

Initial Environmental Examination

June 2023

Bangladesh: South Asia Subregional Economic Cooperation Dhaka-Northwest Corridor Road Project, Phase 2 - Tranche 3

Elenga – Hatikamrul Road

Volume 3 of 5, Appendixes H-N

Prepared by Roads and Highways Department, Government of Bangladesh for the
Asian Development Bank.

CURRENCY EQUIVALENTS

(As of 02 June 2023)

Currency unit – Bangladeshi Taka (Tk)

Tk 1.00 = \$ 0.0093

\$ 1.00 = Tk 107.50

ABBREVIATIONS

AADT	Annual Average Daily Traffic
AAQ	Ambient air quality
AAQM	Ambient air quality monitoring
ADB	Asian Development Bank
AH	Asian Highway
BCCSAP	Bangladesh Climate Change Strategy and Action Plan
BOD	Biochemical oxygen demand
BOQ	Bill of quantity
BUET	Bangladesh University of Engineering and Technology
CITES	Convention on International Trade of Endangered Species
COD	Chemical oxygen demand
CSC	Construction Supervision Consultant
DO	Dissolved oxygen
DPR	Detailed project report
EA	Executing Agency
ECC	Environmental Clearance Certificate
ECR	Environmental Conservation Rules
EHS	Environment Health and Safety
EMOP	Environment Monitoring Plan
EMP	Environment management plan
IEE	Initial Environment Examination
EHS	Environment Health and Safety
GHG	Greenhouse gas
GIS	Geographical information system
GOB	Government of Bangladesh
GRC	Grievance redress committee
GRM	Grievance redress mechanism
HFL	Highest flood level
IA	Implementing Agency
NOx	Oxides of nitrogen
PAP	Project Affected Persons
PCU	Passenger Car Units
PD	Project Director
PIU	Project Implementation Unit
PM	Particulate Matter
PPE	Personal protective equipment
PPTA RHD	Project Preparedness Technical Assistance Roads and Highways Department

RRTC	Road Research and Training Centre
SASEC	South Asia Subregional Corridor
SO ₂	Sulphur Dioxide
SPM	Suspended Particulate Matter
SPS	ADB Safeguard Policy Statement, 2009
TA	Technical assistance
TDS	Total dissolved solids
TSS	Total Suspended Solids

WEIGHTS AND MEASURES

dB(A)	–	A-weighted decibel
ha	–	hectare
km	–	kilometre
km ²	–	square kilometre
KWA	–	kilowatt ampere
Leq	–	equivalent continuous noise level
µg	–	microgram
m	–	meter
MW (megawatt)	–	megawatt
PM 2.5 or 10	–	Particulate Matter of 2.5 micron or 10-micron size

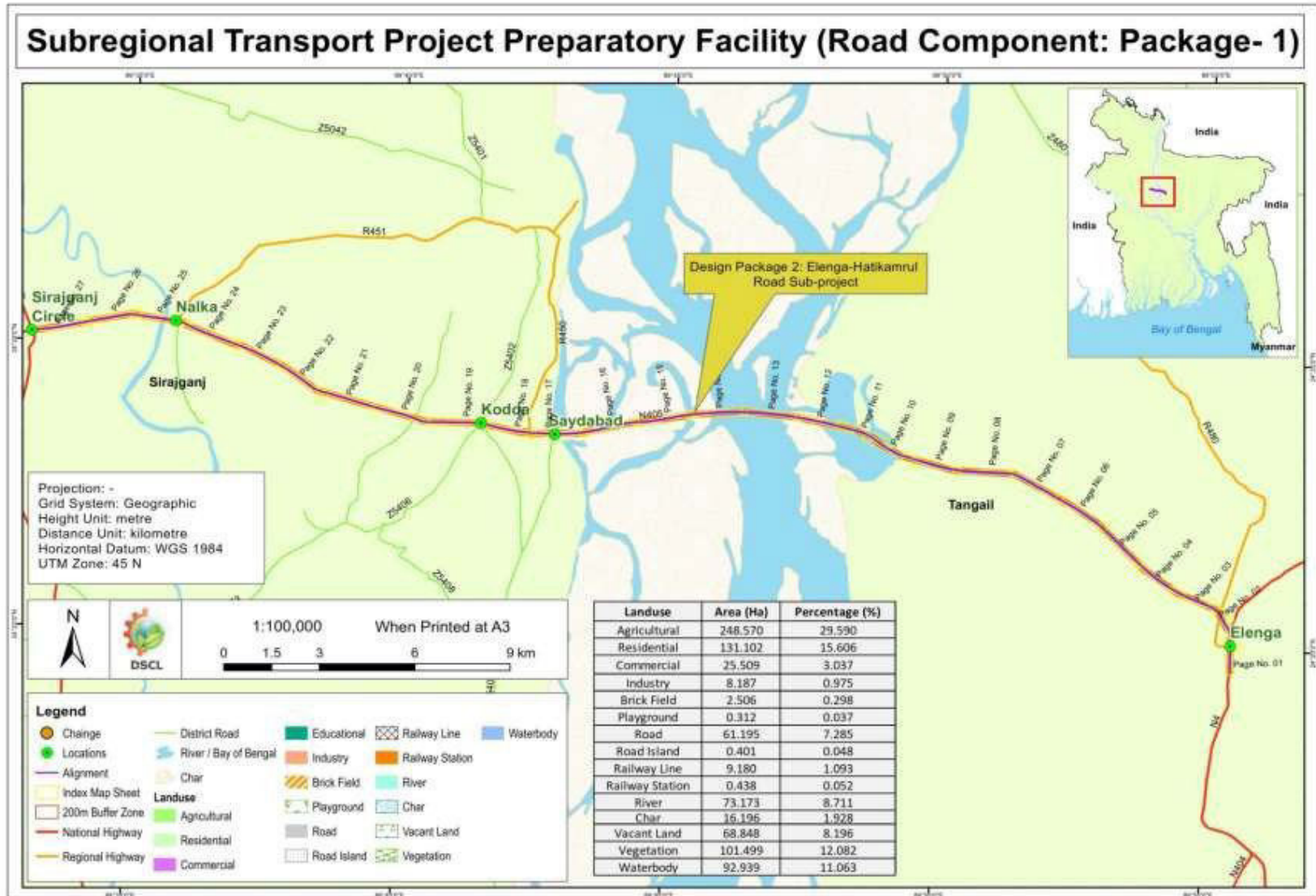
NOTE

In this report, "\$" refers to US dollars.

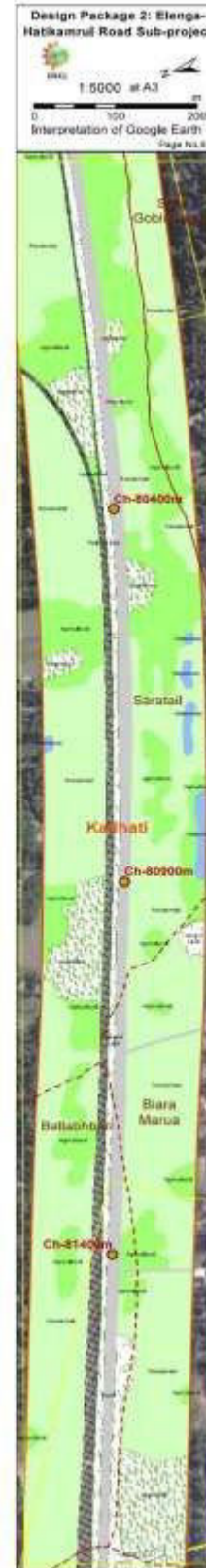
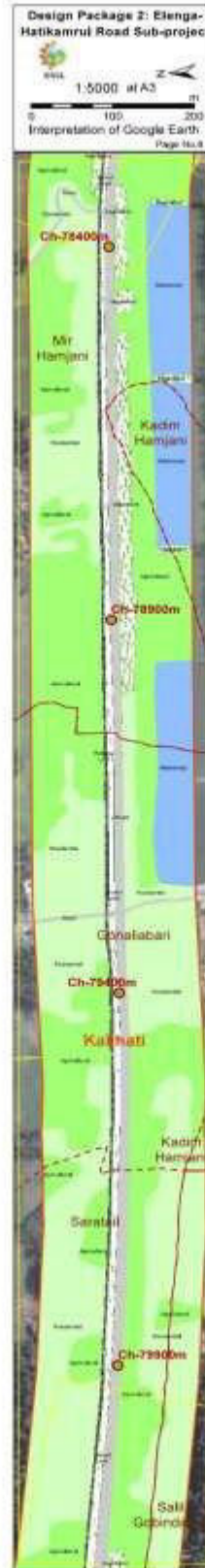
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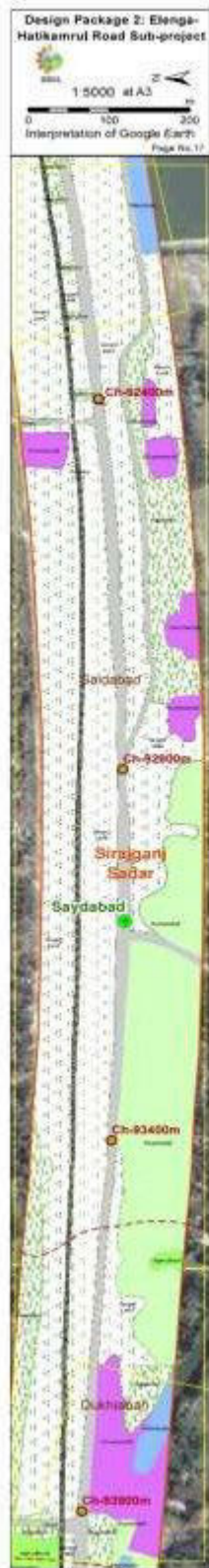
APPENDIX H: LAND USE OF THE PROJECT ROAD AREA

