

Environmental and Social Due Diligence Report

Project Number: 47083-004
January 2022

INDIA: Accelerating Infrastructure Investment Facility in India – Tranche 3 Shamlaji Expressway Private Limited (Part 11 of 34)

Prepared by India Infrastructure Finance Company Limited for the India Infrastructure Finance Company Limited and the Asian Development Bank.

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GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

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Website : www.gpcb.gov.in

R.P.A.D

"Consent to Establish" (NOC)

CTE NO-96021

NO: GPCB/SK- CTE- 273/ID-65722 /

To:

M/s N.G.Projects Ltd.

S.No. 33 Paiki & 35 Paiki,

At & Post- Padar- - 383315

Tal: Modasa, Dist: Aravalli

SUB: Consent to Establish (NOC) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981.

REF: Your application No.143532 dated. 31/08/2018.

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air (Prevention and Control of Pollution) Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants Consent to Establish (NOC) for setting up of an industrial plant/activities at - S.No. 33 Paiki & 35 Paiki, At & Post- Padar- - 383315, Tal: Modasa, Dist: Aravalli For the manufacturing of the following items.

The Validity period of the CTE will be Seven years i.e. up to 30/08/2025.

Sr. No.	Product	Capacity
1.	Wet mix plant Product	20,000 MT/Month
2.	Grit,Kapachi,Metal (Two Crushing Plant)	30,000 MT/Month

Specific condition:

- (1) The applicant shall purchase raw materials (Kapachi/Grit) from open market only i.e from the authorized leased holders having Environment Clearance.
- (2) Unit shall not start commercial production till prior CCA of the board.
- (3) Dust doom shall be provided with a facility for unloading directly in trucks
- (4) Fogger system shall be provided for dust suppression for the dust generated due to material handling /loading /unloading activity.
- (5) A dust containment system in the form of enclosures of GI sheets to cover the crusher discharge area, vibratory screens and belt conveyor transfer points
- (6) Provide wind breaking walls around stock piles areas, The height of wind breaking walls should be at least 3/4th the height of discharge point of conveyors to the stock piles, and could be made of either bricks/stones or GI sheets.
- (7) The Applicant shall also comply / adopt/ follow, as per Environmental Guidelines of National Productivity Council & Hot Mix Plant Guideline as well as sitting criteria for setting up of stone crushing plant.
- (8) The Applicant shall provide cloth covering at Gaps between Ground level & G.I. Sheet covering (Screen & crusher) with system to keep cloth wet.

CONDITIONS UNDER WATER ACT 1974:

1. There shall be no generation of the industrial effluent from the manufacturing process and other ancillary industrial operations.
2. The quantity of the domestic waste water (sewage) shall not exceed 400 Lit/Day.

CONDITIONS UNDER AIR ACT 1981:

4. Air Pollution Control Measures:-
The Hot Mix Plants shall provide following APCM:
- 4.1 A suitable and adequate dust control system such as dry and wet scrubber for the dryer and mixer shall be provided.
- 4.2 The plant shall have centralized control panel/cabin capable of presetting controlling /synchronization all operations, starting from feeding of aggregates to the discharge of hot mix to ensure proper mixing. It shall have adequate water scrubbing mechanism to control the dust coming out of the dryer. Scrubbing media shall be recirculate and only make up the volume of same.
- 4.3 Conveyor belts shall be fully covered from top and sides.
- 4.4 Considering predominant wind direction, wind breaking wall shall be constructed.
- 4.5 All roads / vehicle movement areas at the site of Hot Mix Plant shall have be pacca / stabilized with stone aggregated
- 4.6 Regular sprinkling of water shall be ensured on such roads so that no dust is generated due to vehicular movement.
- 4.7 Water sprinkling systems shall be provided for suppression of dust in the premises
- 4.8 Regular cleaning and wetting of ground within premises shall be carried out
- 4.9 Adequate plantation shall be carried out in the periphery of premises
- 4.10 Only approved fuel such as diesel, LDO shall be used in no case unauthorized fuel such as solvents, industrial waste shall be used.
- 4.11 The concentration of Suspended Particulate Matter in ambient air at a distance between 3 meter & 10 meter from any process equipment of crusher/quarry shall not exceed 600 microgram per cubic meter.
- 4.12 The applicant shall install & operate following measures to control emission of particulate matter shall not exceed the permissible limits.
- a) Closed Grinding & Screening System.
 - b) Water Spraying System.
 - c) Hood for screening Classifier & Crusher, Cover Conveyer belt with semicircular G.I.sheet.
 - d) Construction of wind breaking walls.
 - e) Construction of metaled road for all approach roads, ramps, vehicle movement area within premises.
 - f) Regular Cleaning & Wetting at Ground within Premises.
 - g) Dust containment cum Suppression System for the equipment.
 - h) Green Belt of 10-meter width all along the periphery.
- 4.13 The applicant shall operate air pollution control equipment very efficiently and continuously so that the concentration particulate matter always conforms to the standards Specified in condition no.4.12 above.
5. The following shall be used as fuel.

Sr.No.	Fuel	Quantity
1.	HSD for Wet Mix Plant*	40 Lit/Hr
2.	FO for wet Mix Plant	40 Lit/Hr
3.	HSD for D.G.Set	80 Lit/Hr

6. The applicant shall install & operate air pollution control system in order to achieve norms prescribed below.

3/10/18

Forwarding & Undertaking Letter from Industry

Application for consent for establishing / operation the industrial plant / plants under Section 21 of the Air (prevention & Control of Pollution) Act, 1981

Important This Document or its copy does "NOT" serve as a Supporting Document Proof of Industry's Submission of an

Note : Application for a NOC / Consent. This Letter does "NOT" ensure that the Application FEES has been paid.

Application Purpose : AS THE NEW PLANT IS TO BE ESTABLISHED AND THEREFORE APPLIED FOR CTE-FRESH

From : N G PROJECTS LTD , Category: ORANGE / SMALL

PLOT NO: SURVEY NO 33 and 35,

village: padar, near national highway no 8, ta: modasa dist: aravalli, state: gujarat ,

PADAR - 383315

Contact Person: GOPALSINH NARAYANSINH RATHOD, Mob: 9099977969,

Ph: 0

DIST: Aravalli, TAL: Modasa, SIDC: Not In Gide

Print Date: 30/08/2018

PCB-ID : 65722

INWARD : 143532

Dt: 17/08/2018

Scrutinized By: R.R. Kanaujia, DEE(440)

To,
The Member Secretary,
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector-10/A,
Gandhinagar - 382010

I / We here by Submitting application for NOC , Inward No : 143532 , Date : 17/08/2018 for CEF(CTE-Fresh).

Applying For : NOC

Validity : 7 Years

Grant By : UNH

Air Sector : 0

Water Consumption : 0.000 klpd

Haz Sector : 0

No of Plants : 1

Incenerator : 0

Investment

Air

Water

Hazardous

3.65 Crs

0

0

0+0

12500 Rs

0 Years

0 Years

0 Years

Payable Fees : Air : 0, Water : 0, Haz : 0

Paid Amount : 12500, DD No : NBBC6627721443, Dt: 8/30/2018 1:14:00 PM, at BBC , 94990349

Query / Reply:

	I / We have Uploaded the following PDFs	Date	# Files	Size(kb)	#Page
1	LPD - Land Possession Documents	17/08/18	1	2299	20
2	PLL - Plan LayOut + Site Plan	17/08/18	1	169	2
3	SSI - SSI-IBM-C.A Certi / Investment Proofs	17/08/18	1	166	2
4	MFG - Details of Mfg Processes & Diagrams	17/08/18	1	131	1
5	000 - Any Specific Information Called for [in SCRUTINY]	17/08/18	1	221	3
6	APC - Air Pollution Control Measures-Details	17/08/18	1	213	2
7	DIR - List of Directors / Partners	17/08/18	1	110	1
8	DIS - Distance Certificate from Talati	17/08/18	1	97	1

I, the applicant declare that I have submitted full and complete documents and information in conformity to the applicable acts / rules. I am aware that, any delay / rejection in the processing of application on account of incorrect / incomplete information shall be mine responsibility.



