

Roads and Highways Department (RHD)

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

Consultation meeting with potential affected people and other stakeholders

Date: 15 .3.2012 at 10.30 am
Venue : Shenpara, Kanchpur,
Sonargao, Narayanganj

A meeting was held on the 15th March 2012 at 10.30 a m at the Kanchpur Bri dge location (Shenpara),Sonargaon, Narayanganj on T erms of Reference for Social and Environmental Impact Assessment. The Meeting was presided over by the Kanchpur Union Parishad Chairman Md. Alhaj Fazlul Haque. Among others Mr. Md . Ashrafal Alam Superintending Engineer, RHD, Mr. Tushar Kanti Shaha Executive Engineer, RHD, Shi m rail, Narayanganj, Md. Rejaul Karim Executive Engineer, Bridge Design Division, RHD, Dhaka, Ms. Rehana Haque Executive Engineer, RHD, Dhaka, Ms. Johora Sultana S DE, RHD, Dhaka, Abdur Rahma n Kawser SDE, RHD, Narayanganj, Takeo SHOJI Japanese Environmental Specialist of the JICA Study Team, Md. Nahid Muniruddin, Natural En vironmental Engineer (Local) and Kh. Khairul Matin Social Environmental Engineer (Local) JICA Study Team and more than 30 local people were present in the meeting (list of the participants attached in Appendix-A). In the consultation meeting the local pe ople were informed about the goals and o bjectives of the. The Superintending Engineer welcomed all participants in the discussion session and described the project including it's different components. It was disclosed that the Japan Bank for International Cooperation (JICA) will finance th e project Mr. Takeo SHOJI described importance of the consultation meeting and emphasizes on the social and en vironmental issues to be addressed during project preparation, implementation and operation & maintenance stage.

Md. Abu Nahid Munirudding and Kh. Khairul Matin pres ented the environmental and social issues using flip charts. It was discussed that th e construction of the project may be started by early 2014. The project will include main bridge, approach road, service area, stake yard, etc.

Kh. Khairul Matin informed the participants that;

- New land acquisition is not required for construction of the proposed bridges and for this overall impact on the community will be minimized.
- These bridges will be constructed in RHD land acquired for the existing bridges
- Some residential households, commercial enterprises and common properties are found within the proposed area those are required relocation before starting civil construction
- A detailed socioecon omic survey and inventory of assets through structured questionnaires are being conducted among the households within and surrounded the project area.

- The cut-off date for conducting this survey is
 - March 8, 2012 for Kanchpur Bridge
 - March 15, 2012 for Meghna Bridge &
 - March 15 , 2012 for Meghna-Gomti Bridge
- The residential households are to be relocated in new location due to the project
- Commercial enterprises would be relocated for continuing business
- They have to search alternative livelihood for the time being
- Wage labourers may lose their job for some days/weeks
- The vulnerable house holds/ women headed households may experience adverse impacts due to the project
- The commercial enterprises may be closed for some days/weeks
- Besides, some other adverse impacts/ challenges may be encountered during construction of the bridge

Md. Abu Nahid Muniruddin informed the participants that the proposed bridge construction project may impact or effect on the following important environmental components (IECs) during various phases of the project:

- Topography and Geology may be changed due to the project
- Soil Erosion and scouring in the river bed may take place
- Inland Water Transportation may disturbed during construction of the bridge
 - River hydrology may be changed
 - Impacts on Biota and ecosystems
 - Effects on Global Warming
- Air Pollution
- Water Contamination
- Soil Pollution
- Waste
- Noise and Vibration
- Ground Subsidence
- Odor
- Bottom Sediment
- Landscape

A large percentage of participants were concerned that the existing water quality of the Shitalakhya river is very poor due to the effluent discharges from all the industries situated on the upstream and downstream which include , fertilizers, textiles, jute mills, soap factory, pulp

and paper mill etc. These Industrial pollution often creates very severe localized environmental problems, which affect human health, aesthetic and local ecosystems. Due to the industrial effluents, there is no fish in the river Shitalkahya. Most of them also opined that noise, vibration, and dust will be the major issues during construction.

The Environmental Specialist pointed out that impact on the project upon ambient air, noise quality, soil quality, water quality is being assessed through collection of primary baseline data. EMP will provide instructions limiting environmental qualities to comply with the standards and penalties for violation.