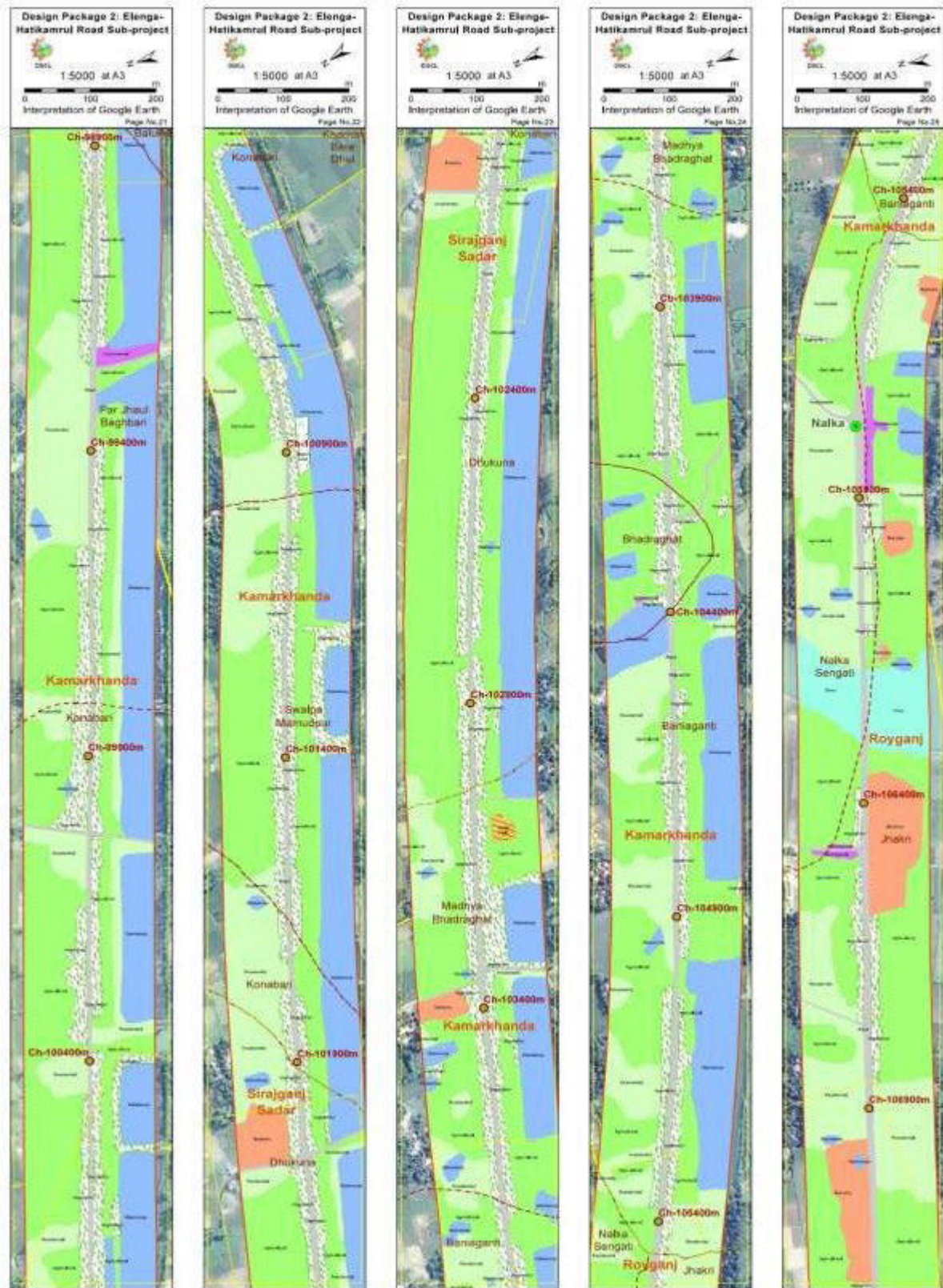














Appendix I: List of Trees Affected in the ROW

1. Tree assessment survey has been done in February-March 2014. According to the survey, total 31450 trees of different species and sizes standing on the private and government lands will be affected.

Table I-1. Number of affected trees remained on private (Non-Government) land

Local Name of the Trees	Type of Tree	Large	Medium	Small	Saplings	Total
Number of Trees Affected on Private Land (Non-Gov. Land)						
Peyara	Fruit	1	6	4	3	14
Narkel		4	5	2		11
Kodbel			1	2		3
Boroi		4	1	3		8
Sajina		2	7	4	2	15
Supari		5	4			9
Ata		1		4		5
Pepe		4				4
Total Fruits Trees		21	24	19	5	69
Jiga	Timber	2	14	12		28
Total Timber Trees		2	14	12	0	28
Kola		169	72	55	43	339
Bash		100	290	50		440
Grand Total		292	400	136	48	876

Table I-2. Number of affected trees remained on Government land (other than RHD)

Local Name of the Trees	Type of Tree	Large	Medium	Small	Saplings	Total	
Aam	Fruit	6	47	53	26	132	
Kathal		3	30	16	10	59	
Peyara		4	18	5	3	30	
Narkel		4	17	3	2	26	
Kodbel			1	1		2	
Kamrangga					2	2	
Jam				3	8	11	
Jambura					8	8	
Jujube				2	1	3	
Jolpai		1	2	4		7	
Sajina		1	3	3		7	
Supari		2	2	2		6	
Ata					1	1	
Khejur					2	2	
Litchu					6	1	
Palmyra					1	1	
Tetul				4		4	
Pepe		34	5			39	
Latim					4	4	
Amra		1	1		1	3	
Pomegranate					1	1	
Total Fruit Trees			56	135	121	43	355
Bunka		Timber		1	2		3
Mehogoni			3	6	24	425	458
Jiga				5			5

Local Name of the Trees	Type of Tree	Large	Medium	Small	Saplings	Total
Kadom				1		1
Eucalyptus		24	118	95	80	317
Pitahari		1	1			2
Akashmoni			5			5
Pitraj			3			3
Debdaru				4		4
Lombu					5	5
Total Timber Trees		28	139	126	510	803
Margosa	Medicinal			4		4
Arjun				1		1
Total Medicinal Trees				5		5
Kola		58	38	9		105
Bash			10	10		20
Grand Total		142	322	271	553	1288

Table I.3: List of affected trees standing on RHD Land

Name of the Tree	Large	Medium	Small	Saplings	Total
Mango	2	68	159	82	311
Jackfruit	35	103	166	46	350
Guava		20	30		50
Coconut	7	7			14
Wood Apple (Bel)	4	2	3		9
Blackberry (Kalo Jam)		5	167		172
Grape fruit (Batabilebu)			2		2
Jujube (Boroi)	15	63	49	71	198
Olive	3	4	25		32
Horseradish/ Drumstick (Sajina)	34	46	66		146
Betel nut (Supari)			20	15	35
Custard Apple	2	4	10		16
Date palm	7	9	138	6	160
Litchi		5	3		8
Plum (Tal)		2	549	440	991
Tamarind		2	1		3
Total Fruit Trees	109	340	1388	660	2497
Timber Trees					
Mehuguni	427	1833	4437	239	6936
Koroy	113	53	99	10	275
Shimul	2	10	27		39
Kadom			23		23
Eukaliptash	84	143	327	480	1034
Pitahara	40	63	2		105
Akashmoni	1343	2154	7457	1074	12028
Rain Tree	244	1140	1716	150	3250
Shisu	204	186	235		625
Paikor	16	12	9		37
Banyan Tree	11	15	24	1	51
Babla	6	41	233	24	304
Krisnachura	2				2
Pitraj			5		5
Devdaru		10		10	20
Lombu			4		4

Name of the Tree	Large	Medium	Small	Saplings	Total
Gamari			78		78
Total Timber Trees	2492	5660	14676	1988	24816
Medicinal trees					
Margosa (Nim)Tree	11	58	380	8	457
Arjun	15	128	392	15	550
Total	26	186	772	23	1007
Banana and Bamboo Trees					
Banana	121	48	20	25	214
Bamboo	250	362	120	20	752
Total	371	410	140	45	966

Table I-4: Summary of affected trees in terms of ownership and types of trees

Ownership	Large	Medium	Small	Saplings	Total
On Private land	292	400	136	48	876
On Gov. land (Other than RHD land)	142	322	271	553	1288
On RHD land	2998	6596	16976	2716	29286
Grand Total	3432	7318	17383	3317	31450
Timber= 25647, Fruit= 2921, Medicinal= 1012, Banana= 658, and Bamboo= 1212					

APPENDIX J: TREE PLANTATION PLAN

A. Objectives

1. The objective of the tree plantation program is to compensate for the loss of trees due to the implementation of the Elenga-Hatikamrul road subproject. Other major objectives of the program are to protect the affected cultural/sensitive areas (<25m from the ROW boundary) and to enhance the health of the existing ecosystem.

2. Approximately 31,450 nos. of various trees of different sizes will be cut down due to preparing of project sites. The proposed Tree Plantation Plan (TPP) will plant a total number of **62,900** tree saplings.

