

Roads and Highways Department (RHD)

Preparatory Survey for Dhaka-Chaittagong Highway (NH-1) Bridge Construction and Rehabilitation Project

Kanchpur, Meghna and Gumti Bridges

Consultation meeting for disclosure of RAP and EIA policy to the affected people and other stakeholders

Date: 01.09.2012 at 2.30 pm

Venue: Kanchpur Bridge (Chittagong end) Senpara, Sonargaon, Narayanganj

A stakeholder meeting (Third Stage) was held on disclosure of the RAP and EIA policy of the project on September 01, 2012 at 2.30 pm at Kanchpur bridge Chittagong end (under abutment), Senpara, Sonargaon, Narayanganj. The Meeting was presided over by Mr. Md. Golam Mostofa, Sub-divisional Engineer, Bridge Maintenance Division, RHD. Furthermore, Mr. Farid Uddin Ahmed, Sub-divisional Engineer, Narayanganj Road Division, RHD, Toshiyuki Konno, Japanese Environmental Specialist of the JICA Study Team, Md. Nahid Muniruddin, Natural Environmental Engineer (Local), Kh. Khairul Matin Social Environmental Engineer (Local) JICA Study Team and 72 local people (male 32 and female 40) were present in the meeting (list of the participants attached in Appendix-A).

In the consultation meeting, policies of the RAP and EIA (mitigation measures of the project impacts) were disclosed to the affected people using flip chart. On August 01, 2012, these policies were disclosed, but due to JICA requirements and some changes in the policy, disclosure of the policy requires again. The affected people were informed about the meeting through publishing in the national daily newspaper (Both Bengali and English daily), personal contact, announcement in the mosque, etc. The disclosed issues in the meeting were project components and alignment, cut off-date declared during the survey (16 March 2012), Methodologies adopted during survey, findings of the survey, entitlement matrix as prescribed in the RAP, Grievance redress mechanism, compensation payment procedure, relocation requirements & options, timeline of relocation after payment of compensation, etc. The findings of the environmental survey and proposed mitigation measures of any adverse impacts were also disclosed in the meeting.

The president of the consultation meeting welcomed all participants in the discussion session and described the project including the different components. It was disclosed that the Japan International Cooperation Agency (JICA) will finance the project.

The following issues were disclosed in the meeting

1. The new bridge will be constructed parallel to the existing bridge within 30 meter to the downstream.
2. No new land acquisition will be required for any components of this project. All of the project activities will be done in RHD land.
3. Cut-off date of the census survey was 16 March, 2012.
4. Methodologies of the survey such as census and socioeconomic survey, inventory of affected assets, video filming and sketch mapping of all affected structures and other properties
5. Findings of the survey and impact of the project
6. Compensation package as prescribed in the RAP was also disclosed in the meeting as follows:
 1. Replacement value of the affected structures, trees and other assets
 2. Transfer grants and re-installation grants for structure
 3. Grants for alternative housing
 4. Grants for loss of business
 5. Moving assistance for tenants businessmen
 6. Grants for vulnerable households
 7. Grants for female headed households
 8. Grants for wage earners
 9. RHD employees will be eligible for compensation and other assistances for the structures erected by themselves
 10. Training on income generating activities for eligible members of vulnerable HHs
 11. Owners will be allowed to take all salvaged materials free of cost
 12. Eligible affected persons will be preferentially employed in civil construction
13. Grievance redress mechanism and right to submit grievances to the Grievance Redress Committee
14. Compensation payment procedure and role of PAPs, IA and RHD in making payment



Disclosure meeting at Kanchpur Bridge location

Regarding Environmental impacts and mitigation measures, the Environmental Specialist explained that about 27 major environmental and social concerns have identified in this project and accordingly mitigation measures have been proposed. It was discussed that the impacts are broadly classified into following 4 categories that will be faced during preconstruction, construction and operation stages of the project:

1. Social Environment
2. Natural Environment
3. Ecological Environment
4. Environmental Pollution

The Social Specialist has explained impacts on social environment. The Environmental Specialist explained the impacts on the following natural and ecological environment and environmental pollution and mitigation measures.

Environmental Impact/Issue Mitigation Measures

1.	Cultural Heritage	No mitigation measures are required
2.	Accident	<ol style="list-style-type: none"> 1. Follow BRTA rules and Regulations 2. Preparation of Health and Safety Management Plan (HSMP) including prevention of traffic accidents
1.	River Erosion and Siltation	1. Construction of sheet pile steel pipe foundation to encounter scouring
2.	River Transport	<ol style="list-style-type: none"> 1. Follow BIWTA navigation rules and regulations 2. River Traffic control and ensure lighting device
3.	Hydrology	Not required
1.	Biota and ecosystem	<ol style="list-style-type: none"> 1. Prohibit leaking of oils from construction vessels including of emergency removal system of leaked oils 2. Plantation of 3 times of trees to be cut; Tree planting will be carried out through the RHD Tree-planting Unit, in conformity with their existing guidelines
3.	Global Warming	1. No mitigation measures are required
2.	Air Pollution	3. Implement dust suppress plan and routine mitigation measure shall be taken to emitting equipments during construction
4.	Surface and Ground Water Pollution	<ol style="list-style-type: none"> 5. Increase retention time of the outflow hydraulic fills to increase sedimentation, thus, reduce sediment load to the river 6. Removal of Arsenic from newly constructed Wells
1.	Soil pollution	1. Oil storage shall be with concrete floor and oil fence
2.	Waste	<ol style="list-style-type: none"> 1. Contractor will be required to facilitate proper reuse and disposal plan, and manage the construction waste 2. Dumping of waste at approved dumping sites
3.	Noise and Vibrations	<ol style="list-style-type: none"> 4. Enforce noise emission standards 5. Regulate the construction process 6. Install barrier if required
7.	Ground Subsidence	1. No action required
2.	Offensive Odor	Proper treatment of camp waste and proper maintenance of heavy equipment etc
1.	Bottom sediment	Treatment of liquid waste before discharged
2.	Landscape	Vegetation of the slope surface of embankment

After disclosing the policy of the RAP and EIA the participants were requested to put comments or question on the project policy. The affected people raised some questions about the policy and impact mitigation measures. All of the questions were on resettlement and compensation issues. There were no questions raised on the environmental issues

Details of the questions and answers are presented below-

Category of Speakers Occupation (Male/Female)	Comment/Question	Answer and Policy of Countermeasure
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Confidential

Confidential

The opinion of the participants were sought on the policy so far described in the meeting and requested to put comments on it if there is any confusion or suggestion on it. They raised their voices in favour of the policy and expressed satisfaction on the policy. They requested to implement the policy as it was disclosed

It was ensured that the RAP will be implemented in proper way and hopefully implementation of the RAP will help the APs to uphold their standard of living. There were no issues to discuss more and the meeting was closed with a vote of thanks from the Chair.

Appendix-A: Attendance Sheet

**Preparatory Survey for Dhaka-Chittagong National Highway (NH-1) Bridge
Construction and Rehabilitation Project Kanchpur, Meghna and Gumti Bridge
Attendance Sheet**

Time:02.30 pm

Date:01-09-2012

Meeting Place: Kanchpur Bridge

Union:

Thana: Sonargong

Confidential



Confidential

Confidential

Preparatory Survey for Dhaka-Chittagong National Highway
(N-1) Bridge Construction and Rehabilitation Project
Kanchpur, Meghna and Gomti Bridge
Attendance Sheet

সময় : ২.৩০ pm

সভার স্থান : কাঁচপুর

ইউনিয়ন/ওয়ার্ড :

তারিখ : ০১.০৭.১২

পাতা : ৩

Confidential

Preparatory Survey for Dhaka-Chittagong National Highway
(N-1) Bridge Construction and Rehabilitation Project
Kanchpur, Meghna and Gomti Bridge
Attendance Sheet

সময় : ২:৩০ pm
সভার স্থান : ৩০৬২০

ইউনিটন/ওয়ার্ডঃ

তারিখ : ০১-০৯-২০১২

থানা : (Sylhet) ১০১

Confidential

Preparatory Survey for Dhaka-Chittagong National Highway
(N-1) Bridge Construction and Rehabilitation Project
Kanchpur, Meghna and Gomti Bridge
Attendance Sheet

সময় : ২.৩০ pm

সভার স্থান : ২৪৬৪৩

ইউনিয়ন/ওয়ার্ড:

তারিখ : ০১-০৯-০১২

থানা : (১১১১১১১)

Confidential

Preparatory Survey for Dhaka-Chittagong National Highway
(N-1) Bridge Construction and Rehabilitation Project
Kanchpur, Meghna and Gomti Bridge
Attendance Sheet

সময় : ২:৩০ pm

তারিখ : 11-09-2012

সভার স্থান : *১৬/৮/১৩*

ইউনিয়ন/ওয়ার্ড:

থানা : *১৬/৮/১৩*

Confidential

Roads and Highways Department (RHD)

Preparatory Survey for Dhaka-Chaittagong Highway (NH-1) Bridge Construction and Rehabilitation Project

Kanchpur, Meghna and Gomti Bridges

Consultation meeting for disclosure of RAP and EIA policy to the affected people and other stakeholders

Date: 01.09.2012 at 12.00 pm

Venue: Meghna Bridge (Chittagong end)
Baluakandi, Gozaria, Munshiganj

A stakeholder meeting (Third Stage) was held on disclosure of the RAP and EIA policy of the project on September 01, 2012 at 12.00 noon at Meghna Tetuitola Bazar (Chittagong end) Baliakandi, Gozaria, Munshiganj. The Meeting was presided over by Mr. Farid Uddin Ahmed, Sub-divisional Engineer, Narayanganj Road Division, RHD. Furthermore, Mr. Md. Golam Mostofa, Sub-divisional Engineer, Bridge Maintenance Division, RHD, Toshiyuki Konno, Japanese Environmental Specialist of the JICA Study Team, Md. Nahid Muniruddin, Natural Environmental Engineer (Local), Kh. Khairul Matin Social Environmental Engineer (Local) JICA Study Team and 79 local people (male 18 and female 61) were present in the meeting (list of the participants attached in Appendix-A).

