

Loan No. 3554-BAN-OCR

Public-Private Infrastructure Development Facility-3

ANNUAL ENVIRONMENTAL AND SOCIAL COMPLIANCE AUDIT REPORT

22 MW Power Project at Narayanganj, Bangladesh

City Seed Crushing Industry Limited – Unit 2 (CSCIL UNIT-2)

February, 2021

Prepared by

INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED

DHAKA, BANGLADESH

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List of Abbreviations

ADB	Asian Development Bank
BEZA	Bangladesh Economic Zone Authority
BOD	Biological Oxygen Demand
CO	Carbon Mono-Oxide
COD	Chemical Oxygen Demand
DO	Dissolved Oxygen
DOE	Department of Environment
ECR	Environment Conservation Rules
EHS	Environment and Health Safety
EMP	Environmental Management Plan
ERP	Emergency Response Plan
ESSF	Environmental and Social Safeguards Framework
EZ	Economic Zone
FGD	Focus Group Discussion
GPS	Global Positioning System
IDCOL	Infrastructure Development Company Limited
IEE	Initial Environmental Examination
IP	Indigenous People
MW	Mega Watt
NOC	No Objection Certificate
NOx	Nitrogen Oxides
PM	Particulate Matter
PPE	Personal Protective Equipment
SO2	Sulphur Di-Oxide
SPM	Suspended Particulate Matter
SPS	Safeguards Policy Statement
TDS	Total Dissolved Solid
TSS	Total Suspended Solid
UoM	Unit of Measurement

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EXECUTIVE SUMMARY

Background

City Seed Crushing Industry Ltd. – Unit 2 (CSCIL UNIT-2) is a subsidiary of City Group and located in the City Economic Zone with an area of 77.96 acres and based in Narayanganj district, close to the eastern bank of Shitalakshya River. The project has a power plant of 22 MW capacity which is solely dedicated to the internal power demand of CSCIL UNIT-2 Plant. The coordinates of the location are 23°44'45.04" North and 90°30'55.59" East. For financial assistance, CSCIL has approached Infrastructure Development Company Limited (IDCOL) for its power plant establishment. Considering the importance of the project, IDCOL has provided a term loan facility of BDT 135 crore in favour of the project. IDCOL has sourced the required financing from the fund allocated as ordinary capital resources (OCR) for large infrastructure projects under Public-Private Infrastructure Development Facility (PPIDF)-3 of Asian Development Bank (ADB).

According to the Environment Conservation Rules (ECR), 1997 of Bangladesh Government, industrial projects have been categorized into four classes—Green, Orange A, Orange B and Red. Considering the magnitude of environmental impacts, power plant project has been classified as Red Category. Hence, CSCIL UNIT-2 project is of **Red** category. Given the environmental impacts of the CSCIL UNIT-2 project is mostly site specific, ADB has categorized the project as **B** as per ADB guidelines. Due to the absence of any indigenous habitat in the project area, the project has been categorised as **C** from indigenous peoples (IP) perspective. In addition, based on available information, there is no issue of involuntary resettlement. So, the project has been categorised as **C** from involuntary resettlement (IR) perspective. Furthermore, as per the Environmental and Social Safeguards Framework (ESSF), IDCOL, the proposed power plant is a **High Risk** project. Accordingly, the project has required a detail environmental impact assessment.

Water Technology BD Limited being engaged by CSCIL UNIT-2 as Environmental Consultant, has conducted the detail environmental impact assessment and prepared the Initial Environmental Examination (IEE) Report based on the guidelines of Department of Environment (DOE), and ADBs SPS, 2009. In addition, respective IFC EHS guidelines (general and sector specific) have also been consulted. The project is in construction phase. Being a financial intermediary, there is requirement for IDCOL to submit an annual Environmental and Social Compliance Audit Report of eligible projects to ADB. Accordingly, this audit report has been prepared by IDCOL.