3. The following areas have been identified for development of plantation sites in the project areas. However, the required space for tree plantation will cover from the road embankment but the open space of private land under social forestry category has been taken into consideration for tree plantation in any case. The tree plantation program will be carried out along the road embankment but there are many urban areas and market places. In that case the private land near these places will be considered for tree plantation.

- Both side slopes of the developed Elenga-Hatikamrul road embankment;
- Open places of private land along the Elenga-Hatikamrul road under social forestry; and
- Along the affected cultural/sensitive areas.

B. Selection of Tree Species

4. The species for the proposed tree plantation have been selected based on the statistics of the lost vegetation and suitability for the intended purpose. The main consideration for selection of species for the Elenga-Hatikamrul road has been on protection of the road embankment from erosion and habitat for biotic species, improved aesthetics and ecological conservation as well as commercial benefits. Accordingly, the list of tree species proposed to be planted on the slope of road embankment, but not limited to, are the following:

- Timber Trees: Garjan (*Dipterocarpus turbinatus*), Shal (*Shorea robusta*), Shilkoroi (*Albizia procera*), Akasmoni (*Acacia auriculiformis*), Kat badam (*Terminalia catappa*), mehogani (*Swietenia mahagoni*), Raintree (*Samanea saman*) etc.
- Fruit Trees: Date Tree (*Phoenix sylvestris*), Black berry (*Syzygium cumini*), Olive (*Elaeocarpus floribundus*), Palm tree (*Borassus flabelliformis*), Mango (*Mangifera indica*), Jackfruit (*Artocarpus heterophyllus*) etc.
- Fuel Trees: Epil–epil (*Leucaena leucocephala*), Raintree (*Samanea saman*), Krishnochura (*Delonix regia*) etc.
- Medicinal Trees: Neem (*Azadirachta indica*), Arjun (*Terminalia arjuna*), Bohera (*Terminalia belliricha*), Bel (*Aegle marmelos*) etc.

5. The species of tree under the social forestry will be selected after the consultation with the land owner.

C. Tree Plantation Regime

6. According to the prevailing practice in Bangladesh, the FD has recommended to plant minimum of 2 trees for each tree felled for the implementation of the project. Total available space for the tree plantation on the side slopes of road embankment is 2,86,000 m² (1,90,000 m² on the left side and 96,000 m² on the right side).

7. Under the proposed tree plantation plan:
- fruit tree species will cover 40% of the total area;
 - timber tree species will cover 30% of the total area;
 - medicine tree species will cover 20% of the total area and
 - fuel tree species will cover the rest 10% of the total area.

8. The estimated land area under each category of trees and the number of trees are given in Table J-1.

Table J-1: Number of Trees

Tree species	Spacing of Tree Species (m) (center to center)	No. of Trees	Total Area (m ²)
Fruit (40%)	2.0	25,160	114,400
Timber (30%)	2.0	18,870	85,800
Medicine (20%)	2.0	12,580	57,200
Fuel (10%)	2.0	6,290	28,600
Total		62,900	286,000

D. Institutional Arrangements

9. The Forest Department (FD) is generally responsible for plantation of all government owned sites. It is a common practice in Bangladesh that the Forest Department performs the task by themselves. However, the FD will encourage the involvement of PAPs, especially vulnerable poor and women, in the plantation program. The Forest Department will provide all technical and other supports in planning and developing the plantations.

10. Nurseries of the FD along the Elenga-Hatikamrul road districts can be used for raising the suitable saplings of the tree species for the project areas as mentioned above. There are a number of private sector nurseries in the project districts which may also be contacted for raising saplings. The Forest Department will also assist the PAP in developing the tree plantation surrounding their housing space in all possible ways. The Environmental Officer of Project Implementation Unit (PIU), RHD will be responsible for overall coordination (with the FD, PAPs, and women), implementation and supervision of the program. It is recommended that RHD should start dialogue with the Forest Department for the tree plantation development program in the construction stage, so that setting up of nurseries for trees can be done in the operation stage of the project.

11. The tasks of the FD are as follows:
- Training of the local people particularly the PAPs on tree plantation and maintenance;
 - Preparation of the tree plantation programs in accordance with this plan and get them approved by the Forest Department and PIU under RHD;

- Development of nurseries for raising seedlings;
- Procurement of seedlings of approved species and / or FD nurseries;
- Plantation of seedlings after preparation of the land with fertilizers and installing fences for the protection of saplings;
- Maintenance of the saplings by employing adequate number of the trained PAPs;
- Distribution of saplings among the PAPs settled in and outside of the RA;
- Assist Forest Department and PIU-EMU in procurement and distribution of saplings and other inputs to the PAPs and conduct sample trace studies on the effectiveness of the program in plantation.

E. Budget

12. The budget for the proposed tree plantation development plan is given in Table J-2. The budget also includes maintenance for first five years of plantation to ensure that all planted saplings will survive and provision for an additional plantation. The plantation on the slopes of road embankment, and along the affected cultural/sensitive areas will be taken up after completion of construction work. The budget also includes procurement and development of all facilities required to establish a nursery such as, collection of suitable soils, decomposing cow dung, procurement of fertilizers etc. The budget also includes measures required for maintenance of plantation, such as watering, weeding, fertilizer application, replacing of dead saplings (if any) etc. for first five years. Total approx. budget for tree plantation is **BDT 1.95 Million**.

Table J-2: Cost estimates for the tree plantation plan

Tree Plantation Area	Unit	Rate (BDT)	Quantity	Amount (BDT)
Both sides' slope of Elenga-Hatikamrul four lane road	Nos.	100	62,900	62,90,000.00
Maintenance of replanted trees (three years)	Nos.	200	62,900	1,25,80,000.00
Provision of additional 10% tree plantation (in case of dead)	Nos.	100	62,900	6,29,000.00
Total in BDT				1,94,99,000.00

APPENDIX K: LIST OF PARTICIPANTS FOR FGDS

TECHNICAL ASSISTANCE FOR SUBREGIONAL ROAD TRANSPORT PROJECT
PREPARATORY FACILITY (Elenga to Hatikamrul and Hatikamrul to Rangpur Road Sections)

Focus Group Discussions (FGDs)

List of Participants

Focus Group No. 05 Date 22/03/17 Time 3:00 PM
 Location: Hatikamrul, Singrajanj Road, Singrajanj
 GPS: N 24.41952° E 89.55310°

Sl No.	Name	Age	Occupation	Telephone No.	Signature
01	Md. Feroz Kamal	33	Business	01759176980	
02	Md. Abdus Razzak	32	Business	01719985872	
03	Md. Abdul Kuddus	40	Agriculture	-	-
04	Md. Abdul Malek	50	-	01938705742	
05	M. Sultana Begum	30	Housewife	-	
06	Sapla Khatun	30	Housewife	01965796431	
07	Moneasa Khatun	32	Housewife	-	
08	Sefalr Khatun	32	Housewife	-	
09	Hena Khatun	36	Housewife	-	
10	Selima Hullah	30	Member (ward-3)	01719753570	
11	Sabuj	19	student	01799658822	
12	Nargis Khatun	42	Housewife	-	
13	Md. Ceidur Mahonon	32	Business	01939795195	
14	Md. Abdul Sattar	52	Business	01759110053	
15	Md. Muslim Uddin	45	Business	01779215109	

FGD Completed By: MASPIQ BASHIR

Signature:
22/03/17

TECHNICAL ASSISTANCE FOR SUBREGIONAL ROAD TRANSPORT PROJECT
PREPARATORY FACILITY (Elenga to Hatikamrul and Hatikamrul to Rangpur Road Sections)

Focus Group Discussions (FGDs)

List of Participants

Focus Group No. 06 Date 22/03/12 Time 09:00 PM
Location: Koodar Hare, Sidjgang Road, Sidjgang
GPS: N 24.29536° E 89.69181°

Sl No.	Name	Age	Occupation	Telephone No.	Signature
01.	Md. Nazzul Islam	30	Driver	01770576026	
02.	Md. Anis Hossain	40	Driver	01782050513	Anis Ho:
03.	Md. Samiul Islam	40	Driver	01866818340	
04.	Md. Sumar	22	Driver	01948974516	
05.	Md. Abdur Razzak	38	Driver	01739765355	
06.	Md. Abdul Haamid	45	Driver	01710901796	
07.	Md. Omar Fakhir	23	Driver	01766624889	
08.	Md. Alhas Sahaluddin	44	Driver	01771181151	M. Alhas Sahaluddin
09.	Md. Nirehas Ahamed	18	Driver	01767042981	
10.	Md. Abu Hasem	24	Driver	01916595143	
11.	Md. Nur Nabi Sheikh	33	Driver	01708733450	
12.	Md. Shahidul Islam	19	Driver	01792360397	
13.	Md. Jakaria	36	Business	01730617087	
14.	Md. Al Arif	22	Driver	01937036253	
15.	Md. Romjan Ali	28	Driver	01737484515	

FGD Completed By: MASTIQ BASHIR

Signature: Mastiq Bashir
22/03/12

TECHNICAL ASSISTANCE FOR SUBREGIONAL ROAD TRANSPORT PROJECT
PREPARATORY FACILITY (Elenga to Hatikamrul and Hatikamrul to Rangpur Road Sections)
Focus Group Discussions (FGDs)

List of Participants

Focus Group No. 07 Date 22/09/2017 Time 05:00PM
 Location: Elenga By-pass More, Tangail
 GPS: N 24.33969° E 89.92486°