Almost everybody said that they will support the project and advised the JICA Team to take precautions in the environmental mitigation to avoid the various impacts anticipated during the preconstruction, construction and operation stages of the project and to ensure protection of the sensitive locations like mosque, mazar, graveyard etc. of the areas.

The Environmental Specialist informed that the design and layout of the main bridge and approach roads etc. when finalized will consider the anticipated adverse impacts. EMP will cover specific measures to follow during the construction process in protecting religious and other sensitive locations.

The participants expressed their views in favor of the project. They are well known about the contribution of the JICA in this project. The affected people told that they have been living in the present location for more than two decades and most of them have no alternative land for relocation. Most of them are wage laborers and rickshaw/van puller. Some of the women are living there who have no husband or adult son to shoulder the household responsibility. According to their statement, most of them are vulnerable in terms of income. About 14 RHD employees are living within the proposed site in their own structure but they have constructed some temporary sheds and rented out to others. About 120 residential and commercial enterprises are found in the proposed site (both ends of the Kanchpur bridge). After threadbare discussion on the issues the floor was open for all to express opinion about the mitigation measures of the probable social and environmental impacts as discussed earlier.

It was found that the people are mainly concern about their relocation and assistance to be provided by the project for relocation in new site.

SI	Name	Position	Sex	Question/ opinion
1	Mr. Md.	Chairman, Kanchpur Union Parishad	Male	The people living in the bridge adjacent area are mostly land less and vulnerable. They have been living in this place for 20-30 years. 'We, the local people want the new bridge parallel to existing one with immediate effect but the se poor people should be relocated by the project'- the Chairman urged. Some small shop owners are also dealing in within the project area. They should be paid compensation and other assistance properly.
2	Md. Akkas Sharif	Resident	Male	He is living in the project site for about 30 years. He has small piece of land in a distant place but that is not suitable for constructing house. They have a social network here and publicly known as

				citizen of this area. He has no way of relocation by own-self.
3	Ms. Hazera Begum	Resident	Female	She is living here for 25 years as tenant. She has no land for relocation even she has no structure to live in. He is widow and leading the family with one adult son who is taking household responsibility on his shoulder.
4	Md. Fazlul Haque	Resident	Male	They are living here for about 25 years. His parents buried in the nearer graveyard. He has no alternative land for relocation. Wanted compensation and as well as relocation in government land by the project.
5	Mohammad Hossain	Resident	Male	He needs compensation for the structure and relocation by the project.
6	Ali Ahmed	Resident	Male	Also requested relocation in project sponsored relocation site
7	Hazi Serajul Islam	Member, Kanchpur Union Parishad		there are some land within RHD boundary where these people may be relocated. Government may think about khash land for their relocation. But this should be in the nearer place so that their means of livelihood will not be hampered

The Chairman of the Kanchpur Union Parishad thanked to all especially the Jap an Government for extending support in this project and urged again relocation of the affected poor households in a cluster manner if there is any provision in the project.

The Superintending Engineer informed the participants that their opinion have been noted down and would be discussed with the project authority. The principle is to assist the affected persons in their relocation as per Donor's guideline and they should be relocated by their own before starting civil construction. The affected persons were insisted to search alternative location from now as they have about 2 years time in hand to relocate.

The meeting was closed with a vote of thanks from the chair.

Appendix-A: Attendance Sheet

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

Consultation meeting with affected people and other stakeholders
(Attendance Sheet)

Date: March 15, 2012, Time 10.30 am
Venue: Kanchpur Bridge (Shenpara), Ctg. end
Union: Kanchpur, Upazila: Sonargaon,
District: Narayanganj

