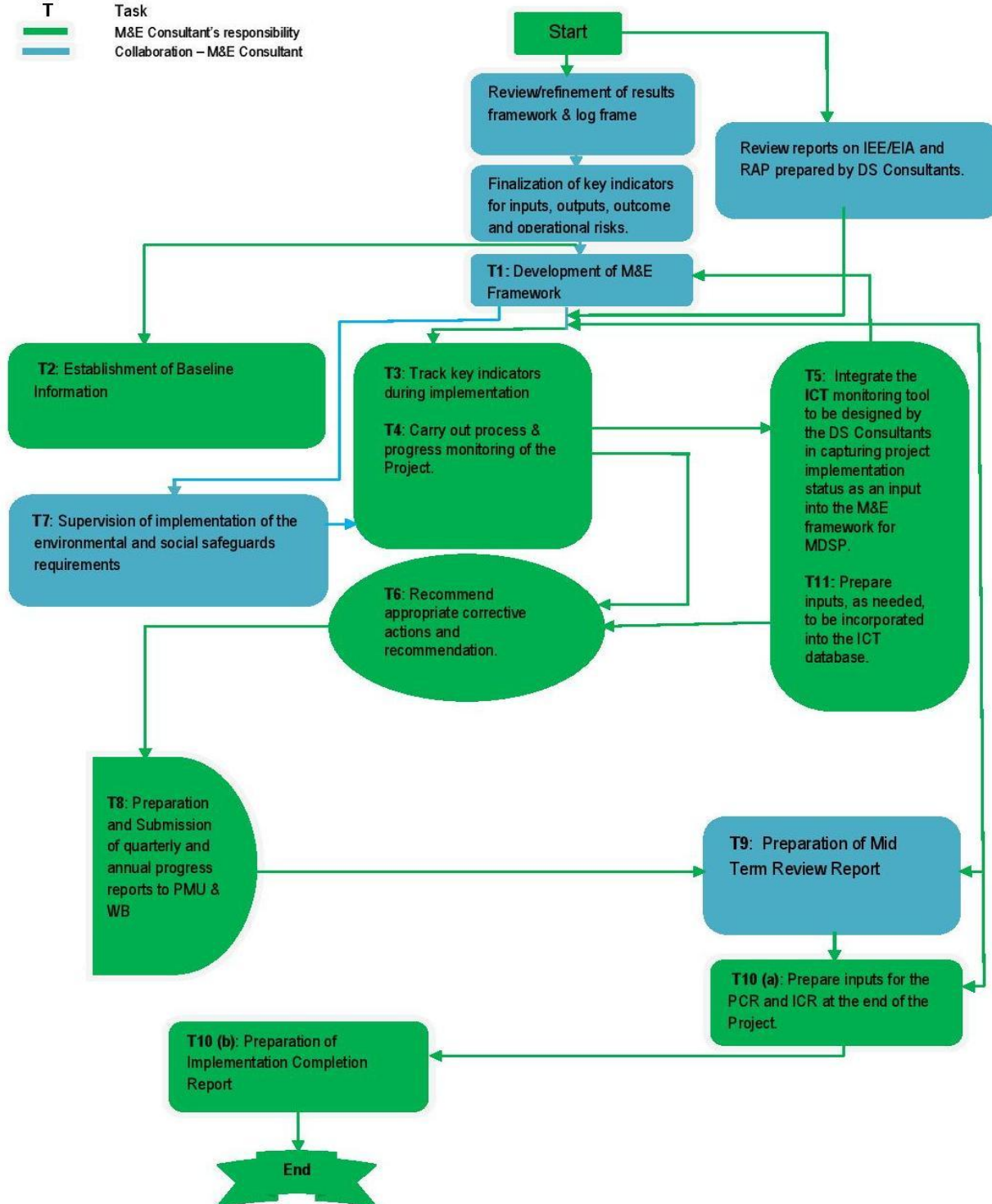
and monitoring of sub-project specific social and environmental management plans, as well as tribal development and resettlement action plans, where applicable, and impact assessments, and supervision of their implementation.

The sequence of the conduct of the M&E Consultant's tasks, and their interrelationships is shown in **Figure 2-1**.

**Figure 2-1: Flowchart of M&E Consultant Tasks**

**Legend**

- T** Task
- █ M&E Consultant's responsibility
- █ Collaboration – M&E Consultant



## 2.4 Monitoring and Evaluation of MDSP

M&E of MDSP will be carried out for: (a) inputs, outputs and outcomes (as specified in the MDSP Result Framework), (b) on the efficiency and effectiveness of the processes underlying the design and implementation of the MDSP interventions, and (c) LGED's contribution towards the attainment of Project outcome. The M&E Consultant is responsible for the consolidation, verification, and analysis of these M&E information as to their contribution to progress in the attainment of Project outcome.

### 2.4.1 WB Guidelines on carrying out of M&E Tasks

The WB Implementation Support Mission (March 26-30, 2017) Aide Memoire has outlined some very effective guidelines on performing monitoring and evaluation tasks by the M&E Consultant of MDSP. These are:

1. The M&E Consultant should follow a two-step system whereby **documents** are primarily reviewed through desk review;
2. The knowledge gathered from the desk review of documents is to be supplemented by targeted and random **field visits** and;
3. M&E Consultant should prepare quarterly update reports to the **results framework**.

We would follow the guidelines given in the Aide Memoire mentioned above.

#### a. Documents

The following project related documents will be used for desk review:

- i) PAD of MDSP;
- ii) M&E Framework/ Strategy Report- prepared by M&E Consultant;
- iii) Quality Assurance Plan (QAP) of MDSP- prepared by D&S Consultant;
- iv) Environmental and Social Monitoring Framework (ESMF)- prepared by LGED;
- v) Baseline Survey Report- under preparation by M&E Consultant;
- vi) Monthly Progress Reports of the D&S Consultant;
- vii) ICT Monitoring Report- prepared by D&S Consultant;
- viii) WB Aide Memoires
- ix) Environmental Screening/Assessment (EA) reports of shelter packages- prepared by D&S Consultant
- x) Social Assessment (SA), Social Management Plan (SMP), Social Monitoring and Supervision Plan (SMSP) of shelters- prepared by D&S Consultant

#### b. Field Visit

Field visits will be periodically undertaken and the visit experience in the form of reports will be shared with all stakeholders.

#### c. Quarterly Monitoring & Evaluation Report

Quarterly monitoring & evaluation reports will be prepared by the M&E Consultants. This will contain among others, the updates on the following:

- i) Tracking status of target vs achievement of the project key indicators outlined in the Result Framework
- ii) Process and Progress Monitoring of Project Interventions
- iii) Compliance status of GAAP and ORAF.
- iv) Compliance status of EMPs and SMPs.
- v) Recommendations on appropriate corrective measures, if any.

The progress in the performance of the **M&E tasks** as of 30 June 2017 has been presented in the succeeding sections:

#### **2.4.2 Comprehensive M&E Framework for MDSP (Task 1)**

The development of the M&E framework, which serves as a plan for monitoring and evaluation, was a collaborative effort of the PMU, DS Consultants and the M&E Consultant, in consultation with World Bank. During its development, several consultation meetings with the PMU and the DS Consultants were held.

Taking into consideration the views expressed by the World Bank Mission and following the comments and observations from the PMU and the World Bank, M&E Framework/ Strategy Report for MDSP was finalized and submitted on 30 March 2017.

#### **2.4.3 Development of Baselines for the Key Project Indicators for Tracking Project Inputs, Outputs and Outcomes (Task 2).**

The objective of development of baselines of key project indicators of MDSP is to provide an information base against which monitoring and assessment of project progress and its effectiveness during implementation and after completion will be made.

The M&E Consultant undertook the Baseline Survey with effect from May 07, 2017 through hiring an experienced social survey firm “Bangladesh Institute of Social Research (BISR)” as a first step to establish the pre-intervention situation against which progress towards targeted indicators in the Project Results Framework would be measured.

Survey techniques such as HH Survey, FGD and KII were done using a quasi-experimental design with the before-and-after-intervention situation. This design involves the use of treatment and control groups where both groups are deemed similar in that differences could be clearly attributed to the MDSP with a high degree of confidence. Baseline survey data mainly focuses on ‘before’ project conditions.

Field survey has been completed. Data editing and consolidation, data entry, data analysis are ongoing. The draft report is likely to be completed by July 31, 2017.

#### **2.4.4 Tracking of Result Framework- Key Indicators (Inputs, Outputs and Outcome) during Project Implementation (Task 3)**

MDSP Results Framework (With Key Performance Indicators) adopted from PAD and detailed in the M&E Framework/ Strategy Report had already been prepared by the M&E Consultants. A matrix to reflect changes in the values of the key indicators by using program in Excel Template of ‘Matrix of Outputs and Outcomes’ for MDSP has been used. The program contains provision of quarterly and annual targets and progress against agreed indicators for assessing the project performance.

World Bank recommended in the Aide Memoire of March 26-30, 2017 to include the quarterly updates to the results framework into the M&E Consultant’s reporting arrangements. Tracking information of key indicators as of June 30, 2017 has been shown in first quarterly monitoring report at **Annex 2: “Result Framework- Quarterly/ Annual Actual Vs Target Values for Indicators of Outputs and Outcomes”**.

Besides, WB suggested in the Aide Memoire of March 26-30, 2017 to include the quarterly updates to results framework into the M&E Consultant’s reporting arrangement. This will be regularly updated. The last update as of June 2017 has been shown in **Annex 3**.

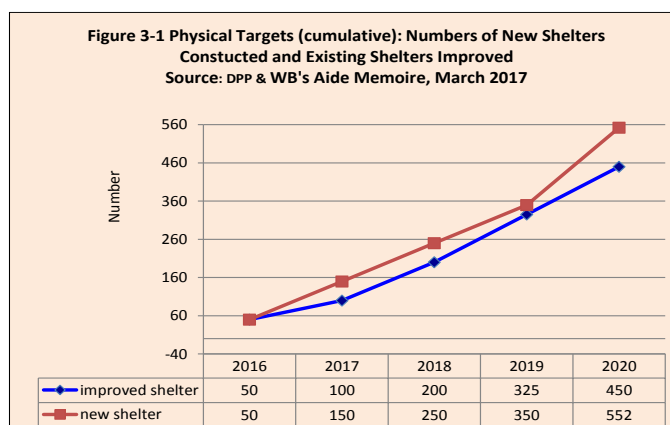
### 3. Process and Progress Monitoring of the Project Interventions (Task 4)

The process monitoring includes pre-construction activities while the progress monitoring covers construction of physical works.

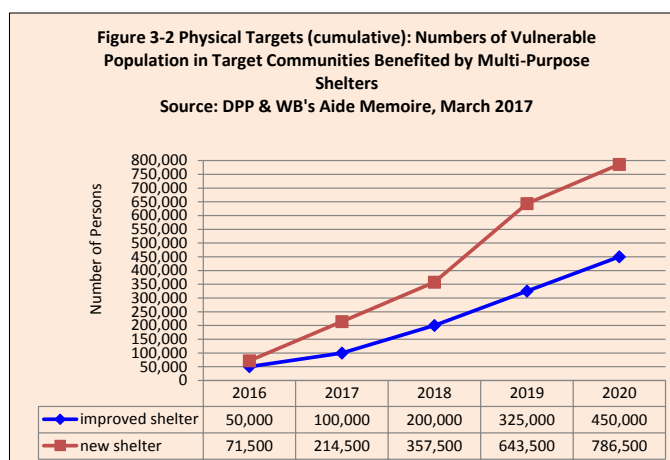
#### 3.1 Physical Project Targets

As per DPP, the total physical targets of interventions under MDSP are: repair and improvement of 450 existing shelters; construction of 552 new multi-purpose disaster shelters including 550 km shelter connecting road.