Sl No.	Name	Age	Occupation	Telephone No.	Signature
01.	Md. Shafiqul Islam Mollah	30	Business	01715245334	
02.	Md. Rubim	32	Driver	01747757714	
03.	Md. Hossain Masud	37	Business	01764266299	
04.	Md. Kasim Uddin	32	Driver	01728011751	
05.	Md. Sultan Mia	42	Labour	01767593266	
06.	Md. Musul Islam	58	Business	01716475791	
07.	Md. Eliash Khan	37	Driver	01924153584	
08.	Md. Adam Ali Mollah	58	Doctor	01745424670	
09.	Md. Delwar	23	Driver	01944427710	
10.	Sulhan Chandro Shil	31	Salon	01732102961	
11.	Md. Md. Abul Kalam	60	-	-	-
12.	Md. Abdul Kader	30	Driver	01786042155	-
13.	Md. Sagor Chowdhury	27	Business	01727189658	
14.	Md. Wajed	45	Labour	-	-
15.	Rasidul Islam Nohid	17	Student	01777486854	

FGD Completed By: MASFIQ BASHIR
Musfiq Bashir
 Signature: 22/09/17

Focus Group Discussions (FGDs)**List of Participants**

Focused Group 01 Date & Time 10-05-2013, 10:15 AM
 Location 82+650

Sl No.	Name	Address	Occupation	Telephone No.	Signature
1	Md. Mizanur Rehman		Bus	01835-96112	mizan
2	Obaydul Islam Babu		Contractor	01739-534868	BABU
3	Md. Salim Raza		Driver	01837-260990	salim
4	Md. Solaman		Dokani		solaman
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Focus Group Discussions (FGDs)**List of Participants**

Focused Group 02 Date & Time 10-05-2013, 1:10 PM
 Location 33+300

Sl No.	Name	Address	Occupation	Telephone No.	Signature
1	Md. Salman Ali	New Saydabad, Sirajganj	Dokani	01743-904418	সালমান
2	Md. Altab Hossain	Paik Para, Sirajganj		01754-765715	আলতাভ
3	Md. Foridul Islam	Amsona, Saydabad, Sirajganj	Vudvadi Driver	01761-883639	ফরিদুল ইসলাম
4	Md. Abu Shama,	Mohonpur, Saydabad Sirajganj.	Motor labor.	01734-381832	আবু শামা
5	Md. Abdul Mannan,	New Saydabad Sirajganj.	Farmer,	01820-512847	আব্দুল মান্নান
6	Md. Esmail Hossain.	Sayda bad Sirajganj.	C.H. in Driver	01710-133032	ইসমাইল হোসেন
7	Md. Nidan Ali Shak.	Mohonpur, Saydabad Sirajganj.	Dokani	01915-914416	নিধান আলী শাহ
8	Md. obaydul Islam	New saydabad, Sirajganj.	Tea Steal	01760-423673	আবু আব্দুল ইসলাম
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Focus Group Discussions (FGDs)**List of Participants**

Focused Group 03 Date & Time 10-05-2013, 3:45 AM
 Location 95+690 (Kadia more)

Sl No.	Name	Address	Occupation	Telephone No.	Signature
1	Md. Mohabbot Alam	Kader Mone Sirajganj	Business	01913-273609	
2	Md. Moniruzzaman	Ponabari, Sirajganj	service	01949-633023	
3	Md. Anwar Hasan	Sadanandapur Sirajganj	service	01716-575999	
4	Md. Abu Sayed	DO	College teacher	01716-330816	
5	Md. Md. Ganur Rahman	DO	Business	01921-217996	
6	Md. Mofalab Hosain	Kader Mone Sirajganj	service	01716-454229	
7	Md. Abdul Kalam AS.	Konagati, Sirajganj	Business	01712-169091	
8	Md. Abdul Momin	Nandina medu Sirajganj	Emmam	01922-001389	
9	Md. Abdul Barik	Chala stabelpur, Sirajganj	Farmer		
10	Md. Khobiruddin Sarkar	Konagati Sirajganj	P. teacher	01960-167646	
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Focus Group Discussions (FGDs)**List of Participants**

Focused Group 04 Date & Time 11.05.13, 11:45 AM
 Location 100+180 (Konabari)

SI No.	Name	Address	Occupation	Telephone No.	Signature
* 1	Md. Kamrul Islam	Konabari Kamarbando, Sir	service	01937-971725	
2	Md. Jaynal Abedin	Khamarbandu Kamarbando	Bus	01773581240	
3	Md. Siddul Islam	Konabari Kamarbando	tea stall		
4	Md. Badse Shak.	Konabari Kamarbando, Sirasganj	Dokari	01917-237093	
* 5	Md. Jahangir Alam	Konabari Kamarbando	Emman	01753-592097	
6	Md. Miraj Hossain	Konabari Kamarbando	student	01914-21238	
7	Md. Abu Hasan Holik	Konabari Kamarbando	Dokari	01945-813967	
8	Md. Seful Islam	Konabari Kamarbando	ob. L.C.P.L	01914-21238	
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Focus Group Discussions (FGDs)**List of Participants**

Focused Group 05 Date & Time 11.05.13 (3'30)
 Location 105+900 (Nalka)

SI No.	Name	Address	Occupation	Telephone No.	Signature
1	Md. Jahadul Islam	Maddo vadrogata Kamar Khando.	Service	01719-617522	Jahad
2	Md. Monjur Rahman	Nalka, Salanga, Sirajganj	Service	01713-731581	MONJUR
3	Md. Hasen Ali	Maddo vadrogata Kamar Khando	Farmer	01916-995953	Hasen
4	Md. Nazrul Islam	DO	Business	01672-341569	Nazrul
5	Md. Ranjita Miya	Nalka, Salanga, Sirajganj	Mob. Serv.	01682-55726	Ranjita
6	Md. Esmail Hossan	Maddo vadrogata Kamar Khando	Business	01739-825770	Esmail
7	Md. Golam Motofa	Nalka, Salanga Sirajganj	Business	01712-229107	Motofa
8	Md. Kholilur Rahman	Nalka, Salanga Sirajganj	Farmer	01674-208632	Kholilur
9	Md. Lokonan Hossan	Maddo vadrogata Kamar Khando	Farmer	01734-457471	Lokonan
10	Md. Asraful Islam	Maddo vadrogata	Service	01724-862486	Asraful
11					
12					
13					
14					
15					
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18					
19					
20					

Highlights of the FGD with Women Workers in WP-06 Base Camp by the PIC Social Development Team (SSDS and SDS) on 23 March 2023 at 11:00 AM.

Project	: SASEC Road Connectivity Project-2 (Improvement of Elenga-Hatikamrul-Rangpur Road to a 4 Lane Highway)
Agenda/ Purpose	: FGD with Women Workers in WP-06 Base Camp by PIC SSDS and SDS to explain about the Core Labor Standards, and How to Report Incidents; gender issues including STD, HIV/AIDS, COVID-19 and human trafficking prevention
Date and Time	: 23 March 2023 at 10:00 pm
Venue	: Contractor's Office, WP-06
Total No. of Participants:	7 females (1 male - HSE Officer)

Highlights of the FGD

1. The purpose of the FGD was explained by the Social Development Team (SSDS and SDS). The Contractor's HSE Officer also joined the FGD with the women workers, who was responsible for getting the attendance sheet. The women workers were hired by the contractors since the project commenced in 2019. They performed tasks such as gardening and maintaining plants, cleaning the base camp which is huge or spacious, assist in cooking, and other unskilled jobs assigned by the contractor at the base camp.
2. SD team (SSDS/ SDS) re-oriented the workers on the Core Labor Standards (CLS) and how to report incidents (an indicator included in the GAP) such as equal pay for equal work for the same value/ type of jobs, no child labor, no forced labor, no discrimination, and freedom of association/ collective bargaining. Should they have complaints, they could report to the Contractor's HSE Officer, PIC RE, and BBA representative. Hotline/ telephone number was also mentioned.
3. The women mentioned that they are happy working as they have jobs and salary which is very important for their household members' basic needs (foods, medical needs, education of children, payment of loans, and others). Their residence is walking distance from the base camp, and they go home daily after working hours at 5:00 pm. They are satisfied with their salary, and so far they have not experienced any discrimination. Their salary is the same as the male workers for the same value or type of jobs.
4. The workers were also re-oriented on health and safety such as proper wearing of PPE, STD, HIV/AIDS, COVID-19 and human trafficking prevention; road safety and GRM. Copy of the flyer was shared to the HSE Officer (Bangla) for distribution to the participants, and other workers at the base camp.
5. After the FGD for 30 minutes only, the workers resumed their work and was observed by the PIC SSDS/ SDS and ES.

Photo Documentation and Attendance Sheet



FGD with women workers at the Base Camp, WP-06 on 23 March 2023.

FGD attendace sheet

WP-06



KCI-Gauff-Chodai-Soosung-LASA JV

SASEC II Project Implementation Consultants

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 Dhaka Office: House No.27, Road No.14, Block G, Niketan, Gulshan 1, Dhaka, Bangladesh
 Tel. +8802222296599, +8802222294598 E-mail: ho.sasec2.pic@gmail.com

MEETING ATTENDANCE SHEET

SASEC Road Connectivity Project-II
 Improvement of Elienga-Hatikamrul-Rangpur Road to a 4-Lane Highway
 Address: H-27, R-14, Block-G, Niketan, Gulshan-1, Dhaka.