Sl. No.	Name	Father's name	Address/ Identity	Cell Phone No.	Signature
01	Chairman	Kanchpur Union Parishad	Senpara, Kanchpur	01716417987	
02	Abdul Barak	Kanchpur Union Parishad	Senpara, Kanchpur	01676942438	
03	Abdul Rahman	Kanchpur Union Parishad	Senpara, Kanchpur	01195341846	
04	Shirajul Islam	Abdur Sobhan	Senpara, Kanchpur	01711056580	
05	Fazzlul Haque		Senpara, Kanchpur	01711133079	
06	Shaidul Islam		Senpara, Kanchpur	01190759122	
07	Nazrul Islam		Assistant Imam Senpara Jame Mosque, Kanchpur	01816594163	
08	Md.. Akkas Ali		Senpara, Kanchpur	01712830302	
09	Anamul Haque		Senpara, Kanchpur	01822810672	
10	Md. Mintu	Saidur Rahman	Senpara, Kanchpur	01937296459	
11	Samsul Alam	Anisur Rahman	Senpara, Kanchpur	01740398297	
12	Abdul Kadir	Moksed Ali	Senpara, Kanchpur	01821500197	
13	Abul Kalam		Senpara, Kanchpur	01937400420	
14	Ataur Rahman		Senpara, Kanchpur		
15	Osman Goni		Senpara, Kanchpur		
16	Dr. Mamun	Anamul Haque	Senpara, Kanchpur	01712161489	
18	Jadul Kalam	Habibullah	Senpara, Kanchpur	01673029842	
19	Shahidul Haque	Sayed Ali	Senpara, Kanchpur	01938696497	
20	Osman Goni	Abul Hossain	Senpara, Kanchpur	01814849680	
21	Ruhul Amin	Abdul Bared	Senpara, Kanchpur	01827866799	
21	Yousuf Ali	Abdul Mannan	Senpara, Kanchpur	01744788376	
22	Asraful Alam		Superintending Engineer, RHD	01711609137	
23	Shoji Takeo		Environmental Specialist JICA Study Team		
24	Eiji Yonezawa		JICA Study Team		
25	Tushar Kanti Shaha		Executive Enginner, RHD, Simrail, Narayanganj	01552600037	
26	Rezaul Karim		Executive Enginner, RHD, Dhaka	01924964464	
27	Rehana Haque		Executive Enginner, RHD, Dhaka	01552308166	
28	Johura Sultana		Sub-Divisional Engineer, RHD	0171859999	
29	Abdur Rahman		Sub-Divisional	01552451362	

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Sl. No.	Name	Father's name	Address/ Identity	Cell Phone No.	Signature
	Kawser		Engineer (RHD), Narayanganj		
30	Konno Toshiyuki		JICA Study Team		
31	Makate Nozawa		JICA Study Team		
32	Shahadat Hossain	Tariq Ullah		01712131172	
33	Dilip Kumar Das	Dhirendranath das		01711218969	
34	Farid Uddin	Moksed Ali		01673984504	
35	Motiur Rahman	Azizur Rahman	Senpara	01552490671	
36	Noab Ali	Hafiz Ali	Senpara		
37	Ataur Rahman	Azizur Rahman	Senpara	01920933093	
38	Jalal Sheikh	Ajgor	Senpara	01937250755	
39.	Md. Abu Nahid Muniruddin		Natural Environmental Engineer, JICA Study Team	01715452920	
40.	Kh. Khairul Matin		Social Environmental Enginner, JICA Study Team	01741127736	

Roads and Highways Department (RHD)

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

Consultation meeting with potential affected people and other stakeholders

Date: 15 .3.2012 at 02.30 pm
Venue : Tetuitala Bazar, Meghna Ghat,
Baliakandi, Gazaria, Munshiganj

A meeting was held on the 15th March 2012 at 2.30 pm the Kanchpur Bridge location (Shenpara), Sonargaon, Narayanganj on Terms of Reference for Social and Environmental Impact Assessment. The Meeting was presided over by the Hazi Abd ul Aziz Dewan (affected person), Tetuitala, baliakandi, Gazaria, Munshiganj. Mrr. Md. Ashraf ul Alam Superintending Engineer, RHD, Mr. Tushar Kanti Shaha Executive Engineer, RHD, Shimrail, Narayanganj, Md. Rejaul Karim Executive Engineer, Bridge Design Division, RHD, Dhaka, Ms. Rehana Haque Executive Engineer, RHD, Dhaka, Ms. Johura Sultana SDE, RHD, Dhaka, Abdur Rahman Kawser SDE, RHD, Narayanganj, Takeo SHOJI Japanese Environmental Specialist of the JICA Study Team, Md. Nahid Muniruddin, Natural Environmental Engineer (Local) and Kh. Khairul Matin Social Environmental Engineer (Local) JICA Study Team and more than 50 local people were present in the meeting (list of the participants attached in Appendix-A) In the consultation meeting the local people were informed about the goals and objectives of the. The Superintending Engineer welcomed all participants in the discussion session and described the project including its different components. It was disclosed that the Japan Bank for International Cooperation (JICA) will finance the project Mr. Takeo SHOJI described importance of the consultation meeting and emphasizes on the social and environmental issues to be addressed during project preparation, implementation and operation & maintenance stage.