The calendar year-wise cumulative targets for each of these shelters are shown in **Figure 3-1**. The cumulative year wise targets of the subsequent calendar years are as follows: 11% of existing shelters and 9% of new shelters by 2016; 22% of existing shelters and 27% of new shelters by end of 2017; 44% of existing shelters and 45% of new shelters by end of 2018; 72% of existing shelters and 63% of new shelters by end of 2019 and 100% of the total targeted existing shelters and new shelters by end of 2020.



The expected output of MDSP is additional space, comfortable and safe protection of the vulnerable population and livestock in the cyclone prone areas during future disasters. The multi-purpose shelters can provide protection to a total of 12,36,500 vulnerable persons – 4,50,000 persons through repaired/ improved existing shelters, and 7,86,500 persons through new shelters. These are computed considering the total target number of shelters repaired/ improved/ constructed by the project, and the capacities of the shelters – i.e. 1000 persons for existing shelter with improved facilities, and 1430 persons for new shelter. **Figure 3-2** presents the year-wise cumulative target of vulnerable population protected corresponding to the physical targets indicated in **Figure 3-1**.



#### 3.2 Annual Work Plan for 2017

The work plan for the implementation of MDSP works in 2017 is presented in **Annex 3A**. This has been obtained from the physical and financial targets of the MDSP interventions by the end of year 2017. The different LGED CPs includes works on:

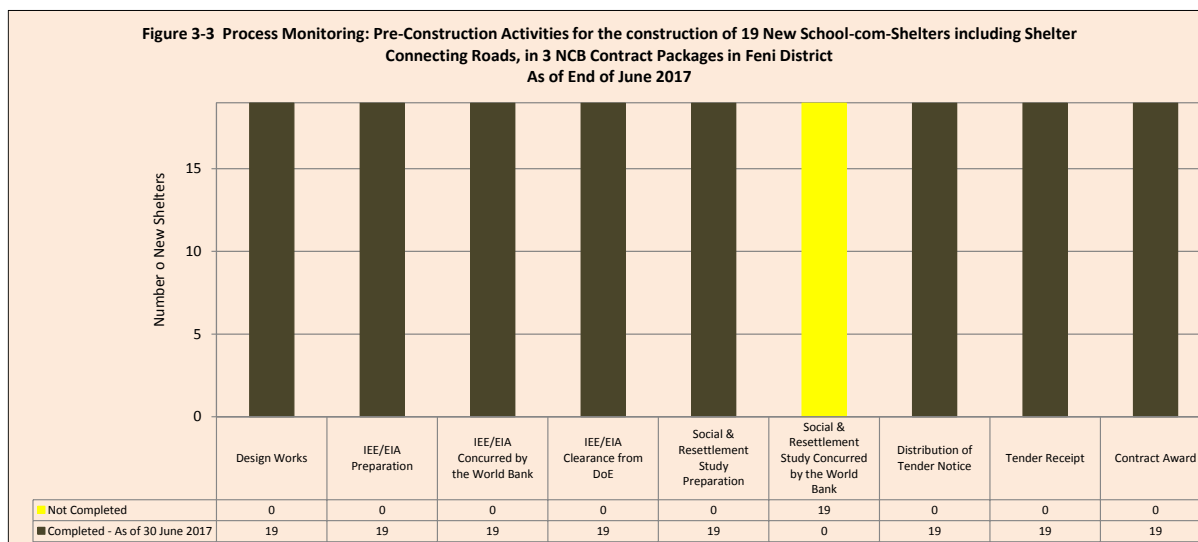
- i) Construction of 250 new multi-purpose shelters including shelter connecting roads in 8 Contract Packages (3 CPs with NCB & 5 CPs with ICB); ii) Improvement of 130 existing school-cum-shelters in 1 Contract Package;

### 3.3 Process Monitoring- Pre-construction Phase

#### (a) Construction of New Shelters including Shelter Connecting Roads

##### i) Feni District: Construction of 19 new school-cum-shelters

Details of the status as of end of June 2017 in the conduct of pre- construction activities for the 3 Contract Packages for the construction of 19 new school-cum-shelters including shelter connecting roads are presented in **Annex 3B: Process Monitoring Form PMF-A2: Process Monitoring – Package-wise Construction of New School-cum-Cyclone Shelters**. These are shown in **Figure 3-3**, and discussed below:



All the pre-construction activities for the construction of 19 new school-cum-shelters in 3 CPs had already been completed. Pre-construction activities include the following item of works:

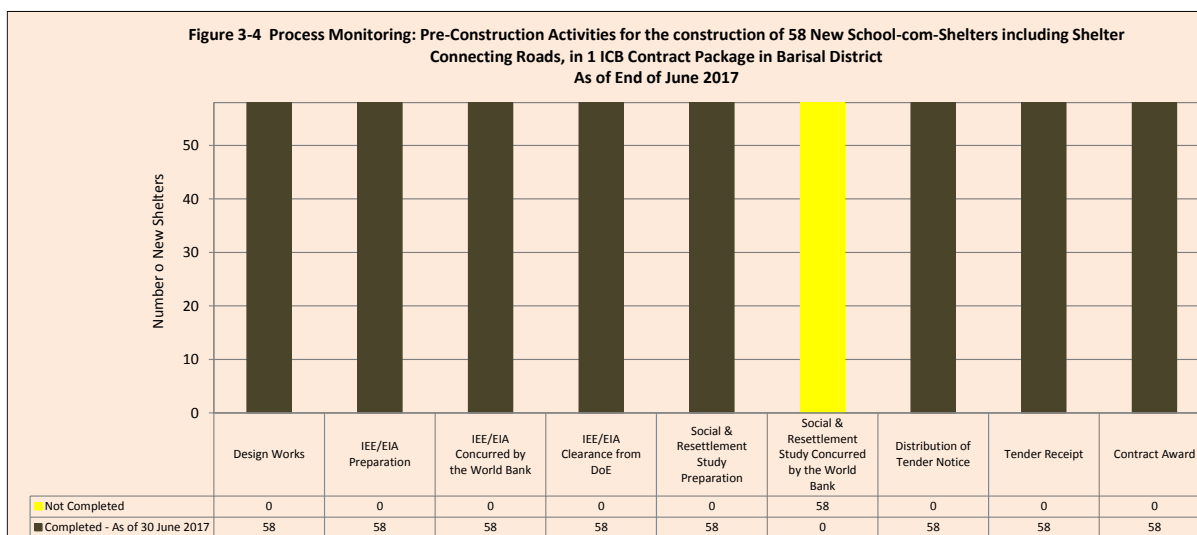
- i) Site Selection
- iii) Design Works, and Approval of Bidding Documents
- iii) EA Report Preparation and Clearance
- iv) Social and Resettlement Study Report Preparation and Clearance (SA Reports prepared but WB's concurrence not yet reflected in the D&S Consultant's Monthly Progress Report – June 2017), and
- v) Tendering and Approval Process

##### ii) Barisal District: Construction of 58 New School-cum-Shelters

As of end June 2017, preconstruction activity for the 1 Contract Package covering construction of 58 new school-cum-shelters including shelter connecting roads has been reported by LGED / D&S Consultants and presented in **Annex 3B: Process Monitoring Form PMF-A2: Process Monitoring – Package-wise Construction of New School-cum-Cyclone Shelters**. These are shown in **Figure 3-4**, and discussed below:

All the pre-construction activities for the construction of 58 new school-cum-shelters in 1 Contract Package (LGED/MDSP-II-7-LPI-O-NW-01) had already been completed. Pre-construction activities include the following item of works:

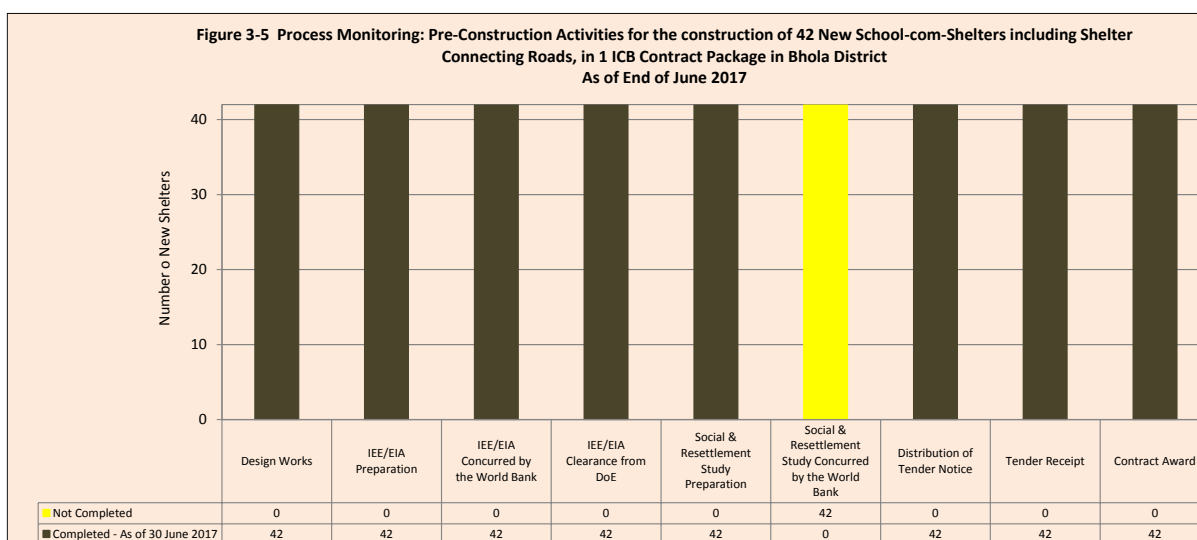
- i) Site Selection
- ii) Design Works, and Approval of Bidding Documents
- iii) EA Report Preparation and Clearance
- iv) Social and Resettlement Study Report Preparation and Clearance (SA Reports prepared but WB's concurrence not yet reflected in the D&S Consultant's Monthly Progress Report – June 2017), and
- v) Tendering and Approval Process



### iii) Bhola District: Construction of 42 New School-cum-Shelters

As of end June 2017, preconstruction activity for the 1 Contract Package((LGED/MDSP-II-7-LPI-O-NW-02) covering construction of 42 new school-cum-shelters including shelter connecting roads has been reported by LGED / D&S Consultants and presented in **Annex 3B: Process Monitoring Form PMF-A2: Process Monitoring – Package-wise Construction of New School-cum-Cyclone Shelters**. These are shown in **Figure 3-5**, and discussed below:

All the pre-construction activities for the construction of 42 new school-cum-shelters in 1 CP had already been completed. Pre-construction activities include the following item of works:



i) Site Selection

ii) Design Works, and Approval of Bidding Documents

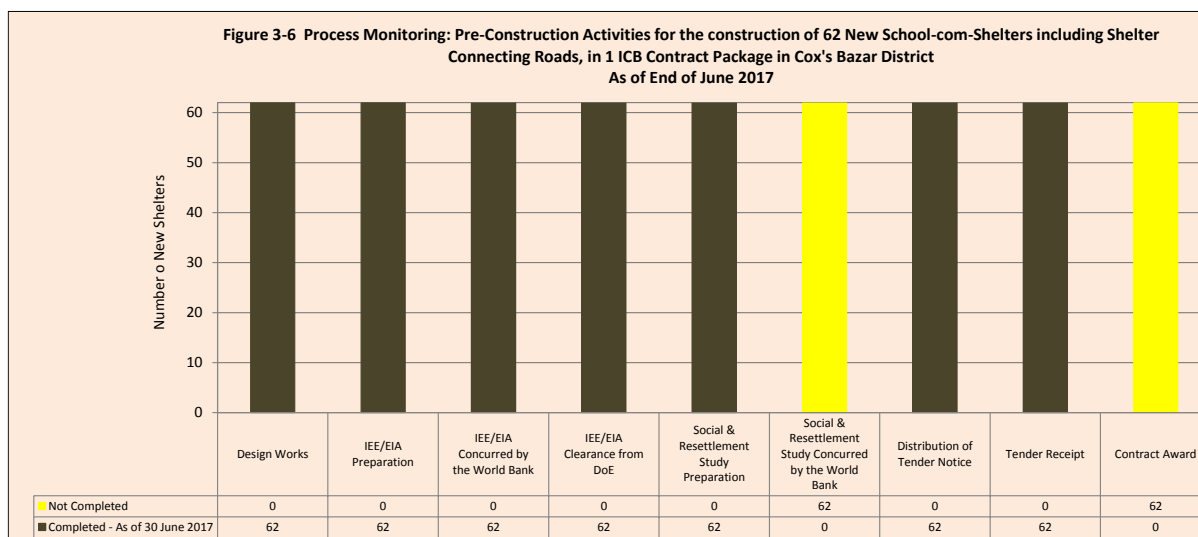
iii) EA Report Preparation and Clearance

iv) Social and Resettlement Study Report Preparation and Clearance (SA Reports prepared but WB's concurrence not yet reflected in the D&S Consultant's Monthly Progress Report – June 2017), and

v) Tendering and Approval Process

#### iv) Cox’s Bazar District: Construction of 62 New School-cum-Shelters

As of end June 2017, preconstruction activity for the 1 Contract Package covering construction of 62 new school-cum-shelters including shelter connecting roads has been reported by LGED / D&S Consultants and presented in **Annex 3B: Process Monitoring Form PMF-A2: Process Monitoring – Package-wise Construction of New School-cum-Cyclone Shelters..** These are shown in **Figure 3-6**, and discussed below:



#### Site Selection

The locations of the 62 new school-cum-shelters had been selected till June 2017.

#### Design Works, and Approval

As of end June 2017, concurrence had been obtained from WB in regard to the Bidding Documents for the construction of 62 new school-cum-shelters in 1 CP covering site identification, inventory, design, site-wise engineering estimates, BOQ and tender documents etc.

#### IEE/EIA Preparation and Clearance

As of end June 2017, 62 new school-cum-cyclone shelters in 1 CP had been submitted to the World Bank for review. After review, the World Bank gave clearance to the reports for all 62 shelters in 1 CP.

#### Social and Resettlement Study Preparation and Clearance

As of end June 2017, 62 new school-cum-cyclone shelters in 1 CP had been submitted to the World Bank for review. WB’s concurrence not yet reflected in the D&S Consultant’s Monthly Progress Report – June 2017.

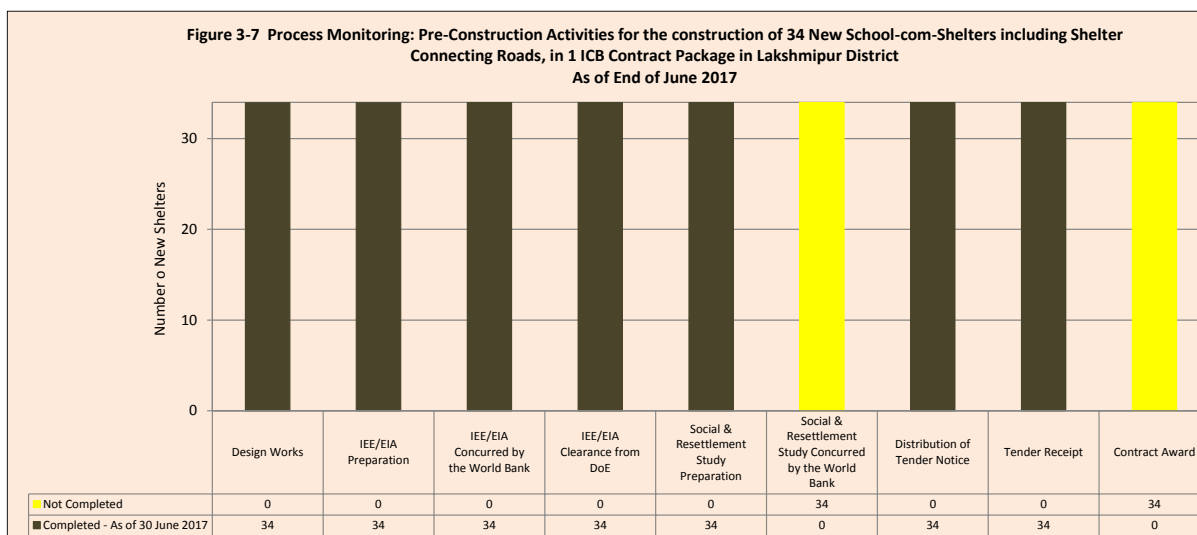
#### Tender Approval Process

As of end June 2017, tender notices have been floated for 62 new school-cum-cyclone shelters in 1 CP. Tender received and tenders are still under approval process.

#### v) Lakshmipur District: Construction of 34 New School-cum-Shelters.

As of end June 2017, preconstruction activity for 1 ICB Contract Package covering construction of 34 nos. new school-cum-shelters including shelter connecting roads has been reported by LGED / D&S Consultants and presented in **Annex 3B: Process Monitoring Form PMF-A2: Process Monitoring – Package-wise Construction of New School-cum-Cyclone Shelters..** These are reflected in **Figure 3-7**, and discussed below:





### Site Selection

The locations of the 34 new school-cum-shelters had been selected till June 2017.

### Design Works, and Approval

As of end June 2017, concurrence had been obtained from WB in regard to the Bidding Documents for the construction of 34 new school-cum-shelters in 1 CP covering site identification, inventory, design, site-wise engineering estimates, BOQ and tender documents etc.

### IEE/EIA Preparation and Clearance

As of end June 2017, 34 new school-cum-cyclone shelters in 1 CP had been submitted to the World Bank for review. After review, the World Bank gave clearance to the reports for all 34 shelters in 1 CP.

### Social and Resettlement Study Preparation and Clearance

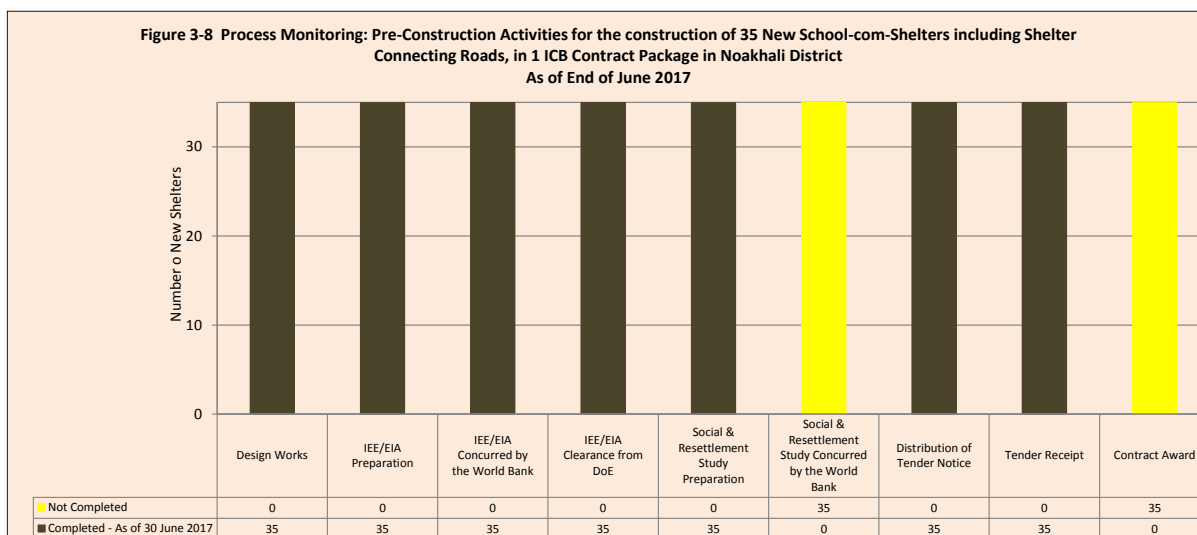
As of end June 2017, 34 new school-cum-cyclone shelters in 1 CP had been submitted to the World Bank for review. WB's concurrence not yet reflected in the D&S Consultant's Monthly Progress Report – June 2017.

### Tender Approval Process

As of end June 2017, tender notices have been floated for 34 new school-cum-cyclone shelters in 1 CP. Tender received and tenders are still under approval process.

### **vi) Noakhali District: Construction of 35 New School-cum-Shelters.**

As of end June 2017, preconstruction activity for the 1 Contract Package covering construction of 35 new school-cum-shelters including shelter connecting roads has been reported by LGED / D&S Consultants and presented in **Annex 3B: Process Monitoring Form PMF-A2: Process Monitoring – Package-wise Construction of New School-cum-Cyclone Shelters**. These are shown in **Figure 3-8**, and discussed below:



### Site Selection

The locations of the 35 new school-cum-shelters in Cox's Bazar district had been selected till June 2017.

### Design Works, and Approval

As of end June 2017, concurrence had been obtained from WB in regard to the Bidding Documents for the construction of 35 new school-cum-shelters in 1 CP covering site identification, inventory, design, site-wise engineering estimates, BOQ and tender documents etc.

### IEE/EIA Preparation and Clearance

As of end June 2017, 35 new school-cum-cyclone shelters in 1 CP had been submitted to the World Bank for review. After review, the World Bank gave clearance to the reports for all 35 shelters in 1 CP.

### Social and Resettlement Study Preparation and Clearance

As of end June 2017, 35 new school-cum-cyclone shelters in 1 CP had been submitted to the World Bank for review. WB's concurrence not yet reflected in the D&S Consultant's Monthly Progress Report – June 2017

### Tender Approval Process

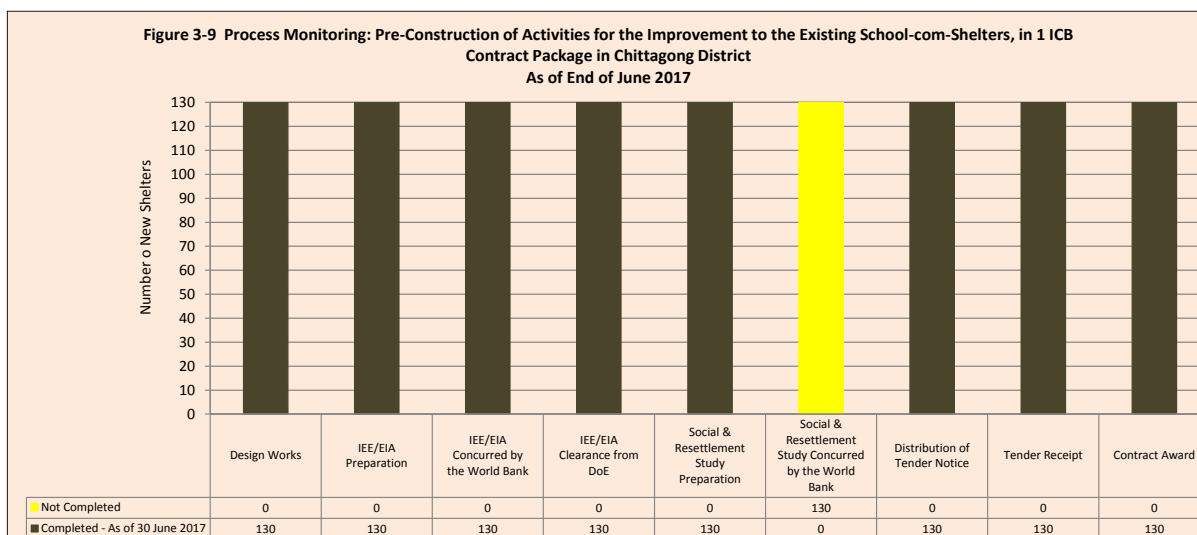
As of end June 2017, tender notices have been floated for 35 new school-cum-cyclone shelters in 1 CP. Tender received and tenders are still under approval process.