Meeting Subject: FGID for Women Workers on HW/AIDS, AT, PSE
 Date: 23-03-2023 Time: 10:30 Am
 Venue: SASEC 2, wp-06 stage gang, GPP

Sl. No.	Name	Designation	Organization	Contact No. and Email	Signature with Date
01	Miss. Labona	Cleaner	HEGO-MTR AKATER JV		[Signature]
02	Miss. Monshada	4	"		[Signature]
03	Miss. Nurjahan	4	"		[Signature]
04	Miss. Rezia Parvin	4			[Signature]
05	Miss. Kamola Begum	4			[Signature]
06	Md. mosaffiq Rahman	HSE Officer	4	01916276517 mosaffiqrahman1582@gmail.com	[Signature]

APPENDIX L: PUBLIC CONSULTATIONS and MEETING MINUTES

**PUBLIC CONSULTATION NO-
1SITE: KODDAR MOOR
DATE: 18th FEBRUARY
2014 TIME: 04.00 PM TO
05.15 PM.**

A. Outcome of the Public Consultation

1. A consultation meeting was held during 04:00 PM to 05:15 PM on 18th February 2014 at Koddar Moor, Sirajganj. The Consultation meeting was arranged by the environment and social team to inform the potential affected people about goals and objective of the project, probable timeline of starting civil construction, roles and responsibilities of the project authority and affected people/stakeholders, probable impacts and mitigation measures. The local people (48, all male) including representative of the Koddar Moor Bazar Committee, local residence, businessmen and potential affected people were present in the meeting. Mr. Samar Prashad Das, Sociologist/Resettlement Specialist, Mr. Raisin Akhter Feroz, Jr. Environmental Specialist, and other representatives from sub-consultant facilitated the consultation meeting.
2. Mr. Samar Das delivered inaugural speech and described the project components, timeline, necessity of the project, etc. He also briefed the participants in a nutshell about importance of the consultation meeting to ensure participation of the local people in project process. Then the community representatives also introduced themselves.
3. Mr. Raisin Akhter Feroz, Jr. Environmental Specialist described the environmental issues of the project. He pointed out that each development project causes environmental hazards such as dust, noise, water and so on. This project will have some activities which may create environmental hazard. We have to ensure some environmental hazard mitigation measures. If these are neglected, then the nation would face long term adverse impact.
4. In consultation meeting, environmental and social issues were examined. The main focus was to dig out information on how does indiscriminate use of natural resources cause poverty and environmental degradation by declining the homestead forests, depleting biodiversity and decreasing livelihood of people. The issue on potential impact of construction works has also been raised.
5. The floor was open for the question answer session and the participants were encouraged to raise question if they have. The local representatives then asked their questions about the issue.
6. The local people gave some important advice. They said that government lands have to be cleared from encroachers to make sure proper use of the land. Without a flyover, four lanes will not serve the purpose at Koddar Moor as vendors will start another market on the road. The project has to ensure dividers to prevent accidents. There should be a foot over bridge at Koddar Moor as this is a commercial area and people are crossing this road all the time. The road should have provision of drainage system in both sides to keep the bazar free from water logging. In their opinion they were surprised that Bangladesh has many environmental laws and regulations but their implementation is not satisfactory. They urged the project authority to follow and implement all rules to protect the environment particularly for the project.

7. From the consultation meeting it is evident that not much people have knowledge and idea about noise pollution. Most of them are willing to tolerate noise pollution to some extent. No major impact will take place due to the project. Most of the people argued that they are willing to endure the negative impact to some extent for the sake of project which they believe will improve their livelihood. Nonetheless, they will accept eviction if the government takes appropriate mitigation measure.

8. Another problem the stakeholders raised is air pollution during the construction work. Some of them suggested that spraying of water can minimize the dust pollution. To minimize water pollution, they expect necessary measure will be taken during construction work.

B. Suggestions:

- Rehabilitation should be in an appropriate way with decent compensation.
- Effective measure should be taken to minimize the adverse impact of road construction.
- Drainage system should be developed to prevent water logging in that urban area.
- There should be effective mitigation measures to reduce noise pollution. Treeplantation and construction of noise protection walls is suggested.
- Water could be sprayed at the construction site to reduce dust, particularly during the construction phase.

PUBLIC CONSULTATION NO- 2
SITE: PASLIYA GOVERNMENT PRIMARY
SCHOOLDATE: 19th FEBRUARY 2014
TIME: 10:00 AM TO 11:30 AM

A. Outcome of the Public Consultation

1. A consultation meeting was held during 10.00 AM to 11.30 AM on 18 February 2014 at Pasliya Govt. Primary School. The Consultation meeting was arranged by the environment and social team to inform potential affected people about goals and objective of the project, probable timeline of starting civil construction, roles and responsibilities of the project authority and affected people/stakeholders, probable impacts and mitigation measures. The local residents, businessmen, female day laborers and potential affected people (Total of 108, all male) were present in the meeting. Mr. Samar Pashad Das, Sociologist/Resettlement Specialist, Mr. Raisin Akhter Feroz, Jr. Environmental Specialist, and Md. Zahurul Islam, Field Coordinator (Sub-consultant) facilitated the consultation meeting.

2. Mr. Samar Das delivered inaugural speech and described the project components, timeline, necessity of the project, etc. Md. Zahurul Islam briefed the participants in a nutshell about importance of the consultation meeting to ensure participation of the local people in project process. He gave a brief team introduction of the KMC and SMEC team correspondents. Then the community representatives also introduced themselves.

3. Mr. Raisin Akhter Feroz, Jr. Environmental Specialist described the environmental issues of the project. He pointed out that for each development projects causes environmental hazards such as dust, noise and so on. This project will have some activities which may create environmental hazard. We have to ensure some environmental hazard mitigation measures. If these are neglected then the nation would face long term adverse impact.

4. The floor was open for the question answer session and the participants were encouraged to raise question if they have. The local representatives then asked their questions about the issue.

5. The local people suggested, as the expansion of roads will be done near my school, so Highway will come closer to my school. So it will get risky for my students because they cross this road to come to school from the other side. So, if the project constructs one foot over bridge near the school it will be better to avoid accidents.

B. Suggestions:

- As most of the people engaged in business at the roadsides so rehabilitation program should consider appropriate measure.
- To minimize the impact on cultural (mosque) sites and business places try to change the design of the proposed alignment.
- To mitigate the noise and air pollution improved technology should be used during construction.
- Local employment need to be created during the construction phase.
- There should be acceptable and effective mitigation measures to reduce noise and dust pollution.

Work package 202

Roads and Highways Department Page-1

Date: 18.2.19

Consultation meeting

Time: 10 AM

Place: Pasliya Conf. primary school.

क्र.सं.	नाम	सिवांग नाम	पता	फोन नं.	संकेत
1.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	01722042832	-
2.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	-	राजेश कुमार
3.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	01789493135	राजेश कुमार
4.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	01289494298	राजेश कुमार
5.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	01235428440	राजेश कुमार
6.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	01239821542	राजेश कुमार
7.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	1786-827958	राजेश कुमार
8.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	03960388600	राजेश कुमार
9.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	01715419805	राजेश कुमार
10.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	01734-60154	राजेश कुमार
11.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	02625792688	राजेश कुमार
12.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	01738-205456	राजेश कुमार
13.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	01725-40545	राजेश कुमार
14.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	01790-273636	राजेश कुमार
15.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	0171439610	राजेश कुमार
16.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	01765-00277	राजेश कुमार
17.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	02908000000	राजेश कुमार
18.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	02066042000	राजेश कुमार
19.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	01919964323	राजेश कुमार
20.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	02960080820	राजेश कुमार
21.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	02920230000	राजेश कुमार
22.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	03906992962	राजेश कुमार
23.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	02920002874	राजेश कुमार
24.	श्री. सुदीप कुमार	राजेश कुमार	राजेश कुमार	02900000000	राजेश कुमार

Public works
Consultation meeting

page-2

Sl. No.	Name	Address	Phone	Mobile No.	Signature
26	Dr. S. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	0124-896930	S. S. S.
27	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01228 989419	Dr. S. S. S.
28	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01253 483532	Dr. S. S. S.
29	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01712 806080	Dr. S. S. S.
30	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01757 906649	Dr. S. S. S.
31	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	0096 622 222	Dr. S. S. S.
32	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01283 622 301	Dr. S. S. S.
33	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	-	Dr. S. S. S.
34	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	-	Dr. S. S. S.
35	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01205 245142	Dr. S. S. S.
36	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	0126210 7663	Dr. S. S. S.
37	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01225 245141	Dr. S. S. S.
38	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	0 -	Dr. S. S. S.
39	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01230961505	Dr. S. S. S.
40	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01218-324548	Dr. S. S. S.
41	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01212-362200	Dr. S. S. S.
42	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01937-323912	Dr. S. S. S.
43	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01299-020915	Dr. S. S. S.
44	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01712-55517	Dr. S. S. S.
45	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01712-204811	Dr. S. S. S.
46	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	0172096619	Dr. S. S. S.
47	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	09659514	Dr. S. S. S.
48	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01791698655	Dr. S. S. S.
49	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	0226624000	Dr. S. S. S.
50	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	01729629165	Dr. S. S. S.
51	Dr. S. S. S. S. S.	Dr. S. S. S. S. S.	Dr. S. S. S.	0298220000	Dr. S. S. S.