Md. Abu Nahid Muniruddin and Kh. Khairul Matin presented the environmental and social issues using flip charts. It was discussed that the construction of the project may be started by early 2014. The project will include main bridge, approach road, service area, stake yard, etc.

Kh. Khairul Matin informed the participants that;

- New land acquisition is not required for construction of the proposed bridges and for this overall impact on the community will be minimized.
- These bridges will be constructed in RHD land acquired for the existing bridges
- Some residential households, commercial enterprises and common properties are found within the proposed area those are required relocation before starting civil construction
- A detailed socioeconomic survey and inventory of assets through structured questionnaires are being conducted among the households within and surrounded the project area.

- The cut-off date for conducting this survey is
 - March 8, 2012 for Kanchpur Bridge
 - March 15, 2012 for Meghna Bridge &
 - March 15 , 2012 for Meghna-Gomti Bridge
- The residential households are to be relocated in new location due to the project
- Commercial enterprises would be relocated for continuing business
- They have to search alternative livelihood for the time being
- Wage labourers may lose their job for some days/weeks
- The vulnerable house holds/ women headed households may experience adverse impacts due to the project
- The commercial enterprises may be closed for some days/weeks
- Besides, some other adverse impacts/ challenges may be encountered during construction of the bridge

Md. Abu Nahid Muniruddin informed the participants that the proposed bridge construction project may impact or effect on the following important environmental components (IECs) during various phases of the project:

- Topography and Geology may be changed due to the project
- Soil Erosion and scouring in the river bed may take place
- Inland Water Transportation may disturbed during construction of the bridge
 - River hydrology may be changed
 - Impacts on Biota and ecosystems
 - Effects on Global Warming
- Air Pollution
- Water Contamination
- Soil Pollution
- Waste
- Noise and Vibration
- Ground Subsidence
- Odor
- Bottom Sediment
- Landscape

The participants opined that the existing water quality of the Meghna river is not good due to untreated effluent discharges from two chemical industries. They requested that a sound environmental mitigation plan be prepared to address the various impacts anticipated during the

pre-construction, construction and implementation stages and to ensure the protection of natural water bodies (river, canals etc.).

The Environmental Specialist pointed out that impact on the project upon ambient air, noise quality, soil quality, water quality is being assessed through collection of primary baseline data. EMP will provide instructions limiting environmental qualities to comply with the standards and penalties for violation.

Almost everybody said that they will support the project and advised the JICA Team to take precautions in the environmental mitigation to avoid the various impacts anticipated during the preconstruction, construction and operation stages of the project and to ensure protection of the sensitive locations like mosque, mazar, graveyard etc. of the areas.

The Environmental Specialist informed that the design and layout of the main bridge and approach roads etc. when finalized will consider the anticipated adverse impacts. EMP will cover specific measures to follow during the construction process in protecting religious and other sensitive locations.

The participants expressed their views in favor of the project. They are well known about the contribution of the JICA in this project. They are also known that the existing Meghna and Meghna-Gomti Bridge were constructed with financial assistance from Japan. The affected people told that they have been living/ dealing in the present location for more than three decades and most of them have no alternative land for relocation. The existing bazaar is established long ago and now it is being auctioned in every year by Upazila Administration. This is the only market in this area. Some poor people are living beside the market in a slum on RHD land. They are willing to offer their possession for constructing the bridge but required relocation in anywhere nearer to the present location. About 300 shops and more than 100 residential households are there. Most of the people living in the project area are vulnerable and they earn their livelihood by wage laboring, brick & stone chipping, fishing etc. Some of the women are living there who have no husband or adult son to shoulder the household responsibility. According to their statement, most of them are vulnerable in terms of income. After threadbare discussion on the issues the floor was open for all to express opinion about the mitigation measures of the probable social and environmental impacts as discussed earlier.

It was found that the people are mainly concern about their relocation and assistance to be provided by the project for relocation in new site.