In the consultation meeting, policies of the RAP and EIA (mitigation measures of the project impacts) were disclosed to the affected people using flip chart. On August 01, 2012, these policies were disclosed, but due to JICA requirements and some changes in the policy, they requires disclosing again. The affected people were informed about the meeting through publishing in the national daily newspaper (Both Bengali and English daily), personal contact, announcement in the mosque, etc. The disclosed issues in the meeting were project components and alignment, cut off-date declared during the survey (16 March 2012), Methodologies adopted during survey, findings of the survey, entitlement matrix as prescribed in the RAP, Grievance redress mechanism, compensation payment procedure, relocation requirements & options, timeline of relocation after payment of compensation, etc. The findings of the environmental survey and proposed mitigation measures of any adverse impacts were also disclosed in the meeting.

The president of the consultation meeting welcomed all participants in the discussion session and described the project including the different components. It was disclosed that the Japan International Cooperation Agency (JICA) will finance the project.

The following issues were disclosed in the meeting

1. The new bridge will be constructed parallel to the existing bridge within 30 meter to the upstream.
2. No new land acquisition will be required for any components of this project. All of the project activities will be done in RHD land.
3. Cut-off date of the census survey was 16 March, 2012.
4. Methodologies of the survey such as census and socioeconomic survey, inventory of affected assets, video filming and sketch mapping of all affected structures and other properties
5. Findings of the survey and impact of the project
6. Compensation package as prescribed in the RAP was also disclosed in the meeting as follows:
 1. Replacement value of the affected structures, trees and other assets
 2. Transfer grants and re-installation grants for structure
 3. Grants for alternative housing
 4. Grants for loss of business
 5. Moving assistance for tenants businessmen
 6. Grants for vulnerable households
 7. Grants for female headed households
 8. Grants for wage earners
 9. RHD employees will be eligible for compensation and other assistances for the structures erected by themselves
 10. Training on income generating activities for eligible members of vulnerable HHs
 11. Owners will be allowed to take all salvaged materials free of cost
12. Eligible affected persons will be preferentially employed in civil construction Grievance redress mechanism and right to submit grievances to the Grievance Redress Committee
13. Compensation payment procedure and role of PAPs, IA and RHD in making payment



Disclosure meeting at Meghna Bridge location

Regarding Environmental impacts and mitigation measures, the Environmental Specialist explained that about 27 major environmental and social concerns have identified in this project and accordingly mitigation measures have been proposed. It was discussed that the impacts are broadly classified into following 4 categories that will be faced during preconstruction, construction and operation stages of the project

1. Social Environment
2. Natural Environment
3. Ecological Environment
4. Environmental Pollution

The Social Specialist has explained impacts on social environment. The Environmental Specialist explained the impacts on natural and ecological environment and environmental pollution.

Environmental Impact/Issue	Mitigation Measures
1. Cultural Heritage	No mitigation measures are required
2. Accident	<ol style="list-style-type: none"> 1. Follow BRTA rules and Regulations 2. Preparation of Health and Safety Management Plan (HSMP) including prevention of traffic accidents
1. River Erosion and Siltation	1. Construction of sheet pile steel pipe foundation to encounter scouring
2. River Transport	<ol style="list-style-type: none"> 1. Follow BIWTA navigation rules and regulations 2. River Traffic control and ensure lighting device
3. Hydrology	Not required
1. Biota and ecosystem	<ol style="list-style-type: none"> 1. Prohibit leaking of oils from construction vessels including of emergency removal system of leaked oils 2. Plantation of 3 times of trees to be cut; Tree planting will be carried out through the RHD Tree-planting Unit, in conformity with their existing guidelines
3. Global Warming	1. No mitigation measures are required
2. Air Pollution	3. Implement dust suppress plan and routine mitigation measure shall be taken to emitting equipments during construction
4. Surface and Ground Water Pollution	<ol style="list-style-type: none"> 5. Increase retention time of the outflow hydraulic fills to increase sedimentation, thus, reduce sediment load to the river 6. Removal of Arsenic from newly constructed Wells
1. Soil pollution	1. Oil storage shall be with concrete floor and oil fence
2. Waste	<ol style="list-style-type: none"> 1. Contractor will be required to facilitate proper reuse and disposal plan, and manage the construction waste 2. Dumping of waste at approved dumping sites
3. Noise and Vibrations	<ol style="list-style-type: none"> 4. Enforce noise emission standards 5. Regulate the construction process 6. Install barrier if required
7. Ground Subsidence	1. No action required
2. Offensive Odor	3. Proper treatment of camp waste and proper maintenance of heavy equipment etc
1. Bottom sediment	2. Treatment of liquid waste before discharged
3. Landscape	4. Vegetation of the slope surface of embankment

After disclosing of the RAP and EIA policy the participants were requested to put comments or question on the policy. The local Union

Category of Speakers Occupation (Male/Female)	Comment/Question	Answer and Policy of Countermeasure
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Confidential

Confidential

The opinion of the participants were sought on the policy so far described in the meeting and requested to put comments on it if there is any confusion or suggestion on it. They raised their voices in favour of the policy and expressed satisfaction on the policy. They requested to implement the policy as it was disclosed

It was ensured that the RAP will be implemented in proper way and hopefully implementation of the RAP will help the APs to uphold their standard of living. There were no issues to discuss more and the meeting was closed with a vote of thanks from the Chair.

Appendix-A: Attendance Sheet
Preparatory Survey for Dhaka-Chittagong National Highway (NH-1) Bridge
Construction and Rehabilitation Project Kanchpur, Meghna and Gumti Bridge

Attendance Sheet

Time: 12 pm

Date: 01/09/2012

Venue: Meghna Bridge

Union: Baliakandi

Thana: Gazaria

Confidential

Confidential

Confidential

Preparatory Survey for Dhaka-Chittagong National Highway
(N-1) Bridge Construction and Rehabilitation Project
Kanchpur, Meghna and Gomti Bridge
Attendance Sheet

সময় : ২০০ ২২.৫০

তারিখ : ০১/০৭/২০২৫

সভার স্থান : মেঘনা

ইউনিয়ন/ওয়ার্ডঃ

থানা : মেঘনা

Confidential

Preparatory Survey for Dhaka-Chittagong National Highway
(N-1) Bridge Construction and Rehabilitation Project
Kanchpur, Meghna and Gomti Bridge
Attendance Sheet

সংখ্যা : ১১১১ ১১১১
সংস্করণ : (১/১১-১১)

ইউনিয়ন/ওয়ার্ড:

তারিখ : ০১/১১/১১১১
স্থান : (১/১১-১১)

Confidential

Preparatory Survey for Dhaka-Chittagong National Highway
(N-1) Bridge Construction and Rehabilitation Project
Kanchpur, Meghna and Gomti Bridge
Attendance Sheet

সময় : দুপুর ২১টা

তারিখ : ০২/০৭/২০১১

সভার স্থান : ঢাকা

ইউনিয়ন/ওয়ার্ডঃ

খানা : ঢাকা

Confidential

Preparatory Survey for Dhaka-Chittagong National Highway
(N-1) Bridge Construction and Rehabilitation Project
Kanchpur, Meghna and Gomti Bridge
Attendance Sheet

সময় : ১০:০০-১১:৩০

তারিখ : ০৩/০৭/২০২২

সভার স্থান : (১৫/১৫)

ইউনিয়ন/ওয়ার্ড:

থানা : (১৫/১৫)

Confidential

Roads and Highways Department (RHD)

Preparatory Survey for Dhaka-Chaittagong Highway (NH-1) Bridge Construction and Rehabilitation
Project
Kanchpur, Meghna and Gomti Bridges

Consultation meeting for disclosure of RAP and EIA policy to the affected people and other
stakeholders

Date : 01.9.2012 at 10.00 am
Venue : Gumti Bridge
(Chittagong end)
Doudkandi, Comilla

A stakeholder meeting (Third Stage) was held on disclosure of the RAP and EIA policy of the project on September 01, 2012 at 10.00 noon at Gumti bridge site (Chittagong end) Daudkandi, Comilla. The Meeting was presided over by Mr. Mr. Md. Golam Mostofa, Narayan Road Division, RHD. Furthermore, Sub-divisional Engineer, Bridge Maintenance Division, RHD, Toshiyuki Konno, Japanese Environmental Specialist of the JICA Study Team, Md. Nahid Muniruddin, Natural Environmental Engineer (Local), Kh. Khairul Matin Social Environmental Engineer (Local) JICA Study Team and 56 local people (male 28 and female 28) were present in the meeting (list of the participants attached in Appendix-A).

In the consultation meeting, policies of the RAP and EIA (mitigation measures of the project impacts) were disclosed to the affected people using flip chart. On August 01, 2012, these policies were disclosed, but due to JICA requirements and some changes in the policy, disclosure of the policy requires again. The affected people were informed about the meeting through publishing in the national daily newspaper (Both Bengali and English daily), personal contact, announcement in the mosque, etc. The disclosed issues in the meeting were project components and alignment, cut off-date declared during the survey (16 March 2012), Methodologies adopted during survey, findings of the survey, entitlement matrix as prescribed in the RAP, grievance redress mechanism, compensation payment procedure, relocation requirements & options, timeline of relocation after payment of compensation, etc. The findings of the environmental survey and proposed mitigation measures of any adverse impacts were also disclosed in the meeting.

The president of the consultation meeting welcomed all participants in the discussion session and described the project including the different components. It was disclosed that the Japan International Cooperation Agency (JICA) will finance the project.

The following issues were disclosed in the meeting

- a. The new bridge will be constructed parallel to the existing bridge within 30 meter to the downstream.
- b. No new land acquisition will be required for any components of this project. All of the project activities will be done in RHD land.
- c. Cut-off date of the census survey was 16 March, 2012.

