Government of the People's Republic of Bangladesh

Ministry of Local Government, Rural Development and Cooperatives
Local Government Division
Local Government Engineering Department (LGED)

Second Urban Governance & Infrastructure Improvement (Sector) Project (UGIIP-2)
ADB Loan No. 2462-BAN (SF)

Social and Environmental Safeguard Monitoring Report

Month: January, 2014

Prepared by:

MDS Consultants

Joint Venture of

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In association with

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Background

The Government of Bangladesh (GOB) has undertaken the Second Urban Governance and Infrastructure Improvement (Sector) Project (UGIIP-2) with financial assistance from the Asian Development Bank (ADB) (Loan No. 2462 BAN (SF) together with co-financing from KfW and GIZ to improve governance and urban service provision in 47 Municipalities.

The overall objective of the Project is the construction, rehabilitation, expansion and implementation of subprojects of essential existing infrastructure and utility facilities for the urban sector of Bangladesh; to develop a well structured augmentation/rehabilitation program and implement according to prioritization.

Under the TA project for UGIIP-II, the resettlement framework (RF) and Environmental assessment and review framework (EARF) were prepared and the same were endorsed by both the funding agencies and GoB to be adopted for implementation of the UGIIP-II project. The frameworks specified the screening procedures and the guidelines for identifying the APs, estimating the compensation and assistance to be paid for the losses, grievance redress mechanism, preparation of IEE and EIA and the institutional requirements for monitoring the implementation of social and environmental safeguard aspects of the project.

Variety of subprojects have been undertaken under UGIIP-2, potential environmental impacts of a local nature can be expected and cover a wide spectrum. Accordingly, the criteria for selection or exclusion of subprojects address concerns related to potential significant or irreversible negative environmental impacts.

Potential social and environmental impacts stem from poor or improper location, planning and design practice. Construction impacts in a local setting and within the local community can be significant, even though of short duration and limited extent.

Government of Bangladesh (GOB) law and ADB policy require that the social and environmental impacts of development projects be identified and assessed as part of the planning and design process, and that action be taken to reduce those impacts to acceptable levels. This is done through the screening/impact assessment process, which has become an integral part of all ADB lending operations, project development and implementation.

The project has been classified as environment 'Category B' by criteria in the Environment Policy[1] of the ADB and Environmental Assessment Guidelines (November 2002) as applied by the ADB Urban Development Division, South Asia Department. Category B projects are "judged to have some adverse environmental impacts, but of lesser degree and/or significance than those for category A projects." As a result "an initial environmental examination (IEE) is required to determine whether or not significant environmental impacts warranting an EIA are likely."[2]

As per DOE, GOB, most of the project under UGIIP-2 have been categorised as Orange-A and Orange-B. Water treatment plant, water distribution line laying/relaying/extension, landfill/dumping ground, and bus and truck terminal are in Red Category.

[1] ADB, Technical Assistance Report *Preparing the Second Urban Governance and Infrastructure Improvement (Sector) Project*, November 2006, Manila.

[2] Asian Development Bank, Environmental Assessment Guidelines, 2003.

DOE has issued an Environment Clearance Certificate for UGIIP-II subprojects which fall under Orange A and Orange B Categories vide letter DOE/clearance/5025/2010/375 dated 11/11/2010. Accordingly, only Red Category subprojects require the Environmental Assessment process including EIA for Environmental Clearance.

Considering all the above following steps were adopted by the MDS Consultant's team for Environmental Safeguard compliance –

1. Review of the available Environmental safeguard documents and categorisation of the project as per ADB and GOB guidelines.
2. Separate Consultation with MDS team members, PMO staffs and PIU staffs to explain the importance of the safeguards.
3. Separate Workshop on safeguard policies for all Municipal Engineers, EE and AE of all the Pourashavas under UGIIP-2
4. Screening and re-categorisation of each and every scheme with the help of REA checklist transect walk and public consultation for individual schemes during visit to individual project scheme sites.
5. Preparation of sector subproject IEE for each sector subproject for each Pourashava.
6. Preparation of TOR for conduction EIA to get environmental clearance from DOE, GOB for Red category projects.