## **(b) Improvement of Existing Shelters**

### **i) Chittagong District: Repair/improvement of 130 existing school-cum-shelters**

Details of the status in the conduct of the activities for the repair/improvement of 130 existing school-cum-shelters in 1 Contract Package (LGED/MDSP/CHI/W-01) as of end of June 2017 are shown in **Annex 3C: Process Monitoring Form PMF-B2: Process Monitoring – Package-wise Repair/Improvement of Existing School-cum-Cyclone Shelter..** These are summarized in **Figure 3-9**, and discussed below:

All the pre-construction activities for the improvements of 130 existing school-cum-shelters in 1 ICB Contract Package in Chittagong District had already been completed. Pre-construction activities include the following item of works:



- i) Site Selection
- ii) Design Works, and Approval of Bidding Documents
- iii) EA Report Preparation and Clearance
- iv) Social and Resettlement Study Report Preparation and Clearance (SA Reports prepared but WB's concurrence not yet reflected in the D&S Consultant's Monthly Progress Report – June 2017), and
- v) Tendering and Approval Process

### 3.4 Progress Monitoring – Construction Phase

#### (a) Construction of New Shelters including Shelter Connecting Roads

##### i) Feni district: Construction of 19 new school-cum-shelters:

Construction activities of the 3 Contract Packages covering 19 new shelters including shelter connecting roads awarded so far started at the end of April and June 2016.

As of end of June 2017, physical progress in 3 CPs (i.e. CPs NW 01 to 03) in Feni district are as follows:

CP NW-03 achieved 58% of physical progress. Whereas CP NW 02 achieved 29% and CP NW 01 achieved 23% of physical progress.

##### ii) Barisal district: Construction of 58 new school-cum-shelters.

Construction activities of the 1 Contract Package covering 58 new shelters including shelter connecting roads awarded so far started in mid of November 2016.

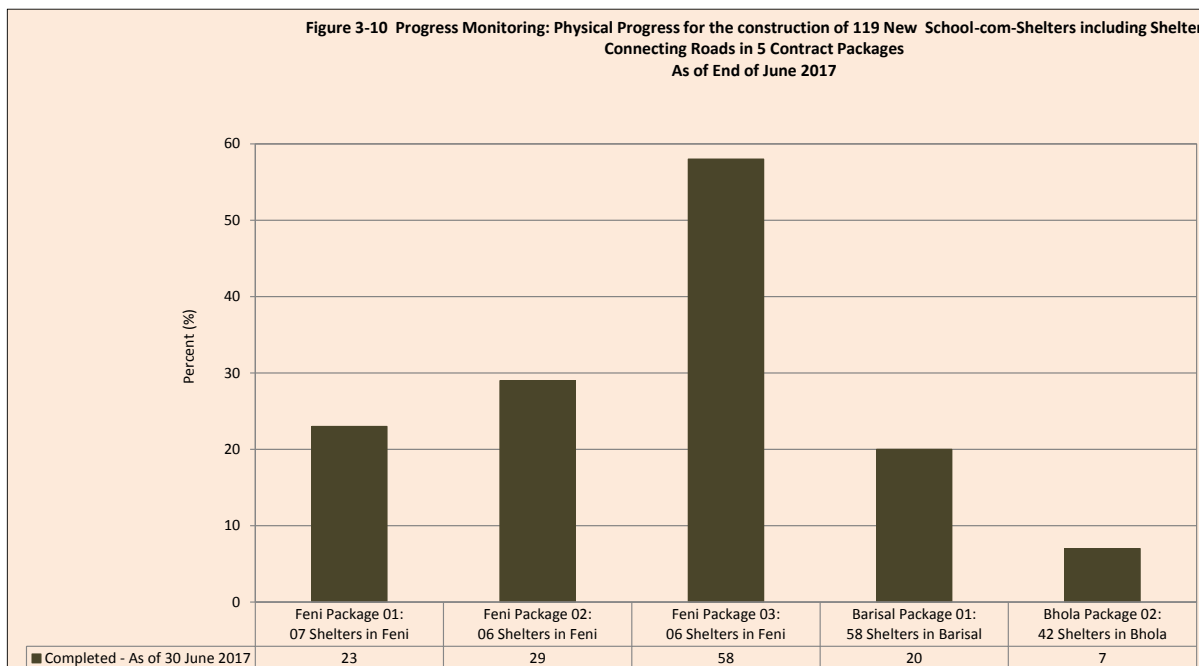
As of end of June 2017, physical progress in 1CP covering 58 new shelters in Barisal district achieved overall progress of about 20%.

##### iii) Bhola district: Construction of 42 new school-cum-shelters.

Construction activities of the 1 Contract Package covering 42 new shelters including shelter connecting roads awarded so far started in 2<sup>nd</sup> week of March 2017.

As of end of June 2017, physical progress in 1CP covering 42 new shelters in Bhola district achieved overall progress of about 7%.

Physical progresses of the above five contract packages in the districts of Feni, Barisal and Bhola are shown in **Figure 3-10**. Details of the construction activities for each of the 5 Contract Packages are presented in **Annex 3D: Progress Monitoring Form PMF-B3: Progress Monitoring – Package-wise Construction of New Cyclone Shelters including Shelter Connecting Roads in Feni, Barisal & Bhola Districts**.



### **(b) Construction of Improvements to Existing Shelters**

Repair/improvement activities of the Existing Shelters will be done for 450 nos. in the districts of Chittagong, Feni, Cox's Bazar, Laxmipur, Noakhali and Bhola. One package (LGED/MDSP/CHI/W-01) covering 130 nos. old shelters in Chittagong District has been awarded so far. The contract has been signed M.A.H Construction Ltd. on 19 June 2017.

## 4. Supervision of the Implementation of the Environmental and Social Safeguards Requirements (Task 7).

---

The Environmental and Social Management Framework (ESMF) has been specially prepared for MDSP by LGED to take care of the environmental and social safeguard issues arising out of implementation of project interventions.

The Environmental and Social part of ESMF requires the conduct of environmental impact assessment and social impact assessment studies of the individual subprojects complying with the GoB and WB environmental and social safeguard policies.

### 4.1 Environmental Assessment (EA)

All the shelters will be subject to prior environmental assessment in order prevent execution with significant negative environmental impacts. The purpose of EA is to get relevant environmental concerns addressed before start of construction activities to ensure identification of probable environmental impacts, mitigation measures thereof, preparation of Environmental Management Plan (EMP) which will be budgeted for.

#### **Progress of Environmental Assessment Studies.**

The D&S Consultants have completed EA study of total 250 new disaster shelters in the districts of Barisal- 58 nos, Bhola-42 nos, Feni-19 nos, Cox's Bazar-62 nos, Lakhsmipur-34 nos and Noakhali- 35 nos.

The Consultants have also completed EA study of 130 nos of rehabilitation shelters only in Chittagong district.

Site specific Environmental Management Plans (EMP) have formulated in the studies. The cost of the implementation of the EMPs at each shelter has been included in the BoQ.

These reports have been sent to WB for review and concurrence. WB reviewed the EAs and provided detailed comments. LGED was requested to update the EAs in line with the comments. EAs have been reported to be upgraded accordingly.

#### **Supervision of Implementation and Compliance of EMP**

- It will be the basic responsibility of the contractor to implement the EMP as per provision of the terms of contract.
- The Environmental Specialist of the D&S consultant in cooperation with the LGED field supervision staff will supervise the implementation and compliance of the site specific EMP.
- The M&E consultant will be responsible to oversee the implementation and compliance EMPs and make periodical report in the form of Field Visit Report (FVR) and Quarterly Monitoring Report (QMR).

The community organizer engaged by the contractor plays a key role in the implementation of the EMPs.

#### **M&E Consultant Observations on the Compliance of Environmental Safeguards.**

The Environmental Management Plan (EMP) for shelter construction generally include 14 nos. environmental management safety measures which have been included in the Bill of Quantities (BoQ).

The average cost of EMP per shelter is about BDT 4,50,000.00. The cost of construction of the temporary school shed is not included in the cost mentioned above.

The findings of the M&E Consultant in respect of the compliance of the safety measures as observed during field visits are mentioned below:

- i) **First Aid Box:** Generally first aid boxes with necessary appliances and medicine were available at all visited shelter sites.
- ii) **Site Cleaning and Preparation:** This include site cleaning, protective fencing of site, erection of sign board. This is generally done.
- iii) **Grass turfing:** Turfing work has not been done anywhere as yet.
- iv) **Tree Plantation:** The item is yet to be done.
- v) **Supply of Water Filter:** Water filter for safe drinking purposes have been seen at site office. Labors should have access to the water filters.
- vi) **Provision of Safety Gear for Workers:** Safety gears (helmet, gloves, gum boot, vests etc.) for workers have been procured but the workers will have to be more motivated to use the safety gears.
- vii) **Training on Implementation of Safety Measures:** It has been reported that motivation training on the implementation of the environmental management plan have been conducted. The persons trained for the purpose should be mentioned.
- viii) **Construction of Temporary Sanitary Latrine for Labors:** Mostly the sanitary latrines for labors have been made but quality of latrines should be improved.
- ix) **Waste Disposal Facility:** No planned practice of stockpiling of construction debris was observed. Under-construction debris and garbage are kept haphazardly. Garbage must be stockpiled and removed to a pre-selected distant place on discussion with school authority/local communities.
- x) **Dust Suppression Measures:** Suppression of dust by sprinkling water or providing cover over sand has been observed at some places but in majority places the measure has been ignored.
- xi) **Cost of salary of Environmental and Social Safeguard Personnel:** Separate personnel for exclusive implementation of environmental and social safety measures have not been noticed.
- xii) **Safety Warning Sign:** Safety warning signs in English have been posted at site.
- xiii) **Tubewell for Labors:** Found available at each site.
- xiv) **Construction of Temporary School Sheds (Where applicable).** In case of demolishing existing dilapidated school buildings, alternative temporary sheds for schooling purposes are constructed. Provision of extra cost is made for the purpose. The quality of the temporary sheds should be improved with proper ventilation arrangements.

Besides above, environmental hazards like **noise pollution, water pollution, drainage congestion** etc. are created due to construction works. Proper measures to address the above issues should be undertaken by the contractor.

## 4.2 Social Assessment (SA)

As per ESMF of MDSP, all the shelters will be subject to prior social assessment in order to address the social impact of individual shelters complying with the GoB and WB social safeguard policies. The social assessment mainly comprises of (i) beneficiary assessment, (ii) stakeholder analysis, and (iii) impact assessment related to land acquisition and displacement of PAPs (authorized and unauthorized) from the lands.

Social Assessment enable outlining baseline socio-economic profiles at the shelter areas and the vulnerability of the community to natural disasters and the need for disaster shelters. It also covers assessment of social issues related to site selection, shelter design, methods of obtaining lands for construction, identify impacts of project interventions to prepare Social Management Plan (SMP) and Resettlement Action Plan (RAP) where required. A Grievance Redress Mechanism (GRM) is in place at each shelter for receiving complaints and suggestions, and settlement of grievances.

### **Progress of Social Assessment (SA) Studies.**

After completing social screening of the targeted shelters in different districts, the D&S Consultants have finalized a total of 250 new disaster shelters in the districts of Barisal- 58 nos, Bhola-42 nos, Feni-19 nos, Cox's Bazar-62 nos, Lakhsmipur-34 nos and Noakhali- 35 nos. With similar exercise, they have selected 130 nos. of rehabilitation shelters only in Chittagong district.