Minutes of the Consultation Meeting with BBA, PIC and Contractor on 23 March 2023 in WP 05

Project	: SASEC Road Connectivity Project-2(Improvement of Elenga-Hatikamrul-Rangpur Road to a 4 Lane Highway)
Agenda/ Purpose	: Meeting with BBA, PIC and Contractor on Environmental Safeguards, GAP Implementation, and other Social Development/ GAP activities
Date and Time	: 23 March 2023 at 4:00pm
Venue	: Contractor's Office, WP-05
Total No. of Participants:	9 (2 females)
Discussion Points :	<p>1. The DPM/ BBA presided over the meeting. He started by requesting the participants in the meeting from the PIC and Contractor to introduce themselves and state the designation. He welcomed the participants.</p> <p>The purpose of the meeting was explained by the PIC safeguards and social development (SD) team (SSDS, SDS and ES). The team explained that the proposed Training on Environmental and Social Safeguards, Road Safety, Core Labor Standards; STD, and HIV/AIDS, COVID-19 and Human Trafficking Prevention for the RHD/BBA, PIC and Contractor will be conducted for WP 05, supposedly in April 2023. Due to Ramadan and Eid-ul-Fitr in April 2-23, they suggested that the training be conducted in month of May 2023. PIC safeguards and SD team also explained briefly the ADB/RHD requirements for the Contractor to comply as stated in the contracts/ bid documents (including the submission of the CEMP, Tree Plantation Plan, key deliverables in the Gender Action Plan, and other safeguards/gender related deliverables).</p> <p>2. BBM DPM suggested that the training be held at the newly constructed meeting room at the base camp in WP 05. PIC safeguards and social development (SD) team suggested mentioned that the training will be held for half-day (equivalent to 4 hrs). The said training is designed for a 1 whole-day training (8 hrs) similar to the previous training conducted by PIC for WPs 06 to 12 in April 2019 and September 2019. However, due to hectic schedules of the participants (BBA, PIC and Contractor's representatives), the training will be shortened to half day. There will be follow-up trainings (hands-on with actual demonstration/ mentoring for the Contractor's team at the site, during the environmental safeguards and GAP implementation/ monitoring.</p> <p>3. PIC safeguards and SD team also explained that there are activities that need to be carried out under the GAP such as (a) training for the drivers on road safety, (b) STD, HIV/AIDS awareness for the workers; (iii) human trafficking prevention signages; (iv) community awareness on STD/HIV/AIDS in upazilas located along the SASEC 2 road corridor; (v) schools' road safety awareness, and other activities at the site.</p> <p>4. SD team (SSDS/SDS) explained the GAP targets, indicators and activities. Contractors were reminded to strictly comply in a timely manner relevant activities/ target indicators in the GAP (i.e., at least 15% women participation in civil works, 40% women in tree plantation, all workers to participate in awareness campaign on STD, HIV/AIDS prevention; training for drivers; community and schools' road safety awareness, and others); and required environmental safeguards at work site such as wearing of complete personal protective equipment (PPE), mitigation measures for dust, noise, etc. to address other environmental concerns; all workers should attend STD, HIV/AIDS and human trafficking awareness, core labor standards, and other related trainings that will be conducted by PIC SSDS/SDS in the future; and other activities/ deliverables by the Contractor.</p>

5. BBA DPM, PIC RS and Contractor's PM were provided a copy of the GAP, monitoring template for sex-disaggregated workers (skilled and unskilled), and flyer on CLS, STD, HIV/AIDS, and environmental safeguards related information.

6. Contractor was reminded to hire more women workers (skilled and unskilled) during civil works (at least 15%) and to hire women workers more than 90% of the workers in tree plantation. PIC ES and SSDS/SDS reminded the Contractors that the performance of the Contractor as regards compliance of the safeguards, GAP and other deliverables as per contract will be strictly monitored.

7. PIC ES reminded the Contractor to submit the Construction Environmental Management Plan (C-EMP) as soon as possible; tree plantation plan and other required documents. BBA DPM requested the Contractor PM to hasten the submission of the required documents and for their team to attend the Training on Safeguards, gender, CLS, etc. To be conducted by PIC SSDS/SDS and ES in May 2023.

8. PIC's ES reminded the Contractor to hire Environment Management Officer (EMO), and ensure that regular monitoring at the site is carried out. SSDS and SDS also reminded the Contractors to submit the sex-disaggregated data needed for preparing the GAP QPR for Q1 2023, and to increase the number of women workers (skilled and unskilled) to achieve the GAP target of at least 15% women participation in civil works.

Summary of Key Issues and Recommendations

(a) Submission of the CEMP (April-May 2023)

(b) Submission of the Tree Plantation Plan (April 2023);

(c) Hire a health and safety officer/ EMO in April or before the safeguards training in May 2023;

(d) Comply with the GAP target/ activities.

Prepared by: Hasibun Nahar Khanam, SDS, PIC

Reviewed by: Ester M. Felix, SSDS/ PIC and Syed Nazmul Husain, ES/ PIC

Photo Documentation and Attendance Sheet



At the Contractor's Office in WP-05 on 23 March 2023. PIC safeguards and social development team (SSDS, SDS and ES) briefly explained the environment safeguards and GAP requirements for the project to DPM-1 of BBA, RE of PIC and Contractor's representatives for WP-05.

WP-005



KCI-Gauff-Chodai-Soosung-LASA JV

SASEC II Project Implementation Consultants

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 Tel. +8802222296599, +8802222294598 E-mail: ho.sasec2.pic@gmail.com

MEETING ATTENDANCE SHEET

SASEC Road Connectivity Project-II
 Improvement of Elenga-Hatikamrul-Rangpur Road to a 4-Lane Highway
 Address: H-27, R-14, Block-G, Niketan, Gulshan-1, Dhaka.

Meeting Subject: Meeting BBA, PIC and Contractor on GPOPCAM
 Date: 23.03.2023
 Venue: Contractors office
 Time: 3.00 pm

Sl. No.	Name	Designation	Organization	Contact No. and Email	Signature with Date
01.	Md. Shakawat Alan	DPM-1	BBA	01323323678 dpm1.sasec2.bba@gmail.com	[Signature] 23.03.2023
02.	Md. Abdul Hai	RE, WP-05	PIC	01781-346025 re5.sasec2.pic@gmail.com	[Signature] 23.03.2023
03.	S.M. Abdul Quader	Safety Traffic Officer	AML	017927492470	[Signature] 23/03/23
04.	Md. Saubir	Safety in Traffic Supervisor	AML	01715853814	[Signature] 23/03/23
05.	Ahannab Hossain Khan	Planning Engr.	AML	01728771808	[Signature] 23.03.23
06.	Ester M. Felix	Sr. Social Dept Specialist	PIC / VCT SASEC 2	ester.felix@johns.com	[Signature]
07.	Heshibun Nahab Kiran	SDS	PIC	01727130850 shiba-hesibun@yahoo.com	[Signature]
08.	Nabul Hossain	ENV EXP	PTC	01711191242	[Signature]
09.	Md. Rabul Ahsan	PM	AML	01713919753	[Signature]

Attendance Sheet

**Minutes of the Consultation Meeting with BBA, PIC and Contractor on
23 March 2023 in WP 06**

Project	: SASEC Road Connectivity Project-2(Improvement of Elenga-Hatikamrul-Rangpur Road to a 4 Lane Highway)
Agenda/ Purpose	: Meeting with BBA, PIC and Contractor on Environmental Safeguards, GAP Implementation, and other Social Development/ GAP activities
Date and Time	: 23 March 2023 at 10:00 pm
Venue	: Contractor's Office, WP-06
Total No. of Participants: 8 (2 females)	
Discussion Points :	
<p>9. The meeting was attended by the DPM of BBA; PIC RE and another engineer, SSDS, SDS and ES; and Contractor's PM and HSE Officer. BBA DMP gave the opening remarks, and RE/ PIC welcomed the participants of the meeting.</p> <p>PIC SSDS and ES explained the purpose of the meeting (i) GAP monitoring and follow-up of reports needed for the GAP QPR (January-March 2023); (ii) Environmental concerns such as follow-up of tree plantation plan, regular monitoring and submission of environmental safeguards reports, and reminders to implement the health and safety, and other activities in the CEMP/EMP; and (iii) conduct FGD with women workers on Core Labor Standards and how to report incidents of non-compliance; awareness raising on STD, HIV/AIDS, COVID-19 and human trafficking prevention, road safety, and health and safety.</p> <p>10. BBA, RE/PIC and Contractor were also consulted about their preferred schedule for the conducting the following activities: (a) Training for SASEC 2 drivers by WP at base camp, (ii) Community awareness, (c) Schools' roads safety awareness and other activities at the site. These activities were tentatively scheduled in April 2023 but would like to consult RHD/PIC/ Contractor for the most preferred time to conduct these activities. RE/PIC and Contractor's HSE Officer both suggested to re-schedule these activities after the Ramadan and Eid holidays. They suggested that those activities be conducted in May 2023 because it is difficult to gather the people in the communities , and the students during the Ramadan, and during the Eid-ul-Fitr.</p> <p>11. PIC safeguards and social development (SD) team reminded the PIC and Contractors on the deliverables as stated in the GAP, and for Contractors to strictly comply in a timely manner relevant activities/ target indicators in the GAP such as (i.e., at least 15% women participation in civil works, 40% women in tree plantation, all workers to participate in awareness campaign on STD, HIV/AIDS prevention; training for drivers; community and schools' road safety awareness, and others); and required environmental safeguards at work site such as wearing of complete personal protective equipment (PPE), mitigation measures for dust, noise, etc. to address other environmental concerns. PIC's ES reminded the Contractor to submit the Tree Plantation Plan as soon as possible, and ensure that regular monitoring at the site is carried out. SSDS and SDS also reminded the Contractors to submit the sex-disaggregated data needed for preparing the GAP QPR for Q1 2023, and to increase</p>	

the number of women workers (skilled and unskilled) to achieve the GAP target of at least 15% women participation in civil works.