Similarly for the social impacts, each subproject is screened to assess the likely impacts, categorised as either 'Category B' or 'Category C'[3] and depending on the requirement a short Resettlement Plan is prepared to address the negative impacts as per the approved Resettlement Framework. It has been observed in a large number of subprojects that the impacts are limited to removal of a few trees, temporary/permanent boundary walls, shifting of business activities during the construction period and the like. Subsequent to identification of the impacts through the screening exercise, socio-economic surveys of the affected persons have been conducted to address the negative impacts and the costs towards compensation as well as other assistances have been estimated in the short RP. Because of the priority need for the proposed subprojects, there have been instances where the local community have been forthcoming in voluntarily removing the structure/assets to facilitate their implementation. In such cases, written consent of the affected person(s)/ local community and the respective pourashava officials have been documented.

Land acquisition too has been required in a few subprojects, however, these have been processed through the standard land acquisition process i.e. after obtaining approval from Ministry, the PMO has disbursed the compensation amount decided by DC office for the proposals made by the Pourashava.

The Social safeguard team of UGIIP-2 comprises of Resettlement and Environment Specialists in addition to the National and the International Specialists all stationed at Dhaka. Presently the team consists of Mr. SBIM Safiq-ud-doula, Mr. ATM Saiful Munir and Abdur Rahim as Resettlement specialists and Mr. Asaduzzaman Chowdhury and Mr. P.K.Kar as national and International Resettlement specialists respectively. Environment team consists of Mr. Habibur Rahman and Haider Azam as Environment specialists. Dr. Samar Kumar Banerjee is International Environment specialist in the team.

In phase 3, the project covers 47 pourashavas. Sector wise proposals for 3rd Phase subprojects are already submitted to PMO but at present PMO is approving the additional proposals for the Pourashavas which are at various stages of finalization. The Resettlement

[3] As a policy matter Category A subproject that are likely to impact more than 200 PAPs are not to be included under UGIIP 2 Program.

Specialists & Environment specialists are in the process of preparing the SSA /IEE reports for the finalized subproject proposals.

Monitoring of the safeguard aspects is regularly carried out by the UGIIP 2 safeguard team by undertaking field visits and monthly/quarterly progress reports are being submitted to PMO.

Monitoring of Safeguards in UGIIP- 2

Monitoring of safeguards during and after project implementation is an integral part of any donor funded project. Hence UGIIP 2 adopts a safeguard monitoring process based on document review and field checks that is acceptable to donor agencies.

Monitoring of environmental safeguards

- Document review of physical progress of subprojects by
  - Pourashava
  - Sector
  - Environmental category

- Physical verification at site for
  - Adherence to EMP
  - Safety and other risks
  - Stakeholders/Community consultation

- Documentation of findings (including photographic evidence)

Monitoring of Social Safeguards

- Document review of physical progress of subprojects by
  - Pourashava
  - Sector
  - Social category and SRP

- Physical verification at site for
  - Adherence to SRP
  - Stakeholders/Community consultation
  - Grievances

- Documentation of findings (including photographic evidence of disbursements, site conditions)

Overall Status of Social Safeguards as of reporting Month

In Phase -2 of UGIIP-2, 35 municipalities were included and in Phase -3, 47 Municipalities have been included which consists of 31 municipalities of Phase-2 and 16 new municipalities. Various subprojects considered for the infrastructure improvement of municipalities are water supply, Sanitation, Solid waste management, drainage, Urban transport and communication and Municipal facilities.

Sector wise proposals for 3rd Phase subprojects are already submitted by the pourashavas to PMO but at present PMO is approving the additional proposals for the Pourashavas which are at various stages of finalization. The Resettlement Specialists are in the process of preparing the SSA /SRP reports for the finalized subproject proposals. However, the field visits to screen the subprojects are taking time due to the disturbances by frequent 'hartals'. During the reporting month, the work progress also suffered due to long Hartal and Abarodh.