- d. Methodologies of the survey such as census and socioeconomic survey, inventory of affected assets, video filming and sketch mapping of all affected structures and other properties
- e. Findings of the survey and impact of the project
- f. Compensation package as prescribed in the RAP was also disclosed in the meeting as follows:
 - i. Replacement value of the affected structures, trees and other assets
 - ii. Transfer grants and re-installation grants for structure
 - iii. Grants for alternative housing
 - iv. Grants for loss of business
 - v. Moving assistance for tenants businessmen
 - vi. Grants for vulnerable households
 - vii. Grants for female headed households
 - viii. Grants for wage earners
 - ix. RHD employees will be eligible for compensation and other assistances for the structures erected by themselves
 - x. Training on income generating activities for eligible members of vulnerable HHs
 - xi. Owners will be allowed to take all salvaged materials free of cost
- g. Grievance redress mechanism and right to submit grievances to the Grievance Redress Committee
- h. Compensation payment procedure and role of PAPs, IA and RHD in making payment



Regarding Environmental impacts and mitigation measures, the Environmental Specialist explained that that about 27 major environmental and social concerns have identified in this project and accordingly mitigation measures have been proposed. It was discussed that the impacts are broadly classified into following 4 categories that will be faced during preconstruction, construction and operation stage:

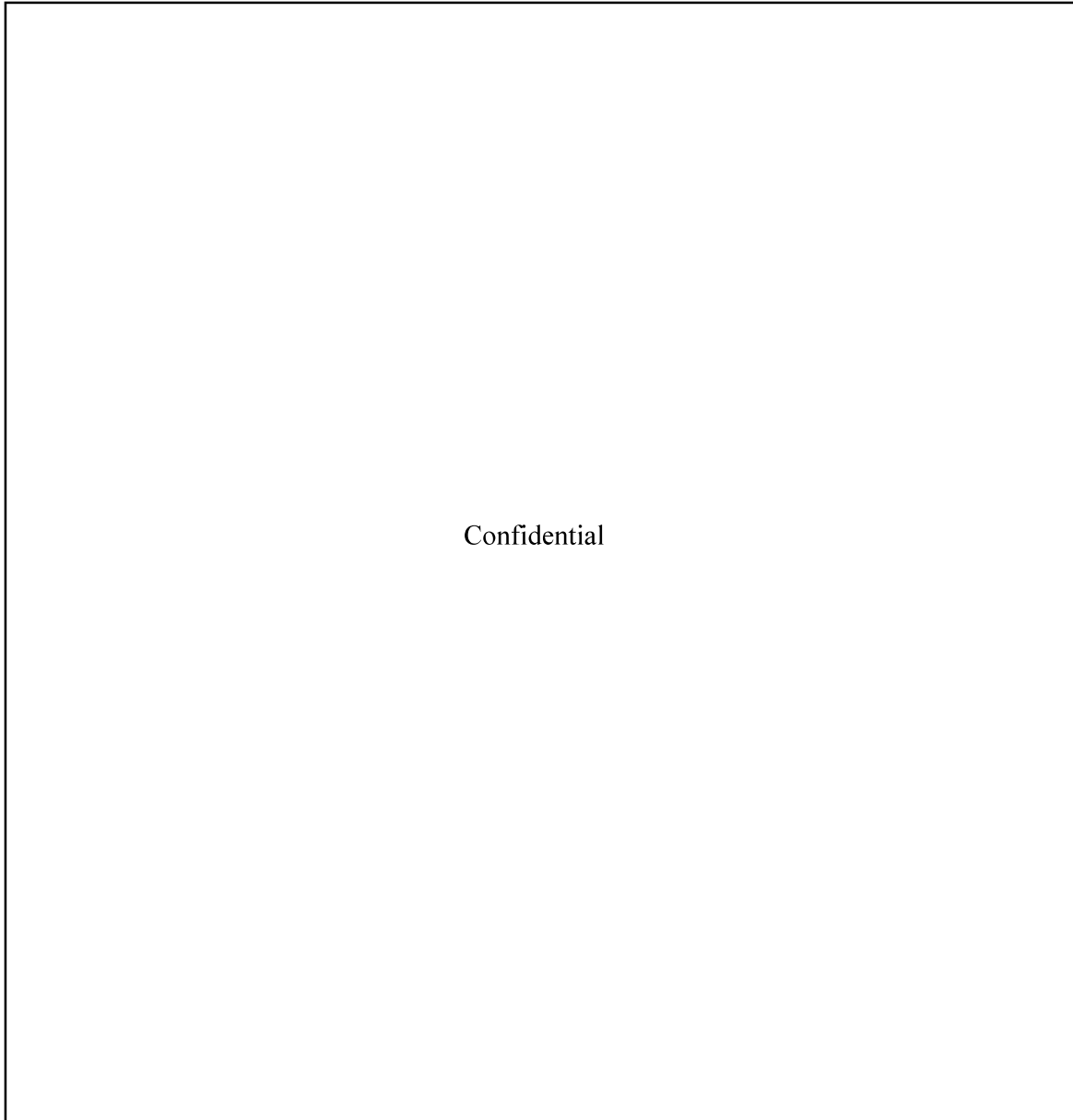
- Social Environment
- Natural Environment
- Ecological Environment
- Environmental Pollution

The Social Specialist has explained impacts on social environment. The Environmental Specialist explained the impacts on natural and ecological environment and environmental pollution.

Environmental Impact/Issue	Mitigation Measures
• Cultural Heritage	No mitigation measures are required
• Accident	<ul style="list-style-type: none"> • Follow BRTA rules and Regulations • Preparation of Health and Safety Management Plan (HSMP) including prevention of traffic accidents
• River Erosion and Siltation	• Construction of sheet pile steel pipe foundation to encounter scouring
• River Transport	<ul style="list-style-type: none"> • Follow BIWTA navigation rules and regulations • River Traffic control and ensure lighting device
• Hydrology	Not required
• Biota and ecosystem	<ul style="list-style-type: none"> • Prohibit leaking of oils from construction vessels including of emergency removal system of leaked oils • Plantation of 3 times of trees to be cut down; Tree planting will be carried out through the RHD Tree-planting Unit, in conformity with their existing guidelines
• Global Warming	• No mitigation measures are required
• Air Pollution	• Implement dust suppress plan and routine mitigation measure shall be taken to emitting equipments during construction
• Surface and Ground Water Pollution	<ul style="list-style-type: none"> • Increase retention time of the outflow hydraulic fills to increase sedimentation, thus, reduce sediment load to the river • Removal of Arsenic from newly constructed Wells
• Soil pollution	• Oil storage shall be with concrete floor and oil fence
• Waste	<ul style="list-style-type: none"> • Contractor will be required to facilitate proper reuse and disposal plan, and manage the construction waste • Dumping of waste at approved dumping sites
• Noise and Vibrations	<ul style="list-style-type: none"> • Enforce noise emission standards • Regulate the construction process • Install barrier if required
• Ground Subsidence	• No action required
• Offensive Odor	• Proper treatment of camp waste and proper maintenance of heavy equipment etc
• Bottom sediment	• Treatment of liquid waste before discharged
• Landscape	• Vegetation of the slope surface of embankment

After disclosure of the RAP and EIA policy the participants were requested to raise comments/questions on the policy. At least 3 affected people raised their voices on the compensation payment process and project facilities

The issues so far raised by the participants are presented below-



The opinion of the participants were sought on the policy so far described in the meeting and requested to put comments on it if there is any confusion or suggestion on it. They raised their

voices in favour of the policy and expressed satisfaction on the policy. They requested to implement the policy as it was disclosed

It was ensured that the RAP will be implemented in proper way and hopefully implementation of the RAP will help the APs to uphold their standard of living. There were no issues to discuss more and the meeting was closed with a vote of thanks from the Chair.

Appendix-A: Attendance Sheet

**Preparatory Survey for Dhaka-Chittagong National Highway (NH-1) Bridge Construction
and Rehabilitation Project Kanchpur, Meghna and Gumti Bridge
Attendance Sheet**

Time 10 am

Date: 01/09/2012

Venue: Gumti Bridge, Chittagong end
(under abutment)

Thana: Daudkandi

Confidential

Confidential

Confidential

A-117

Confidential

Preparatory Survey for Dhaka-Chittagong National Highway
(N-1) Bridge Construction and Rehabilitation Project
Kanchpur, Meghna and Gomti Bridge
Attendance Sheet

নম্বর : ১২০৪

তারিখ : ১০/০১/২০১৪

সভার স্থান : ঢাকা

ইউনিয়ন/ওয়ার্ড :

থানা : ১২০৪

Confidential	
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Preparatory Survey for Dhaka-Chittagong National Highway
(N-1) Bridge Construction and Rehabilitation Project
Kanchpur, Meghna and Gomti Bridge
Attendance Sheet

সময় : ২০৮০

সভার স্থান : *গোমতি*

ইউনিয়ন/ওয়ার্ড:

তারিখ : ০৩/০৭/২০৮২

থানা : *গোমতি*

Confidential

Preparatory Survey for Dhaka-Chittagong National Highway
(N-1) Bridge Construction and Rehabilitation Project
Kanchpur, Meghna and Gomti Bridge
Attendance Sheet

সময় : ১১:৩০ ২০১৮
সভার স্থান : [Signature]

ইউনিয়ন/ওয়ার্ডঃ

তারিখ : ০৮/০৭/২০১৮
খানা : [Signature]

Confidential

ATTACHMENT : TOR for SOCIAL CONSIDERATION

This is attached as TOR for RAP Preparation for the study team and is only reference for DOE.

Although all the land for project area has been already acquired by RHD and no compensation for land is required, there many occupants residing within the project area and large scale of involuntary resettlement is predicted. Therefore based on JICA Guidelines, preparation of Resettlement Action Plan (RAP) is required. RAP shall include contents as are mentioned in Annex A Resettlement Plan of World Bank Safeguard Policy OP4.12 and they are as sections as below. In the preparation of RAP, also referred is “Involuntary Resettlement Sourcebook Planning and Implementation in Developing Projects”. To get advises from JICA Advisory Committee on each time at preparation of Resettlement Policy and RAP respectively, support is required. Results shall be submitted of socioeconomic survey (census, assent inventory, livelihood and life levels interviews), replacement cost survey, survey for the needs of livelihood restoration program , etc All these results shall be submitted to JICA.

Section 1. Analysis of legal framework for resettlement

- To analyze gaps between Bangladesh Laws about resettlement and JICA Guidelines, and propose the necessary measures to fulfill these gaps if any. Among all, gaps about entitlements for compensation and assistance for livelihood restoration, estimation process of compensation amount, time for that payment, livelihood restoration program, and grievance redressing mechanism are always compared.

Section 2. Description of the necessity of resettlement

- To describe project outline, project area and components which involve involuntary resettlement activity. Also to describe several alternatives, at initial design stage, for the purpose to avoid/minimize the land acquisition and involuntary resettlement

Section 3. Socioeconomic survey (census, assets inventory, livelihood and life level survey, etc)

- Census is implemented to all the project land occupants (Directly Affected Households: DAHs) to count numbers to entitled (land owner, tenant, business person, shop employee, illegal occupants included). It is noted encroachers after Cut-Off-Day are not entitled for any compensation or livelihood assistances at all. When relocation site is provided, the host community shall be consulted as well.
- Assets inventory shall be made for all of the physical and economical properties of DAHs. They shall be itemizes and quantified. Asset inventory shall be made together with census as much possible.
- Survey for livelihood and life level is implemented to 20%, in the minimum, of the total number of DAHs, and clarified are general characteristics of DAHs, baseline data about livelihood and life level, information about socially vulnerable groups such as people below poverty line, landless, aged, female, children, indigenous people, ethnic minorities and those who are not covered by the law.