Audit overview and findings

The audit period (January 2020 to December 2020) of this Environmental and Social Compliances was influenced with the requirement of lock-down and subsequent social distancing due to COVID. Hence, there was limited scope to physically visit the project and to consult with adjacent neighborhoods. However, respective officials of Environmental and Social Safeguards Unit (Infrastructure), IDCOL have reviewed the available relevant documents and clearances. The audit deals with the implementation of environmental and social safeguards during operation phase in light of ADB approved Initial environmental Examination (IEE) report. During audit, the commitment of CSCIL UNIT-2 to comply with environmental and social safeguards have been found as responsive.

1.0 INTRODUCTION

1.1 PROJECT PROPONENT

City Seed Crushing Industry Ltd. – Unit 2 (CSCIL UNIT-2) is located at City Economic Zone, North Rupshi, Rupganj, Narayanganj. It generally produces Soya Cake, Rape seed cake and Crude edible oil and the plant has a 22 MW power generation facility adjacent to it for required electricity demand. Soybean processing plants convert soybeans into meal/hulls (79-80%), soybean oil (19-20%) and soap/ lecithin/dockage (1-2%). Bangladesh's annual edible oil consumption is estimated to grow by 11 percent year-on-year to 28.50 lakh tonnes in the current marketing year from that a year ago, said USDA Foreign Agricultural Service in its report on the Bangladesh Oilseeds and Products Annual 2019/20. The entire project is completely enclosed and is owned by the City Group. The project is also under the City Economic Zone with an area of 77.96 acres. CSCIL UNIT-2 is a running project and it has continued its production since 2018. The key project information has been shown in Table 1.1.

Table 1.1: Key Project Information

Project Company	City Seed Crushing Industry Limited Unit-2
Project Location	City Economic Zone, Uttar Rupshi, Rupganj, Narayanganj
Project Area	88,000 sq. meter
Industry Type According to DoE	Red
Project Cost	\$15,00,00,000 (Fifteen Crore USD)
Production Capacity	15,00,000MT Soya Cake, Rape Seed Cake, Crude Edible Oil annual & 22 MW power generation
Power Plant Capacity & Co-Generation	5 x 4.4 MW GEJ Jenbacher Gas Engine Based Power Plant (Total: 22 MW) 5 Nos Gas Generator
Boiler Plant	3x 55 Ton/Hour with Water Tube technology
Daily Water Requirements	160 cubic meter
Source of Water	River & Deep Tube Well
Power Requirements	500 KW/H
Gas Requirements	3,00,000 cubic meter/day
Possible Amount of Wastewater	75 m3/day domestic as there is no wastewater in Production purpose

1.2 AREA AND LOCATION OF THE PROJECT

The Project is located at City Economic Zone, North Rupshi, Rupganj, Narayanganj and is easily accessible by all kinds of transports. The project site is about 1.78 km away from Rupshi Bus Stand, Narayanganj and on eastern bank of Shitalakshya River. The project location is accessible from Dhaka via Dhaka – Sylhet National Highway (N2) and through Shitalakshya river waterway. Bangladesh Edible Oil, Navana Health Care and Navana Pharmaceutical Ltd, Gazi Auto Tires Factory, Rony Knit Composite, Mir Cement etc. projects are surrounding 2 km project from the project area. The GPS coordinate of the project is 23°44'51.08" North and 90°30'54.81" East. Location map of the project has been shown in Annex 02.

1.3 BRIEF DESCRIPTION OF THE PROJECT

CSCIL UNIT-2 continued its operation in 2018 as a concern of renowned City Group. The project is comprised of 88,000 sq. meter of area with a production capacity of 1,50,000 MT per month. Following are the major infrastructures within the project:

- | | |
|----------------------------------|---------------------------------|
| 1. Storage Silo Group | 9. Electric substation |
| 2. Daily Silos | 10. Cooling Tower |
| 3. Preparation Building | 11. Guest House |
| 4. Extraction Plant | 12. Main Entrance |
| 5. Water degumming & Lecithin | 13. Bag Storage (Future) |
| 6. Flat Storage | 14. Water Treatment Plant (WTP) |
| 7. Packing Building | 15. Ship Discharge (E-Crane) |
| 8. Steam Building (Boiler House) | |

The Seed Crushing plant uses Soya Seed as raw material in a quantity of 15 lac MT per day. The seed is sourced from both local market and by importing. The final outputs of the factory are listed as below:

Table 1.2: Production scenario of CSCIL UNIT-2

Product Name	Amount (Annual)
Soya Cake, Rape Seed Cake, Crude Edible Oil	15,00,000 MT
Power	22 MW

In general, the whole production process is divided into several steps as follows:

- Cleaning, Drying and Preparation of the seeds/beans
- Crushing of seeds
- Degumming of crude oils having relatively high levels of phosphatides compound
- Using Solvent extraction to separate oil from seeds/beans where the principle is to employ a volatile liquid in which the oil is freely soluble
- Extracted crude oil
- Drying, cooling, storage
- Removing of solvent by distillation

Description for Power Plant

The proposed power plant is with a 2-stage turbocharged gas engine providing significant advantages, particularly in the area of multiple engine power plants for independent power generation and combined heat and power (CHP) solutions. Compared with conventional machine room layout, BROAD packaged pump set system in cooling process reduces the rated power demand by 50~70%, and the operating electricity consumption by 70~85% (the electricity for pump set only amounts to 2~5% of the rated cooling capacity).

The proposed captive power plant is established near Seed Crushing plant and the produced electricity from the power plant is used by the Seed Crushing plant. The generated electricity of 10-11 kV will be converted to 230 kV supply and added to existing 230kV switching station through 230 kV underground. Necessary gas supply for the Seed Crushing Plant is supplied

from Economic Zone central gas distribution line. Also, necessary water for plant operation as well as firefighting emergency situation is collected from Sitalakhshya River which is a vast source of surface water for all adjacent industrial projects.

1.4 OBJECTIVES OF ENVIRONMENTAL AND SOCIAL COMPLIANCE AUDIT

The audit has been conducted with the aim to assess the project's compliance with-

- i. Environment Conservation Rules (ECR)1997 of GOB;
- ii. Environmental and social safeguards according to the Environmental and Social Safeguards Framework (ESSF) of IDCOL;
- iii. Environmental and social safeguards according the Safeguards Policy Statement (SPS), 2009 and other relevant standards and guidelines of the ADB;
- iv. Proposed mitigation measures and monitoring procedures according to the environmental management plan (EMP), resettlement action plan (RAP) as are applicable.

1.5 METHODOLOGY

The audit includes the following steps:

- (i) Visit the project site and consult with stakeholders especially local people;
- (ii) Review the environmental and social safeguards documents including environmental impact assessment report, EMP and Resettlement Action Plan, Stakeholder Engagement Plan (as are relevant) ;
- (iii) Assess actual implementation of the guidelines/action plan of the safeguard related documents.

1.6 REPORTING PERIOD

The reporting period of this Environmental and Social Compliance Audit is January 2020 to December 2020.

1.7 CHANGES IN PROJECT SCOPE

There is no change in the technology and operational process as have been declared by the respective government and accepted by CSCIL UNIT-2. So, it can be said that the Environmental Management Plan (EMP) of ADB approved Initial Environmental Examination (IEE) is fully applicable during the reporting period as well.

1.8 ENVIRONMENTAL MONITORING

The parameter, frequency and methodology of environmental monitoring are in accordance with EMP of ADB approved IEE, as has been detailed in chapter 3 of this audit report.

2.0 REGULATORY REQUIREMENTS

2.1 ENVIRONMENT CONSERVATION RULES, 1997 OF BANGLADESH

The project has to comply with the Environment Conservation Rules (ECR), 1997. According to the categorization of ECR, 1997, the project area which is an economic zone has been categorized as **Orange-B**, but the project consists of a captive power plant with a capacity of 22 MW. So, the project turns into **Red** category meaning that it has significant adverse environmental impacts, which are to be mitigated with proper mitigation measures.