SI	Name	Position	Sex	Opinion
1	Md Alhaj Abdul Motaleb	Resident	Male	Most of the business enterprises are run by poor people. They have no alternative sources of income. Some wage laborers are engaged in business enterprises such as hotel, tea stall, etc. They will lose their job due to the project. Poor and vulnerable people are living on the RHD land beside the market. They have no alternative land for relocation. So, the project authority should think about relocation of the affected people instead of cash compensation.

2	Md. Hazrat Ali	Resident	Male	They have been living on the RHD land as they have no alternative land for living. He urged relocation on Government land by the project instead of compensation money.
3	Haji Abdul Aziz Dewan	Resident	Male	There is a mosque in the project area that may be affected by the project. People of this area are very poor and they will be unable to relocate in new location by themselves. Their livelihood is mostly attached with this market. He requested the project authority as well as RHD to arrange relocation site for the poor people and the market.
4	Md. Mofazzal Hossain	Resident	Male	The GOB has acquired land in this area for two times. After that some people became landless and some of them are living in RHD land and within the proposed bridge alignment. As the JICA is financing the project so they a guideline about the squatters and vulnerable people. All of the people living here are vulnerable and they have no scope of relocation. He urged to arrange relocation site in the RHD land. He told that RHD has huge land in this area and they may allocate a portion of the total land for cluster relocation of the household and market.
5	Md. Didar Hossain	Resident	Male	Herequested the project authority not to leave the affected people in worse off condition. He demanded relocation of the affected people in
6	Md. Monir Hossain	Resident	Male	the JICA is financing the project and hopefully there are some scopes of relocating the poor and vulnerable people. All of the people living here are vulnerable and They have no land for self relocation. The businessmen are dealing in here for long time. He urged relocation of the affected household and shops within RHD land in a safer position. He told that they need no cash compensation but need relocation by the project.
7	Ms. Jobeda Begum	Resident	Female	They have come here in 1988 after losing all assets in devastating flood in that year. She has no land and has only one adult son who is doing wage laboring to shoulder the household responsibility. She urged relocation in new site by the project.
8	Md. Abdur Rashid (affected person)	Resident	Male	He is living here for 25 years and earning livelihood by wage laboring. He wants relocation in project sponsored site.
9	Md. Anwar Hossain	Resident	Male	He requested the project authority to shift bridge alignment a little bit western side avoiding settlement so that displacement of the market and households may be minimized.
10	Md. Golzer Hossain Bhuyan	Resident	Male	He requested to use vacant land and avoid mass displacement of the household and shops.

The Superintending Engineer informed the participants that the project will look in to the matter to avoid unnecessary displacement. He told that opinion of the people have been noted down and would be discussed with the project authority. The principle of the project is to assist the affected persons in their relocation as per Donor's guideline and they should be relocated by their own before starting civil construction. The affected

persons were insisted t o search alt ernative location from now as they have about 2 years time in hand to relocate.

The meeting was closed with a vote of thanks from the chair.

Appendix-A: Attendance Sheet

**Preparatory Survey for Dhaka-Chittagong National Highway (N-1) Bridge
Construction and Rehabilitation Project Kanchpur, Meghna and Meghna-Gomti
Bridge
Consultation Meeting with affected persons and other stakeholders
Attendance Sheet**

Date:15/03/2012 Time:12.30 pm
Venue: Tetuitala Bazar Union:Baliakandi
Upazila : Gazaria, District: Munshiganj

Sl. No.	Name	Father's Name	Address	Mobile Number	Signature
1	Md. Mokhlesur Rahman	Haji Mijanur Rahman	Tetuitala	01676195371	
2	Ahasan	L. Chand Mia	Sotoray Para	01818949508	
3	Hannan Mia	Siddique Mia	Tetuitala	01814909590	
4	Farid Uddin Ahmed	Md. Moksed Ali	Sub-Divisional Engineer (Rhd) Narayangonj	01673984504	
5	Dilip Kumar Dash	Dhirendro Nath Dash	Sub-Divisional Engineer (RHD) Narayangonj	01711218969	
6	Toshiyuki Konno		Environmental Specialist JICA Study Team		
7	Eiji Yonezawa		JICA Study Team		
8	Shoji Takeo		JICA Study Team		
9	Twshar Kanti Saha		Executive Engineer (RHD) Narayangonj	01552600037	
10	Md. Ashrafal Alom		Superintending Engineer ,RHD, Bridge Division Sarak Bhabon	01711609137	
11	Md. Rejaul Karim		Executive Engineer, RHD, Bridge Division Sarak Bhabon, Dhaka	01924964464	
12	Abdur Rahman Kawser		Sub-Divisional Engineer (RHD)	01552451362	
13	Rehana Haque		Executive Engineer, RHD, Dhaka	01552308166	