Section 4. Compensation for lost assets and planning of livelihood restoration

- Establish the policy of entitlement for land owner, tenant, business person, shop employee, illegal occupant
- For the DAHs whose livelihood are land-base, provision of alternative land with equivalent

location and equivalent productivity is preferred to monetary compensation. In case sufficient land is not available, the evidence of lack of adequate land shall be indicated.

- Described are procedure of perfectly replacement cost compensation payment as specified in OP4.12 and its responsible agencies. For the examination of compensation procedure, replacement cost survey shall be properly implemented for the cost estimation of assets of entitled households and presence of legal gaps between Bangladesh Laws and JICA Guidelines shall be confirmed. If gaps are noted, additional compensation procedure shall be required to fulfill the gap and its responsible agency shall be studied. For DAHs who physically move to other location, transportation fee shall be provided.
- Livelihood restoration program shall be proposed for the purpose to restore, in the minimum, or to improve the livelihood compared to the before project. This program includes provision of compensation for lost assets, priority employment, salary compensation, loan, job training etc. This program shall be, of course, technically and feasibly applicable and will be determined after the consultation with entitled households.

Section 5. Preparation of program for relocation site setting up

- Potentially superior relocation site as productivity and feasibility shall be chosen compared to the land to be lost. In the proposed relocation site, planned are program of preparation of housing, infrastructures (tap water and sub-divisional roads, etc) and social services (school, medical care, etc). In addition, EIA/IEE, environmental mitigation measures planning and EMP shall be prepared as required.

Section 6. Examination of grievance redressing procedure

- Study is required for the determination whether to utilize the present system or to propose a new system based on views of easiness, accessibility and reliability. It is required to describe the mandate of responsible agency, members, file application procedure, recommendation preparation process, time limits and information dissemination process, etc.

Section 7. Evaluation of implementation agency

- Identify responsible agencies (Implementing agency, local governments, consultants, NGO, etc) and describe mandate of each agency (organization's responsibility and its detailed chart, each section's role, staff's duty and qualification, cost including personnel expenses).
- Evaluate capacities of implementing agencies responsible and, if found to be necessary, capacity building is proposed

Section 8. Evaluation of implementing schedule

- Time to start relocation shall be after 1) provision of compensate and assistances necessary for relocation including transportation allowance and 2) preparation of infrastructures and social services (medical care, education, etc) have been completed at the relocation site.

Section 9. Cost and resources of budget

- Cost for compensation, preparation of relocation site, livelihood restoration, administrative activities, etc that are necessary for resettlement shall be itemized and estimated and the expenditure schedule shall be prepared. Compensation amount is determined by the assets inventory of respective entitled household, based on the rare obtained from replacement cost

Annex 8 TOR for Social Survey

survey of typical land type and properties. To secure the additionally necessary cost as is not covered by Bangladesh Law, budget source shall be studied.

Section 10. Monitoring and post project evaluation

- To study the system of internal monitoring by implementing agency and to prepare monitoring form required. In the monitoring form, indices for input and output are proposed.
- To study the system of external monitoring by the independent agency and propose the form for public disclosure.
- To confirm if the resettlement activities are proceeded as per scheduled and prepare data for public disclosure.

Section 9. To secure involvement of affected people

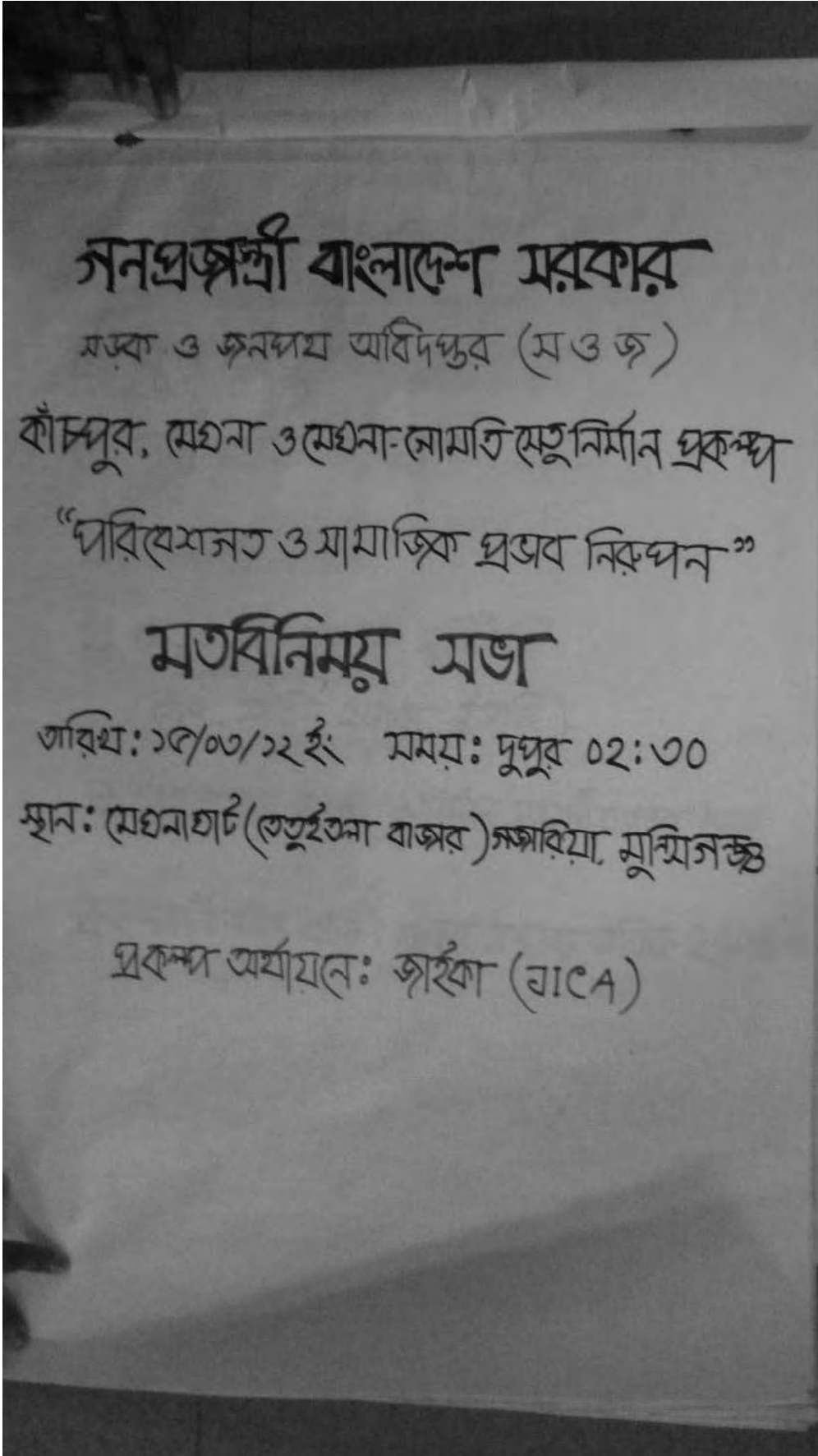
- The strategy shall be planned to secure the involvement of affected people from the preparation stage of RAP and its implementation stage, especially for the purpose to protect the vulnerable and indigenous people. In the strategy following shall be included:
 - Public discussion for alternatives of earlier design stage
 - Explanation of project outlines to affected households through door to door interview for socioeconomic survey
 - Discussion with key stakeholders
 - Focus group discussion with vulnerable group
 - Discussion about RAP with affected people
 - Delivery of leaflet of RAP
 - To secure the attendance of DAHs at the meeting
 - Monitoring
- It is required to assist the meetings for explanation to affected people and discussion with affected residents. Minutes of meetings shall be prepared, describing opinions raised and their responses, which were incorporated to RAP.

At the survey of study area and affected people, identification of accurate gender profile is required and necessity of special compensation/assistance shall be studied so that females are not treated unfairly.

Table of Content for RAP Report covering World Bank OP 4.12

- Executive Summary
- Main Text
 1. Project Description
 2. Potential Impacts
 - Project component or activities that give rise to resettlement
 - Impact zone
 - Alternatives to minimize resettlement including zero option
 - Mechanism to minimize resettlement impact during implementation
 3. Objectives of Resettlement Program

4. Socioeconomic Studies
 - Perception about the project
 - Social conditions
 - Economic conditions
 - Education/Culture
 - Security
5. Legal Framework
 - Land Law
 - Compensation Policy
6. Institutional Framework
 - Agencies related to resettlement
7. Eligibility
 - Titled
 - No-titled
8. Valuation and Compensation for Losses
 - Market Price Survey
 - Asset Inventory Survey
 - Negotiation and contract
 - Payment
9. Compensation Matrix
 - Resettlement Site Preparation
 - Selection of Site
 - Provision of Housing and Infrastructures
 - Integration with Host population
10. Environmental Protection and Management
11. Community Participation
 - Stakeholders Meeting
 - Focus Group Discussion
12. Grievance Procedures
13. Organizational Responsibilities
14. Implementation Schedule
15. Cost and Budget
16. Monitoring and Evaluation



প্ৰকল্পৰ বৰ্ণনা:

- মূল মেতু
- নৰ্দা শামন ব্যৱস্থা
- মংযোজ মড়ক
- মেতুৰ দুই ছাত্ৰেৰে সুবিধাদি
(টেল, মাৰ্জিম এলাকা ইত্যাদি)
- প্ৰকল্পৰ কাৰ্য্য ও নিৰ্মান মাৰ্গসূচীৰ স্থান

