

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

FIELD VISIT REPORT

1. Period of visit : 23-25 September 2017
2. Location of visit : Feni district.
3. Participants of visit : A.H.M. Mahbubur Rahman, TL, M&E Consultant
Md. Barkat Ullah, Environmental Specialist, M&E Consultant
4. Officials met during visit :

LGED OFFICIALS

- Mr. Mohammad Shah Alam Patwari, Executive Engineer, LGED, Feni

D&S CONSULTANTS

- Mr. Md. Asaduzzaman, FRE, Feni Region, D&S Consultant
- Mr. Lemon, Field Supervisor, D&S Consultant, Feni
- Mr. Apurbo Das, Field Supervisor, D&S Consultant, Feni
- Mr. Md. Masud Hossain, Field Supervisor, D&S Consultant, Feni

CONTRACTORS' PERSONNEL

- Mr. Ratan Banik, Coordinator, Pkg. Nos. NW-01 & 02,
- Mr. Ashique Prottya, Site Engineer, Pkg. No. NW-01 & 02,
- Mr. Mehedi Hasan, Project Manager, Pkg. No. NW- 01,
- Mr. Khokon Chakma, Supervisor, Pkg. No. NW- 01,
- Mr. Md. Salauddin, Supervisor, Pkg. No. NW- 02,
- Mr. Ashikur Rahman Potty, Project Manager, Pkg. No. NW- 02,
- Mr. Hemanta Mitra, Project Manager, Pkg. No. NW- 02,
- Mr. Mojib, Site Engineer, Pkg. No. NW-03,
- Mr. Tuhin, Project Coordinator, Pkg. No. NW- 03,
- Mr. Md. Didar Ahmed, Site Supervisor, Pkg. No. NW- 03.

SMC

- Mr. Md. Enamul Haque, Head Master, Purbo Pathannoror GPS

5. Activities of Visit : **Monitoring the Field Works of MDSP**
6. Sites visited :
The following Shelters sites were visited:-

Feni District

- i) FEP-176: Uttar Fazilpur GPS at Feni Sadar UZ;
- ii) FEP-333: Char Luxmiganj GPS at Sonagazi UZ;
- iii) FEP-292: Ragunathpur Kaiser Raihan GPS at Sonagazi UZ
- iv) FEP-014: Purbo Pathannogor GPS at Chagalnaiya UZ
- v) FEP-020: Uttar Jashpur GPS at Chagalnaiya UZ
- vi) FEP-171: Panchgachia GPS at Feni Sadar 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. Physical works:

The M&E Consultants visited the following shelter sites:

Construction of New Shelters

The M&E team visited 6 nos. under construction new shelter sites in Chagalnaiya, Fulgazi and Sonagazi upazilas of Feni district.

- The reported physical progress of the construction of the 6 new shelter works are as follows: **FEP-176: 65%; FEP-333: 32%; FEP-292: 30%; FEP-014: 34%, FEP-020: 36% and FEP-171: 63%.**
- The completion dates of almost all the shelters are **31 December 2017**. Progress of physical works in most of the shelters under **Contract Package No.03** are advanced compared to works of Contracts of **Packages 1 and 2**. It is however apparent that the works of the three packages may not be completed in time.
- **FEP-176:** all the RCC work of ground floor, 1st floor and 2nd floor has been done. The quality of concrete should be improved (**Photo 1**).
Because of scarcity of land, sanitary pit concreting has been done inside for subsequent placement outside (**Photo 2**).





- There is bulging in the concrete of parapet which is seen to be scrubbed before plastering (**Photo 3**).
- **FEP-333:** construction of the grade beams have been done. Concrete quality of grade beam looks fairly good (**Photo 4**).
Preparation for casting columns above grade beam is in progress. Column shutters should be so placed that there remains no gap in the joint (**Photo 5**).
The labor shed has been made by using CI sheets but there is no cross ventilation arrangement. Ventilation arrangement should be made (**Photo 6**).



- **FEP-292:** only columns below grade beam level has been cast (**Photo 7**). No labor was working at site. It is hardly possible to complete the work in time.
- **FEP-014:** the progress is disappointing (**Photo 8**). No labor was working at site.