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Sl. No.	Name	Father's Name	Address	Mobile Number	Signature
14	Jahura Sultana		Sub-Divisional Engineer (RHD)	01718159999	
15	Anwar Ali	Mujaffor Ali	Meghna Ghat		
16	Makbul Bhaiyan	Hazi Nur Mohammad	Meghna Ghat		
17	Siraj Mia	Tale Bor	Tetuitala		
18	Jaman Mia	Md. Alauddin	Tetuitala	01822256214	
19	Gakul Das	Gopal Das	Tetuitala	01828485207	
20	Sakir	Sajahan	Tetuitala	01818836421	
21	Ziaul Haque Shapon	Safiullah	Tetuitala	01813806145	
22	Didar	Abdul Based	Tetuitala	01818895200	
23	Manjur		Tetuitala		
24	Dr. Mofajul	Nidul Hazi	Tetuitala	01819134805	
25	Asadulla	L. Ibrahim	Maimansing		
26	Hazi Abdul Aziz Dewan	L. Isob Ali	Tetuitala	01675545926	
27	Md. Manir	Nur Mohammad	Tetuitala	01819226121	
28	Md. Faisal	Siddiqur Rahman	Tetuitala	01818895443	
29	Hazi A. Motaleb	L. Joynal Abedin	Tetuitala	01814210309	
30	Aman Ullah	Razu Mia	Tetuitala		
31	Abdul Rashid	L. Haider Bepari	Tetuitala		
32	Dr. Manikanchon Islam Mahsin	L. Hazi Arob Ali	Baluakandi	01815411212	
33	Ashok Ali	Jakir Hossain	Tetuitala	01825312816	
34	Md. Anwar	L. Moslem	Tetuitala	01827120742	
35	Md. Milon	L. Raza Mia	Tetuitala	01815419753	
36	Mafijul Islam	Moslem Uddin	Baluakandi	01199825715	
37	Nurul Islam	Md. Ali	Tetuitala	01820182611	
38	Md. Nasir Uddin	L. Shajahan	Tetuitala	01832117425	
39	Akter Hossain	L. Ashok Ali Member	Tetuitala	01816419570	

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Sl. No.	Name	Father's Name	Address	Mobile Number	Signature
40	Nuruzzaman	Abdul Baten Dewan	Tetuitala	01827572822	
41	Sham	Md. Hazi	Tetuitala		
42	Md. Josim	Hazi A. Razzak	Tetuitala	01618533504	
43	Eman	Haten	Tetuitala		
44	Md. Ruhul Amin	Ali Hossain	Tetuitala		
45	Md. Akter Sheikh	Abdul Based	Sotoray Para	01816069756	
46	Mojibor Hossain	Md. Fazlul Haque	Sotoray Para	01726440925	
47	Imran Kabir	Samir Uddin	Sotoray Para	01818895290	
48	Abdul Gofur	Rup Chand	Tetuitala	01825687331	
49	Didarul	Sandhidula	Tetuitala	01813971278	
50	Sonil	Haron Shil	Tetuitala		
51	Jane Alom	Ashak Sarker	Raypara	01715068532	
52	Sabu	Kalai Munshi	Baluakandi	01819132458	
53	Mojammel	Iddris Ali	Tetuitala	01818648738	
54	Nando Islam	Ali Ullah	Raypara	01815756432	
55	Sabuj	Abu Soleman	Tetuitala	01811168201	
56	Akter	Manu Mia	Raypara	01812046732	
57	Aman Ullah	Ahid Mia	Raypara	01725835980	
58	Awlad	Dal Mia	Bhalua Kandi		
59	Ali Hossain	Fazlul Mia	Tetuitala	01190244913	
60	Md. Goulad Hossain	Abdul Motin	Tetuitala	01714375515	
61	Md. Abu Nahid Muniruddin		Natural Environmental Engineer, JICA Study Team	01715452920	
62	Kh. Khairul Matin		Social Environmental Enginner, JICA Study Team	01741127736	