প্ৰকল্প (নিৰ্মান কাজ) শুরুৰ মন্বাৰ্য্য অধিষ্টি- ২০১৪

প্রকল্প এলাকা

কাঁচপুর ব্রজি -

জেলা - নারায়ন নক্স

উদজেলা - নারায়ন নক্স মদর ও মোনার নাঁও

ইউনিয়ন - মিন্দির নক্স, কাঁচপুর

মেঘনা ব্রজি -

জেলা - নারায়ন নক্স, মুর্শানক্স

উদজেলা - মোনার নাঁও, সজারিয়া

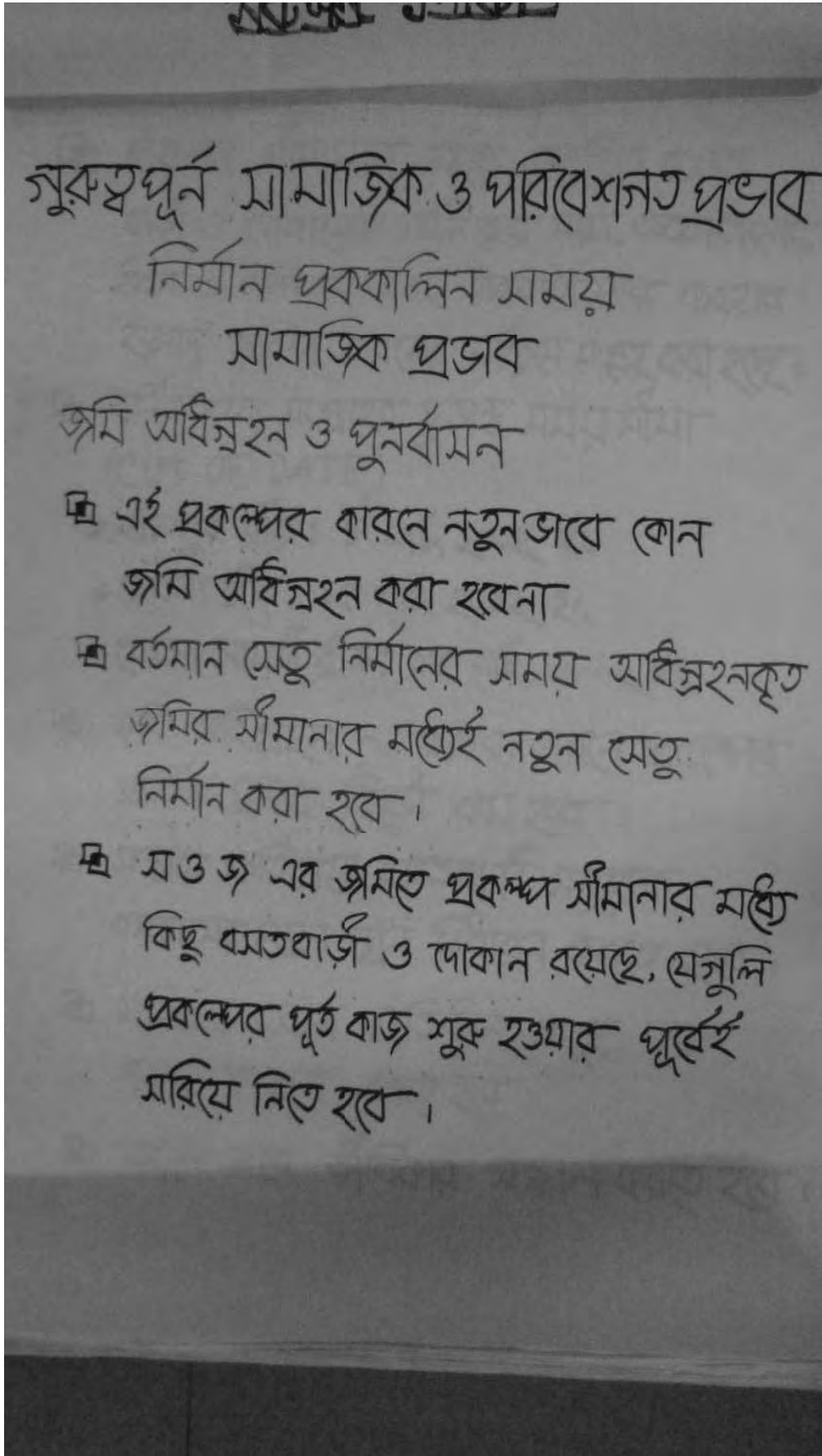
ইউনিয়ন/দৌরমজ - দিবাঙ্গুপুর, বানিয়া কান্দি

