

Reference: ISPMC JV NHC-EMM
ISPMC – FRERMIP soniafrermip@gmail.com
667
06 February 2020

To:
Md. Rafiqul Islam Choubey,
Project Director,
Flood and Riverbank Erosion Risk Management Investment Program,
152/3/B Bir Uttam, Kazi Nuruzzaman Road, Panthopath,
Firoz Tower, (12th Floor) Dhaka-1205, Bangladesh.

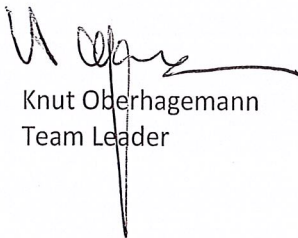
Subject: Submission of EMP Compliance Monitoring Report of 3nos Embankment Packages.

Dear Sir,

Kindly find attached Monitoring Report for EMP Implementation of the Contract Packages - W-03, W-04 and W-05 prepared by our National Environmental Specialist for favour of your information and necessary action.

Sincerely Yours,

JV Northwest Hydraulic Consultants – Euroconsult Mott MacDonald


Knut Oberhagemann
Team Leader



Cc: Office file;
Sharif Al Kamal, Deputy Team Leader, ISPMC- FRERMIP.

FRERMIP – Monitoring of EMP Implementation

Taher Brothers Ltd.- M.A Enterprise (JV)

(Contract Package W-03/2016-2017)

This monitoring form includes three parts, i.e.:

PART 1: General Project information, findings and recommendations

PART 2: Monitoring Contractor's EMP and Safety at Site Compliance

PART 3: Pictures taken during the monitoring visit

This monitoring report has been prepared in accordance with Environmental Management Plans (EMP) mentioned in EIA for Tranche-1 of the ADB-financed Flood and Riverbank Erosion Risk Management Project (2014-2023), i.e. the:

- (i) EMP included as Chapter 10 in the EIA (of May 2014) as enclosed in Volume IV – 'Social Development and Safeguards' of the PPTA report for FRERMIP – this EMP distinguished three phases: Pre-Construction, Construction and Post-Construction and is meant to manage and mitigate all identified adverse impacts of the project).
- (ii) EMP as included in the Contractor's Contract, i.e. as Bill of Quantities-Bill no. 02 – 'EMP and Safety at the Site' of Chapter 6 – this EMP spells out all environmental management obligations of the Contractor on working sites and in worker's camps (the focus of PART 2).

PART 1 – General Project Information, Findings and Recommendations

1-A Location, key contacts and report

Sub-Project	JRB-1		
Location:	Benotia	Monitoring report:	R-2 of 2019
Date of visit:	December 21, 2019	Date:	January 05, 2020
Contract Package:	W-03 /2016-2017	By:	Md. Amir Faisal Environmental Specialist
Contractor:	Taher Brothers Ltd.- M.A Enterprise (JV)		
Contractor's contact:	Mr. Jibon kr. Halder Contact Manager		
BWDB's contact:	Mr. Ahsan Habib Executive Engineer, Construction Division, Koitola, Bera, Pabna		
On-site ISPMC Consultant's contact:	Not applicable at the time of reporting		

1-B Main Contract features

Current Contract	Construction of new embankment along the right bank of Jamuna river from km. 8.50 to 12.50 = 4.00 km (Package-3) at Benotia in upazilla Shahjadpur dist. Sirajgonj. Main contract activities are site re-mobilization, Environmental Management Work, Construction of Embankment with dredged sand from river and clearance and of work sites and worker's camps.
Start of the works	February 15, 2018
End of the works	May 31, 2019 (according to contract) Revised: February, 2019

1C Persons met during this visit

	Party	Name	Position
1	BWDB/SMO	Mr. Jahangir Alam Mr. Shahinur Islam	Executive Engineer, PMO, FRERMIP Sub-Assistant Engineer /Sectional Officer
2	Contractor	Mr. Hassan Arif Mr. Jashimuddin	Environmental Inspector Safety Inspector
3	Supervising Consultant	Not applicable at the time of reporting	

Persons met during the previous visit

	Party	Name	Position
1	BWDB/SMO	Mr. Ahsan Habib Mr. Shahinur Islam	Executive Engineer, Construction Division, Koitola, Bera, Pabna, Sub-Assistant Engineer /Sectional Officer
2	Contractor	Mr. Mehdi Hassan Mr. Hassan Arif	Environmental Inspector Safety Inspector
3.	Supervising Consultant	Not applicable at the time of reporting	

