सत्यमेव जयते

File No.: SIA/1(a)/2293/2023
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA), BIHAR)
****

Dated **26/04/2024**

To,

NISHA KUMARI
SHIV BHAWANI LANE, RANCHI UNIVERSITY, RANCHI, JHARKHAND, 834008
nishasingh93087@gmail.com

Subject: Grant of prior Environmental Clearance (EC) to the proposed Mining Project under the provisions of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application submitted to SEIAA, Bihar vide proposal number SIA/BR/MIN/453345/2023 dated 31/01/2024 for grant of prior Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC23B0107BR5642250N
(ii) File No.	SIA/1(a)/2293/2023
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vii) Name of Project	Sand Mining Project, Jamui Barnar-02 Sand Ghat of District- Jamui, State-Bihar.
(ix) Location of Project (District, State)	JAMUI, BIHAR
(x) Issuing Authority	SEIAA, Bihar
(xii) Applicability of General Conditions	No

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-2(Part A, B and C)/ EIA & EMP Reports were submitted to the SEIAA, Bihar for an appraisal by the SEAC under the provision of EIA notification 2006 and its subsequent amendments.

4. The above-mentioned proposal has been considered by SEIAA, Bihar in the meeting held on 14/04/2024. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above.

5. Details of the minerals to be mined along with production capacity and the brief on the salient features of the project as submitted by the project proponent in Form 1 (Part A and B) in the reports and as presented during SEIAA are annexed to this EC.

6. The SEIAA, Bihar in its meeting held on 14/04/2024, based on information submitted viz: Form 1 (Part A, B and C), EIA/EMP report etc & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof subject to stipulation of Specific and Standard EC conditions as detailed in the point below.

7. The SEIAA, Bihar has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the SEAC hereby accords Environment Clearance for the instant proposal to M/s. NISHA KUMARI under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (2)

8. The SEIAA, Bihar reserves the right to stipulate additional conditions, if found necessary.

9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.

10. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

11. This issue with an approval of the Competent Authority.

Annexure 2

Details of the Project

S. No.	Particulars	Details
a.	Details of the Project	Sand Mining Project, Jamui Barnar-02 Sand Ghat of District-Jamui, State-Bihar.
b.	Latitude and Longitude of the project site	24.66202690349905,86.32776648640782 24.66739840179562,86.33130742921067
c.	Land Requirement (in Ha) of the project or activity	**Nature of Land involved** / **Area in Ha** Non-Forest Land (A) / 0 Forest Land (B) / 0 Total Land (A+B) / 6.76
d.	Date of Public Consultation	Public consultation for the project was held on

S. No.	Particulars	Details
e.	Rehabilitation and Resettlement (R&R) involvement	NO
f.	Project Cost (in lacs)	53.588
g.	EMP Cost (in lacs)	1.305
h.	Employment Details	

Details of Minerals Products & By-products

Name of the Mineral to be mined	Classification of mineral [Major/Minor]	Production capacity in MTPA	Remarks
Sand	Minor	0.0887	Proposed Production: 40560 CUM per annum or 88770.4 TPA.

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, BIHAR

F. No.:- SIA/1(a)/2293/2023

Sub: **Proposed Sand Mining Project on Barnar River at "Jamui Barnar – 02" Sand Ghat, at Mauza:– Mahgaon, Block:– Sono, District:– Jamui, State:– Bihar; Area:– 6.76 Ha. [Total Production Capacity:- 40560 cum per Annum] – Environmental Clearance regarding.**

Reference:-

1. MoEF&CC ToR Proposal No. - **SIA/BR/MIN/414721/2023,** MoEF&CC EC Proposal No. - **SIA/BR/MIN/453345/2023** & SEIAA File No.:- **SIA/1(a)/2293/2023**.
2. Scrutiny fee submission dated 07-02-2023.
3. ToR issued date 14-02-2023.
4. SEAC meeting held on 06-04-2024 (For EC).
5. SEIAA meeting held on 14-04-2024 (For EC).