মেঘনা-গোমর্গ ব্রজি -

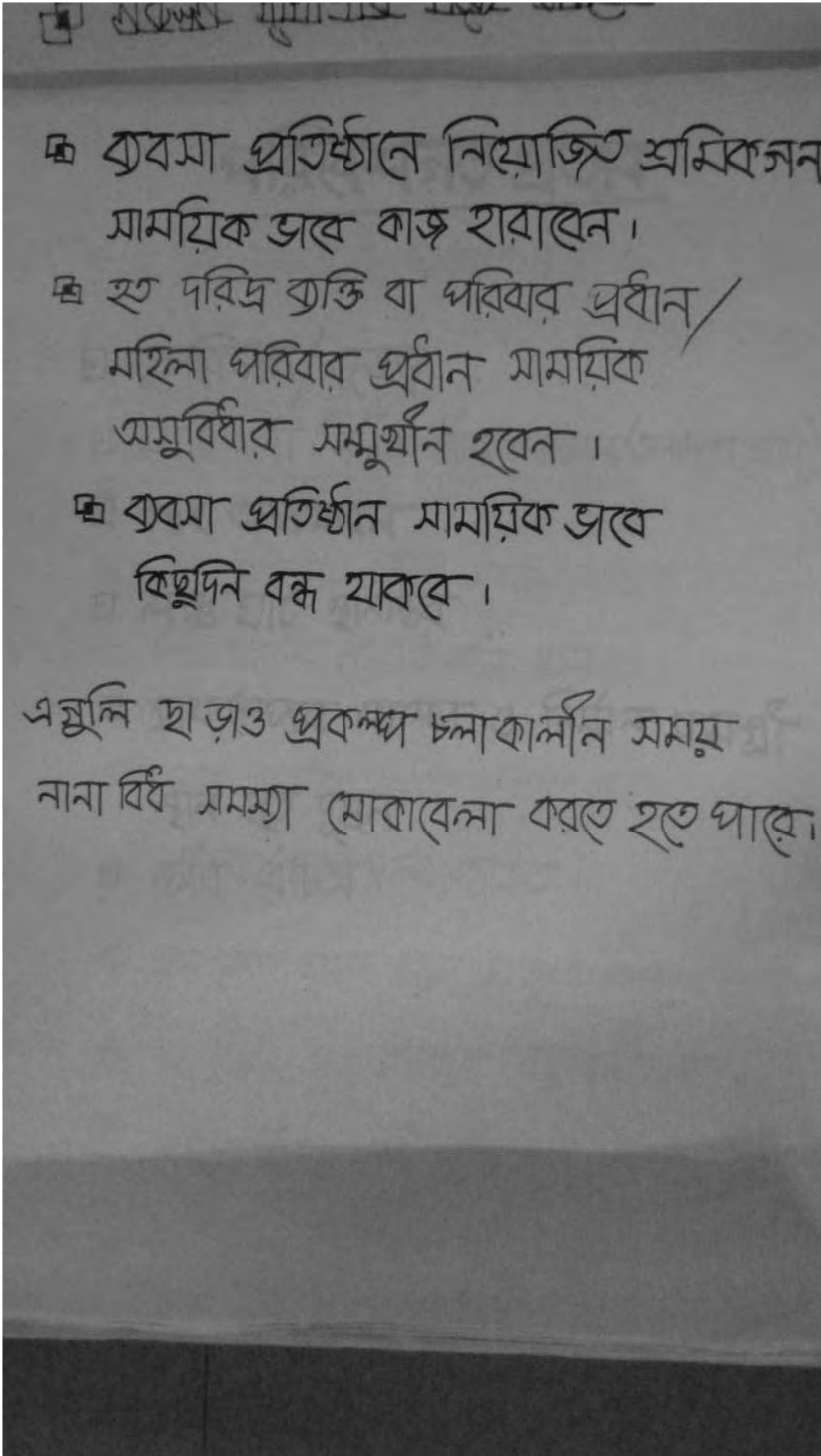
জেলা - মুর্শানক্স, কুমিল্লা

উদজেলা - সজারিয়া, দাউদ কান্দি

ইউনিয়ন/দৌরমজ - বাউমিয়া, দাউদ কান্দি



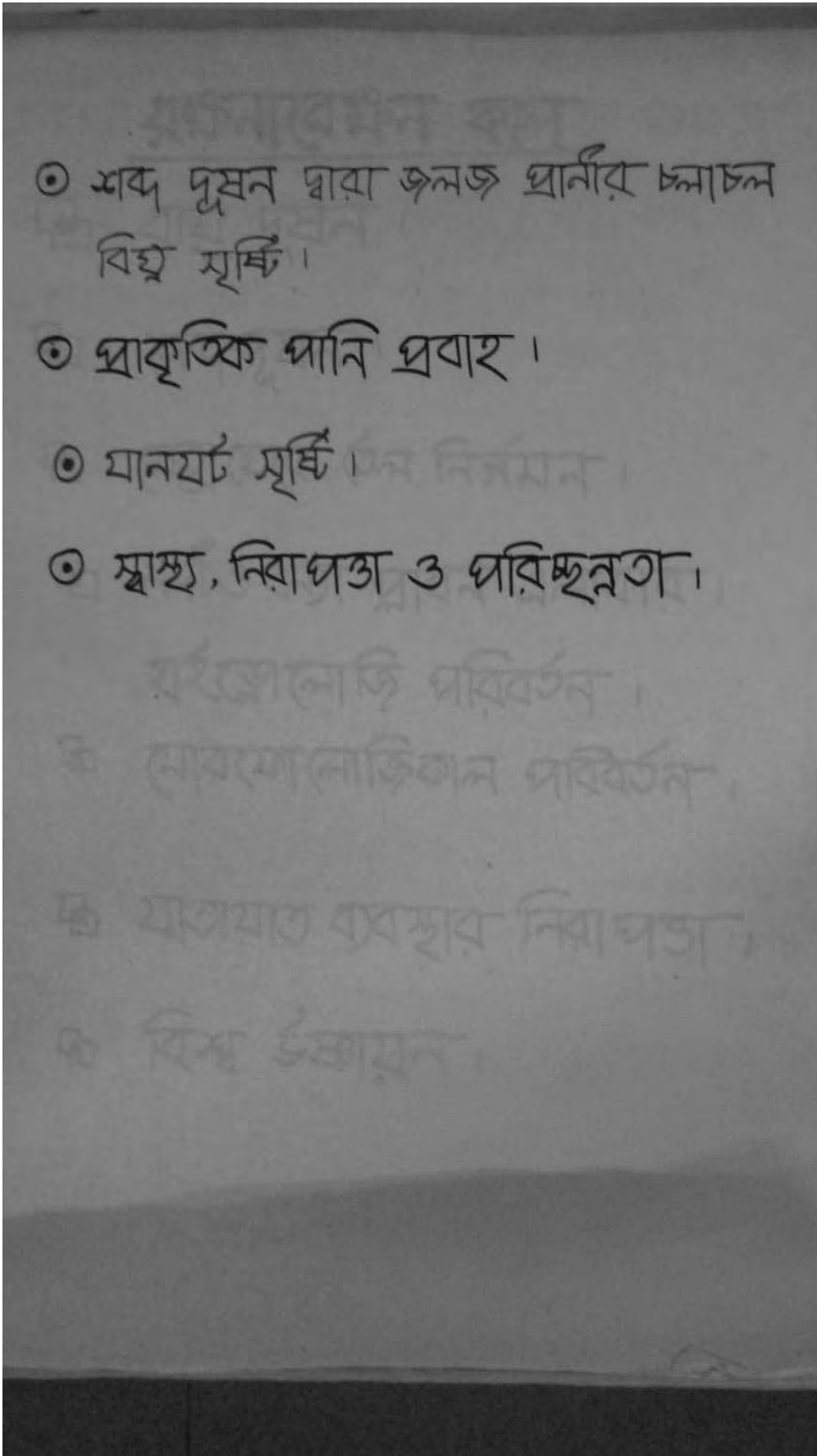
- ১৩
- ১৩ প্রকল্পৰ সীমানাৰ মৰ্য্যে অবস্থিত বসত বাৰ্জী ও দোকানেৰ মালিকেৰ নাম, অবকাঠামোৰ ধৰন ও দৰিমান এবং অবকাঠামোৰ ব্যবহাৰ ইত্যাদি জৰিদ ফৰমেৰ মাৰ্চমে সংগ্ৰহ কৰা হুছে।
 - ১৪ বৰ্ণিত তথ্য সংগ্ৰহেৰ চুড়ান্ত সময় সীমা (CUT OF DATE)
 - ১৪.১ কাঁচপুৰ বৰ্জী: ৮ মাৰ্চ, ২০১২ ইং
 - ১৪.২ মেঘনা বৰ্জী: ১৫ মাৰ্চ, ২০১২ ইং
 - ১৪.৩ মেঘনা-নোমতী বৰ্জী: ১৫ মাৰ্চ, ২০১২ ইং
 - ১৫ জমি অধিগ্ৰহন না কৰাৰ কাৰনে প্রকল্পেৰ মাৰ্চিক প্রভাব বিহুৰ্গ কম হুবে।
 - ১৬ সমূহক ঞ্চতিগ্ৰহন বসতবাৰ্জী সমূহকে বসবামেৰ নতুন স্থান নিৰ্বাৰন কৰতে হুবে।
 - ১৭ ঞ্চতিগ্ৰহন কৰমা প্রতিষ্ঠান সমূহ নতুন স্থানে স্থানান্তৰ কৰতে হুবে।
 - ১৮ নতুন ভাবে জীবিৰ মস্কান কৰতে হুবে।



পরিবেশগত প্রভাব

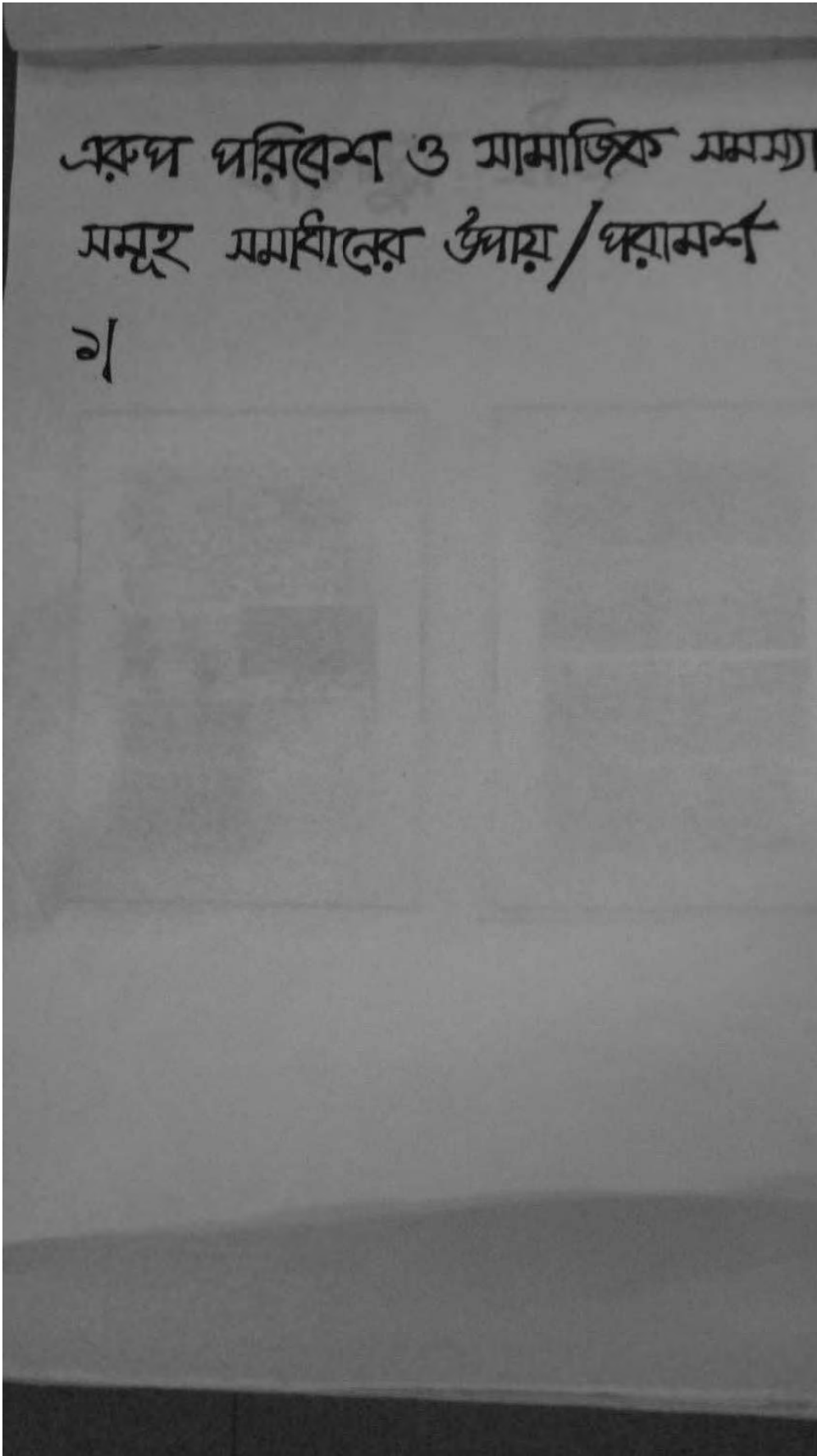
- দুর্ঘটনা/ দুর্ভাগ্য
- মাটি ক্ষয় (নদীর তীরে প্রকল্প/কর্মক্ষেত্র)
- গাছ অক্ষয়
- লক্ষ্য হার্ট স্থানান্তর
- প্রকল্পের কোম্পা ও নির্মাণ সামগ্রী স্থান হতে দূষণ
- জীব বৈচিত্র্য

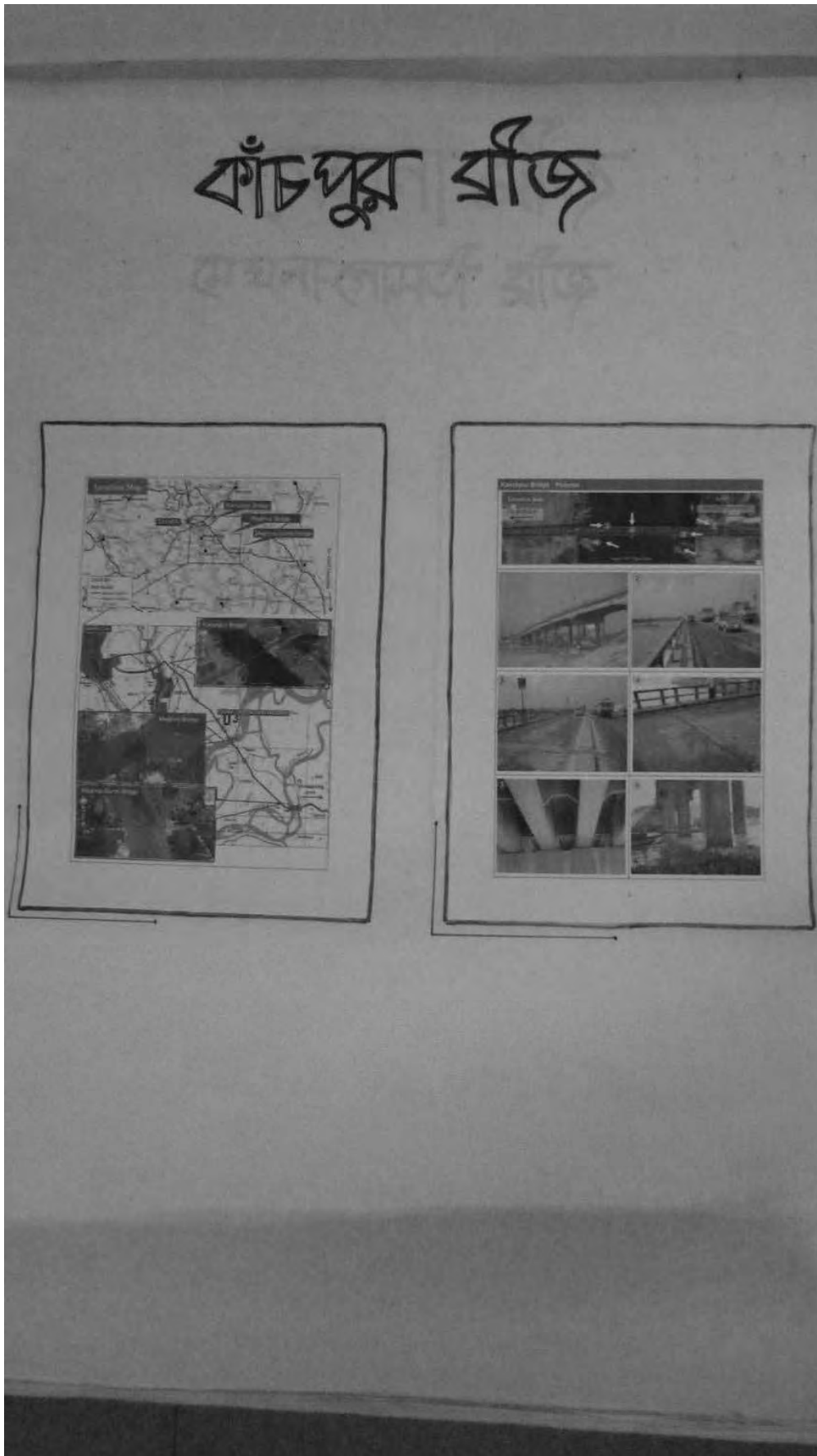
- ◉ লৌহান চলাচল ব্যাঘাত হৃষিক।
- ◉ সূনদ্রয় ও লৌহয়ে নিৰ্মান মামৰ্ণী ধৰ্মেৰ জ্ঞন্য
পৰিবেশনত দুভাব।
- ◉ মাটি নিচেৰে দিকে ডেৰে যাওয়া।
- ◉ শ্ৰকন্দন একাকায় মানুষ চলাচল বৃদ্ধি।
- ◉ নদীৰে ঘানিৰ সূনত মান শ্বম।
(নদী খননেৰ জ্ঞন্য)
- ◉ জলজ ঘানিৰে আবাম ভূমিৰ খতি।
- ◉ মাছেৰে চলাচল ব্যাঘত।
- ◉ খননেৰ ফলে বানু মজুত বাখা।
- ◉ দাৰ্শনিক এৰ সময় মাছ চলাচল
দখে বিধ্ব হৃষিক।