2.2 ENVIRONMENTAL AND SOCIAL COMPLIANCE RELATED STANDARDS AND GUIDELINES OF ASIAN DEVELOPMENT BANK

The project has to be complied with Safeguards Policy Statement (SPS), 2009 of ADB in regard of environmental and social (E&S) compliances. Considering the adversity of environmental impacts, it has been **categorized as B** from environmental safeguard point of view. Accordingly, an IEE has been prepared, which is already approved by the ADB. As no record of any indigenous habitat has been found at Rupshi, Rupganj, Narayanganj the project has been **categorised as C** in respect of Indigenous People (IP). Also, the land of the economic zone has been acquired through a “willing buyer willing seller” basis by City Economic Zone and CSCIL UNIT-2 has leased the land from the EZ authority, as no physical and economic displacement in terms of involuntary acquisition of land and involuntary restrictions on land use is triggered, the project has been identified as **C** category in respect of Involuntary Resettlement. Similarly, the absence of indigenous habitat in close proximity has resulted in **C** category from IP perspective.

2.3 ENVIRONMENTAL AND SOCIAL SAFEGUARDS FRAMEWORK OF IDCOL

IDCOL has adopted an Environmental and Social Safeguards Framework (ESSF) in 2011, which is to be complied with all infrastructure projects as are to be funded IDCOL. According to the environmental categorization of ESSF, the project has been categorized as **High Risk** project requiring significant compliance safeguards including comprehensive environmental impact assessment and regular monitoring. The project has been categorized as **Low Risk** in consideration of social safeguards (involuntary resettlement and indigenous people).

3.0 IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS

3.1 COMPLIANCE WITH ENVIRONMENT CONSERVATION RULES, 1997

CSCIL UNIT-2 has to comply with the requirement of ECR, 1997 of the DOE. In the following Table 3.1, the compliance status of CSCIL UNIT-2, in regard of major milestones of ECR, 1997 is depicted. The updated Environmental Clearance Certificate is provided in Annex-1.

Table 3.1: Compliance with the requirement of ECR, 1997

Basic Requirement	Compliance Status
Award Site Clearance Certificate	Complied
Award EIA approval	Complied
Renewal of Environmental Clearance Certificate	Complied

3.2 COMPLIANCE WITH ENVIRONMENTAL MANAGEMENT PLAN

a. Institutional arrangement

The environmental and social compliances are dealt by the respective project team.

b. Compliance status

In the IEE, several activities having potential adverse environment impacts and occupational health safety aspects during operation phase have been identified. In the following Table 3.2, suitable mitigation measures to address these impacts according to the EMP and actual responses by the project sponsor has been discussed.

Table 3.2: Project activities and mitigation Measures

Project Activity	Potential Impacts	Proposed mitigation measures in EMP	Actual implementation	Compliance status
Vehicle movement for transportation of construction materials and equipment	Ambient air pollution as well as noise pollution	Ensure that vehicles have a Pollution Under Control (PUC) Certificate	It has been reported that vehicles are regularly checked and the fixed speed limit is 10 kmph.	Complied
Transportation of raw materials and products	Air pollution from vehicles, noise pollution and spillage of oils or other hazardous materials during loading /unloading	Adequate safety measures along with spill control mechanism	It has been conveyed that the project sponsor is attentive to address oil leakage and spillage, and has adopted for awareness raising initiative to workers.	Complied
Manufacturing process	Air pollution from emission of gaseous substances from machines	Adequate safety measures, adequate stack height for exhausted gases like CO ₂ , dust will be controlled by equipment like scrubbers, dust collectors (Bag filters), filters etc.	The practice of required measures and adequate PPE have been reported.	Complied
Operation of Power Plant	Occupational health hazard to workers	Adequate safety measures, adequate stack height and green belt development	Necessary instruments with PPE, and proper signage mentioning safety guidelines are reported to apply in the site.	Complied
Operation of WTP, Gas Engines, cooling tower, chiller, heat recovery site	Noise Pollution	Suitable acoustic enclosures will be provided	It has been reported that various types of fire extinguishers and an automated firefighting system have been installed.	Complied
Fires, explosions and other accidents	Risk of human health and property damage	-Use of personal protective equipment during operation and maintenance; -Prepare and implement safety and emergency manual; -Regular inspection of lines for faults prone to accidents; -Provision of fire protection equipment.	The practice of required measures and adequate PPE have been reported.	Complied

c. Environmental monitoring

I. Technical approach of environmental monitoring

In the EMP of the IEE, environmental monitoring has been required during operation phase. The air, water and noise quality monitoring schedule are depicted in Table 3.3, with respective monitoring results (Table 3.4 to 3.7).