12. Contractor was also reminded to hire more women workers (skilled and unskilled) during civil works (at least 15%) and to hire women workers more than 90% of the workers in tree plantation. PIC ES and SSDS/SDS reminded the Contractors that the performance of the Contractor as regards compliance of the safeguards, GAP and other deliverables as per contract will be strictly monitored. BBA DPM, PIC RE and Contractor's PM were provided a copy of the GAP, monitoring template for sex-disaggregated workers (skilled and unskilled), and flyer on CLS, STD, HIV/AIDS, and environmental safeguards related information.

13. Contractor's PM and the HSE Officer explained that in WP-06, they have a problem recruiting more female workers, and that the 15% maybe difficult to achieve. They hired women since the construction had commenced, but they have not yet achieved the target 15% women workers in civil works. They said, they will continue to hire women especially in the tree plantation. There are around 6 women at the base camp, and they could be interviewed (or participate in FGD) after the meeting.

14. As regards the health and safety measures, Contractor explained that they comply with the CEMP and GAP requirements of ADB/RHD. They conduct Tool Box meeting daily at 7:30 for all workers held at the base camp before workers proceed to their work assignment at the site. The purpose of the regular toolbox talk/safety meeting on related hazards, health and safety environmental safeguards and construction work related risks/ hazards and preventive measures. Topics discussed include the following:

- ✓ COVID-19 awareness
- ✓ Importance and proper use of complete PPE
- ✓ Excavation work, work at height, electrical, manual works, asphalt works and other related works at road construction, and other structures
- ✓ Road safety, driving safely, and fire safety
- ✓ Housekeeping works
- ✓ Lifting works and others
- ✓ Other topics

Picture of these activities were provided to PIC Safeguards and SD team, and will be included in the GAP QPR for Q1 2023. Contractor PM and RE/ PIC also mentioned that the EMO is also assigned as the road safety specialist at the site. The former EMO resigned, and HS officer is also doing the tasks of an EMO. ES/ PIC followed up the Contractor to submit the Tree Plantation Plan. Contractor's PM asked if there is a budget allotted for tree plantation because it will entail huge costs for purchase of trees to be planted, maintenance and hiring workers (women) to plan and maintain the trees, so they could include in the said plan. ES/PIC explained that there is no budget item for tree plantation in the project. The said concern will be discussed with PIC team in Dhaka and RHD.

15. The meeting was closed with a message from the DPM of BBA.

16. FGD with women workers followed after the meeting (see separate minutes of the FGD).

Summary of Key Issues and Recommendations

a) Submission of the Tree Plantation Plan raised by ES/PIC

- b) Budget for tree plantation raised by PM/Contractor
- c) Comply with the GAP target/ activities especially on female participation/ civil works.
- d) Other matters discussed (materials for some structural works are not available which cause delay in project completion; RE/PIC will be assigned in another project; PIC will look for his replacement by Q3 2023 but he is available to provide mentoring/ orientation to his replacement as he will be working under the same Contractor for WP-06.

Prepared by: Hasibun Nahar Khanam, SDS, PIC

Reviewed by: Ester M. Felix, SSDS/ PIC and Syed Nazmul Husain, ES/ PIC

Photo Documentation and Attendance Sheet

Consultation with the Representatives of RHD/BBA, PIC and Contractors on 23 March 2023 at the Base Camps of WP 06.



At the Contractor's Meeting Room in WP-06 on 23 March 2023. Consultation meeting with DPM-2 of BBA, RE/PIC and Contractor's PM and Health and Safety/ EO. PIC safeguards and social development team (SSDS, SDS and ES) provided a brief re-orientation on the environment safeguards and GAP requirements; RE of PIC and Contractor's PM and Health and Safety/Environment Officer provided updates/ information on progress of implementation of the CEMP, GAP, and other activities.

WP-06



KCI-Gauff-Chodai-Soosung-LASA JV

SASEC II Project Implementation Consultants

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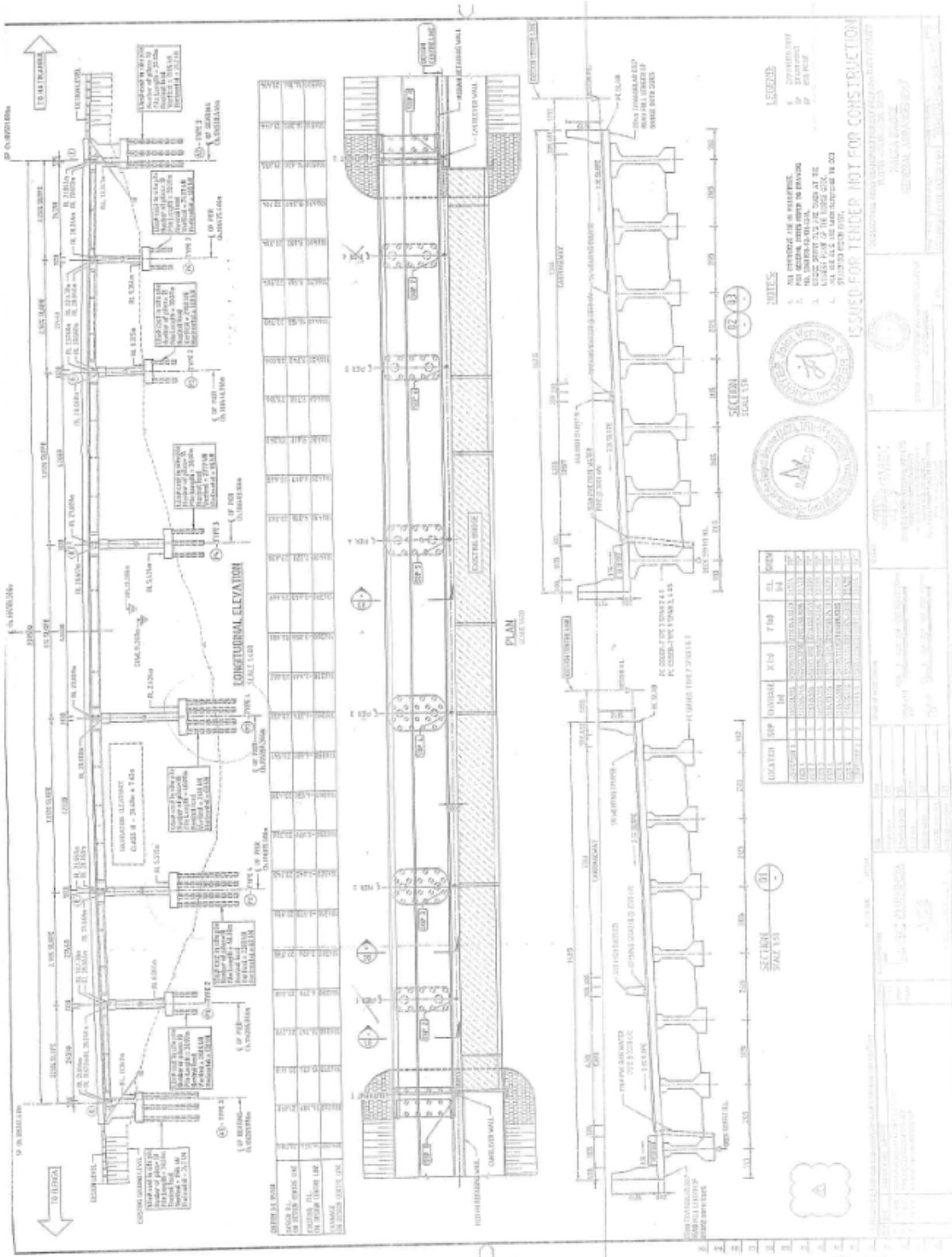
MEETING ATTENDANCE SHEET