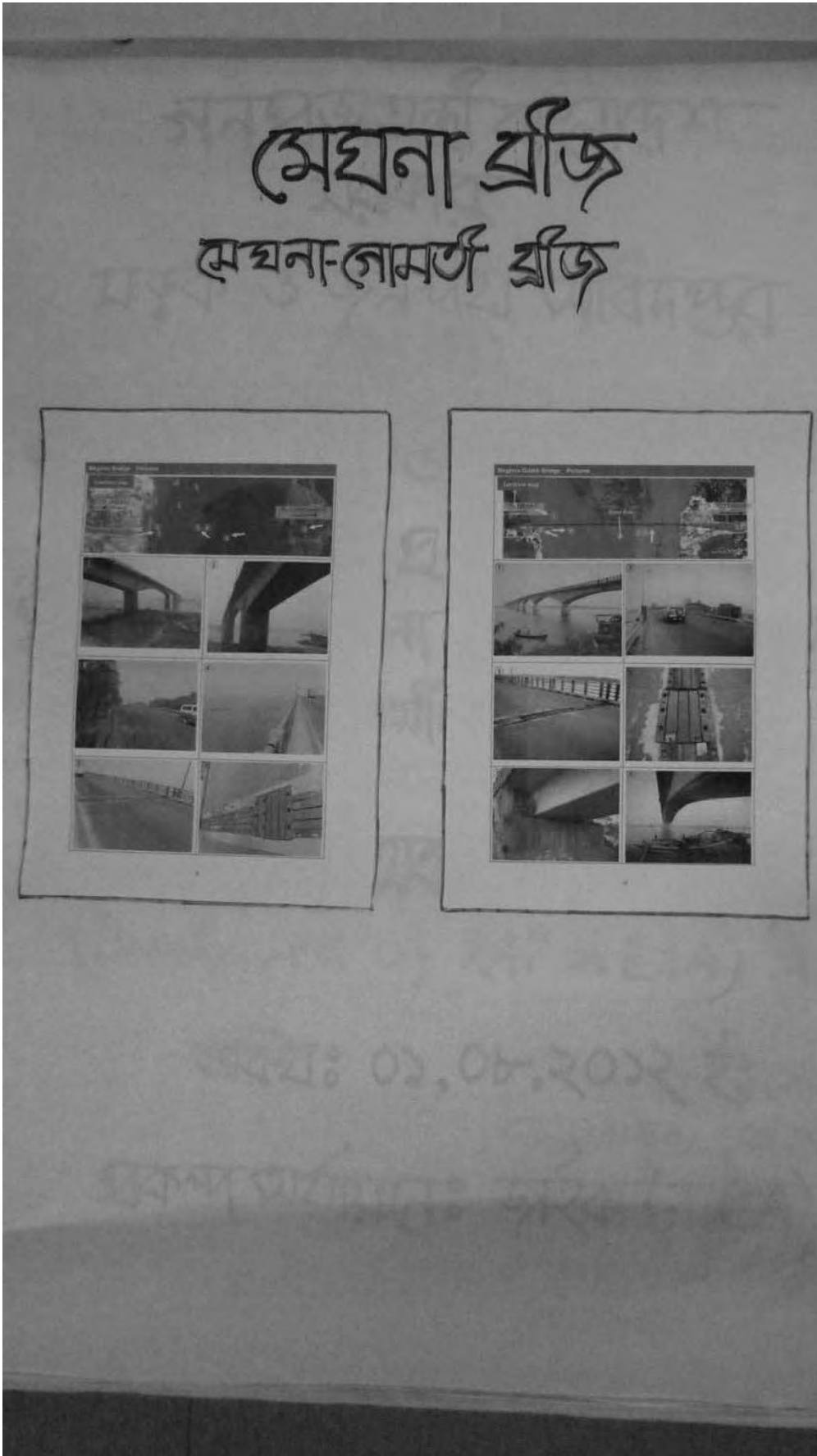


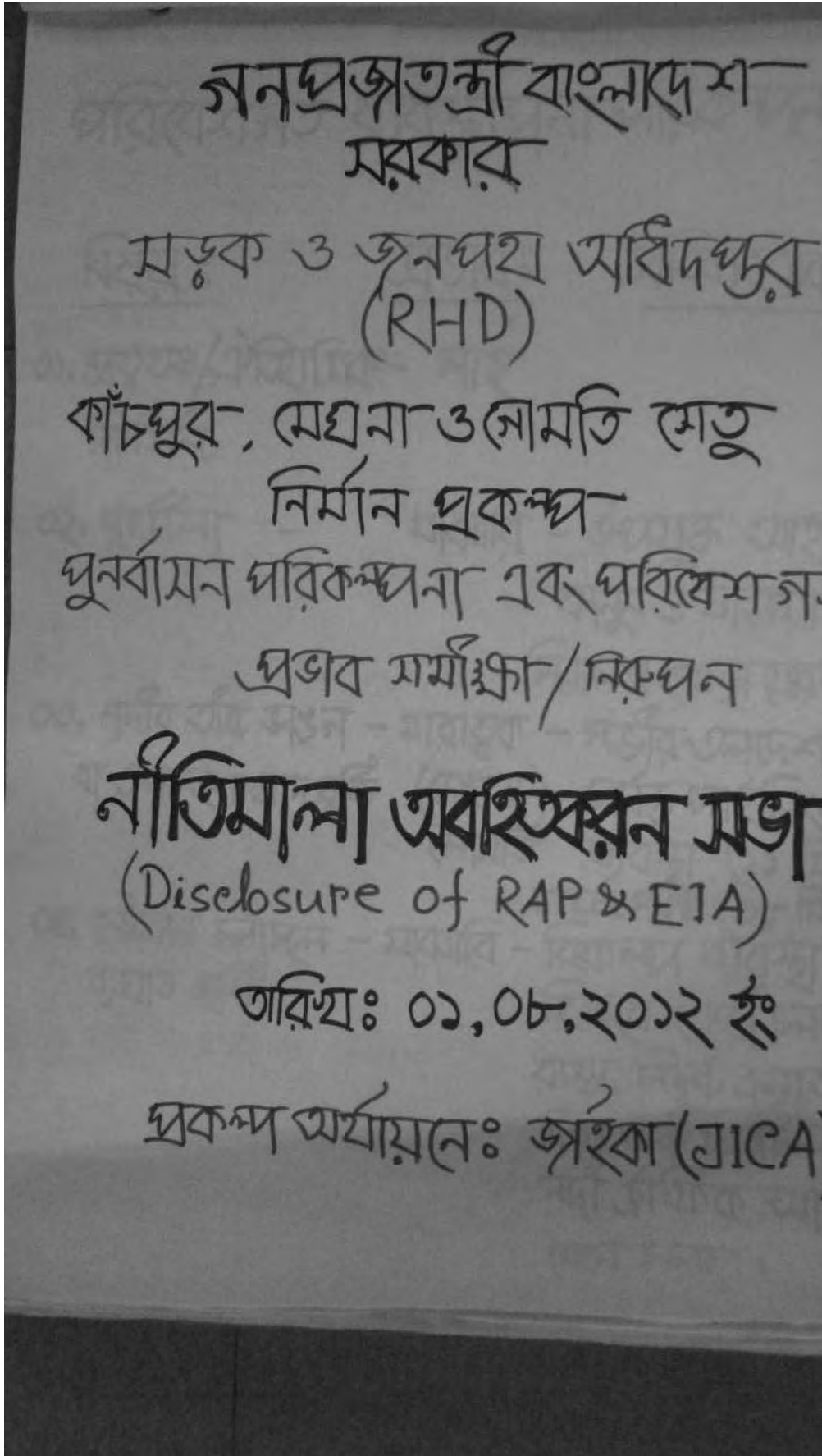
বিকাশকাল

- ☐ বায়ু দূষণ।
- ☐ শব্দ দূষণ।
- ☐ মেতু থেকে তেল নিৰ্গমন।
- ☐ নদীও বন্যা প্লাবন এলাকাৰ।
হাইড্রোলজি পরিবর্তন।
- ☐ মোৰফোলজিকাল পরিবর্তন।
- ☐ যাতায়াত ব্যৱস্থাৰ নিৰাদৰ্শতা।
- ☐ বিশ্ব উষ্ণায়ন।









পরিবেশগত ব্যবস্থাপনা পরিকল্পনা

বিষয়ঃ প্রভাবঃ প্রতিরোধক

০১. প্রকল্প/প্রকৌশলিক - নাই
নির্দেশন
০২. দুর্ঘটনা - মাঝারি - উদযুক্ত আইন
কানুন ও যোগ্যত
নিরাপত্তা ব্যবস্থা গ্রহণ
০৩. নদীর তীর ভাঙন - মাঝারি - নদীর ওলদেশ
বা ওলদেশে প্রাদ মৃষ্টি (মেঘনা) পর্যন্ত প্রাইলিঃ এ
নোমতি ব্যবস্থা (১১ মিঃ
STEEL PIPE (০৮ মিঃ
০৪. নৌযান চলাচলে - মাঝারি - বিকল্প ব্যবস্থা
ব্যাঘাত মৃষ্টি
হিমাবে ফেরা চলাচল
বাস্তা, নিদৃষ্টি এলাকা
দিয়ে বার্তা চলাচল,
নদী প্রায়িক আই
মেনে চলা ।