Table 3.3: Monitoring parameters and frequency of monitoring

Key parameters to be monitored: (1) Ambient Air Quality		
location	frequency	Parameter
Four corners of plant boundary and centre point of the plant	Quarterly (routine) analysis	PM10, PM2.5, CO, CO2, NO2, SO2,
Key parameters to be monitored: (2a) Surface Water		
location	frequency	parameter
Project site at North Rupshi	Bi-annual basis in each year (pre-monsoon and post-monsoon)	pH, Temperature, DO, BOD, COD, TDS, Oil and grease
Key parameters to be monitored: (2b) Ground Water		
location	frequency	parameter
Project site at North Rupshi	Bi-annual basis in every year (pre-monsoon and post-monsoon)	pH, Temperature, DO, BOD, COD, TDS, Oil and grease
Key parameters to be monitored: (3) Noise		
location	frequency	parameter
At four corners of Project boundary	Quarterly (routine)	Limits in dBA

Table 3.4: Ambient air quality at project site

	10 October 2020				
	CO (ppm)	PM10 (µg/m³)	PM2.5 (µg/m³)	SOx (µg/m³)	NOx (µg/m³)
Test Result	0.65	108.5	34	11	11.5
Standard of DOE	9	150	65	365	100

Source : CSCIL UNIT-2

Table 3.5: Ambient noise level at project site

Location	10 October 2020	
	Day (6.00 am to 9.00 pm)	Night (9.00 pm to 6.00 am)
Northern side of project boundary	55.5	43.5
Southern side of project boundary	57.5	47
Eastern side of project boundary	56.5	44.5
Western side of project boundary	50.5	39
Central point of project site	61	55
Standard of DOE ¹	75	70

Source : CSCIL UNIT-2

Table 3.6: Ground water quality at project site

Parameter	10 October 2020	DOE Standard
pH	7.4	6.5-8.5
Temperature	27.1	20-30 °C
DO	5.8	4.5-8 mg/l
TDS	240	≤1000 mg/l
Oil and grease	nil	10.00

Source : CSCIL UNIT-2

Table 3.7: Surface water quality at project site

Parameter	10 October 2020	DOE Standard
pH	8.3	6-9
Temperature	26.9	Summer-40 Winter-45
DO	7.62	4.5-8 mg/l
BOD	04	≤ 50
COD	13	≤ 200
TDS	45	2100 mg/l
Oil and grease	nil	10.00

Source : CSCIL UNIT-2

¹ The project area has been considered as Industrial Zone based on land use

II. Result of environmental monitoring

The ambient air and noise qualities have been found to comply with the acceptable limit of DOE. In addition, surface and ground water quality have been found to be within the limit of DOE.

III. Disclosure of environmental monitoring

As disclosure of environmental monitoring, CSCIL has kept the copy monitoring result available at project site.

IV. Monitoring adjustment measure

As the air, water and noise monitoring result have been found to be within the limit, no adjustment measures have been recommended.

3.3 COMPLIANCE WITH SAFEGUARDS POLICY STATEMENT, 2009 OF ADB

It is already said that the CSCIL UNIT-2 project has to comply with the requirement of SPS, 2009 of ADB. Accordingly, the compliance of this project in regard of major EHS related requirement are mentioned in Table 3.8.

Table 3.8: Compliance with important EHS aspects during operation phase

ADB Requirements	Issue and Description of Observation	Compliance Status
<i>Environment Assessment requirements for various financing modalities</i>	Water Technology BD Limited has conducted the environmental impact assessment	Complied
<i>Occupational and Community Health and safety</i>	CSCIL UNIT-2 has ensured the satisfactory application of PPE.	Complied
	There is satisfactory evidence of fire drill.	Complied
<i>Biodiversity conservation and sustainable natural resource management</i>	The activities in relevant to operation phase seems to be inadequate to adversely affect the biodiversity and natural resource management in the project area to a greater extent. But due to the long-term operation of the project, there could be limited/minimal impact to the local biodiversity.	Complied
<i>Pollution prevention and abatement</i>	CSCIL UNIT-2 conducts the air, water and noise monitoring on a regular basis.	Complied
<i>Physical Cultural resources</i>	Due to the unavailability of physical cultural resources within the range of close distance, the issue of adversely affecting the physical cultural property seems not to be relevant with the project.	Complied