1D Summary of observations

The contractor started work on 15 February 2018. The work was scheduled to be complete by 31 May 2019. It was reported that revised schedule of completion has been fixed on February 2020. Taher Brothers Ltd.-M.A Enterprise is implementing Package-W-02 and W-03. The work of Package W-02 is yet to start work during current dry season. As there is a comparatively small quantity of work remaining to complete the package, the contractor has reduced their workforce and also shifted the site office downstream on the Jamuna. Main works are the construction of 7.50 km embankment by dredged earth/sand of which 95% of the work has been completed. The contractor engaged both Environmental and Safety Inspectors who were found to have knowledge about EHS issues on the site. It was reported that no outsider labourers are working at present - only few local labourers are working at site.

Safety warning signs and signals were seen during the visit. A signal man was engaged for traffic control management. A few numbers of bins were found. Three nos. of tube wells with pucca protection platform and three no. pucca sanitary toilets with sock pits were found during visit. It was reported a nurse is available at the site any time on call. It was observed that the fuel and lubricant have been kept on a thick polyethene sheet in a tin shed enclosure.

1F. Circulation (recommended)

BWDB / PMO office – Dhaka Contractor’s contract Manager –	
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PART 2 – Monitoring Contractor’s EMP and Safety at Site Compliance

Scoring key: 4 = excellent; 3 = good; 2 = fair; 1 = poor; 0 = non-compliant

BoQ clause	Item	Score	Comment
2.2	Environmental Inspector		
	Employing one Environmental inspector.	3	The Environmental Inspector has been working in this site for more than a year. He acquired substantial knowledge about EHS issues required for environmental management
	Set of environmental standards at site.	2	The Contractor’s Contract (including the EMP) was available at site
2.1(i)	Land use		
	Topsoil removal and replacement at work sites.	2	Top soil has been stored in a separate place and the Contractor reported that they will it before leaving the site
2.1(ii)	Air		
	Spraying water on dry surfaces (roads and work sites).	3	Spraying of water for dust suppression activities was found during visit

BoQ clause	Item	Score	Comment
2.1(iv)	Pollution		
	Waste disposal at work sites.	2	Contractor reported the waste is collected in an excavated hole at a safe distance and carried away and dumped in a safe place.
	Waste disposal at worker camps.	2	A few waste bins were found in front of the kitchen.
	Preventing spills of lubricants and fuel.	2	Fuel and lubricant drums have been kept on a thick polyethene sheet under a tin shed enclosure
2.1(v) & 2.4	First aid		
	First-aid box	3	First aid box with necessary equipment is available at site
	Qualified nurse.	2	A nurse is available on call from the nearby bazar.
	Safety equipment to prevent accidents / injuries		
	Helmets & life jackets / buoys.	2	Some equipment (e.g. life jackets) are available in Contractor's office
	Traffic control signboards.	2	A safety signboard was found
	Guards / walkways / etc.		Guards are deployed at the sites.
2.3	Safety Inspector		
	Employing one Safety inspector.	3	A safety inspector has been employed and found to have substantial knowledge about health and safety issues at the site
2.1(iii)	Sanitation conditions & waste management		
	Water supply.	2	3 nos. tube well found. Tube wells were seen with protected base
	Sanitation (toilets etc).	2	3 nos. of pucca sanitary toilets with sock pit were found
	Waste management.	2	4 nos. waste bins were found

Recommendations:

1. Contractors engaged Environmental and Safety Inspectors who are found to have acquired good knowledge about EHS issues for environmental management at site. They are maintaining the site as per the contract requirement. This quality should be maintained up to the end of the work.
2. The Grievance Redress Mechanism developed by the PMO should be made aware to the contractor and supervising consultant's representatives so that it can be well functioning. It is required to take care of any complaints that may result from land acquisition activities, and therefore needs close cooperation with other ISPMC specialists for example resettlement and institutional development.
3. PMO is to adopt a system for sharing and following up on ISPMC's EMP compliance monitoring reports.
4. The contractor's employees have acquired good knowledge of EHS issues for implementing Environmental management at site- this pace should be maintained up to the end of the work.
5. For future Contractor's contracts the EMP section should be revisited and amended, based on experience gained in implementing the pilot area works.
6. Site should be cleared as per contract agreement to a sound environmental standard before the contractor leaves the site. The final bill of the contractor should be paid only after site has been appropriately cleared.

