



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 : 20.02.2023
Our ref : MDSP-M&E/FVR/96
Dealt by : Team Leader

Subject : Field Visit Report of the M&E Consultants of MDSP in Bhola District.

Sir,

The M&E Consultant of MDSP undertook field visit to the following packages in Bhola district with effect from 05 February, 2023:

- New Construction of Shelter cum School and Shelter Connecting Road: Contract Package No. **LGED/MDSP/BHO/14-15/NW-11.**

The supervision and evaluation observation of the M&E consultant on the field visit is sent herewith for favor of your kind disposal.

Regards.

Sincerely yours,

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

Encl.:- Field Visit Report

- CC:
1. Project Director, MDSP, LGED, Dhaka.
 2. Deputy Project Director, MDSP, LGED, Dhaka.
 3. Executive Engineer, LGED, Bhola district.
 4. Upazilla Engineer, Borhanuddin UZ, LGED, Borhanuddin, Bhola..
 5. Upazilla Engineer, Lalmohon UZ, LGED, Lalmohon, Bhola.
 6. Upazilla Engineer, Daulatkhan UZ, LGED, Daulatkhan, Bhola.
 7. Upazilla Engineer, Tojumuddin UZ, LGED, Tojumuddin, Bhola.
 8. Team Leader, D&S Consultant, MDSP, LGED, Dhaka.
 9. Regional Resident Engineer, D&S Consultant, MDSP, LGED, Barishal, Region, Barishal.
 10. Field Resident Engineer, D&S Consultant, MDSP, LGED, Bhola district, Bhola.
 11. Ignacio Urrutia, TTL, MDSP, WB, Dhaka.
 12. Ms. Swarna Kazi, Co-TTL, MDSP, WB, Dhaka.

**MULTIPURPOSE DISASTER SHELTER PROJECT (MDSP)
Monitoring & Evaluation (M&E) Consultant**

FIELD VISIT REPORT

1. Period of Visit : 06 February – 07 February 2021
2. Location of Visit : Bhola District.
3. Participant of visit : A.H.M. Mahbubur Rahman, TL, M&E Consultant, MDSP.
Md. Matiur Rahman, Civil Engineer/ M&E Specialist, M&E Consultant, MDSP
4. Officials met during Visit :

LGED

- Mr. Subrota Mojumder, Assistant Engineer, MDSP, LGED, Bhola.

D&S CONSULTANTS

- Mr. Md. Abdul Hamid, Regional Resident Engineer, Barishal;
- Mr. Uttam Kumar Hawlader, Field Resident Engineer, Bhola;
- Mr. Md. Sultan Mahmood, Field Supervisor, Bhola.

CONTRACTORS' PERSONNEL:

- (i) Pkg. No. LGED/MDSP/BHO/14-15/NW-11 (New Construction)
Contractor: M/S. Toma Construction & Co. Ltd.
 - Mr. Md. Asaduzzaman, Project Manager,
 - Mr. Md. Anisur Rahman, Deputy Project Manager,
 - Mr. Md. Saiful Islam, Deputy Project Manager,
 - Mr. Md. Amir Hamza, Project Engineer,
 - Mr. Md. Shahidul Islam, Project Engineer,
 - Mr. Md. Zamil, Site Engineer,
 - Mr. Md. Hasibur Rahman, Site Engineer,

SMC

- Mr. Md. Mahbubur Rahman, Head Master, 179 No. Dakhin Taragonj Islamia GPS at Lalmohon UZ,
- Mr. Md. Jamal Uddin, Head Master, 170 No. Taragonj GPS at Lalmohon UZ,
- Mr. Md. Jashim Uddin, President, SMC, 170 No. Taragonj GPS at Lalmohon UZ,
- Mr. Probir Kumar Dey, Head Master, Padama Monssa GPS at Borhanuddin UZ,
- Mr. Md. Mostafizur Rahman, Head Master, 67 No. Chandpur Fulkuri GPS at Tajumuddin UZ,

- Mrs. Nasrin Jahan, Head Master, 14 No. Lezpata GPS at Daulatkhan UZ,
- Mr. Md. Nazrul Islam, Head Master, 11 No. Charpata High attach GPS at Daulatkhan UZ.