Roads and Highways Department (RHD)

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

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

Date: 01.8.2012 at 2.30 pm
Venue: Kanchpur Bridge (Chittagong end) Senpara, Sonargaon, Narayanganj

A stakeholder meeting (Second Stage) was held on disclosure of the RAP and EIA policy of the project on the August 01, 2012 at 2.30 pm at Kanchpur bridge Chittagong end (under abutment), Senpara, Sonargaon, Narayanganj. The Meeting was presided over by Mr. Md. Ashraful Alam, Superintending Engineer, Bridge Design Division, RHD. Among others Ms. Rowshanara Khanam, Superintending Engineer, Social and Environment Circle, RHD, Md. Rejaul Karim, Executive Engineer, Bridge Design Division, RHD, Dhaka, Mr. Yoshimitsu Hiyama, JICA expert, RHD, Mr. Joshio Kimura, Economist, JICA Study Team, Takeo SHOJI Japanese Environmental Specialist of the JICA Study Team, Md. Nahid Muniruddin, Natural Environmental Engineer (Local) and Kh. Khairul Matin Social Environmental Engineer (Local) JICA Study Team and more than 71 local people were present in the meeting (list of the participants attached in Appendix-A).

In the consultation meeting the RAP and EIA policy (mitigation measures of the project impacts) were disclosed to the affected people using flip chart. The affected people were informed about the meeting through publishing in the newspaper, personal contact from Union leaders verbally, announcement in the mosque, etc. The issues disclosed in the meeting were project components and revised alignment by which some people who were registered by previous census as affected people, become as not affected, cut off-date declared during the survey (informed as finally revised to 16th March from 08th 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.

Mr. Md. Ashraful Alam, Superintending Engineer welcomed all participants in the discussion session and described the project including its different components. It was disclosed that the Japan Bank for International Cooperation (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 08 March 2012. It was declared in the first stage consultation meeting.

- 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. Training on income generating activities for eligible members of vulnerable HHs
 - x. Owners will be allowed to take all salvaged materials free of cost
 - xi. Eligible affected persons will be preferentially employed in civil construction
- 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



Disclosure meeting at Kanchpur Bridge location

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; 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 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.

It is noted that most of the affected residents agreed with monetary compensation (self relocation)

Details of the questions and answers are presented below-

Category of Speakers (Male/Female)	Position	Sex	Comment/Question	Answer and Policy of Countermeasure
Md. Alauddin	Shop keeper	Male	Sand stake yard beside the bridge at Chittagong end where some laborers are working to load and unload the trucks. Whether they will get compensation/grants or not	There is no structure of the said business. They are not regular wage laborer. The sand businessmen will be given at least 6 months prior notice by the RHD not to stake the sand within the 30 meter area from the existing bridge. Shifting of sand stake yard will move the laborers to the new place of business. No compensation package will be offered to them
Ms. Chan Banu	Housewife	Female	Housing structure affected and enumerated. Urged about relocation site if possible as she has no alternative place of relocation.	The Executive Engineer (RHD): The project will be started probably in early 2014 and you have at least 18 months time in hand to be relocated. There is no enough land to arrange relocation site by the project. All of the affected households should think about alternative relocation site. From the project compensation for all of the affected properties will be paid that will be helpful to be self relocated. UP Member: Union Parishad has sent a list of the landless people to the Deputy Commissioner's office (Narayanganj) according to the requirements of the GOB for relocation in new site under GOB rule. Those who receive cash compensation from RHD may avail land with adequate cost. The site prepared by local government can be on the Char (sand bar) near to the site.
Ms. Begum	Housewife	Female	They have no alternative land for relocation. If there is any opportunity to allocate land to them for relocation, that will be helpful to them.	Same answer was given to her describing the land scarcity and entitlements of the resettlement plan as presented in the meeting
Md. Mozammel Hossain	House renter	Male	His hotel is affected where some laborers are working. He wants adequate compensation for business and laborers. If possible require relocation site for continuing hotel business	The hotel has been covered under inventory of assets. All of the wage laborers have been enlisted during survey. Household number has been pasted on the wall of structure and video filming has been done. Compensation will be paid according to the policy of the RAP. He is encouraged for self relocation in anywhere after getting compensation as there is no scope of relocation by the project.

The Meeting was closed with a vote of thanks from the Chair.