Up to 31st January, 2014, the following SSA/RP reports have been submitted by the safeguard team for different subprojects.

SUMMARY STATUS OF SAFEGUARD ASSESSMENT REPORTS, UGIIP-II Phase-2 & 3 (as on January, 2014)

Sector	SSA & RP Reports Submitted		Remarks
	Phase 2	Phase 3	
Urban Transport	213	91	Reports submitted: SSA report-1 on Additional- UT (ThakurgoanKurigramPatgram, Sirajgonj, Gorashal, Shatkhria, Kustia &Narial) Eight Pourashavas. Pourashavas visited:Madhabpur,Golapganj, Sunamganj & Sreemangal.
Water Supply	10	-	
Solid Waste Management	21	-	
Drainage	55	4	
Sanitation	21	-	
Municipal Facilities	40	3	
Total	**360**	**98**	

Land Acquisition (LA)

Out of 47 Pourashavas under UGIIP-II, 14 have submitted proposal to PMO for land acquisition under solid waste management component to develop dumping place / land fill site and construction of Bus Terminal (Municipal Facilities). After reviewimg the proposls of Pourashavas PMO has forward these to Local Government Division, LGD. Subsequently, Local Government Division informed the relevant Deputy Commissioners for onsite inquiry and to give their opinion on land acquisition. After the inquiry by the Land Acquisition Office, all Pourashavas got administrative approval for land acquisition from Local Government Division The land acquisition activities of 08 PSs (Faridpur, Bhanga, Satkhira, Sreemongal, Chowmuhani, Patgram,Ghorashal) have been completed among the 14 Pourashavas.Nachole & Cox"s Bazar Pourashava got the administrative approval from local Government Division through DC office has already started all procedures for land acquisition.

Money for Land acquisition of Chowmuhami, Ghorasal, Faridpur, Bhanga, Satkhira, Sreemonga l and Patgram Pourashava have been disbursed to the respective Pourashavas and the remaining Pourashava Ghorashal has given partially payment by the PMO.Total amount is BDT 16,14,98,721.

Overall Status of Environmental Safeguards as of reporting Month

As already stated, in Phase -2 of UGIIP-2, 35 municipalities were included and in Phase -3, 47 Municipalities have been included which consists of 31 old municipalities of Phase-2 and 16 new municipalities. Various subprojects considered for the infrastructure improvement of municipalities are water supply, Sanitation, Solid waste management, drainage, urban transport and communication and Municipal facilities.

Following Environmental Safeguard documents have been prepared for UGIIP-II-

- Environmental Screening Checklist for each sector subproject
- REA Checklist for each sector subproject
- Environmental Assessment Framework for the project
- Initial Environmental Examinations (IEE) for each sector subproject for each Pourashava.
- TOR for EIA for environment clearance for red category projects in UGIIP-II

Environment specialists are in the process of preparing the IEE and EIA reports for the finalized subproject proposals. However, the field visits to screen the subprojects are taking time due to the disturbances by frequent 'hartals'. During the reporting month, the work progress also suffered due to long Hartal and Abarodh.

Up to 31st January, 2014, the following IEE reports have been submitted by the safeguard team for different subprojects. In addition to these 5 EIA reports have been submitted to Department of Environment (DOE), Government of Bangladesh (GOB) for Environment clearance of the subprojects as per Environment Conservation Rule 1997, GOB.

SUMMARY STATUS OF SAFEGUARD ASSESSMENT REPORTS, UGIIP-II Phase-2 & 3 (as on January, 2014)

Sector	IEE Submitted		EIA Submitted		Remarks
	Phase II	Phase III	Phase II	Phase III	
Urban Transport	213	82	-	-	Reports submitted:
Water Supply	10	-	4	-	
Solid Waste Management	21	-	-	-	
Drainage	55	4	-	-	Pourashavas visited:Madhabpur,Golapganj, Sunamganj & Sreemangal.
Sanitation	21	-	-	-	
Municipal Facilities	40	3	-	1	
Total	**360**	**89**	**4**	**1**	

Environmental Baseline Surveys

For Environent clearanc of the proposed busreminal at Bhanga and Patgram pourashava base line environmental suvey was conducted in both the pourashav as per TOR issued by the DOE , Government of Bangladesh. The surveys took a long time for completion as movement of the equipments and the survey team was hampered due to the prolonged 'hartals'.