LGED is reported to have prepared SA reports containing SMPs of all the new and rehabilitation shelters. As a sample, WB has reviewed the social assessment and social management plan of a package in Barisal district and gave a detailed set of comments on compliance issues and specific measures for incorporation in the SMPs. WB also suggested to update the SA reports of other packages in other districts complying given comments. The follow up action has not been reflected in the D&S Consultant Monthly Progress Report of June, 2017.

### **Responsibility for Supervision of Implementation and Compliance of SMP**

- The Sociologist/ Resettlement Specialist of the D&S consultant in cooperation with the LGED field supervision staff will implement the SMP.
- The M&E consultant will be responsible to oversee the implementation and compliance SMP/ RAP and make periodical report in the form of Field Visit Report (FVR) and Quarterly Monitoring Report (QMR).

### **Observations of the M&E Consultants on Compliance of Social Safeguards.**

During social screening phase of Shelters, LGED select only those shelter sites where there will be no requirement for land acquisition and preparation of RAP involving settlement of the PAPs. The shelters are mostly built in the premises of Government Primary Schools. During field visit, no problem relating to land and resettlement of PAPs was observed except in FEP-341 in Feni district where there arose a land dispute with the graveyard area adjacent to the school premises. The dispute has since been reported to be locally settled.

### **Grievance Response Mechanism (GRM)**

The project has developed a Grievance Response Mechanism to answer to queries and address complaints and grievances of the affected persons. A handout on GRM has been prepared in Bengali and distributed to the stakeholders.

Grievance Redress Committees (GRC) have been formed at UZ, district and HQ level.

The last WB Mission suggested the following for more effectiveness of the GRM:

- i) A designated complaint e-mail address ([complaints@mdsp.org](mailto:complaints@mdsp.org)) to be set up under the website;
- ii) Any complaint would be reviewed by a designated focal person. He would transmit copy of the complaint to PD, PMU and the TL, D&S Consultant;
- iii) All emails submitted will be acknowledged with a receipt and include a telephone contact number in main office;
- iv) The focal person would forward the complaint to relevant persons at field level for resolution;
- v) Once resolved, focal person would respond to the email address to indicate that the complaint has been resolved.

In addition, the shelter sign boards would show the a) mobile nos. of the UZ Engineer and Executive Engineer of LGED and b) the website and the designated complaint email address of the project.

As reported, there has been no complaint lodged to any GRC till date.

## 5. Operational Risk Assessment Framework (ORAF)

Project specific risks originate mainly on procurements, financial management and activities relating to implementation. The assessment of the operational risks of the project have been adequately identified in the PAD of MDSP. The overall risk of MDSP has been rated as 'Substantial' in the PAD. The risk rating has been based on the governance risk present in the country, the fiduciary risks related to large procurement packages, and risks related to delivery of monitoring and supervision. Parallel to the identification of risks, PAD has put in place several risk mitigation measures in the ORAF to address specific related risks.

The compliance status of the Matrix of ORAF as of June 30, 2017 has been given in **Annex 4**.

## 6. Governance and Accountability Action Plan (GAAP)

PAD of MDSP identifies specific measures to ensure good governance and minimize fraud and corruption risks of the project. The specified measures of GAAP is subject to adjustment as necessary during project implementation. The update status of compliance of GAAP indicators as of 30 June, 2017 have been monitored by LGED in cooperation with the independent M&E Consultants which is presented in **Annex 5**.

## 7. Field Visits

Since commencement of the Monitoring and evaluation activities of MDSP, the M&E Consultant undertook three field visits in order to a) monitor, evaluate and track project progress, inputs, outputs and outcomes, b) oversee compliance of social and environmental safeguards and c) observe overall transparency and governance during project implementation.

The first visit was undertaken from 19 December to 20 December, 2016 to different sites of LGED in Feni district. The field visit report was circulated to all concerned including WB vide MDSP-M&E/FVR/04 dated 27.12.2016.

The second field visit to LGED sites was done by the M&E Consultants to different MDSP sites in Barisal district from 24-26 April, 2017. The Field Visit Report was circulated to all concerned vide MDSP-M&E/FVR/10 dated 11.05.2017.

The third field visit to different sites in Feni district was performed from 22-23 May, 2017. The field visit report was circulated to all concerned vide no. MDSP-M&E/FVR/12 dated 04.06.2017.



## 8. ICT Monitoring by the M&E Consultants (Tasks 5 & 11)

The M&E ICT Monitoring System to support M&E activities consists of two components:

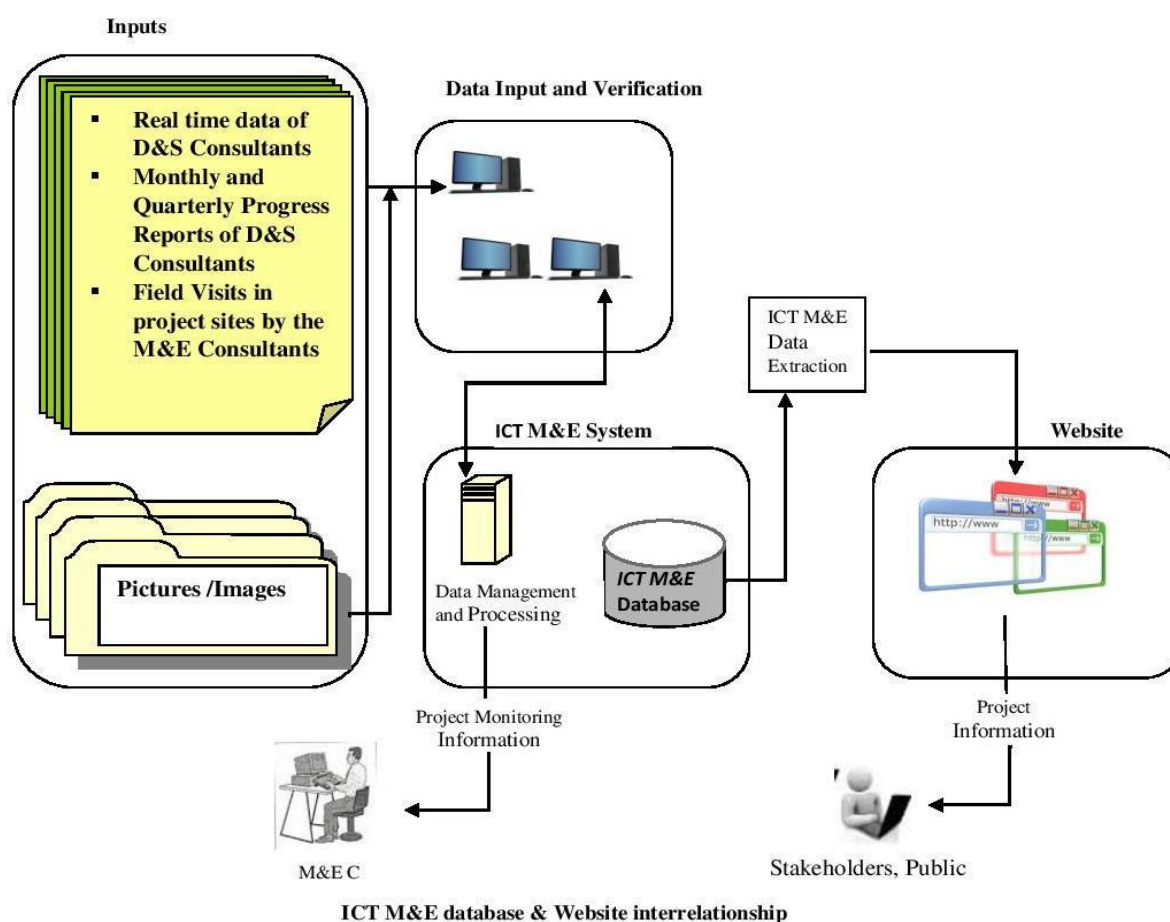
- The ICT M&E database
- The ICT M&E web site

The ICT M&E database contains all the textual data required for MDSP. A Database Management System (DBMS) is used to enter, store, process and analyze the data and present the result thereof.

**ICT M&E database:** Development of ICT M&E database by the M&E Consultant is in progress.

ICT M&E data base and website inter-relationship is shown in **Figure 8.1** below.

**Figure 8.1: ICT M&E database and website inter-relationship.**



### **ICT M&E Website:**

Design of ICT M&E website by the M&E Consultant has been completed. It is anticipated that the full development of ICT M&E website could be completed by the end of August 2017.

Website will be designed according to the following the Menu /Sub menu:

- Home page
- Shelter Location Maps
- Quarterly Data Updates
- Reports
  - Inception Report
  - M&E Framework / Strategy Report
  - Baseline Report
  - Field Visit Reports
  - Quarterly Monitoring & Evaluation Reports
  - Mid Term Evaluation Report
  - End of Project Evaluation Report
- User feedback
- Photo Gallery
- Links
- Contact Us

Website homepage is furnished in **Annex-6**.

## 9. Recommending Appropriate Corrective Actions and Recommendations (Task 6)

At this early stage of project implementation, we have no recommendations for corrective actions. However, evaluating the achieved progress against targets of the tracking indicators outlined in the Results Framework (**Annex 2**) as of June 2017, we have the following observations:

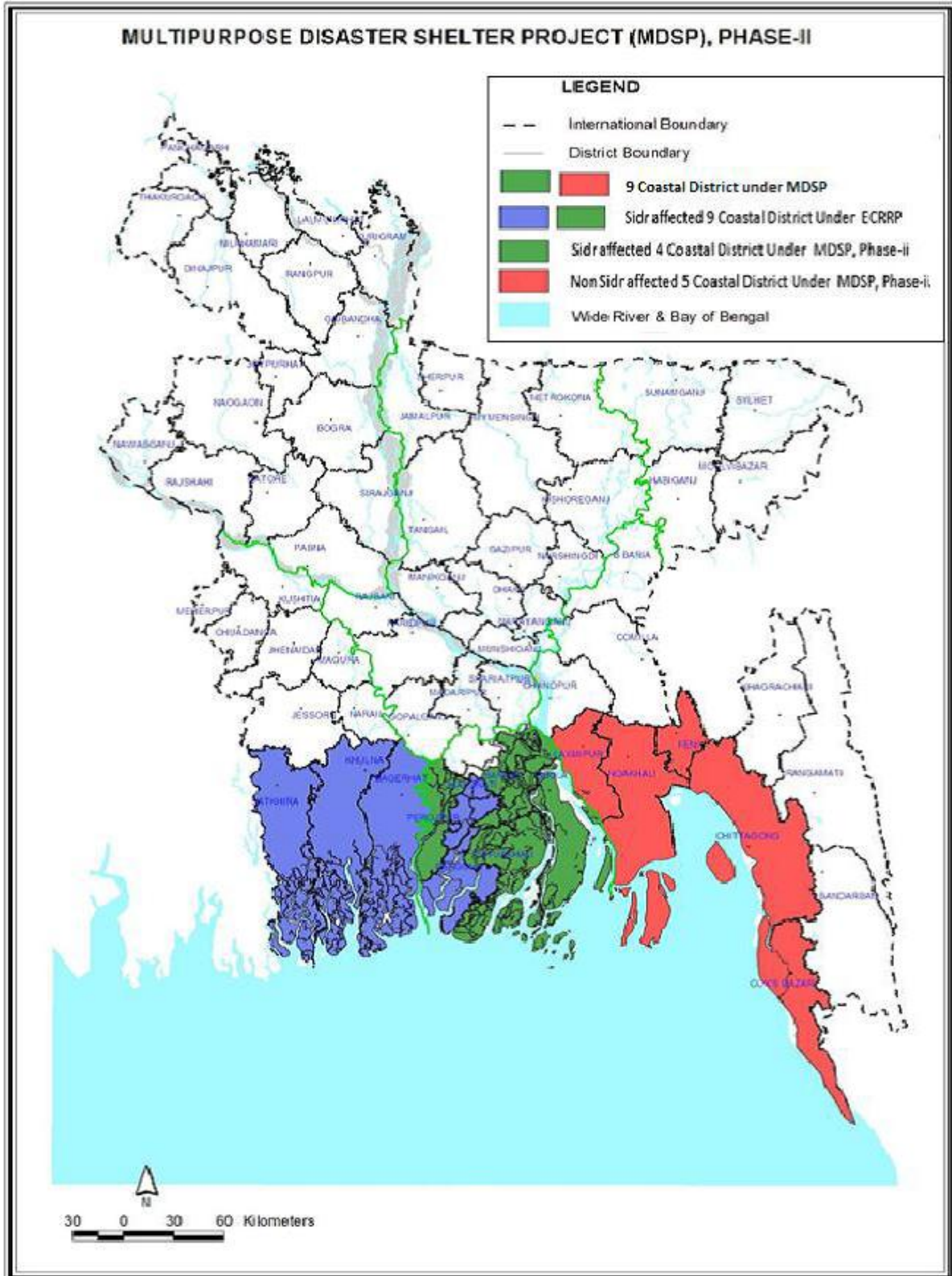
- a) Regarding the main Outcome PAD Indicator **P-1**: increase in the share of needs met of priority multipurpose disaster shelters in the targeted districts, there has been no achievement against targets. The slippage is 4%.
- b) Similarly, PAD indicator **P-2**: number of project beneficiaries who have access to multipurpose shelters: there has been no achievement against target. The slippage is 100%.
- c) The tracking of progress status of other indicators **P-3 to P-10 and A-1 to A-10** are also reflected in **Annex- 2**. The variance of corresponding indicators can be seen there.
- d) It is recommended that the M&E Consultant may please be kept under the mailing list of PMU, D&S Consultant and the WB in respect of inter-transmission of important documents like Environmental Assessment (EA) Report; Social Assessment (SA) Report; WB's concurrence of the safeguard reports; WB's Aide Memoire and other related important documents. This will facilitate the M&E Consultant in the efficient performance of the monitoring and evaluation works of project implementation.