5. Activities of Visit : **Monitoring of the Construction Activities of MDSP Works.**

6. Sites visited: 6 nos. of New construction of shelter sites in **Pkg. No. NW-11**

Pkg. No. LGED/MDSP/BHO/14-15/NW-11 (New Construction):

- i) **BHP-519:** 179 No. Daskhin Taragonj Islamia GPS cum CS at Lalmohon UZ;
- ii) **BHP-1093:** 170 No. Taragonj GPS cum CS at Lalmohon UZ;
- iii) **BHP-1202:** Padama Monossa GPS cum CS at Borhanuddin UZ;
- iv) **BHP-1102:** 67 No. Chandpur Fulkuri GPS cum CS at Tajumuddin UZ;
- v) **BHP-309:** 14 No. Lezpata GPS cum CS at Daulatkhan UZ;
- vi) **BHP-512:** 11 No. Charpata High attach GPS cum CS at Daulatkhan UZ.

7. **Findings and Observations of M&E Consultants:**

A. General:

The M&E Consultants undertake the field visits as part of its obligation to perform the following:

- a) Overall monitoring and evaluation of project implementation activities;
- b) Carry out independent monitoring of project progress, inputs, outputs and outcomes and impact of project interventions at different point time;
- c) Supervise compliance of social and environmental safeguards;
- d) Propose recommendations for appropriate corrective actions, if any.

B. Package Description.

The M&E Consultants visited the following shelter sites:

Package NW-11:

It is an ICB package. It covers construction of 97 nos. new shelters and shelter connecting roads where necessary in Bhola district. The work was awarded to M/S Toma Construction and Company which is to commence from 08 March 2020 and is targeted to be completed by 28 March 2022. As the desired progress could not be achieved, contract implementation period has been extended by 12 months up to 29 March 2023.

The M&E Consultants visited 6 nos. of new shelter sites at Lalmohon, Borhanuddin and Tojumuddin and Daulatkhan Upozilas of Bhola district.

Physical Progress

- Out of total 97 nos. of new shelters, 67 nos. shelters have been completed and handed over to SMCs while 15 others are ready for handing over soon as reported by the field officials. Works are still going on in remaining 15 shelter sites.

- The physical progress of the construction of the 6 new shelters we visited are as follows:
Completed and handed over to the SMCs: BHP- 519: 100%; BHP- 1093: 100%; BHP-1202: 100% and BHP- 1102: 100%. (Photo: OC 1349)
Nearly completed ongoing shelters: BHP- 309: 90%; BHP- 512: 95%
- As of end of January 2023, overall physical progress of the package is **89.59%** against the target of **95%** (in terms of time allowed).

C. Evaluation of the completed Shelter Buildings

Architectural Look of the Shelter Buildings: The newly completed shelter cum school buildings have very nice look (Photo: 01). The completed shelters have provision of all modern facilities like water supply, sanitary toilet, electric power supply, solar power supply, rain water harvesting arrangements, underground water storage reservoir, dedicated floor with ramp for livestock accommodation, metaled internal road, shelter access road, supply of new furniture for teachers and students etc. These will indeed create confidence amongst the stakeholders to take shelter during devastating cyclone fore-casts. The new structure will also create a very congenial school environment. The overall quality of works of the shelters is good. The verandah is quite spacious (Photo: 02).



Use of the Shelters during the last cyclone 'Sitrang'

It has been reported that huge nos. persons along with livestock took shelter in the newly built shelters during the last cyclone 'Sitrang' as occurred on the night of 24 October, 2022. The school authorities however informed that it became very difficult for them to clean the cow dung after the cyclone as they have minimum or no manpower to keep the whole complex clean.

Class Accommodation: Previously, the primary classes used to be taken in two shifts but according to latest Government order, the classes should held in one shift. They informed about the shortage of class rooms. They suggested that if the GF and the 1st floor is covered by MS fencing, then the problem of class accommodation may be overcome. This will also stop pilferage of valuable appliances supplied by the project.