ISPMC – Dhaka; 05 January 2020

Md. Amir Faisal

National Environmental Specialist

PART 3 – Pictures taken at Koijuri Embankment (Package W-02) site during the visit



1. Meeting with PMO & Contractor's representative



2. Tube well with protected base



3. Kitchen with C.I sheet roofing and enclosure



4. Water is being spraying through machine for dust suppression



5. Storage of Fuel and lubricant



6. Cautionary signboard

FRERMIP – Monitoring of EMP Implementation

Verakhola Embankment Site

(Contact Package W-04/2016-2017)

This monitoring form includes three parts, i.e.:

PART 1: General Project information, findings and recommendations

PART 2: Monitoring Contractor's EMP and Safety at Site Compliance

PART 3: Pictures taken during the monitoring visit

This monitoring report has been prepared in accordance with Environmental Management Plans (EMP) mentioned in EIA for Tranche-1 of the ADB-financed Flood and Riverbank Erosion Risk Management Project (2014-2023), i.e. the:

- (i) EMP included as Chapter 10 in the EIA (of May 2014) as enclosed in Volume IV – 'Social Development and Safeguards' of the PPTA report for FRERMIP – this EMP distinguished three phases: Pre-Construction, Construction and Post-Construction and is meant to manage and mitigate all identified adverse impacts of the project).
- (ii) EMP as included in the Contractor's Contract, i.e. as Bill of Quantities-Bill no. 02 – 'EMP and Safety at the Site' of Chapter 6 – this EMP spells out all environmental management obligations of the Contractor on working sites and in worker's camps (the focus of PART 2).

PART 1 – General Project Information, Findings and Recommendations

1-A Location, key contacts and report

Sub-Project	JRB-1		
Location:	Verakhola	Monitoring report:	R-2 of 2019
Date of visit:	December 21, 2019	Date:	January 05, 2019
Contract:	W-04 / 2016-2017	By:	Md. Amir Faisal Environmental Specialist
Contractor:	HB-SSECL (JV)		
Contractor's contact:	Md. Sohel Sarker– Project Manager Sohel Rana- Env. Inspector Md. Rubel Rana- Safety Inspector		
BWDB's contact:	Mr. Ahsan Habib Executive Engineer, Construction Division, Koitola, Bera, Pabna,		
On-site ISPMC Consultant's contact:			

1-B Main Contract features

Current Contract	Construction of new embankment/Re-construction of Baral/Hurasagar left bank Embankment from km. 12.50 to km 17.30 = 4.80 km (Baghabari to Verakhola – D/S Reach) and construction of 1 no. 4 vent regulator (1.50 m x 1.8 m) at Verakhola in upazilla Shahjadpur dist. Sirajgonj. Main contract activities are site re-mobilization, environmental management work, construction of embankment with dredged sand from the river, construction of regulator including installation of gates and clearance of work sites and worker’s camps.
Start of the works	March 01, 2018
End of the works	May 31, 2019 Revised: February, 2020

1C Persons met during this visit

	Party	Name	Position
1	BWDB/SMO	Mr. Jahangir Alam Mr. Md. Al Amin	Executive Engineer, PMO, FRERMIP Sub-Assistant Engineer/Sectional Officer
2	Contractor	Mr. Md. Sohel Rana Mr. Md. Rubel Rana Mr. Md. Alamgir Hossain	Environmental Inspector Safety Inspector Nurse
3	Supervising Consultant	Not applicable at the time of reporting	

Persons met during the previous visit

	Party	Name	Position
1	BWDB/SMO	Mr. Ahsan Habib Mr. Md. Al Amin	Executive Engineer, Construction Division, Koitola, Bera, Pabna, Sub-Assistant Engineer/Sectional Officer
2	Contractor	Mr. Md. Zakaria Mohammad Nasim Mr. Md. Sohel Rana Mr. Md. Rubel Rana Mr. Md. Alamgir Hossain	Contact Manager Environmental Inspector Safety Inspector Nurse
3	Supervising Consultant	Not applicable at the time of reporting	

1D Summary of observations

The contractor started work on 01 March 2018. The work was scheduled to be complete by 31 May 2019. However, the work is ongoing with a revised date of completion of February 2020. Main works are construction of 4.80 km embankment by dredged earth/sand and finalizing the construction of 1 no. regulator. During the visit it was reported that 95% of the work has been completed. As only a comparatively small quantity of work remains to complete the package, the contractor has reduced their workforce to a great extent. Therefore the contractor is maintaining a tin shed room for accommodation of the few numbers of workers working at the site. The worker's camp and surrounding area is well maintained. A good looking and environmentally friendly office has been maintained by the contractor.