Sir,

This has reference to your online application for River Sand Mining by M/s **Raj Construction** for Mining of **Jamui Barnar – 02** Sand Ghat on Barnar River of District:- Jamui, State:- Bihar. The details of the projects as mentioned in application are as below:-

Sl. No.	Item	Details	
1.	Name of the project	Proposed Sand Mining Project on Barnar River at "**Jamui Barnar – 02**" Sand Ghat	
2.	Area of the project	6.76 Ha.	
3.	Depth of Mining	01 Meter	
4.	Proposed Production	40560 cum per Annum	
5.	Name of River	Barnar River	
6.	Name of Mineral	Sand	
7.	Location of the Project	Mauza:– Mahgaon, Block:– Sono, District:– Jamui, State:– Bihar	
8.	Latitude & Longitude	**Geo-Coordinates**	
		24° 39' 43.32" N	86° 19' 43.03" E
		24° 39' 51.20" N	86° 19' 39.97" E
		24° 39' 58.59" N	86° 19' 46.85" E
		24° 40' 02.58" N	86° 19' 52.69" E
		24° 39' 57.47" N	86° 19' 50.89" E
		24° 39' 51.67" N	86° 19' 46.82" E
9.	Water Requirement	Domestic Water – 0.20 KLD Dust Suppression – 1.50 KLD Green Development – 0.34 KLD	

		Total Water Requirement – 2.04 KLD		
10.	Manpower	20		
11.	Environment Management Plan Cost	**Description**	**Capital Cost (Lakh)**	**Recurring Cost (Lakh)**
		Pollution Control & Dust Suppression	--	1.5
		Pollution Monitoring	--	2.0
		Plantation and Salary for one gardener (part time basis)	0.68	0.5
		Haul Road Maintenance Cost	0.625	1.5
		Total	**1.305**	**5.5**
12.	Project Cost of Project Site	Total Project Cost - ₹ **53,72,800/-**		

PREMISES OF THE ENVIRONMENTAL CLEARANCE

This Environmental Clearance is being issued on the premises which have been substantiated / described in detail in the format of application along with enclosed affidavits / certificates / undertakings etc. furnished therewith by the project proponent:-

(i) Information provided, descriptions mentioned are complete, true and actual and no relevant fact has been concealed to obtain Environmental Clearance deceitfully by the project proponent.

(ii) River Sand Mining shall not be done in rainy Season (mid June to mid October) of each calendar year.

(iii) The Environmental Clearance holder shall take all possible precautions and safeguards for protection of Environment and control of pollution as well as road safety and mining shall be done in socially responsible manner.

Air, water, Noise pollution and visual impact due to mining operations / extraction / Transportation of mined mineral / over burden etc. shall be kept within prescribed limits in the operational area.

(iv) Mining shall only be done after obtaining valid mining lease / permit from the competent authorities and operations shall take place only within validity period of lease / permit.
All the provisions made and restrictions imposed as covered in the relevant minor mineral Rule, shall be complied with, particularly regarding EMP.

(v) *Dept. of Mines & Geology, Govt. of Bihar shall keep a strict vigil in the compliance of relevant provisions of applicable Bihar Minerals (Concession, Prevention of Illegal mining, Transportation and Storage) Rule 2019 and its amendment especially scientific execution of mining plan (as approved by they themselves) and report violations if any is found as well as action taken for the same.*

(vi) Project Proponent shall submit (to the SEIAA, Bihar, Regional Office of MoEF&CC at Ranchi, Bihar State Pollution Control Board) six monthly compliance report with evidence of the conditions within a fortnight after the end of every six month till validity period of Environmental Clearance.

(vii) *Environmental Clearance shall be liable to be revoked if furnished information, provided description / Certificates / Affidavits / Undertaking etc. are found false / concocted at any stage of its validity.*

(viii) *This Environmental Clearance is issued without affecting any court order / statutory other institutions as well as relevant other laws enacted by MoEF&CC, GoI, New Delhi.*

(ix) Mining and transportation of mined material from mine site to stock yard shall be done in the day time only to avoid noise pollution in the nearby human habitation area.

(x) No part of the mining area is in a protected or Reserve forest and it also does not fall either within a wildlife protected area or within its eco-sensitive zone.

(xi) Project Proponent shall intimate SEIAA immediately if there is any change in their official address / E-mail / Ph. No / Cell. no etc failing which communication sent to them on old address shall be considered as delivered.

A. Specific Condition

1. The Project Proponent shall obtain all necessary clearance/ permission from all concerned departments before commencement of mining works.

2. **The Environmental Clearance will be valid for mine lease period subject to a ceiling of 5 years.**

3. The project proponent before starting any activity /preparation of ground, on the leased area shall demarcate his lease hold by RCC pillars erected at the cost of lease holder after certification of the mining officer. On each pillar Geo-Coordinate and fore bearing/ back bearing shall be written with permanent paint mark as described in the mining plan. All the

pillars should remain intact at same geo–coordinate. Establishment/ labeling of Benchmark at each pillars or ground control points.

4. Extraction of sand beyond annual production capacity is not permitted.

5. The Project Proponent should undertake the sand mining limited to 01 meter (one meter) depth by semi-mechanised method (without using any heavy machine), preferably by manual excavation.