Functioning of the Water Supply and Sanitary System in Completed Shelters:

The designed water supply system in the shelters is as follows: 2 nos. DTWs at the ground floor; 2 nos. DTWs at the first floor; 2 nos. hand pumps on the 2nd floor collecting water from the underground water tank. The submersible pump supplies water to underground water tank and also to 4 nos.

overhead tank. The remaining 2 nos. overhead tanks collect water through rain water harvesting system as also from the attached overhead tanks.

The main source of water supply to the toilets is the overhead tanks receiving water from the submersible pump. The total water supply system is working properly in the visited shelter sites as reported by the school authorities (**Photo: 03**). All the submersible pumps must be kept fully operative to keep the whole water supply and sanitary system functioning properly creating a good hygienic environment.



Photo: 03

DTWs were found in operation in most of the shelters (**Photo: 04**) but in some shelters these were found inoperative in GF due to pilferage of head and gate valve (**Photo: 05**). Due care must be given to keep safe the DTWs.



Photo: 04



Photo: 05

Toilets have been fitted with nice tiles and fixtures (**Photo: 03**). But in some shelters, toilets at 1st floor were found uncleaned (**Photo: 06**). School Authority should take due care to keep the toilets clean.



Photo: 06

Electrification System

The newly installed electrification system is complete. Fans, lights etc. are working properly. The solar power system has also been found working properly (**Photo: 07**).



The 1st floor is also being used as prayer room (**Photo: 08**)



In BHP-1202, Solar Inverter has not been installed yet. As a result, solar power system operation could not be started in the shelter

Furniture Supply

Supply of scheduled nos. of School Furniture has been completed as reported by the School Authority (**Photo: 09**)



Tree Plantation

Plantation has been done in most of the shelters but post plantation nursing activity is lagging in almost all the cases. The (Photo: 10).



Site Cleaning: Fair post construction site cleaning has been done in many shelters. However, yet some shelters are lagging in this respect. Debris in **BHP-1202** should be removed as early as possible (Photo: 11).



Shelter Connecting Roads

There has been no provision of Shelter Connecting Road (SCR) in the completed shelters.

D. Progress of the nearly completed ongoing shelters

Most of the physical works are completed in the shelters we visited. Field Officials reported that these shelters will be handed over in the month of March 2023. Shelter wise progress is stated below:

- **BHP-309:** Frame of the RCC structure including ram and part of the ancillary works have been done (Photo: 12).



Other ancillary works of the building is still ongoing as follows:

Brickwork; plastering work; tiles placement works at 2nd floor and staircase; plumbing/ sanitary works at toilets; railing placement at staircase; electrification works; installation of solar panel; fitting & fixing of PVC water tank and filter at roof etc. **(Photo: 13)**. Painting works, placement of wooden door shutters and Thai aluminium have not yet done **(Photo: 14)**.



Stone Chips: The stone chips as procured does not appear to be properly graded. **(Photo: 15)**



- **BHP-512:** Frame of the RCC structure including ram and part of the ancillary works have been done **(Photo: 16)**.



Other ancillary works of the building is still ongoing as follows:

Plumbing/ sanitary works at toilets; electrification works; installation of solar panel; fitting & fixing of PVC water tank and filter at roof; painting works etc. **(Photo: 17)**. Thai aluminium work has not yet done.



Shelter Connecting Roads

Of all the sites we visited, there is only provision of Shelter Connecting Road (SCR) only in BHP-512.

BH-512: SCR = 2625 m

Construction work of the shelter connecting road has already been started. Preparation of sub-base is still ongoing **(Photo: 18)**. Construction of 7 nos. of culverts along the road has also been completed **(Photo: 19)**.



Bank protection work of the road has been completed **(Photo: 20)**



E. Conclusion

We also express our appreciation and thanks to the field personnel of LGED, the DS Consultants, School Authorities, Teachers and the field personnel of the Contractor for their kind cooperation extended to us during the field visit.



A.H.M. Mahbubur Rahman,
Team Leader, M&E Consultant,
MDSP, LGED