The contractor engaged an Environmental Inspector and a Safety Inspector to oversee the environmental and safety issues at the site who seemed to have gathered good knowledge about EHS issues. A few numbers of bins were found at different locations of the working site. Installation of safety warning signs and signals and a first aid box was seen during the visit. Two nos. of tube well with pucca protected platform and five nos. of pucca sanitary toilet with sock pit are being maintained by the contractor. A nurse was found at the site who is available any time on call. Spraying of water for dust suppression was found during the visit.

1F. Circulation (recommended)

BWDB / PMO office – Dhaka

Contractor's contract Manager – Verakhola Site

PART 2 – Monitoring Contractor's EMP and Safety at Site Compliance

Scoring key: 4 = excellent; 3 = good; 2 = fair; 1 = poor; 0 = non-compliant

BoQ clause	Item	Score	Comment
2.2	Environmental Inspector		
	Employing one Environmental inspector.	3	The Environmental Inspector has been engaged. He is gathering knowledge about the implementation of the EMP at site
	Set of environmental standards at site.	3	The Contractor's Contract (including the EMP) is available on site, the Contractor's personnel seemed they are aware of the EMP.
2.1(i)	Land use		
	Topsoil removal and replacement at work sites.	2	Top soil has been stored in a separate place and the Contractor reported that they will use it before leaving the site
2.1(ii)	Air		
	Spraying water on dry surfaces (roads and work sites).	3	Spraying of water for dust suppression activities was found during visit.

2.1(iv)	Pollution		
	Waste disposal at work sites.	2	Contractor's representative reported the waste generated at site is collected at a place and carried away and dumped in a safe place.
	Waste disposal at worker camps.	2	Waste bins were found at different locations around the site.
	Preventing spills of lubricants and fuel.	3	The lubricants and fuel drum are stored in a storage area near the working site. The lubricants and fuel are carried in a container to the machine where they are being used. It is reported that used oil and lubricants are collected in a container which is then collected and disposed of. No spills of lubricants and fuel were found during the visit.
2.1(v) & 2.4	First aid		
	First-aid box	3	First aid box with necessary equipment is available at site
	Qualified nurse.	2	A nurse was found during visit. It was reported they are available on call from the nearby bazar.
	Safety equipment to prevent accidents/ injuries		
	Helmets & life jackets / buoys.	2	Some equipment (e.g. life jackets) are available in Contractor's office
	Traffic control signboards.	2	Some signboards containing site information was seen in front of site office and safety warning signs were seen during visit. Safety enclosure was found around some ditches in the site
	Guards / walkways / etc.		Guards are deployed at the sites.
2.3	Safety Inspector		
	Employing one Safety inspector.	2	Safety inspector has been engaged.
2.1(iii)	Sanitation conditions & waste management		
	Water supply.	4	2 nos. tube wells are maintained as very few labours are working at site. Tube

			wells were both well maintained and protected.
	Sanitation (toilets etc).	3	5 nos. of pucca sanitary toilets with sock pit have been installed. One toilet is designated for women's use only
	Waste management.	2	Waste bins are available. The waste water is disposed in a pit. The overall working site appeared clean

Recommendations:

1. Contractors engaged Environmental and Safety Inspectors who are found to have acquired good knowledge about EHS issues for environmental management at site. They are maintaining the site as per the contract requirement. This quality should be maintained up to the end of the work. Also the Environmental and safety Inspector should be engaged as full-time employee.
2. The Grievance Redress Mechanism developed by the PMO should be made aware to the contractor and supervising consultant's representatives so that it can be well functioning. It is required to take care of any complaints that may result from land acquisition activities, and therefore needs close cooperation with other ISPMC specialists for example resettlement and institutional development.
3. PMO is to adopt a system for sharing and following up on ISPMC's EMP compliance monitoring reports.
4. The contractor employee have acquired good knowledge of EHS issues for implementing Environmental management at site- this pace should be maintained up to the end of the work.
5. For future Contractor's contracts the EMP section should be revisited and amended, based on experience gained in implementing the pilot area works.
6. Site should be cleared as per contract agreement/sound environmental standard before leaving the site. Final bill of the contractor should be paid after clearing the site.