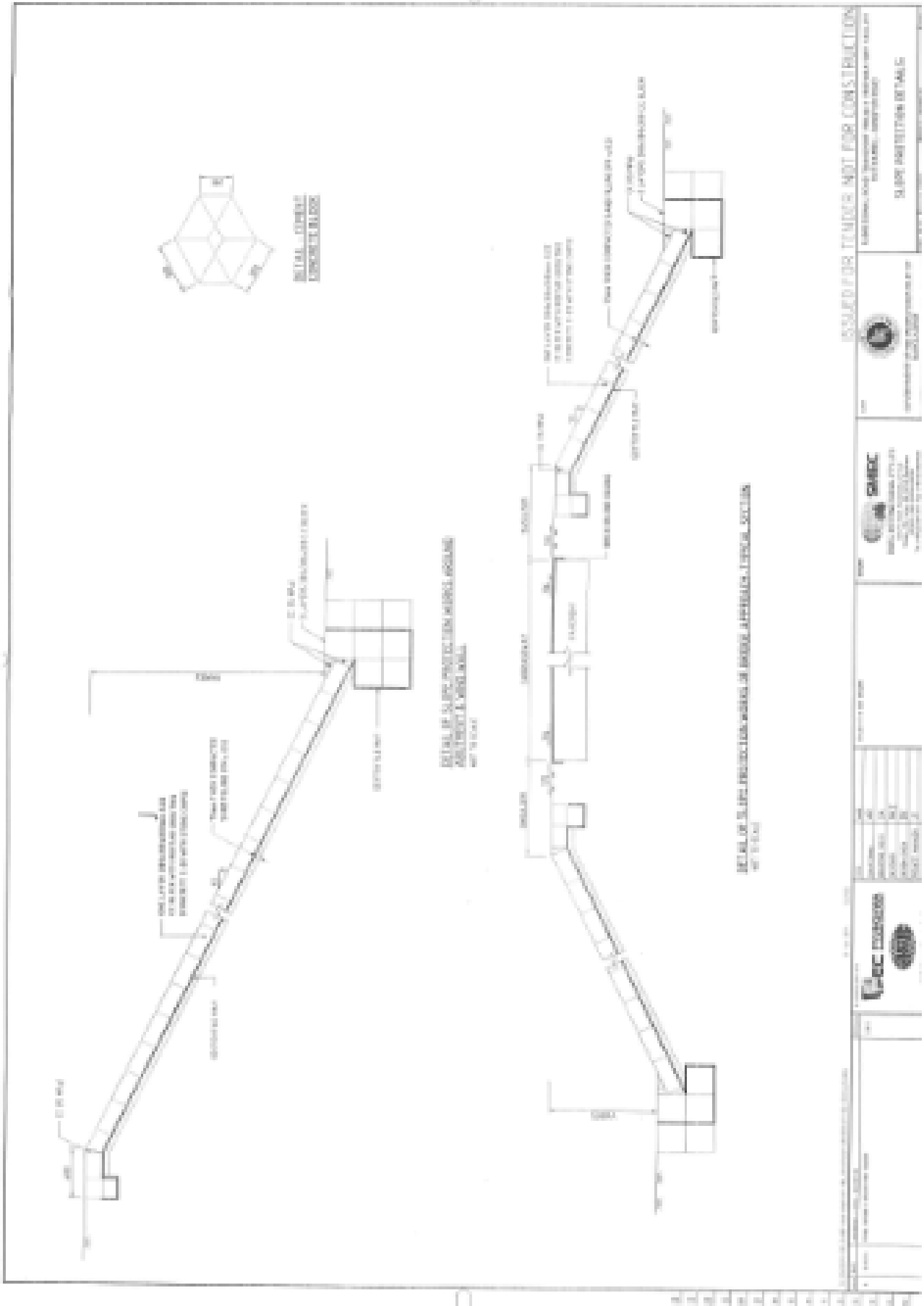
SASEC Road Connectivity Project-II
 Improvement of Elienga-Hatikamrul-Rangpur Road to a 4-Lane Highway
 Address: H-27, R-14, Block-G, Niketan, Gulshan-1, Dhaka.

Meeting Subject: Meeting with BBA, PIC and Contractor on GKP
 Date: 23.03.2023 Time: 10.00 am
 Venue: SASEC-2 WP-06 Strategy R/S
 R/S

Sl. No.	Name	Designation	Organization	Contact No. and Email	Signature with Date
1	Abu Saad	DPM-2	BBA	01678-301670	
2	Manjil Kumar Saha	RG-06	PIC	01705443002 Tel. sasec2.pic@gmail.com	
3	Md. Akhlaq Uddin	PM	HEGO - Mir Akhter JV	01917063532 mah.sasec2pic@gmail.com	
4	Md. Mozaffar Rahman	HSE Officer	U	01916276917 Mozaffarrahman1983@gmail.com	
5	Md. Belal Uddin	QS	PIC	01740627276 Belal.belal2016@gmail.com	
6	Nabiel Husain	Em. Engineer	PIC	0171151242 nabiel.husain@hotmail.com	
7	Huslubum Nahid Khan	SDS	PIC	01727130850 shilp-hasilbaur@yahoo.co	
8	Ester Faly	sr. social Data Specialist	PIC/ICR SASEC2	ester.faly C yoban car	

APPENDIX M: River Protection Design





APPENDIX N: NOC FOR VERTICAL CLEARANCE FROM BANGLADESH

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
প্রকল্প পরিচালক (অ.প্র.প্র.), সওজ এর কার্যালয়
সাসেক সড়ক সংযোগ প্রকল্প-২
এলেক্সা-হাটিকামরুল-রংপুর মহাসড়ক চার লেনে উন্নীতকরণ
সড়ক ভবন, তেজগাঁও, ঢাকা।
ফোন: ০২-৮৮৭০১০০, ফ্যাক্স: ০২-৮৮৭০১৯৯
E-mail: pd.sasecu.rhd@gmail.com

স্মারক নং-৩৫, সওজ, ০০০০, পিডিসাসেক-২, ৩২, ০০১, ২০১৭-৫৮৫

তারিখঃ ০৯ জুলাই ২০১৯

বিষয়ঃ সাসেক সড়ক সংযোগ প্রকল্প-২: এলেক্সা-হাটিকামরুল-রংপুর মহাসড়ক চার লেনে উন্নীতকরণ প্রকল্পে (বগুড়া তিনমাথা রেলস্টেট অংশে) বগুড়া রেলওয়ে ওভারপাস এর ডিজাইনে অনাপত্তি প্রদান প্রসঙ্গে।

সূত্র: নির্মাণ তদারকি পরামর্শক প্রতিষ্ঠান এর স্মারক নং- SASEC2/PIC/TL/RHD/2019/00227, Dated: 27 June 2019.

উপর্যুক্ত বিষয় ও সূত্রস্থ স্মারকের প্রেক্ষিতে সম্মানের সাথে জানানো যাচ্ছে যে, সাসেক সড়ক সংযোগ প্রকল্প-২: এলেক্সা-হাটিকামরুল-রংপুর মহাসড়ক চার লেনে উন্নীতকরণ প্রকল্পটি এশীয় উন্নয়ন ব্যাংক ও বাংলাদেশ সরকারের অর্থায়নে বৈদেশিক সহায়তাপুঞ্জ একটি অগ্রাধিকার প্রকল্প। সমগ্র উত্তরবঙ্গসহ প্রতিবেশী দেশ নেপাল, ভূটান ও ভারতের সহিত বাংলাদেশের অন্যান্য অংশের সাথে সড়ক যোগাযোগ সহজ, দ্রুত, নিরবিচ্ছিন্ন ও নিরাপদ হবে। বৈদেশিক সহায়তাপুঞ্জ এই প্রকল্পে ইতোমধ্যে ঠিকাদার নিয়োগ সম্পন্ন হয়েছে এবং সড়ক সম্প্রসারণ কাজ শুরু হয়েছে। এ প্রকল্পের আওতায় বগুড়া জেলার সদর উপজেলার তিনমাথা নামক স্থানে রেলক্রসিং অংশে একটি ৪-লেনের রেলওয়ে ওভারপাস নির্মিত সেতুটির ডিজাইন আন্তর্জাতিক পরামর্শক প্রতিষ্ঠান কর্তৃক প্রণয়ন করা হয়েছে। উল্লেখ্য যে, তিনমাথা রেলক্রসিং এলাকায় রেলওভারপাসটি নির্মিত হলে যানজট নিরসন হবে এবং ঢাকার সাথে বগুড়া হয়ে উত্তরবঙ্গ যাতায়াতের পথ নিরাপদ ও নিরবিচ্ছিন্ন হবে। উক্ত রেলওয়ে ওভারপাস নির্মাণ কাজ শুরু করার লক্ষ্যে প্রত্যুক্ত ডিজাইনে বাংলাদেশ রেলওয়ের অনাপত্তি প্রয়োজন।

এমতাবস্থায়, বগুড়া রেলওয়ে ওভারপাস এর ডিজাইনকৃত পে-আউট ও প্রোফাইল, আনুষঙ্গিক তথ্য অনাপত্তির নিমিত্তে এতদসঙ্গে প্রেরণ করা হল।

সংযুক্তি: বর্ণনামতে।

(কাজী শাহরিয়ার হোসেন)

পরিচিতি নং-০০০২৯১

প্রকল্প পরিচালক (অ.প্র.প্র.), সওজ

সাসেক সড়ক সংযোগ প্রকল্প-২

সড়ক ভবন, তেজগাঁও, ঢাকা।

✓ প্রধান প্রকৌশলী/ পশ্চিম

বাংলাদেশ রেলওয়ে

রাজশাহী।

অনুলিপিঃ

- ১। প্রধান প্রকৌশলী, সড়ক ও জনপথ অধিদপ্তর, সড়ক ভবন, তেজগাঁও, ঢাকা।
- ২। অতিরিক্ত প্রকল্প পরিচালক-২ (তঃপ্রঃ), সওজ, সাসেক সড়ক সংযোগ প্রকল্প-২, সড়ক ভবন, তেজগাঁও, ঢাকা।
- ৩। Team Leader, SASEC-2 Project Implementation consultants, KCI-Gauff-Chodai-Soosung-LASA JV
- ৪। Deputy Team Leader, SASEC-2 Project Implementation consultants, KCI-Gauff-Chodai-Soosung-LASA JV
- ৫। প্রকল্প ব্যবস্থাপক-৫ (নি:প্র:), সওজ, সাসেক সড়ক সংযোগ প্রকল্প-২, সড়ক ভবন, তেজগাঁও, ঢাকা।
- ৬। বিভাগীয় প্রকৌশলী, বাংলাদেশ রেলওয়ে, লালমনিরহাট।