The analysis of the survey findings and preparation of the EIA reports have been prepaed.

Field Visit Report
Place of Visit – Madhabpur, Sreemangal, Golapganj&Sunamganj
Date of Visit – 20th to 22nd January 2014

Madhabpur Pourashava

Visited Madhabpur on 20th January 2014. Had initial meetings with the Mayor and other pourashava officials. The pourashava officials were appraised on the objective of the visit especially the need for screening of proposed projects, monitoring of the safeguard aspect at various stages of the project i.e. during design, construction and operation. Subsequently the team visited the UT sector schemes proposed under additional packages for the pourashava and some construction sites. The following issues came to the notice of the safeguard team that were brought to the knowledge of the Pourashava officials who accompanied the safeguard team to the field visit for close monitoring.

Specific Issues:

Name of Subproject: Construction of Bituminous carpeting road from Highway to Purbo Madhabpur Madrasa road. (Ch.0+00-1+290m)

The road is on a relatively high embankment and has a number of water bodies on both sides. The existing road has a CC pavement severely damaged at many locations primarily due to plying of tractors/lorries carrying construction materials. The protection works provided earlier near the water bodies were also damaged. The work progress has been relatively slow compared to other subprojects in the pourashava due to the erection of the protection works near the water bodies that has been taken up first by the contractor. None of the workers were using protection equipments for safety nor there was provision of first aid at the construction site. The fallen trees for the construction work were also not properly disposed off. Pourashava officials were informed to instruct the contractor for adhering to the safety norms and proper disposal of the trees cut.

Name of Subproject: Construction of RCC road from Highway near SEMCO CNG to Nathpara Road (Ch 0+00 to 0+430m)

The road is narrow at some stretches especially near a private pond around Ch 0+225 m. Around Ch 0+050m there is a sharp curve with pond on one side and low lying area on the other. Consultations revealed that the road is a basic requirement for the local community as it faces problems during the monsoon period and emergencies. The community also expressed their full cooperation for providing the necessary cooperation including voluntarily providing the required land at critical stretches for construction of the road. The local demand for the road being such a priority, pourashava officials were advised to obtain written documents from the owners of the pond for voluntary donation of the required land for the road and from the owner of the land near the sharp curve to smoothen it.

Consultations at Madhabpur

Consultation with Pourashava Official

Consultation at Purbo Madhabpur

Consultation near Roypara

Consultation near Nathpara Road

Consultation near SEMCO CNG

Consultation near Shyamoli Main Road

Consultation at South Road of New Cattle Market

Consultation at Ganganagar Main Road

Monitoring During Construction

Construction of Bituminous Carpeting road from Highway to Purbo Madhabpur Madrasa Road (Ch 0+00 to 1+290m)

Construction of new palasidings

Rehabilitation of old palasidings

Workers without safety equipments

Poor disposal of trees removed for constructing palasidings

Sreemangal Porashava

The pourashava has undertaken the work of Construction of Mohsin Miah Auditorium cum Community Centre that has ten components viz. (a) Civil works, b) Electrical works, c) Sanitary & plumbing works, d) Acoustic system, e) Fire protection works, f) Furniture works (chair), g) Stage sound system works, h) Stage light system works, i) Stage curtain works, and j) Stage equipment system works. Safeguard team visited the work site on 21st January 2014 and observed the following:

- Children below 18 years working in breaking of bricks (considered a hazardous work for children)for the construction works
- Workers are not using any protection equipment (PPE) although the works being undertaken involved dismantling of old concrete slabs, exposing steel rod ends for wielding and rod binding works, digging earth at ground level while the dismantling works are ongoing just above etc.
- No provision of first aid etc. at the construction area
- Makeshift construction camp without proper lighting, sanitation segregation of storage, fuel etc.
- Makeshift kitchen without proper hygienic condition and using fuel wood

The accompanying pourashava officials and contractor personnel were apprised of the above conditions some of which are serious to attract direct penal action and were advised to immediately take corrective steps.