ISPMC – Dhaka; 05 January 2020
Md. Amir Faisal
National Environmental Specialist

PART 3 – Pictures taken at HB-SSECL, JV (Package-04) site during the visit



1. Meeting at site with representatives of SMO, ISPMC and Contractor



2. Completed 4 vent Regulator



3. Tube well with protection



4. Safety warning signboard displayed at site



5. First aid box with required items



6. Completed Embankment with grout filled jute mattress

FRERMIP – Monitoring of EMP Implementation
Md. Moyenuddin (Bashi)-Golam Rabbani const. Ltd (JV)
(Contact Package W-05/2016-2017)

This monitoring form includes three parts, i.e.:

PART 1: General Project information, findings and recommendations

PART 2: Monitoring Contractor’s EMP and Safety at Site Compliance

PART 3: Pictures taken during the monitoring visit

This monitoring report has been prepared in accordance with Environmental Management Plans (EMP) mentioned in EIA for Tranche-1 of the ADB-financed Flood and Riverbank Erosion Risk Management Project (2014-2023), i.e. the:

- (i) EMP included as Chapter 10 in the EIA (of May 2014) as enclosed in Volume IV – ‘Social Development and Safeguards’ of the PPTA report for FRERMIP – this EMP distinguished three phases: Pre-Construction, Construction and Post-Construction and is meant to manage and mitigate all identified adverse impacts of the project).
- (ii) EMP as included in the Contractor’s Contract, i.e. as Bill of Quantities-Bill no. 02 – ‘EMP and Safety at the Site’ of Chapter 6 – this EMP spells out all environmental management obligations of the Contractor on working sites and in worker’s camps (the focus of PART 2).

PART 1 – General Project Information, Findings and Recommendations

1-A Location, key contacts and report

Sub-Project	JRB-1		
Location:	Andharmanik	Monitoring report:	R-3 of 2018
Date of visit:	December 21, 2019	Date:	January 05, 2020
Contract Package:	W-05 / 2016-2017	By:	Md. Amir Faisal Environmental Specialist
Contractor:	Md. Moyenuddin (Bashi)-Golam Rabbani const. Ltd (JV)		
Contractor’s contact:	Md. Nur-a-Alam Khan – Project Manager		
BWDB’s contact:	Mr. Ahsan Habib Executive Engineer, Construction Division, Koitola, Bera, Pabna		
On-site ISPMC Consultant’s contact:	Not applicable at the time of reporting		

1-B Main Contract features

Current Contract	Construction of new embankment/Re-construction of Baral/Hurasagar left bank Embankment from km. 17.30 to km 21.30 = 4.00 km (Baghabari to Verakhola – D/S Reach) and construction of 1 no. 4 vent regulator (1.50 m x 1.8 m) at Andermanik in upazilla Shahjadpur dist. Sirajgonj. Main contract activities are site re-mobilization, environmental management work, construction of embankment with dredged sand from river adjacent to regulator, finalizing the construction of regulator and clearance of work sites and worker’s camps.
Start of the works	February 22, 2018
End of the works	May 31, 2019 Revised February, 2020

1C Persons met during this visit

	Party	Name	Position
1	BWDB/SMO	Mr. Jahangir Alam Mr. Md. Al Amin	Executive Engineer, PMO, FRERMIP Sub-Assistant Engineer/Sectional Officer
2	Contractor	Md. Nur-a-Alam Khan Md. Rakibul Islam Md. Nasimuddin	Project Manager Environmental Inspector Safety Inspector
3	Supervising Consultant	Not applicable at the time of reporting	

Persons met during the previous visit

	Party	Name	Position
1	BWDB/SMO	Mr. Ahsan Habib Mr. Md. Al Amin	Executive Engineer, Construction Division, Koitola, Bera, Pabna, Sub-Assistant Engineer/Sectional Officer
2		Md. Nur-a-Alam Khan Md. Aminul Islam Md. Naimul Islam	Project Manager Environmental Inspector Safety Inspector
3	Supervising consultant	Md. Mainul Islam	Site Engineer-2

1D Summary of observations

The contractor started work on 01 March 2018. The work is scheduled to be complete by 31 May 2019. The work is ongoing and it was reported that the expected time of completion is now February 2020. Main work is the construction of 4.00 km embankment by dredged earth/sand and construction of 1 no. regulator. During the visit it was found that the regulator is almost complete except re-excavation of diversion channel. It was reported that as the work is soon to be complete and so the workforce has been reduced. All the labours are local and as such they do not stay at site. However, the contractor is maintaining the site office and a tin shed room for accommodation of the contractor's staff staying at the site. The surrounding area is maintained well with a demarcation enclosure.