4.0 IMPLEMENTATION OF SOCIAL SAFEGUARDS

4.1 IMPACT ON RESETTLEMENT AND LIVELIHOOD

As the project site is a purchased land of City Economic Zone through willing seller-willing buyer arrangement and leased by CSCIL UNIT-2, there is no issue of resettlement. In addition, as the project site was not being used for any income generating activities before acquiring for economic zone establishment, so the project is not associated with any adverse impact on the livelihood of any local household.

4.2 INSTITUTIONAL ARRANGEMENT FOR SOCIAL SAFEGUARDS

Institutional arrangement

The social compliances are dealt by the respective project team .

Grievance Redress Mechanism

The project site is a purchased land having no involuntary resettlement issue. In addition, there is no habitat of indigenous community in the project area. According to the local community members, during construction phase, CSCIL UNIT-2 focused on deploying workers coming from local community and they were satisfactorily paid. In addition, CSCIL UNIT-2 is supportive to the local community. So, no grievance was flagged.

4.3 IMPACT ON INDIGENOUS PEOPLE

Based on the primary observation during site visit and secondary sources, no habitat of any indigenous community has been reported at the surrounding areas of the project site. So, the project has been categorized as C for Indigenous Peoples (IP) safeguards concluding that there is no issue about adversely affecting IP neither in construction phase nor in operation phase.

CSCIL UNIT-2 has conveyed that they are gender and caste neutral. So, any qualified person coming from the indigenous community will be equally treated during the recruitment process, and will be given the same benefits as like as other personnel.

4.4 CHILD LABOUR

The Bangladesh Labour Act 2006 (Act XLII of 2006) also defines the “child” and the “adolescent” on the basis of age. As per section 2(8) of the Act, a person who has attained the age of 14 but below the age of 18 is considered to be an “adolescent” and as per section 2(63), a person not attaining the age of 14 is defined as a “child”.

According to The National Child Labour Elimination Policy 2010, following rights are to be complied with, in regard of addressing child labor issues:

- Employing children according to the age determined by the Acts and not to employ children below 14 years as a regular employee;

- Ensuring the children at domestic work not to perform any hazardous work and providing them with proper food and accommodation, education, recreation since they work full time; and
- Refraining child workers from physical, mental, sexual persecution and abuse.

CSCIL UNIT-2 has been found to be careful about the child labor issue. So, neither in construction phase nor in operation phase, no child has been found to be engaged in the project activities.

4.5 PUBLIC CONSULTATION AND DISCLOSURE OF INFORMATION

Public Consultation and major findings

Due to COVID related social distance requirement, it was inconvenient for respective IDCOL officials to physically visit the project and conduct public consultation. However, given the pandemic situation gets improved, IDCOL officials will try to conduct detail public consultation with adjacent neighbourhoods.

4.6 ENHANCEMENT

CSCIL UNIT-2 acknowledges the importance of satisfactory relationship to adjacent communities. Accordingly, it has extended various types of cooperation to the community, which is expected to be continued.

5.0 CORRECTIVE ACTION PLAN

The project sponsor has been responsive to maintain the required mitigation measures to address the potential environmental impacts. From social safeguard perspective, it has been reported that there is no significant grievance neither from any internal stakeholder nor from any external stakeholder.

6.0 CONCLUSION

Based on the findings of environmental and social compliance audit, it can be concluded that CSCIL UNIT-2 has been found to be mostly satisfactorily complying with environmental and social safeguards.