## 10. Preparation and Submission of Reports (Tasks 8, 9 & 10)

The following reports have been prepared and submitted by the M&E Consultant:

- 1) Inception Report – The draft version of the Inception Report was submitted on 29 November, 2016. Taking into consideration the comments of different stakeholder (PMU, LGED and the World Bank), the final version was submitted on 11 January 2017.
- 2) Detailed M&E Framework/Strategy Report – As discussed in Section 4.2, the draft version was submitted in January 2017. Incorporating the comments and observations from the PMU and the World Bank, the Comprehensive M&E Framework/ Strategy Report for MDSP was finalized and submitted on 30 March 2017.
- 3) Development of Baselines - The M&E Consultant undertook the Baseline Survey with effect from May 07, 2017 through hiring an experienced social survey firm “Bangladesh Institute of Social Research (BISR)” as a first step to establish the pre-intervention situation against which progress towards targeted indicators in the Project Results Framework would be measured.  
  
Field survey has been completed. Data editing and consolidation, data entry, data analysis are ongoing. The draft report is likely to be completed by July 31, 2017. The draft report will be shared with all stakeholders before finalization
- 4) Quarterly Monitoring & Evaluation Report – The Quarterly Monitoring & Evaluation Report (as of end of June 2017) is the first report of the M&E Consultant covering the TOR and reflecting implementation status of MDSP as of end of June 2017. This will be published every quarter.
- 5) Field visit Reports- Periodical field visits are undertaken by the M&E Consultants and the field visit reports with observations are shared with all concerned.
- 6) Mid-term Review Report – Not yet due.
- 7) Final/ Project Implementation Completion Report (PICR) - Not yet due.

## Annex 1: Map of Bangladesh, highlighting MDSP Project Area





## Annex 2: Result Framework - Quarterly Actual Vs. Target Values for Indicators of Outcome and Outputs

EXPECTED RESULTS		ADDITIONAL INDICATORS (BEYOND PAD)																					
<b>PDO</b>																							
<p>The development objective of this project is to reduce the vulnerability of the coastal population to natural disasters across selected coastal districts of Bangladesh.</p>	<b>Outcome Indicators</b>																						
	P-3	Increase in the share of needs met of priority multipurpose disaster shelters in the targeted districts: In terms of number	Target (cumulative) nos.	3,006.00	3,006.00	3,006.00	3,006.00	3,068.63	3,131.25	3,193.88	3,256.50	3,319.13	3,381.75	3,444.38	3,507.00	3,569.63	3,632.25	3,694.88	3,757.50	3,820.13	3,882.75	3,945.38	4,008.00
		Actual (cumulative) nos.	3,006.00	3,006.00	3,006.00	3,006.00	3,006.00	3,006.00	3,006.00														
		Variance: value	-	-	-	-	-	-	-														
		%	-	-	-	-	(2.04)	(4.00)															
	P-4	Rehabilitation of Existing Shelters- Provide improved facilities (Modern floor, water supply, sanitation, separate toilets for men & women, separate space for disabled and maternity use, store room, solar power etc.) to vulnerable population	Target (cumulative) nos.	13,000	26,000	39,000	50,000	63,000	76,000	89,000	100,000	125,000	150,000	175,000	200,000	231,000	262,000	293,000	325,000	356,000	387,000	418,000	450,000
		Actual (cumulative) nos.	-	-	-	-	-	-	-														
		Variance: value	(13,000)	(26,000)	(39,000)	(50,000)	(63,000)	(76,000)															
		%	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)															
	P-5	Total number of project beneficiaries who have access to the multipurpose shelters under MDSP as a percentage (%) of total vulnerable population in targeted districts	Target %																				
	Actual %																						
	Variance: value %																						
P-6	Provision of space for providing shelter to live stock for safety in new shelters during disasters.	Target (cumulative) nos.	20,600	23,200	25,800	28,000	33,000	38,000	43,000	48,000	53,000	58,000	63,000	68,000	73,000	78,000	83,000	88,000	98,200	108,400	118,600	128,400	
	Actual (cumulative) nos.	18,000	18,000	18,000	18,000	18,000	18,000																
	Variance: value nos.	(2,600)	(5,200)	(7,800)	(10,000)	(15,000)	(20,000)																
	%	(13)	(22)	(30)	(36)	(45)	(53)																
P-7	Number of livestock to have safe shelter in the multipurpose shelters as a percentage (%) of total vulnerable livestock population needing shelter in targeted districts.	Target %																					
	Actual %																						
	Variance: value %																						
P-8	Increase in the student enrolment in percent due to creation of additional space and provision of modern facilities for schooling in the shelter cum schools.																						
P-9	Perception on the provision of improved communication facilities for the target groups for easy access to shelters cum schools.																						
P-10	Perception of beneficiaries on project interventions as safe haven																						
<b>Intermediate Result Indicators</b>																							
A-7A	General views of the Stakeholders on Social/ Environmental Safety Issues: (a) Complying appropriate social mitigation measures before and during construction phase.	Level of Satisfaction																					
A-7B	General views of the Stakeholders on Social/ Environmental Safety Issues: (b) Complying required environmental mitigation measures before and during construction phase.	Level of Satisfaction																					
A-8	Number of trainings conducted by the D&S Consultants for the capacity building of SMCs	Target nos.							4.00	8.00													
	Actual nos.																						
	Variance: value nos.																						
	%																						
A-9	Number of participants attending the training programs conducted for SMCs	Target nos.							480	960													
	Actual nos.																						
	Variance: value nos.																						
	%																						
A-10A	ICT monitoring of number of visits made in the project sites by: (a) D&S Consultant	Target (cumulative) m. days																					
	Actual (cumulative) m. days							1,740															
	Variance: value m. days																						
	%																						
A-10B	ICT monitoring of number of visits made in the project sites by: (c) M&E Consultant team members	Target (cumulative) m. days																					
	Actual (cumulative) m. days							14															
	Variance: value m. days																						
	%																						

## Annex 3: MDSP Results Framework

### Results Indicators per PAD

Project Development Objectives									
PDO Statement The development objective of this project is to reduce the vulnerability of the coastal population to natural disasters across selected coastal districts of Bangladesh.									
These results are at	Project Level								
Project Development Objective Indicators									
Indicator Name	Unit of Measure	Baseline	Results to Date (June 2017)	Cumulative Target Values (Calendar Year)					
				YR1 (2016)	YR2 (2017)	YR3 (2018)	YR4 (2019)	YR5 (2020)	End Target
P-1 Increase in the share of needs met of priority multipurpose disaster shelters in the targeted districts (Percentage)	%	60.00	60.00	60.00	65.00	70.00	75.00	80.00	80.00
P-2 Number of project beneficiaries who have access to multipurpose shelters in targeted districts (Number)	Number	0.00	0.00	121,500.00	314,500.00	557,500.00	968,500.00	12,36,500	12,36,500.00

Intermediate Results Indicators									
Indicator Name	Unit of Measure	Baseline	Results to Date (June 2017)	Cumulative Target Values (Calendar Year)					
				YR1 (2016)	YR2 (2017)	YR3 (2018)	YR4 (2019)	YR5 (2020)	End Target
A-1 Number of new multipurpose shelters constructed (Number)	Number	0.00	0.00	50.00	150.00	250.00	350.00	552.00	552.00
A-2 Number of multipurpose shelters rehabilitated (Number)	Number	0.00	0.00	50.00	100.00	200.00	325.00	450.00	450.00
A-3 Roads constructed, Rural (Kilometers) - (Core)	Kilometer	0.00	0.00	50.00	100.00	300.00	450.00	550.00	550.00
A-4 Number of additional classrooms built or rehabilitated at the primary level resulting from project interventions. (Number) - (Core)	Number	0.00	0.00	300.00	750.00	1350.00	2325.00	3000.00	3000.00
A-5 Participants in consultation activities during project implementation (number) (Number) - (Core)	Number	0.00	9,100.00	2000.00	5000.00	10000.00	13500.00	20,000.00	20,000.00
A-6 Participants in consultation activities during project implementation - female (Number - Sub-Type: Breakdown) - (Core)	Number	0.00	5,100.00	1000.00	2500.00	5000.00	6750.00	10,000.00	10,000.00



### Additional Results Indicators (Beyond PAD)

EXPECTED RESULTS (Col.1)	ADDITIONAL PDO INDICATORS (Col.2)		Unit of Measure (Col.3)	Baseline Value (Col.4)	Results to Date (June 2017) (Col.5)	Cumulative Values (Calendar Year)						Reasons for Variance Remarks (Col.12)	
						YR 0 (2015) (Col.6)	YR 1 (2016) (Col.7)	YR 2 (2017) (Col.8)	YR 3 (2018) (Col.9)	YR 4 (2019) (Col.10)	YR 5 (2020) (Col.11)		
<b>PDO</b> The development objective of this project is to reduce the vulnerability of the coastal population to natural disasters across selected coastal districts of Bangladesh.	P-3	Increase in the share of needs met of priority multipurpose disaster shelters in the targeted districts: <b>In terms of numbers:</b>	Target Actual Variance: value %	Number	3006	3006	Project start up activities	3006	3257	3507	3758	4008	
	P-4	Rehabilitation of Existing Shelters- Provide improved facilities (Modern floor, water supply, sanitation, separate toilets for men & women, separate space for disabled and maternity use, store room, solar power etc.) to vulnerable population.	Target Actual Variance: : value %	Number of target groups benefitted (Population)	0.00	0.00	Project start up activities	50,000.00	100,000.00	200,000.00	325,000.00	450,000.00	
	P-5	Total number of project beneficiaries who have access to the multipurpose shelters under MDSP as a percentage (%) of total vulnerable population in targeted districts.	Target Actual Variance: value %	%	-	0.00	Project start up activities	-	-	-	-	-	Indicator value is dependent on the total vulnerable population in targeted districts which will be obtained from Baseline Survey conducted by the M&E