<u>বিষয়:</u>	<u>স্থান:</u>	<u>প্রতিকার:</u>
০৫. শর্ট ড্রাজ্জি -	নগন্য	
০৬. সাহু অপসারণ ও কর্তন	মাঝারি - (খাদ্য-৪২০ মেঘনা-১৮৫০ নোমতি-০০)	উদযুক্ত সাহু ও বন্ধনাবেগন
০৭. জীবাণু -	মাঝারি (মেঘনা ও নোমতি)	শুশুক চলা কোম্পা হাৰ্ভি না করা
০৮. বিশ্ব ঔষধ -	নগন্য -	
০৯. বায়ু দূষণ -	মাঝারি -	উদযুক্ত দাবি
১০. দানি দূষণ -	মাঝারি -	সূর্যজবে দানি দাবি
১১. মাটি দূষণ -	মাঝারি -	উদযুক্ত দাবি
১২. গাঠন বর্জ -	মাঝারি -	উদযুক্ত বর্জ অপসারণের ব্যবস্থা

বিষয়ঃ	শ্রুতঃ	প্রতিকার ব্যবস্থা
১৩. শব্দ দুখন ও কখন -	মাক্ষাৰি-	কম শব্দ সৃষ্টিৰ দ্বাৰ্শনিং চম্ভতি ব্যহাৰ কৰা
১৪. দুৰ্নক	- মাক্ষাৰি -	কঠিন বৰ্জ উদযু দ্বিৰ্শোৰিন ব্যবস্থা
১৫. নদাৰি ওলদেহ - ওলানি	মাক্ষাৰি -	ওলন বৰ্জ নদাৰি নিৰ্মমনেৰ দুৰ্বে উদযুক্ত দ্বিৰ্শোৰ ব্যস্থা
১৬. মাটি নিচে দিকে - ডেবে যাওয়া	নক্ষন	

একল্লেখ বননাঃ

মূল ব্রিজের দৈর্ঘ্যঃ প্রস্থঃ

কাঁচপুর - ৪০০ মিঃ - ১৬.৮ মিঃ

মেঘনা - ১৩০ মিঃ - ১৭.৪৫ মিঃ

নোমতি - ১৪১০ মিঃ - ১৭.৪৫ মিঃ

প্রস্তাবিত প্রকল্প সীমানাঃ

কাঁচপুর : বর্তমান ব্রিজের দক্ষিণ
দিকে ৩০ মিঃ দূরত্ব

মেঘনা ব্রিজ : বর্তমান ব্রিজের উত্তর দিকে
দক্ষিণ অংশে (২০ মিঃ)

নোমতি ব্রিজ : বর্তমান ব্রিজের দক্ষিণ দিকে
দক্ষিণ অংশে (৩০ মিঃ)

চট্টগ্রাম অংশে (৩০ মিঃ)

জর্বাধ পরিচালনার সময়ঃ

কাঁচপুর - ০৮ মার্চ ২০১২ ইং

মেঘনা - ১৫ মার্চ ২০১২ ইং

নোমতি - ১৫ মার্চ ২০১২ ইং

চুক্তি সময়সীমা (Out of Date):

কাঁচপুর - ০৮ মার্চ ২০১২ ইং

মেঘনা - ১৫ মার্চ ২০১২ ইং

নোমতি - ১৫ মার্চ ২০১২ ইং

আর্থ সামাজিক জর্বাধঃ

মর্বমোট পরিবার ৪১১ টি

কাঁচপুর - ১৪২ টি

মেঘনা - ৩৩৬ টি

নোমতি - ১১ টি

<u>স্বাধীনতা দিবসের সংখ্যা:</u>			
<u>ধরন:</u>	<u>কাঁচদুর:</u>	<u>শেষনা:</u>	<u>সমাপ্তি:</u>
বসন্তবাড়ি(নিজস্ব) - ১০০	-	০১	- ০৬
জড়াঢ়িয়া(বসন্ত) - ১৮	-	০০	- ০০
ধরমায় অকারণো - ২৬	-	১৭	- ১৮
জড়াঢ়িয়া(ধরমা) - ০৪	-	০১	- ০০
বসন্তবাড়ি ও ধরমা - ০৩	-	০০	- ০০
সামাজিক প্রতিষ্ঠান - ০১	-	০১	- ০০
দুর/মাছদ্র - ০১	-	০০	- ০০
নাছ	-	০০	- ০০
সর্বমোট :	- ২৩৬	- ২১	- ২৪

ধ্বন অনুযায়ী খ্যাতি বিবরণ:

ধ্বন: কাঁচপুর: মেঘনা: সোমতি:

সোমি দ্বাকা - ১৩৫২ - ২৮৮ - ২০৫
(বর্জ ফুট)

দিনের জেঁ - ১২৮১৫ - ৪৭৩২ - ১৭৮৮

কাঁচ - ৪৮৭ - ০০ - ৬১৬

কুড়ের - ৭১০ - ১৪৬ - ৪২

সর্বমোটঃ ২ ২৬৭১ - ৫৮৬৬ - ২৩৫৮

ঋতিদুরনের ব্যবস্থা:

বসবাস অবকাঠামো (নির্ভর):

- অবকাঠামোর প্রতিস্থাপন মূল্য
- অবকাঠামো মরানো বাবদ খরচ
- অবকাঠামো পুনঃনির্মাণ বাবদ সহায়তা
- হতদরিদ্র দরিবার/মহিলা দরিবার
দ্রবীন আর্থিক ভাবে অক্ষমদের
জন্য বিশেষ আর্থিক সহায়তা
- মহিলা দরিবার দ্রবীন হলে এককালীন
আর্থিক সহায়তা
- হত দরিদ্র দরিবারের জন্য আয়বর্ধক
কর্ম সৃষ্টির উদ্দেশ্যে প্রদান
- গরের মানিক অবকাঠামো নিজ
দায়িত্বে মরিয়ে নিবেন।

বসবাস ভাড়াট্টিয়া:

- ⊙ তিন মাসের ভাড়া সমন্বয়মান আর্থিক সহায়তা
- ⊙ বাড়ির মালিকের স্থানান্তর সহায়তা
- ⊙ বাড়ি আর্থিক অনুদান

ব্যবসা (নিজস্ব ব্যবসায়)

- ⊙ ব্যবসায়ের প্রতিস্থাপন ক্ষমতা
- ⊙ ব্যবসায়ের স্থানান্তর বাবদ সহায়তা
- ⊙ ব্যবসায়ের পুনর্নির্মাণ বাবদ সহায়তা
- ⊙ তিন মাসের আয়ের সমন্বয়মান আর্থিক সহায়তা
- ⊙ হতদরিদ্র হলে বিশেষ আর্থিক সহায়তা
- ⊙ ব্যবসায়ের মালিক নিজ দায়িত্বে
- ⊙ ব্যবসায়ের মালিক নিজে নিজে

ব্যৱসায়ী (ভাড়াটীয়া)

- তিন মাহেৰ আবেৰ সমদৰিমান আৰ্থিক সহায়তা
- ব্যৱসায়ী মালিকান সৰালোৰ জন্ম আৰ্থিক সহায়তা
- হত দৰিদ্ৰ হলে এককালীন আৰ্থিক সহায়তা
- আয় বৰ্ষিক মূলক (IGA) প্ৰশিক্ষণ

অন্যান্য গুণিত্ত্ববন:

- ম ও জ (RHD) এৰ কৰ্মচাৰী সন কোন
- অবকাঠামোৰ গুণিত্ত্ববন দাৰেবনা
- জাদেৰ তেৰীকৰা গৰেব অবশিষ্টাংশ নিয়ে যেতে দাৰেবন
- গুণিত্ত্ববন পুৰ/ ম্যম খামাবেৰ গুণিত্ত্ববন
- গুণিত্ত্ববন নাহেৰ গুণিত্ত্ববন

- প্রতিজন শ্রমিকের প্রতিদিনের মজুরীর
ভিত্তিতে ১০ দিনের শ্রমের গুণিতকরন
- আয়বর্ষিক মূল্যবান কাজের প্রশিক্ষণ
- যে কোন প্রকার অস্বাস্থ্যকর গুণিতকরন/অস্বাস্থ্যকর
জন্য গুণিতকরন
- প্রকল্পের ঠিকাদার তার প্রতিজন শ্রমিক/
কর্মচারীকে HIV এইডস এর ঝুঁকি
মচেতনতা মূলক প্রশিক্ষণ দিবেন
(৬৫) নানিষা প্রতিকার কমিটি
- RHD এর SDE এর নেতৃত্বে ৬৫
গঠন করা হবে
- গুণিতকরন ব্যক্তিগত তাদের প্রাথমিক ওপর
৬৫ এর বিকট আবেদন করতে দাবিবেন
- প্রতিটি নানিষেব সুনারী আবেদনকারীর
দৈনিক ২০ দিনের মধ্যে অমুদ্রিত হবে

গতিপূৰণ প্ৰদানেৰ নিয়মাবলী :

- স ও ক কে সহায়তাৰ জন্ম এফটি NGO বা Consulting Firm নিয়োগ দেয়া হ'বে
- প্ৰতিজন গতিশীল ব্যক্তিকে নিজ নামে ব্যাংক হিমাৰ খুলতে হ'বে
- স্থৰি উলতে হ'বে
- আৰ্হি কাৰ্ড প্ৰস্তুত কৰা হ'বে
- প্ৰত্যেকৰ গতিৰ হিমাৰ এফটি গতিপূৰণেৰ পৰিমাণ (EPEC) নিৰ্বাৰন কৰা হ'বে
- এলাকাৰ বমে স্থানীয় জন প্ৰতিনিধিৰ উপস্থিতিত গতিপূৰণেৰ চেক হস্তান্তৰ কৰা হ'বে
- গতিপূৰণ প্ৰদানেৰ মৰোম ৩০ দিনেৰ মৰোম প্ৰকল্প এলাকা ছেড়ে যোত হ'বে