Besides the auditorium work, the pourashava has proposed a new road work namely PDP-7: b) Widening of Shaplabag main road (Ch-0+00 to Ch-0+218) in addition to two other road works that were proposed in earlier phases but could not be taken up. Safeguard team carried out consultation at the proposed project sites.

Sreemangal Pourashava

Labour working at Auditorium Site without PPEs

Child Labour engaged in breaking of brinks

Consultation with workers at the auditorium site

Labour living area and storage of fuel, generator set, pipes, other construction equipments within the camp site

Makeshift Kitchen using fuel wood

Non adherence to safety norms at the construction site

Guho Road – Sreemangal

Before Construction

During Construction

After Construction

Golapganj Pourashava

Visited Golapganj Pourashava on 21st January 2014.

Safeguard team visited the ongoing side drain construction works at the road from Kadamtali Jam-e-Mosque to Ghosgoun Madrasha road. Ch.0+00-1+00m.The following were observed:

- Outfall of the drain is on the agriculture field. It is not clear whether the land owner of the agriculture field has been consulted about the outfall
- Workers not using protective equipments.
- Weep holes provided are quite apart and are already choked even before the drain is in operation

Drain works proposed under the subproject PDP-58,64:(DR) e) (i) Construction of Brick masonary drain by the side of Ghugarkul Paschim Para road Ghugarkul Majpara Mosque to house of Zehad at Ch.0+00 - 0+430m, (ii) construction of Brick masonary drain Ch.0+00-0+100m at Gugarkul Paschim para road (near Mosque) were screened and it was observed that the proposed drain would need additional measures at some locations. The subproject has been proposed primarily to drain off the rain water from the hill side (the project area has small hills called '*Tila*' locally) and would carry loose soil from the hills. The drain should be wider with proper protection measures at the bends to reduce scouring.

GOLAPGANJ POURASHAVA

Consultation at Golapganj Pourashava

Consultation at Ghosgoun Madrasha Road

Ongoing construction of drain at Ghosgoun Madrasha Road (Non use of PPEs by Workers)

Consultation at Surma Dyke Road

Sunamganj Pourashava

Visited Sunamganj Pourashava on 22nd January 2014.

Safeguard team visited the ongoing works at the following sites:

- PDP-2: Extension of River Boat Landing (River view) at Balurmat Ghat.
- PDP-21(a): Development of Hospital Road (starting from Bihari point to Zilla Krira Sangstha (Ch.0+00 to 0+700) including Footpath
- Development of road from R&H road to Zilla Krira Sangstha via Jamaipara (Ch.0+00 to 0+604) including163.4m brick guide wall.
- Construction of Drain from Book point to Zilla Krira Sangstha (Ch 0+00-0+330)m
- Construction of Primary Drain starting from Public Library to Lt. Col. Elahi Monjur Road. (Ch 0+00- 0+385)m

Some good practices followed during the construction and in the design were noticed as under:

- Use of boots by the construction workers
- Availability of first aid at the construction site
- Boards warning public on the ongoing construction
- Shifting of electric poles to the edge of the road
- Road widened without disturbing boundary wall of religious institutions and construction of municipal market at vacated places
- Voluntary shifting of structures

SUNAMGANJ POURASABH

Meeting with Pourashava Officials.

Sight of New Kitchen Market.

Ongoing road widening near ZKS.

Consultation at the temporary market.

Ongoing Works -Extension of River Boat Landing (River view)

Ongoing Work: Footpath –Hospital Road.

OBSERVATION OF GOOD PRACTICES

Use of boots by construction workers

First Aid Box at Construction Site

Warning Signboard for ongoing Constructions

OBSERVATION OF GOOD PRACTICES

Reconstructed Boundary Wall of Zilla Krira Sangstha

Electric Poles shifted to edge of the road

Road widened without disturbing boundary wall of religious institutions and construction of municipal market at vacated places