Annex 1: Renewal of Environmental Clearance Certificate



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
পরিবেশ অধিদপ্তর
নারায়ণগঞ্জ জেলা কার্যালয়
মা আমেনা স্বপ্ন টাওয়ার (চতুর্থ তলা)
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পরিবেশগত ছাড়পত্র নবায়ন

ছাড়পত্র নং: ২০-৪৪৫৪২

পরিবেশগত ব্যবস্থাপনা নিশ্চিতকরণ সাপেক্ষে সংযুক্ত শর্তে নিম্নবর্ণিত প্রতিষ্ঠান/প্রকল্পের অনুকূলে পরিবেশগত ছাড়পত্র নবায়ন প্রদান করা হলো :

প্রতিষ্ঠান/প্রকল্পের নাম	: City Seed Crushing Industries Ltd
উদ্যোক্তার নাম	: Fazlur Rahman
সনাক্তকরণ নং	: ২৪০০৭
প্রতিষ্ঠান/প্রকল্পের কার্যক্রম	: জুড সয়াবিন তেল প্রস্তুত
প্রতিষ্ঠান/প্রকল্পের শ্রেণী	: Orange-B
প্রতিষ্ঠান/প্রকল্পের ঠিকানা	: Rupshi, Rupganj, Narayanganj.
প্রদানের তারিখ	: ১০ সেপ্টেম্বর ২০২০
মেয়াদ উত্তীর্ণের তারিখ	: ১৬ মে ২০২১



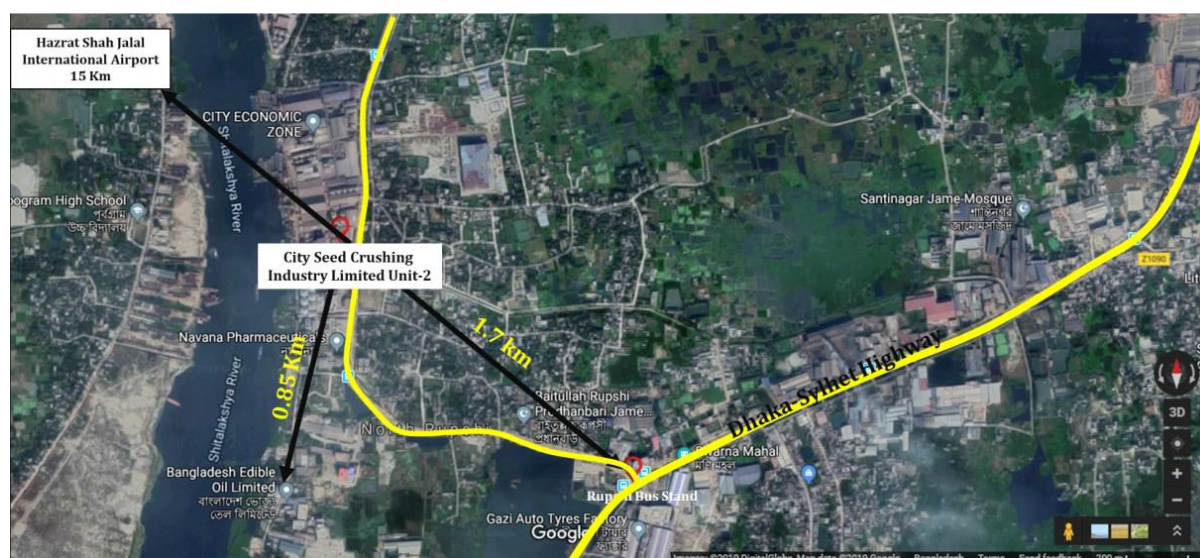
এ ছাড়পত্র সনদের সাথে পৃথকভাবে সংযুক্ত প্রদত্ত শর্তাবলী যথাযথভাবে প্রতিপালন করতে হবে,
অনুখায় ছাড়পত্র বাতিল/অপসংহৃত/অদ্যায় হলে কোন অহিনাদুল ব্যবস্থা গ্রহণ করা হবে।

বিঃদ্রঃ এটি একটি সিস্টেম জেনারেটেড ছাড়পত্র এবং এতে কোনোরূপ স্বাক্ষরের প্রয়োজন নেই।

ছাড়পত্রটি যাচাই করতে ভিজিট করুন: http://ecc.doe.gov.bd/certificate_verification

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Annex 02: Satellite image of project location



Annex 03: Application of Safety Signage



Photograph : Safety Signage on the site

Annex 04: Arrangements of PPE



Photograph : Ear Bud