



सत्यमेव जयते

File No.: SEIAA-1327/02-2021  
Government of India  
Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment Authority(SEIAA),  
ODISHA)

\*\*\*



Dated 10/01/2025



To,

SRI RANJITE KUMAR JENA  
S/o- Narayan Jena  
At-Nuagan,Po-Athantar, KHORDHA, ODISHA, 752102  
jena.ranjitkumar1980@gmail.com

**Subject:** Grant of Transfer of EC letter no.2050/SEIAA dt. 05.08.2021 to the project of Hariharjhor Jatesingha Sand Bed under the provision of the EIA Notification 2006 and as amended thereof regarding.

**Sir/Madam,**

This is in reference to your application submitted to SEIAA, Odisha vide proposal number SIA/OR/MIN/491981/2024 dated 09/08/2024 for grant of transfer of EC letter no.2050/SEIAA dt. 05.08.2021 to the project of Hariharjhor Jatesingha Sand Bed over an area of 11.25 acres or 4.552 hectares in village Hariharjhor Jatesingha under Birmaharajpur Tahasil of Subarnapur District from name of Tahasildar, Birmaharajpur to Sri Ranjit Kumar Jena, the successful bidder/lessee under the provision of para 11 of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24C0107OR5357973T
(ii) File No.	SEIAA-1327/02-2021
(iii) Clearance Type	Transfer of EC
(iv) Category	B2
(v) Schedule No./ Project Activity	1(a) Mining of minerals Proposal For Transfer of Environmental Clearance of Hariharjhor Jatesingha Sand Bed Over an Area of 11.25 Acres or 4.552 Hectares in Village Hariharjhor Jatesingha Under Birmaharajpur Tahasil of Subarnapur District.
(vii) Name of Project	SONEPUR, ODISHA
(viii) Location of Project (District, State)	SEIAA, Odisha
(ix) Issuing Authority	05/08/2021
(x) EC Date	SRI RANJITE KUMAR JENA, At-Nuagan,Po-Athantar, Dist-Subarnapur-752102
(xi) Details of Transferee	Tahasildar, Birmaharajpur, Subarnapur-767018
(xii) Details of Transferor	

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-7 were submitted to the SEIAA under the provision of Para 11 of the EIA notification 2006 and its subsequent amendments. Details in Form 7 can be accessed on PARIVESH portal by scanning the QR Code above.
4. The SEIAA, Odisha has examined the requisite information/documents required for transfer of EC in 183<sup>rd</sup> meeting held on 23.12.2024 in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and hereby accords Transfer of EC letter no. 2050/SEIAA dt. 05.08.2021 of Hariharjhor Jatesingha Sand Bed over an area of 11.25 acres or 4.552 hectares in village Hariharjhor Jatesingha under Birmaharajpur Tahasil of Subarnapur District, Odisha to Sri Sri Ranjite Kumar Jena, the successful bidder/lessee as requested by the Mining Officer, Sonepur (Subarnapur) vide letter no. 195dated 01.08.2024 under the provisions of EIA Notification, 2006 and as amended thereof. The other stipulated terms and conditions of the original EC initially granted on 05.08.2021 remain same subject to compliance of EC conditions issued vide EC letter dated 05.08.2021 along with additional stipulation as follows:

#### Stipulations

Sl. Descriptions	Stipulation
(i) Lease Area:	11.25 Acres or 4.552 Ha.
(ii) No Mining Zone:	(i). The PP shall maintain safety and stability of Riverbanks i.e. 3 meter or 10% of river width whichever is more for protection of river bank and (ii). 7.5-meter safety zone from all sides of lease boundary. (iii). No stream should be diverted for the purpose of sand mining. No natural water course and/ or water resources are obstructed due to mining operations.
(iii) Maximum Depth of Mining:	of 1.0 meter as per the approved mining plan
(iv) Method of Mining:	Manual
(v) Permitted Quantity:	<b>5000 cum/annum for 1<sup>st</sup> year</b>
(vi) Validity Period of EC:	of The validity of EC is for lease period or 5 years whichever is earlier.
(vii) ARRS report	The PP shall carry out the ARRS study through a NABET or ORSAC empanelled agency and submit to SEIAA, Odisha by <b>31<sup>st</sup> December 2025</b> .

#### 5. ENVIRONMENTAL CONDITIONS AND SAFEGUARDS WHICH NEED TO BE COMPLIED WITH BY THE TAHASILDAR/MINING OFFICER BEFORE LEASE AGREEMENT:

- Boundary Demarcation: - The boundary of the lease area shall be demarcated on ground at the project cost, by erecting 1.20 meter (4 feet approx.) high reinforced concrete pillars above ground, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates by any empanelled agency of ORSAC.
- Digital Map: -A digital map (in KML format as well as PDF version) showing GPS coordinates of all boundary pillars duly countersigned by the Tahasildar/Mining officer shall be submitted to SEIAA, Odisha through email at [seiaaodisha@gmail.com](mailto:seiaaodisha@gmail.com).
- Intimation of EC: -The copies of the EC shall be sent to the Sarpanch (s) of the concerned Gram Panchayat (s), Urban Local Bodies and relevant other Offices of the Government with a request to display the same for 30 days from the date of receipt. The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board and web site of the Ministry of Environment, Forest and Climate Change ([www.parivesh.nic.in](http://www.parivesh.nic.in)). A copy of the advertisement may be forwarded to the concerned MoEF&CC Regional Office for compliance and record.
- Tree Plantation:-The PP shall plant 100 nos. of tree species like Banyan (*Ficus benghalensis*), Peepal(*Ficus religiosa*), Neem (*Azadirachta indica*), Jamun(*Syzygium cumini*), Mango(*Mangifera indica*), Karanj(*Pongamia pinnata*), Arjun(*Terminalia Arjuna*), Jack fruit (*Artocarpus heterophyllus*), Siris (*Albizia lebbeck*), etc.. as part of tree plantation campaign "Ek Ped Maa Ke Naam" and the details of the same shall be uploaded in the MeriLiFE Portal (<https://merilife.nic.in>).The PP shall submit the status of plantation during every six-months (06) compliance of EC conditions with geo-coordinating photographs.
- State EMF Fund: - An amount equal to five percent (5%) of the royalty payable shall be collected from the lessee by the Tahasildar/Mining Officer and deposited to the State Environment Management Fund, which will be utilized

as per provisions of Rule 49(3) of the OMMC Rule, 2016 preferably, in and around the areas where mining activities are undertaken.

- Condition by Collector: - Any other condition(s) the Collector & Chairman, District Environment Impact Assessment Authority (DEIAA), may impose in the interest of protection and safeguarding the local environment.
- Compliance report for Transfer of EC: - Any transfer of EC to a PP/Lessee shall be considered by SEIAA, Odisha only after receipt of the full compliance report through Tahasildar/Mining Officer concerned of the above environmental conditions and safeguards.

Other conditions/NOC:- Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee

6. Annual Replenishment Rate Study of Sand: -The Project Proponent shall carry out Annual Rate of Replenishment study of sand by ORSAC empanel agency or NABET Consultant as per prescribed drone method of MoEF & CC, Govt. of India by collecting pre monsoon & post monsoon data from the field to know the quantum of volume of sand deposited/replenished & extracted in the mining lease area. The detailed comparison of both pre-monsoon and post-monsoon elevation data shall be included in the study report. The detailed methodology for finding the rate of replenishment study of sand is laid down in the Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF & CC, Govt. of India. The finding of the study shall be submitted to SEIAA to assess the actual rate of replenishment of mined out sand in the lease area. PP shall carry out Annual Rate of Replenishment Study (ARRS) through ORSAC empanel agency in every year and submit the report to SEIAA, Odisha during submission of EC compliance with attaching real-time geo-coordinating photographs both pre and post monsoon data collection time.
7. No change in the mining plan without prior approval of SEIAA: - Any change in the calendar plan, change in production quantity or method of mining shall not be made without prior approval of the SEIAA. Mining activity shall adhere to the working parameters of the approved mining plan prepared for this project. The detailed production of sand from the lease area of each year shall be submitted in tabular form during submission of compliance report.
8. **No Working Zone:** - The lessee shall ensure that no sand mining is carried out in the areas as specified below: -
  - During the rainy season;
  - Within the water channel or stream flow area throughout the year;
  - Mining shall not be undertaken in a mining lease located in 200-500 meter of bridge, 200 meter upstream and downstream of water supply/irrigation scheme, 100 meter from the edge of National Highway and railway line, 50 meter from a reservoir, canal or building, 25 meter from the edge of State Highway and 10 meter from the edge of other roads except on special exemption by the Sub-Divisional level Joint Inspection Committee.
  - The mining or any ancillary activity shall not in any way disturb the flow pattern of the river water during the non-monsoon period.
  - No stream shall be diverted for the purpose of sand mining and no natural water course shall be obstructed.
  - Sand mining operations shall not affect the existing sources for irrigation / drinking water / industrial purposes.
  - The natural sand dunes, if any, near or surrounding the lease area shall not be disturbed
9. **Transport Safeguards:**
  - No transportation of the minerals shall be allowed on any road passing through villages/habitations without prior explicit permission.
  - Transportation of minerals through existing rural roads can be allowed only by the concerned Govt. Department/ Gram Panchayat/BDO after required strengthening such that the carrying capacity of the road is increased to handle the mineral carrying truck traffic. The project proponent shall bear the cost towards the widening and strengthening of existing public roads in case the same is proposed to be used for the project.
  - Project proponents shall ensure that the transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and traffic density.
  - Vehicles hired for transportation of minor minerals from the site should be in good condition and should have pollution check certificates and should conform to applicable air and noise emission standards and should be operated only during non-peak hours. Speed of vehicle be regulated and in no case >30 Kms / hr be allowed.
  - The vehicles shall not be overloaded and shall be covered with Tarpaulin. The Tahasildar/ Mining Officer may collect an appropriate additional road maintenance levy from the lessee as part of the lease conditions on the basis of quantum of mineral transported, and utilize the proceeds of the levy for proper maintenance of the extraction paths and roads to prevent their degradation on account of plying of mineral carrying trucks.
  - Water spraying should be made on the village road to control particulate matter (dust particles) pollution in surrounding air during transportation from the quarry. Garland drain shall be constructed on the hill slope to arrest