EXPECTED RESULTS (Col 1)	ADDITIONAL PDO INDICATORS (Col 2)		Unit of Measure (Col 3)	Baseline Value (Col 4)	Results to Date (June 2017) (Col 5)	Cumulative Values (Calendar Year)						Reasons for Variance Remarks (Col 12)	
						YR 0 (2015) (Col 6)	YR 1 (2016) (Col 7)	YR 2 (2017) (Col 8)	YR 3 (2018) (Col 9)	YR 4 (2019) (Col 10)	YR 5 (2020) (Col 11)		
												Consultant.	
	P-6	Provision of space for providing shelter to live stock for safety in new shelters during disasters.in targeted districts.	Target Actual Variance value %	Number	18,000.00	18,000.00	Project start up activities	28,000.00	48,000.00	68,000.00	88,000.00	1,28,400.00	
	P-7	Number of livestock to have safe shelter in the multipurpose shelters as a percentage (%) of the total vulnerable livestock population in targeted districts.	Target Actual Variance: value %	%	-	-	Project start up activities	-	-	-	-	-	Indicator value is dependent on the total vulnerable livestock population in targeted districts which will be obtained from Baseline Survey conducted by the M&E Consultant.
	P-8	Increase in the student enrolment in percent due to creation of additional space and provision of modern facilities for schooling in the shelter cum schools.	Target Actual Variance: value %	%	0.00	-	Project start up activities						Baseline data of student enrolment is being collected. Indicator based evaluation will

EXPECTED RESULTS (Col.1)	ADDITIONAL PDO INDICATORS (Col.2)	Unit of Measure (Col.3)	Baseline Value (Col.4)	Results to Date (June 2017) (Col.5)	Cumulative Values (Calendar Year)						Reasons for Variance Remarks (Col.12)	
					YR 0 (2015) (Col.6)	YR 1 (2016) (Col.7)	YR 2 (2017) (Col.8)	YR 3 (2018) (Col.9)	YR 4 (2019) (Col.10)	YR 5 (2020) (Col.11)		
												be made at Mid-term and End of Project Survey.
	P-9 Perception on improved communication facilities for the target groups for easy access to shelters cum schools.				Project start up activities							Baseline data has been collected. Evaluation will be made at Mid-term and End of Project Survey.
	P-10 Perception of beneficiaries on project interventions as safe haven.				Project start up activities							Baseline data has been collected. Evaluation will be made at Mid-term and End of Project Survey.

**Additional Intermediate Results Indicators.**

EXPECTED RESULTS (Col. 1)	INTERMEDIATE RESULT INDICATORS (Col. 2)	Unit of Measure (Col. 3)	Baseline Value (Col.4)	Results to Date (June 2017) (Col 5)	Cumulative Values (Calendar Year)						Reasons for Variance Remarks (Col 12)
					YR 0 (2015) (Col 6)	YR 1 (2016) (Col 7)	YR 2 (2017) (Col 8)	YR 3 (2018) (Col 9)	YR 4 (2019) (Col 10)	YR 5 (2020) (Col 11)	
	A-7 General views of stakeholders on Social/ Environmental Safety Issues:  (a) Complying appropriate social mitigation measures before and during construction phase.  (b) Complying required environmental mitigation measures before and during construction phase.	Level of Satisfaction			Project start up activities						Stakeholders views being obtained during periodic field visits by the M&E Consultant.
	A-8 Number of trainings conducted by the D&S Consultants for the capacity building of SMCs.	Target Actual Variance: value %	Number	0.00	Nil	Project start up activities	-	8			

EXPECTED RESULTS (Col. 1)	INTERMEDIATE RESULT INDICATORS (Col. 2)		Unit of Measure (Col. 3)	Baseline Value (Col.4)	Results to Date (June 2017) (Col.5)	Cumulative Values (Calendar Year)						Reasons for Variance Remarks (Col.12)	
						YR 0 (2015) (Col.6)	YR 1 (2016) (Col.7)	YR 2 (2017) (Col.8)	YR 3 (2018) (Col.9)	YR 4 (2019) (Col.10)	YR 5 (2020) (Col.11)		
	A-9	Number of participants attended in the training programs conducted for SMCs.	Target Actual Variance: value %	Number	0.00	Nil	Project start up activities	-	960				
	A-10	ICT monitoring of number of visits made in the project sites by:  (a) D&S Consultant   (b) M&E Consultant team members	Target Actual Variance: value %  Target Actual Variance: value %	Number (Man-days)  Number (Man-days)	0.00  0.00	1,740.00  14.00	Project start up activities  Project start up activities						Field visits were conducted as needed.

### Annex 3A: MDSP Annual Work Plan - 2017

#### Monitoring and Evaluation (M&E) Support Consultant for Multipurpose Disaster Shelter Project (MDSP).

SI No	Task Name	Commencement Date	Target Date of Completion	2016												2017												Physical Progress to be achieved in 2017 (%)
				Q2			Q3			Q4			Q1			Q2			Q3			Q4						
				A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D				
1	<b>School cum Shelter &amp; Road Construction Packages</b>																											
2	Package LGED / MDSP / FENI / 2015-16 / NCB / NW-03 (Feni, 06 Shelters)	Apr19'16	Oct 17'17	[Progress bar: 100%]													100											
3	Package LGED / MDSP / FENI / 2015-16 / NCB / NW-01 (Feni, 07 Shelters)	Jun 26'16	Dec 27'17	[Progress bar: 100%]													100											
4	Package LGED / MDSP / FENI / 2015-16 / NCB / NW-02 (Feni, 06 Shelters)	Jun 26'16	Dec 27'17	[Progress bar: 100%]													100											
5	Package MDSP-II-7-LPI-0-NW-01(Barisal, 58 Shelters)	Nov 12'16	Nov-9'18	[Progress bar: 57%]													57											
6	Package MDSP-II-7-LPI-0-NW-02(Bhola, 42 Shelters)	Mar 8'17	Mar 6'19	[Progress bar: 41%]													41											
7	LGED/MDSP/COX/14-15/NW-4(Cox's Bazar, 62 Shelters)	Dec 4'17	Dec 3'19	[Progress bar: 4%]													4											
8	LGED/MDSP/LAK/14-15/NW-6(Lakshimpur, 34 Shelters)	Dec 4'17	Dec 3'19	[Progress bar: 4%]													4											
9	LGED/MDSP/NOA/14-15/NW-9(Noakhali, 35 Shelters)	Dec 4'17	Dec 3'19	[Progress bar: 4%]													4											
15	<b>Repairs to Existing Shelters- Packages</b>																											
16	Package LGED / MDSP / CHI/W-01 (Chittagong-Rehab, 130 Shelters)	Jun 1' 17	Nov 30'18	[Progress bar: 39%]													39											

## Annex3B: Process Monitoring Form PMF-A2: Process Monitoring - Package wise Construction of New Cyclone Shelters including Shelter Connecting Road

Date:30-06-2017																			
Package wise Shelter Information						Preparatory works up to design approval						Tender notice up to signing of contract						Remarks (any relevant information not yet included e.g. causes of delays)	
Package No.	No. of Cyclone Shelter cum School	Shelter Connecting Road under the Package		Location of the Shelter		Design Works - Date of approval	EIA/ IEE Study			Social and Resettlement Study			Tender Process						
		Access Road (Km)	Bridge/Culvert (Nos.)	Upazila	District		Date of submission to M&E	Date of recommendation by M&E	Date of concurrence by WB	Date of submission to M&E	Date of recommendation by M&E	Date of concurrence by WB	Tender notice - date	Tender received - date	Tender approval - date	Letter of Award - date	Contract signed - date		Contract ID
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Feni - 01	7	1.67	-	Feni Sadar & Fulgazi	Feni	-(Design works completed)	-	-	-	-	-	-	18-04-16	05-05-16	30-05-16	31-05-16	26-06-16	LGED/MDSP/FENI/2015-16/NCB/NW-01	
Feni - 02	6	2.70	3	Chagalnaiya, Daganbhuiyan, Pashuram & Sonagazi	Feni	-(Design works completed)	-	-	-	-	-	-	18-04-16	05-05-16	29-05-16	31-05-16	26-06-16	LGED/MDSP/FENI/2015-16/NCB/NW-02	
Feni - 03	6	1.28	1	Sonagazi	Feni	-(Design works completed)	-	-	-	-	-	-	24-02-16	28-03-16	10-04-16	11-04-16	19-04-16	LGED/MDSP/FENI/2015-16/NCB/NW-03	
Barisal	58	46.75	28	Babugonj, Bakergonj, Banaripara, Gournadi, Hizla, Mehendigonj, Muladi & Barisal Sadar	Barisal	-(Design works completed)	-	-	-	-	-	-	21-03-16	12-05-16	24-08-16	26-09-16	10-10-16	LGED/MDSP-II-7-LPI-O-NW-01	
Bhola	42	9.4	7	Bhola Sadar, Borhanuddin, Char Fassion, Daulakhan, Lalmohon, Monpura & Tajumuddin	Bhola	-(Design works completed)	-	-	-	-	-	-	17-04-16	13-06-16	26-10-16	27-12-16	24-01-17	LGED/MDSP-II-7-LPI-O-NW-02	
Cox's Bazar	62	20.97	3	Chakaria, Cox's Bazar Sadar, Kutubdia, Mohekhali, Pekua, Ramu, Teknaf & Ukha	Cox's Bazar	-(Design works completed)	-	-	-	-	-	-	-(Completed)	-(Completed)	-	-	-	-	
Lakshmpur	34	20.14	22	Kamalagar, Lakshmpur Sadar, Ramgonj, Ramgati & Roypur	Lakshmpur	-(Design works completed)	-	-	-	-	-	-	-(Completed)	-(Completed)	-	-	-	-	
Noakhali	35	12.99	13	Begumgonj, Chatkhil, Companigonj, Hatiya, Kabirhat, Noakhali Sadar, Senbag, Sonaimuri & Suborno Char	Noakhali	-(Design works completed)	-	-	-	-	-	-	-(Completed)	-(Completed)	-	-	-	-	

### Annex 3C: Process Monitoring Form PMF-A3: Process Monitoring - Package wise Improvements to Existing Shelters

Date:30-06-2017

				Preparatory works up to design approval							Tender notice up to signing of contract					
Package wise Shelter Information	No. of Cyclone Shelter cum School	Location of the Shelter		Design Works - Date of approval	EIA/ IEE Study			Social and Resettlement Study			Tender Process					
		Upazila	District		Date of submission to M&E	Date of recommendation by M&E	Date of concurrence by WB	Date of submission to M&E	Date of recommendation by M&E	Date of concurrence by WB	Tender notice - date	Tender received - date	Tender approval - date	Letter of Award - date	Contract signed - date	Contract ID
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Chittagong (Rehab)	130	Anowara, Banshkhali, Boalkhali, Chandanaish, Fatikchhari, Hathazari, Lohagara, Mirsharai, Patiya, Rangunia, Sandwip, Salkania & Sitakundu	Chittagong	-(Design works completed)	-	-	-	-	-	-	24-01-17	26-02-17	14-05-17	24-05-17	19-06-17	LGED/MDSP /CHI/W-01



### Annex 3D: Progress Monitoring Form PMF-A4: Progress Monitoring - Package wise Construction of New Cyclone Shelters including Shelter Connecting Roads