Received
G. P. C. Board
R.O., Himmatnagar.

N. G. Projects Ltd.
Gopal
Director

(GOPALSINH N. RATHOD)

Note: I am hereby enclosing NOC-Form along with my application.

Company's SEAL

1 (Through XGN)

NG PROJECTS LIMITED

N I C

Authorised Sign/Director



Gujarat Pollution Control Board
Paryavaran Bhavan, Sector-10/A, Gandhinagar - 382010

Sr. No.	Investment (Rs. in Crores)	Rate of NOC Fees
1	0 To 0.25	Rs. 1500
2	0.25 To 0.5	Rs. 2500
3	0.5 To 1	Rs. 5000
4	1 To 5	Rs. 12500
5	5 To 10	Rs. 25000
6	10 To 25	Rs. 37500
7	25 To 50	Rs. 50000
8	50 To 100	Rs. 75000
9	100 To 500	Rs. 150000
10	500 To 1000	Rs. 250000
11	1000 To 5000	Rs. 350000
12	5000 To 9999999	Rs. 500000

GUJARAT POLLUTION CONTROL BOARD

REGIONAL OFFICE : HIMMATNAGAR



In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 3(e) & 5(5) of the Hazardous Waste (Management and Handling) Rules 1989, amendment rules-2000, amended rules-2003 framed under the EP Act-1986.

And whereas Board has received consolidated consent application Inward No.148500 dated: 18/12/2018 for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions/rules of the aforesaid acts. Consents & Authorization are hereby granted as under:

CONSENT AND AUTHORISATION:

(Under the provisions / rules of the aforesaid environmental acts)

To,
M/s N G Project Ltd (GPCB ID-65722)
S. No-33 palki & 35 palki,
At & Post: padar
Tal-Modasa, Dist-Aravalli

1. Consent Order No.: AWH-33889 date of Issue: 18/12/2018.
2. The consents shall be valid up to 17/12/2023 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

Sr. No	Product	Capacity
1	Wet Mix plant Product	20,000 MT/Month
2	Grif, kapachi, metal (Two Crushing plants)	30,000 MT/Month

3. SPECIFIC CONDITIONS:

- 3.1 As per provision of Rule-18 of Solid Waste Management Rules-2016 all Industrial units using fuel and located within 100 km from the refused derived fuel (RDF) plant shall made an arrangement to replace at least five percent of their fuel requirement by refused derived fuel so produced.

- 3.2 Application shall have to comply with the guideline for Hot Mix Plant & CTE specific conditions.

4. CONDITIONS UNDER WATER ACT 1974:-

- 4.1 The quantity of the fresh water consumption for industrial purpose shall not exceed 6.0 KLPD.
- 4.2 The quantity of the fresh water consumption for domestic purpose shall not exceed 1.0 KLPD.
- 4.3 There shall be no generation of industrial effluent from the manufacturing process and other ancillary industrial operations.
- 4.4 The quantity of the domestic waste water (sewage) shall not exceed 0.4 KLPD.
- 4.5 Sewage shall be disposed of through Septic tank/soak pit system.

5. Conditions under Air Act, 1981:

- 5.1 The following shall be used as fuel.

Sr. No.	Fuel	Fuel use in	Quantity
1	HSD	For Wet Mix Concrete plant	40 ltr/Hr
2	FO	For Wet Mix Concrete plant	40 ltr/Hr
3	HSD	For D G set	80 ltr/Hr