6. Extraction will be carried out up to a maximum depth of 01 meter from surface of mineral deposit and not less than one meter from the water level of the River channel whichever is earlier.

7. No mining shall be carried out in the areas prominently used by wild animals (birds and reptiles) for nesting. Restricted working hours-Sand mining operation has to be carried out between 6 am to 7 pm.

8. No mining shall be carried out in 3 meter wide strip from the river bank in a River flood plain and within flowing/live water channel.

9. To maintain the safety and stability of Riverbanks, 3 meter or 10% of the width of the River whichever is more will be left intact as "No Mining Zone".

10. No stream shall be diverted for the purpose of sand mining. No natural water course and / or water reservoirs shall be obstructed due to mining operations.

11. The pollution due to transportation load on the environment will be effectively controlled & water sprinkling will also be done regularly. Vehicles with PUCC only will be allowed to ply. The mineral transportation shall be carried out through covered vehicles / trucks only and the vehicle shall not be overloaded. Project should obtain 'PUC' certificate for all the vehicles from authorized pollution testing centre.

12. The stacking area of mined-out sand which shall be situated near the mining site within a fenced area from all sides to avoid being spread in the nearby areas by high winds and the height of stacking should not exceed 2 meter. Transportation shall be confined to day time only that is from sunrise to sunset, to avoid inconvenience to local population in anyway.

13. Rubbish burial shall not be done in the Rivers.

14. Adequate steps shall be taken to check soil erosion and control of debris flow etc. by constructing engineering structures.

15. Mining activity shall not be done for mine lease where mining can cause danger to site of flood protection works, places of cultural, religious, historical, and archaeological importance.

16. The approach road from loading point upto main road shall be properly developed with proper width and geometry required for safe movement of traffic by lease holder at his own cost.

17. Main haulage road in the mine shall be provided with permanent water sprinklers and other roads shall be regularly wetted with water tankers fitted with sprinklers.

18. Transportation of the Minerals by road passing through the village shall not be allowed. A 'bypass' road should be constructed (say, leaving a gap of at least 200 meters) for the purpose of transportation of the minerals so that the impact of sound, dust and accidents could be mitigated. The Project Proponent shall bear the cost towards the widening and strengthening of existing public road-network in case the same is proposed to be used for the Project. No road movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads.

19. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.

20. Project Proponent shall appoint a Monitoring committee to monitor the replenishment study, traffic management, levels of production, river Bank erosion and maintenance of Road etc.

21. Project Proponent shall submit the annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

22. Regular monitoring of the flow rate of the springs and seasonal stream flowing in and around the mine lease shall be carried out and records maintained. Regular monitoring of water quality upstream and downstream of water bodies shall be carried out and record of monitoring data should be maintained and submitted to the SEIAA, Bihar, Regional office, Ranchi, Central Ground water Authority, Regional Director, Central Ground water Board, State Pollution Control Board and Central Pollution Control Board.

23. The project proponent shall abide by the Hon'ble Supreme Court order dated 08.01.2020 [Writ Petition 9 (s) (Civil No. (s) 114/2014]. Proposal of re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. In compliance to the direction dated 8th January, 2020 of Hon'ble Supreme Court in Writ Petitioner(s) Civil No. 114/2014, Common Cause Vs Union of India & Ors.

24. The individual sand ghat-miner will take appropriate measures to avoid parking of empty / loaded vehicles on nearest highway/ public roads to avoid traffic congestion.

25. Project Proponent will adhere to all applicable provisions of Sustainable Sand Mining Management Guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 (EMGSM – 2020) issued by Ministry of Environment, Forest and Climate Change, Government of India. In case, any ambiguity or variation between the provision of both these document arises, the provision made in "Enforcement and Monitoring Guidelines for Sand Mining – 2020" shall prevail.

26. All specific and general conditions which are of public concern at large shall be permanently displayed at a prominent place for public along with address and contact details of authority where the violation of EC conditions can be reported.

27. Project proponent shall erect a signboard on his project site and display information regarding name of the project, No. & date of validity period of EC, annual production capacity of the mineral and other relevant information for the general public.

B. General condition

1. No stacking of sand is allowed on road side of any public road including national highways/ State highways.

2. No labour camp shall be allowed in riverbed.

3. Provision shall be made for housing labour with all necessary infrastructure and facilities (outside mining Block and river-bed) such as fuel for cooking, toilets / mobile toilets, safe drinking water, First-Aid facilities, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

4. Labour & Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health

aspects. Occupational health surveillance program of the workers shall be undertaken periodically to observe any adverse health impact due to exposure to dust and take corrective measures, if needed.