Date:30-06-2017																
Package No.	No. of Cyclone Shelter cum School	Shelter Connecting Road under the Package		Location of the Shelter		Estimated Cost (Tk in lakh)	Contract Cost (Tk in lakh)	Date of Contract sign/ commencement of work	Target date of completion	Physical Progress (%)			Financial Progress (Taka in lakh)			Remarks
		Access Road (Km)	Bridge/Culvert (Nos.)	Upazila	District					Cumulative as of 31 May 2017	This month	Total	Cumulative as of 31 May 2017	This month	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Feni - 01	7	1.67	-	Feni Sadar & Fulgazi	Feni	2633.05	2918.11	26-06-16	27-12-17	21	2	23	336	282	618	
Feni - 02	6	2.70	3	Chagalnaiya, Daganbhuiyan, Pashuram & Sonagazi	Feni	2382.74	2612.3	26-06-16	27-12-17	26	3	29	597	87	684	
Feni - 03	6	1.28	1	Sonagazi	Feni	2360.47	2599.37	19-05-16	17-10-17	53	5	58	1286	217	1503	
Barisal	58	46.75	28	Babugonj, Bakergonj, Banaripara, Gournadi, Hizla, Mehendigonj, Muladi & Barisal Sadar	Barisal	29381.28	34500.14	11-12-16	11-09-18	18	2	20	3011	3288	6299	
Bhola	42	9.4	7	Bhola Sadar, Borhanuddin, Char Fassion, Daulatkhan, Lalmohon, Monpura & Tajumuddin	Bhola	19199.07	22442.07	03-08-17	03-06-18	3	4	7	0.00	1030.00	1030	

## Annex 4: Operational Risk Assessment Framework (ORAF)

Risk Indicators	Rating	Risk Management Measures	Responsibility	Stage	Frequency	Compliance Status
<p><b>A. Project Stakeholder Risks</b></p> <p>Risk Description</p> <p>Project stakeholders are expected to be broadly supportive of the project.</p> <p>The Bank has been engaged in disaster risk reduction efforts in shelter construction and rehabilitation. Project financing will expand the investments to improve the equitable distribution of shelters.</p>	Moderate	Continued dialogue with relevant stakeholders, including Government agencies, donors, CSOs, private sector and local communities through Communications, Consultation, and frequent follow up	LGED and WB	Planning & Implementation	Continuous	Public consultation meetings are held by LGED and D&S Consultant with local individuals, elites, teachers, Chairmen and members of UP and SMCs during conducting Environmental and Social Assessment studies of different shelters. The participants are informed about the project interventions with specific benefits thereof. The issues and recommendations raised by the stakeholders during consultation meetings are taken due care in the planning and design of the project.
<p><b>B. Implementing Agency Risks (including fiduciary risks)</b></p>	Substantial					
<p>Risk description:</p> <p><b>(i) Capacity</b></p> <p>LGED has been engaged in the construction and rehabilitation of cyclone shelters under an existing IDA credit. Governance risks, particularly with respect to contract management and procurement are present. Challenges to adequate</p>		(i) Project Implementation will be supported by a dedicated Project Management Unit that will receive technical assistance and adequate budget to implement the project. Risks to maintenance will be carefully assessed.	LGED	Implementation	Quarterly	<p>a) A full time dedicated PMU headed by a PD and a DPD has been established within LGED.</p> <p>b) The PMU receives technical assistance through engaging an experienced team of D&amp;S Consultants. An independent M&amp;E Consultant team also supports PMU on overall project oversight, monitoring and evaluation including</p>

<p>maintenance continue to prevail.</p>						<p>following up of compliance status of EMP, SMP, ORAF, GAAP etc.</p> <p>c) Adequate budget for timely implementation of the project is provided by GoB.</p>
<p><b>(ii) Financial Management:</b> LGED has relatively good capacity in financial management. Skilled FM staff will be made available to the project under a dedicated Project Management Unit(PMU) within each agency, Currently there are no overdue audits under any other IDA Credits implemented by LGED, and FM arrangement have been satisfactory.</p>		<p>(ii) A Senior Financial Management Specialist will be recruited within the PMU to oversee FM issues.</p>	<p>LGED</p>	<p>Implementation</p>	<p>Quarterly</p>	<p>A Senior Financial Management Specialist has been recruited by LGED to assist the PMU in respect proper financial management.</p>
<p><b>(iii) Procurement:</b> The procurement of works is likely to pose risks with respect to hiding, evaluation of bids and contract management.</p>		<p>(iii) Procurement risks will be mitigated through the use of large contract package (ICB) managed from Dhaka, as well as by review and award of the procurement package by a procurement panel.</p>	<p>LGED</p>	<p>Implementation</p>	<p>Continuous</p>	<p>Procurement risks have mostly been mitigated through:</p> <p>a) Use of large contract packages (ICB) and;</p> <p>b) Technical and financial evaluation and award of contract packages by a procurement panel.</p>

<b>C. Governance</b>	Substantial					
<p>Risk Description</p> <p>Some governance risks exist for the project, in</p> <p>(i) contract Management and</p> <p>(ii) Procurement, given the size and nature of the contracts for construction</p>		<p>a) The project will continue to be ring-fenced to ensure transparency in contracting through the use of a Procurement Panel, large ICB contracts, and through the use of a GAAP.</p> <p>b) The project will ring-fence procurement risks to the greatest extent possible, with a procurement panel, ICB to attract international bidders, and disclosure requirement in the bidding process. Construction quality will be monitored by an independent supervision consultant. In addition, active monitoring by the bank team with the Dhaka based staff and Consultants and frequent visits to the field would help in timely action in case of irregularity.</p>	LGED	Implementation	Continuous	<p>a) Transparency in procurement is ensured through i) making large ICB contract packages, ii) following appropriate bidding and evaluation process involving independent procurement panel and iii) use of GAAP action plan.</p> <p>b) Construction quality is being supervised by the D&amp;S Consultant who also act as 'Engineer';</p> <p>c) Independent M&amp;E Consultant carry out overall monitoring and evaluation of project implementation, make periodic field visit reports and make specific recommendations;</p> <p>d) WB team also make active monitoring of project activities which are reflected in the periodic Aide Memoirs.</p>
<b>D. Design</b>	Moderate					
<p>Risk description</p> <p>The technical designs of the cyclone shelter pose very low risks. The types of shelters have been developed and tested under previous investments.</p>		<p>The design will continue to seek feedback for improvements through engagement with local stakeholder groups to discuss any issues.</p>	LGED	Implementation	Continuous	<p>The design of interventions are based on the suggestions and recommendations made by the participants during conduct of the EA and SA reports of individual structures.</p>

<b>E. Social &amp; Environmental</b>	Moderate					
<p>Risk description</p> <p>The construction phase may cause unforeseen environmental of social impacts.</p>		<p>Site specific EMPs and SMPs will be prepared in line with the project's ESMF/TDF. Land acquisitions is not anticipated under the project , however an RPF will be prepared to guide any site specific TDPs or RAPs, should tribal population be found in the area or if land acquisition be unavoidable.</p>	LGED	Implementation	Quarterly	<p>Site specific EA and SA studies leading to the formulation of EMPs and SMPs are carried out by the D&amp;S Consultants. These are duly reviewed and cleared by the WB.</p> <p>Compliance of the EMPs and SMPs are ensured by the Contractors, supervised by the D&amp;S Consultant.</p> <p>The M&amp;E Consultant also supervise implementation of environmental and social safeguards.</p>
<b>F. Program &amp; Donor</b>	Low					
<p>Risk Description</p> <p>While several donors are active in disaster risk reduction efforts, the Bank has been the lead financier on the construction and rehabilitation of multipurpose cyclone shelters. Under previous IDA Credits, several donors provide co-financing to the continued construction of shelters.</p>		<p>Continued engagement with lead donors and international agencies working in the coastal areas.</p>	LGED and WB	Planning and Implementation	Continuous	<p>Being carried out by the Agencies.</p>

<b>G. Delivery Monitoring &amp; Sustainability</b>	Moderate					
<p>Risk Description</p> <p>The remote sites of many of the cyclone shelters, and the high numbers of shelters to be financed under the project will make it difficult to monitor construction quality in each site, thereby posting a risk to delivery monitoring and sustainability of the investments.</p>		<p>Switching to steel shelter construction would alleviate many of these issues, An ICT monitoring system will be developed to assist in a more efficient and accountable monitoring system within LGED.</p>	LGED	Implementation	Continuous	<p>a) D&amp;S Consultant will review and adopt the steel shelter designs adopted for ECRRP for a pilot district;</p> <p>b) An ICT monitoring system has been developed by the D&amp;S Consultant which is being effectively used.</p>

## Annex 5: Multipurpose Disaster Shelter Project: Governance and Accountability Action Plan (GAAP)

Issues/Risks/ Objective	Actions	Agency responsi ble	Timeline	Early Warning Indicators to Trigger Additional Action	Status (As of June 2017)
<b>Governance Risks</b>					
Need to ring-fence the project from the broader governance and accountability concerns in Bangladesh	a) Retain independent consultants for design, construction supervision (D&S) who act as "Engineer" for the project  b) Procurement panel established to undertake all technical reviews and awards  c) Frequent supervision by World Bank supervision teams, including frequent site visits by M&E Consultant	LGED  LGED  Task team/WB	Key staff recruited prior to start  Ongoing  Ongoing At least quarterly	Delays in conduct of procurement, execution of contracts, processing of payments, filing reports  Evidence of quality issues through field visits.	a) Complied  b) Procurement Panel established on December 13, 2015.  c) Frequent site visits being undertaken by WB task team, D&S Consultant and the M&E Consultant.

<p>Potential for or reduce risks of conflict of interest among participants in procurement</p>	<p>a) International Competitive Bidding (ICB) contracts for all procurement of works</p> <p>b) Declarations of no conflict of interest by LGED personnel, including members of procurement panel members, and bidders</p>	<p>LGED</p> <p>LGED</p>	<p>Bidding documents prior to project approval</p> <p>LGED personnel ' by effectiveness; bidders at submission</p>	<p>Procurement red flags in ex ante and ex post review</p> <p>Inconsistencies with 'need to know' principles in procurement mapping, evidence of unauthorized access to information</p>	<p>a) ICB contracts are being adopted for all civil work procurements except three initial LCB contracts in Feni district.</p> <p>b) Complied.</p>
	<p>c) Require bidders' statements concerning agents and other possible connections to persons involved with procurement.</p>	<p>LGED</p>	<p>At bidding stage</p>	<p>Delays in suo moto disclosure plan issuance/implementation</p> <p>Website and newsletter are delayed or not updated.</p>	<p>c) Bidders' statements are furnished for each individual package.</p>



<b>Local Institutional Capacity Risks</b>					
Reduce risks at the local level with supervision of works and monitoring to address possible quality issues in construction	a) Retain independent consultants for design, construction supervision (D&S) who act as "Engineer" for the project	LGED	Key staff recruited prior to start	Delays in conduct of procurement, execution of contracts, processing of payments, filing reports	a) Complied.
	b) Contract out M&E functions through M&E Consultant	LGED	Contracted in first year; quarterly reports	Changes in frequency of reports, frequency of edits to reporting system	b) Complied.
	c) ICT based monitoring system for LGED field officers with geo-tagging and photo capabilities	LGED	Ongoing	Unauthorized entry into monitoring system	c) Complied.
<b>Delivery and Sustainability Risks</b>					
Poor construction quality leading to poor sustainability of the Project	a) Shift to steel shelter construction to improve quality oversight, durability, maintenance and speed of construction	CSC, LGED	Ongoing	Nature and frequency of complaints	a) Generally, concrete structures are built. Steel shelter construction works involve about 15% extra cost. Steel shelters will be adopted in one district on pilot basis.
	b) Engagement with SMCs to identify ongoing monitoring, maintenance etc.	CSC, LGED	Ongoing		b) SMCs will be trained to oversee environment/ social safeguards issues and maintenance aspects.



Annex - 6



## MULTIPURPOSE DISASTER SHELTER PROJECT (MDSP)

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