- **FEP-020:** the progress is too slow. No labor was found working at site. Quality of concrete is also not good (**Photo 9**).

Since the structure is located on an existing pond, some protective work need to be done for the safety of the shelter cum school. There should be barrier in the back side of the structure for the safety of the child students of the school (**Photo 10**).



- **FEP-171:** Physical progress is better compared to other structures (**Photo 11**). However, the quality of concrete work should be improved (**Photo 12**).



- Shutter materials have not been properly stacked at safe location (**Photo 13**).
- M.S rods have been kept covered but should have been placed on raised platform (**Photo 14**).



Construction of Shelter Connecting Road

The 180 m long shelter connecting road relating to **FEP 176** has been completed. The road passes very close to a pond. Some protective works are required to be done at pond location for the sustainability of the road (**Photo 15**).



C. Compliance of Environmental Safety Measures.

Fourteen (14) items covering EMP mitigation measures have been included in contract BoQ. Our observations on the general compliance of the EMPs are as follows:

- **First Aid Box:** First Aid Box was found in each and every subproject during field visit.
- **Grass Turfing:** Construction of cyclone cum school is not completed as yet. So, there is no opportunity to turf grass on the building compound.
- **Tree Plantation:** In BoQ, there is a provision to afforest tree around of the cyclone cum school compound but tree plantation has not been done because the construction is not completed.
- **Water filter:** Functional water filter was found in each subproject.
- **Safety Gear:** Some labors were found to use safety gears such as helmets, rubber shoes, light reflecting dress, hand gloves and other safety devices during they work. Labors should be motivated to use safety gears.
- **Motivational training:** The Upazilla Engineer's and Contractor's representatives did not get any motivational training on environmental issues to implement EMPs. This should be done.
- **Sanitary Latrine/Septic Tank/Portable Toilet:** Sanitary latrines for use by the labors were found but the quality of the latrines should be improved.
- **Camp Site Waste Disposal Facility:** There is provision in BoQ to construct waste disposal (one organic waste and one inorganic waste disposal) in each subproject but no waste disposal facility was observed during field visit.

We understand that this item is meant for earmarking separate waste disposal areas away from construction sites to dispose of all construction wastes. In reality, the wastes are kept haphazardly in construction sites creating an unhealthy environment (**Photo 16**).

- **Dust Suppression Measures:** Mostly sand was kept under cover but in many places this remained exposed (**Photo 17**).



- **Health/Safety Warning Sign:** Health/safety warning sign was found in every subproject site to give the warning of students and general public related to health.
- **Tube well Installation:** Tube wells have been installed in each subproject to get safe drinking water for the labour and the site staff.
- **Temporary Shed:** One temporary shed for alternate accommodation of classes was found in **FEP: 176**. Cross ventilation facility has not been made in the temporary shed (**Photo 18**). This should be done. There is no temporary shed in other visited shelters.

D. Compliance of SMP and RP

For Shelters, LGED generally do not prepare RAP involving acquisition of land and resettlement of the PAPs as the shelters are mostly built in the premises of Government Primary Schools. During field visit, generally no problem relating to land and resettlement of PAPs was observed except in **FEP-176** where there is some shortage of land (5'x25') for construction of apron, septic tank and soak well. The adjacent private land owners are not willing to spare land. It was informed that the design would be modified to overcome the land problem.



E. Opinion of SMC

The Head Master/Head Mistress is an important member of the SMCs. One Mr. Md. Enamul Haque, Head Master, Purbo Pathannoror GPS (**FEP-014**) informed that due to construction of the new shelter building in the school premises, the prolonged need of filling up of the deep ditch in the school premises which was a threat to the safety of the students would be met. Besides, the long cherished desire of the improvement of the dilapidated school building will be achieved. This along with supply of school logistics will greatly create a congenial environment for an improved schooling activities. He verily hopes that after completion of the shelter cum school, the nos. of student enrolment will increase.

F. Conclusion.

We would recommend to PMU, D&S consultants and related stakeholders to please consider our observations given above and take necessary measures as deemed appropriate.

Finally, we express our deep appreciation and thanks to the field personnel of LGED, the DS Consultants, School Authorities, Teachers and the Contractors for their kind cooperation extended to us during the field visit.

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MDSP, LGED