The contractor engaged both Environmental and Safety Inspectors who have acquired substantial knowledge about EHS issues for implementation of EMP at site. A few numbers of bins were found at different locations of the working site. Installation of safety warning signs and signals and a first aid box was seen during the visit. Three nos. of tube well without pucca protection platform and four nos. of sanitary toilets with sock pits were found during the visit. A separate toilet is assigned only for women's use. A nurse was found on duty at the site who is available any time on call. It was noticed that the fuel and lubricant have kept over thick polyethene sheet in tin shed enclosure. A safety demarcation has been established around the site. A signal man has been engaged for the ongoing work of the embankment for traffic management.

1F. Circulation (recommended)

BWDB / PMO office – Dhaka Contractor's contract Manager – Andermanik Site	
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PART 2 – Monitoring Contractor's EMP and Safety at Site Compliance

Scoring key: 4 = excellent; 3 = good; 2 = fair; 1 = poor; 0 = non-compliant

BoQ clause	Item	Score	Comment
2.2	Environmental Inspector		
	Employing one Environmental inspector.	3	The Environmental Inspector has been engaged and seemed to have acquired substantial knowledge about EHS issues for implementation of environmental management at the site
	Set of environmental standards at site.	2	The Contractor's Contract (including the EMP) is available at the site
2.1(i)	Land use		
	Topsoil removal and replacement at work sites.	3	Topsoil has been preserved in a separate place and is being maintained well. Instructions were given to restore this before leaving the site

2.1(ii)	Air		
	Spraying water on dry surfaces (roads and work sites).	3	Spraying of water for dust suppression activities was found during visit.
2.1(iv)	Pollution		
	Waste disposal at work sites.	2	The contractor reported the waste is collected at a place and carried away and dumped in a safe place.
	Waste disposal at worker camps.	2	Waste bins are available.
	Preventing spills of lubricants and fuel.	3	It was found that lubricants and fuel drum is stored in a store near the working site. The fuel drum was found to keep on a thick polyethene sheet in tin shed enclosure
2.1(v) & 2.4	First aid		
	First-aid box	3	First aid box with necessary equipment is available at site
	Qualified nurse.	3	A nurse was found on duty during the visit. It was reported that the nurse attends the site for three days in a week and is available on call for emergency.
	Safety equipment to prevent accidents / injuries		
	Helmets & life jackets / buoys.	2	Some equipment (e.g. life jackets) are available in Contractor's office and in the boat
	Traffic control signboards.	2	A Signboard containing site information was seen in front of site office and safety enclosure and warning signs was seen at different places at the site during visit.
	Guards / walkways / etc.		Guards are deployed at the sites.
2.3	Safety Inspector		
	Employing one Safety inspector.	3	The safety inspector has been employed and seemed to have good knowledge on health and safety issues

2.1(iii)	Sanitation conditions & waste management		
	Water supply.	4	3 nos. tube well installed. Tube wells were found to be well maintained and protected.
	Sanitation (toilets etc).	3	4 nos. of pucca sanitary toilets with sock pit was installed. 1 no toilet has been reserved for female workers
	Waste management.	2	Waste bins are available. The waste water is disposed in a pit. The overall working site appeared to be clean

Recommendations:

1. Contractors engaged Environmental and Safety Inspectors who are found to have acquired good knowledge about EHS issues for environmental management at site. They are maintaining the site as per the contract requirements. This quality should be maintained up to the end of the work.
2. The Grievance Redress Mechanism developed by the PMO should be made aware to the contractor and supervising consultant's representatives so that it can be well functioning. It is required to take care of any complaints that may result from land acquisition activities, and therefore needs close cooperation with other ISPMC specialists for example resettlement and institutional development.
3. PMO is to adopt a system for sharing and following up on ISPMC's EMP compliance monitoring reports.
4. The contractor's employees have acquired good knowledge of EHS issues for implementing Environmental management at site- this pace should be maintained up to the end of the work.
5. For future Contractor's contracts the EMP section should be revisited and amended, based on experience gained in implementing the pilot area works.
6. Site should be cleared as per contract agreement to a sound environmental standard before the contractor leaves the site. The final bill of the contractor should be paid only after site has been appropriately cleared.

ISPMC – Dhaka; 05 January 2020

Md. Amir Faisal

National Environmental Specialist

PART 3 – Pictures taken at Andermanik Embankment (Package-05) site during the visit



1. Meeting at site with representatives of SMO, ISPMC and Contractor



2. Preservation of Top soil



3. First aid box with medical equipment



4. Completed 4 vent Regulator at Andermanik



5. Tube well with pucca platform



6. First aid box with medical equipment