5. The Project Proponent shall make arrangements for safe drinking water, first aid facility along With anti-venom injection, in case of emergency for the workers.

6. The project proponent shall maintain register for production and dispatch of mineral and submit periodic return (six-monthly) to the SEIAA, Bihar / Regional Office of Ministry of Environment, Forest and Climate Change, Government of India, Ranchi. If the remaining period of lease is for less than a year, the Project Proponent shall submit a monthly return of production.

7. The EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicle and mine plan. This should be produced before officers of Central and State Government for inspection whenever asked for.

8. Regular monitoring of ground water table shall be carried out at the upstream and depth of water available in the adjoining dug-well.

9. Monitoring of Ambient Air Quality, Water Quality & Noise Quality shall be carried out as per the Notification, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places of loading and unloading points & transfer points to reduce all sorts of fugitive emissions.

10. The funds earmarked for environmental protection measures should be kept in a separate bank account and should not be diverted for other purpose. Year-wise expenditure should be reported to the SEIAA, Bihar.

11. The Project proponent shall provide all necessary logistic support to the authorized officer of this authority as and when required. They will facilitate and assist the authority in site inspection and monitoring.

12. All the provisions made and restrictions imposed as envisaged in the Bihar Minor Mineral Rule, shall be complied with; particularly regarding Environment Management and payment of compensation to the affected land owner(s).

13. No change in mining technology and scope of working should be made without prior approval of the SEIAA, Bihar.

14. The Ministry / SEIAA may alter / modify the above conditions or stipulate any additional condition(s) in the interest of environment.

15. Concealing of factual data or submission of false / fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal/suspension of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

16. The instruction contained herein above regarding air and noise pollution and details of mining proposals shall be displayed on Signboard in Hindi for the public information.

17. The SEIAA may impose additional conditions in the interest of Environment & Ecology whenever it becomes necessary to do so.

18. Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.

C. Special Conditions

1. The proposed plantation consisting of mixture of indigenous and fast growing species of trees must be done and proper care must be taken to ensure 100% survival. Plantation of a minimum of 5 feet tall plants must be done in the 1st year of lease period and properly maintained till the validity of Environmental Clearance.

2. The Project Proponent shall execute and conduct measurable Corporate Environment Responsibility (CER) activities like facilities for drinking water supply, infrastructure creation, solar power, Rain Water Harvesting, Solid Waste Management Facilities, sanitation, essential furnitures for the local government schools and Anganwadi Kendras. A display board must be placed for the information to the public (with intimation to the concerned District Magistrate and the concerned district level officers of the concerned departments).

3. Under the Corporate Environment Responsibilities the modalities of all expenditure on skill development programme need to be done in consultation with and guidance of Bihar Skill Devolvement Mission, with intimation to the concerned District Magistrate, State Environment Impact Assessment Authority and Bihar State Pollution Control Board, Patna.

4. Project Proponent has to fix display board on each mining site mentioning thereupon various activities to be done under Environment Management Plan (EMP).

5. The Project Proponent must maintain existing ponds nearby, if any.

6. Proper care should to be taken during transportation of sand from the sand mining site. There should be freeboard of atleast 03 inches from the body level of the vehicle, so that the sand doesn't get spilled on the road and doesn't affect the air quality as well.

7. The Project Proponent to install lightning arrestor in the area concerned to protect the inhabitants from hazards like lightning.

8. The Proponent must submit untreated high resolution satellite images with stereoscopic 3D view from the National Remote Sensing Center (NRSC), Hyderabad for the month of June and December every year, along with the respective half-yearly compliance report in hard and soft copy.

Sd/-

(Abhay Kumar)
Member-Secretary
SEIAA, Bihar

Copy, through email, for information and necessary action to :–

1. The Secretary, Environment, Forest and Climate Change Deptt., Govt. of Bihar, Sinchai Bhawan, Patna - 15.
2. The Additional Chief Secretary, Mines and Geology Deptt., Govt. of Bihar, Vikas Bhawan, Patna - 15
3. The Chairman, SEAC, Bihar.
4. The Member Secretary, Bihar State Pollution Control Board, Patna-23.
5. The Director, Mines and Geology Deptt., Govt. Of Bihar, Vikash Bhawan, Patna – 15.
6. MoEF&CC, Integrated Regional Office, Ranchi, 2nd Floor, Headquarter - Jharkhand State Housing Board, Harmu Chowk, Ranchi, Jharkhand - 834002.
7. Guard file.

25/04/24

(Abhay Kumar)
Member Secretary,
SEIAA, Bihar

Signature Not Verified

Digitally Signed by : Shri Abhay Kumar IFS
Member Secretary, SEIAA

Date: 26/04/2024