downward flow of particulate matter with rainwater

10. Other Environmental Conditions: -The Project Proponent shall follow all the provisions of Sand Policy of Govt. Of Odisha dated 02.09.2021 for this sand mining project.
  - The Tahasildar/ Mining Officer shall take adequate measures to prevent unauthorized mining;
  - The project proponent should carry out river bed sand mining manually by engaging local laborers to check over exploitation of sand at the source;
  - The lessee shall ensure safety of human life and livestock from accidents in case the village / any habitation is very near the mining lease area.
  - At the end of mine closure, the proponent shall immediately remove all the sheds put up in the quarry and all the equipment in the area before closure of the quarry
11. Half-yearly Compliance Report: -It shall be mandatory for the project management to submit half yearly compliance reports on the status of implementation of the above stipulated environment. The project authority is mandatory to upload the compliance report of EC conditions including results of monitored data, as applicable in the website of the Ministry for monitoring of EC Conditions. No hard copy and soft copy required to submit to SEIAA, Odisha, failing which EC is liable to be revoked.
12. Concomitant Monitoring: - The conditions stipulated in the environmental clearance will be closely monitored on the ground by the lease granting authority, i.e. the Tahasildar/mining officer, who shall ensure compliance of the stipulated conditions and take corrective measures promptly in case of any non-compliance and also ensure that the project proponent submits half yearly compliance reports.
13. Independent Monitoring: -The concerned Regional Office of the MoEF & CC/ SPCB, Odisha shall periodically monitor compliance of the stipulated conditions as applicable for this project. The project authorities should extend full cooperation to the MoEF & CC officer(s)/SPCB officer(s) by furnishing the requisite data / information / monitoring reports
14. The SEIAA, Odisha may revoke or suspend the clearance, if implementation of any of the EC conditions is not satisfactory. The SEIAA, Odisha reserves the right to stipulate additional conditions, if found necessary.
15. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of the prior EC issued vide dated 05/08/2021.
16. This issue with the approval of the Competent Authority.

#### **Copy To**

1. Principal Secretary, Forest, Environment & Climate Change Dept., Government of Odisha for information.
2. Member Secretary, State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-8, Bhubaneswar for information.
3. The Director of Mines, Steel & Mines Dept, Govt. of Odisha Bhubaneswar for information.
4. Additional Principal Conservator of Forests, Integrated Regional Office (IRO), Ministry of Environment & Forests, A-31, Chandrasekharpur, Bhubaneswar for information.
5. Chairman, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, New Delhi-110032 for information.
6. Chairman/Member/Member Secretary, SEIAA for information.
7. Member Secretary, SEAC, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for information.
8. Collector & DM, Subarnapur, Sub-Collector, Subarnapur, Deputy Director of Mines, Subarnapur, DFO, Subarnapur, RO, SPCB, Subarnapur, Tahasildar, Birmaharajpur /Mining Officer, Subarnapur for Information and necessary action.
9. Guard file for record/Website/Parivesh Portal

#### **Additional EC Conditions**

1. The extraction quantity of sand limited to **5000 cum/annum** in 1st year as per with depth of mining 1.0 meter as per approved mining plan.
2. The EC is valid upto lease period or 5 years whichever is earlier.
3. The Annual Rate of Replenishment Study (ARRS) is to be conducted through ORSAC empanel agency or NABET Consultant as per the prescribed guidelines and the PP shall submit the report latest by **31<sup>st</sup> December, 2025**.

4. The PP shall implement the EMP as proposed in the EMP report during EC application.
5. The PP shall plant **100 nos.** of tree species like Banyan (*Ficus benghalensis*), Peepal(*Ficus religiosa*), Neem (*Azadirachta indica*), Jamun(*Syzygium cumini*), Mango(*Mangifera indica*), Karanj (*Pongamia pinnata*), Arjun (*Terminalia Arjuna*), Jack fruit (*Artocarpus heterophyllus*), Siris (*Albizia lebbek*), etc. as part of tree plantation campaign "**Ek Ped Maa Ke Naam**" and the details of the same shall be uploaded in the MeriLiFE Portal (<https://merilife.nic.in>).The PP shall submit the status of plantation during every six-months (06) compliance of EC conditions with geo-coordinating photographs.
6. The compliance of EC conditions of said quarry shall be monitored by DEIAA, concerned lease granting Authority either Mining Officer or Tahasildar, RO, SPCB, Odisha and Integrated Regional Office of MoEFCC, Bhubaneswar as per MoEF & CC, Govt. of India S.O. 141(E) in EIA Notification dated 15.01.2016.
7. The Project Proponent shall uploaded/submitted six monthly EC compliance in the Parivesh Portal of MoEF & CC., Govt. of India only falling which the EC is liable to revoked

