



सत्यमेव जयते

File No: SEIAA.3649/2024

Government of India

Ministry of Environment, Forest and Climate Change

(Issued by the State Environment Impact Assessment Authority(SEIAA),
ASSAM)



Dated 19/07/2024



To,

Sang Wangchu
YFC-TTC(JV)
TTC Apartment, Salagaon, P.O. Shalonibari, Dist. Sonitpur, ASSAM, 784105
info@ttcinfraindia.com

Subject: Grant of EC under the provision of the EIA Notification 2006-regarding.

Sir/Madam,

This is in reference to your application for Grant of EC under the provision of the EIA Notification 2006-regarding in respect of project Pachim Dairong and Pub Jira Sand Mining Permit Area submitted to SEAC & SEIAA vide proposal number SIA/AS/MIN/454836/2023 dated 08/12/2023.

2. The particulars of the proposal are as below :

(i) EC Identification No.	
(ii) File No.	SEIAA.3649/2024
(iii) Clearance Type	EC
(iv) Category	B2
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vii) Name of Project	Pachim Dairong and Pub Jira Sand Mining Permit Area
(viii) Name of Company/Organization	YFC-TTC(JV)
(ix) Location of Project (District, State)	GOALPARA, ASSAM
(x) Issuing Authority	SEIAA
(xii) Applicability of General Conditions	yes
(xiii) Applicability of Specific Conditions	yes

In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A and B) were submitted to the State Expert Appraisal Committee (SEAC), Assam under the provision of EIA notification 2006 and its subsequent amendments.

The above-mentioned proposal has been considered by State Expert Appraisal Committee (SEAC) in the meeting held on 06/04/2024. The minutes of the meeting and all the Application and documents submitted (viz. Form-1 Part A and Part B)

are available on PARIVESH portal which can be accessed by scanning the QR Code above.

The brief about configuration of plant/equipment, products and by products and salient features of the project along with environment settings, as submitted by the Project proponent in Form-1 (Part A and B) /presented during SEIAA are annexed to this EC as Annexure (1).

The SEIAA, in its meeting held on 06/04/2024, based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of EC under the provision of EIA Notification, 2006 and as amended thereof subject to stipulation of specific and general conditions as detailed in Annexure (2).

The SEAC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after recommendations of the State Environment Impact Assessment Authority (SEIAA) hereby decided to grant EC for instant proposal of Sang Wangchu, YFC-TTC (JV) under the provisions of EIA Notification, 2006 and as amended thereof.

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

The EC 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.

This issues with the approval of the Competent Authority.

The extraction of Sand from the area within the limits of the GPS Co-ordinates as under:

Longitude Latitude

1. 90⁰37'58.833" E 25⁰58'55.649" N
2. 90⁰38'1.145" E 25⁰58'27.768" N
3. 90⁰38'3.879" E 25⁰58'28.777" N
4. 90⁰38'1.050" E 25⁰58'56.390" N

EC is approved for project area allotted 4.98ha and mining area 4.51ha with the recommended quantity of 66,720cum of Sand- Gravel in 2 (two) years as per the approved Mining Plan @ 33,360cum, annually subject to the terms and conditions laid down by SEAC, Assam.

Copy To

1. The Joint Secretary, Ministry of Environment, Forest and Climate Change, Government of India, MOEF&CC, Indira Paryavaran Bhawan, Jorbagh Rd, New Delhi-110003.
2. The Secretary to the Govt. of Assam, Environment & Forest Department, Dispur, Guwahati-6 Cum Member Secretary, SEIAA, Assam for favour of kind information.
3. The P.C.C.F, HoFF, Govt. of Assam, Panjabari, Guwahati-37 for favour of kind information.
4. The Divisional Forest Officer, Goalpara Forest Division, Dist. Goalpara, Assam for information & necessary action to ensure that all **Specific Conditions & General Condition** are complied with.
5. The Integrated Regional Office, Ministry of Environment, Forest & Climate Change, 4th Floor, Housefed Building, G.S. Road, Rukminigaon, Guwahati-22 for kind information.
6. Office Copy.

Annexure 1

Specific EC Conditions for (Mining Of Minerals)

1. Specific Conditions By Seac

S. No	EC Conditions
1.1	<p>This is subject to the conditions that the project Proponent shall have to strictly follow all the terms and conditions laid down in the approved mining plan and also with the conditions that: (a) mining shall be confined and limited to the area falling within GPS coordinates; (b) the active bank of the river is not disturbed / damaged because of mining operation and transportation of mining materials and (c) the Proponent is permitted to extract the approved quantity of river bed Sand with maximum mining depth of up to 2(two) mtrs from the non-mined surface.</p> <p>It is further required that for mining in river beds and in flood plains the Consent to Establish / Consent to Operate (CTE / CTO) are essentially required to be obtained from the State PCB in terms of the guidelines circulated by the CPCB / MoEF & CC for non manual extraction.</p> <p>It is also stressed upon by the Committee that as a part of the Corporate Environment Responsibility (CER) the Proponent shall under take plantation activities in the nearby Institutions, Public places, Graveyards etc involving local youths, NGOs etc with evergreen species of plants having aesthetic value, medicinal value. Efforts should also be made to label the plant species as far as practicable in Scientific parlance and Vernacular language. The fund so required (2% of the project cost) may be earmarked for the purpose and put at the disposal of the DFO concerned in advance for necessary activity timely in planting season.</p> <p>The Divisional Forest Officer, Goalpara Division shall ensure due vigilance in the mining area to avert any kind of irregularities / illegalities during the mining period. Further, DFO is to ensure that mining be allowed only within the approved mining site and not beyond the limit of the same. Accordingly, DFO shall also ensure marking the boundary of the mining site on the ground fixing permanent concrete pillars, painted yellow with the coordinates depicted there in on the pillars / posts, following the GPS coordinates mentioned in the approved mining plan.</p>

2. Specific Condition By Seiaa

S. No	EC Conditions
2.1	<ol style="list-style-type: none"> 1. The existing structure over the river is a temporary bamboo foot bridge used by the villagers and 50 m on either side of the bridge is kept as a safety zone where no mining activity is allowed as a common understanding and occasionally the villagers get the bridge repaired in due cooperation with the lessee / permit holders who are also engaged in the mining activity as a matter of livelihood. 2. The depth of excavation should not be more than 1.00mts. 3. The sand should not be excavated within a distance of 750m from Domoni Bridge.

Standard EC Conditions for (Mining of minerals)

1. Air Quality Monitoring And Mitigation Measure

S. No	EC Conditions
1.1	<p>Adequate ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring of air pollutants. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive receptors in consultation with the State Pollution Control Board. Online ambient air quality monitoring station/stations may also be installed in addition to the regular air monitoring stations as per the requirement and/or in consultation with the PCBA</p>

S. No	EC Conditions
1.2	Major approach roads should be properly maintained with dust suppression measures and the river bank in any case must not be damaged.
1.3	The transportation of materials shall be carried out as per the provisions and route proposed in the approved mining plan. Transportation of the materials through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.
1.4	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.
1.5	Adequate number of Fog canon (mist sprayer) shall be installed to reduce the impact of air pollution at dust generating sources with time bound action plan.

2. Corporate Environment Responsibility

S. No	EC Conditions
2.1	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders.
2.2	Self environmental audit shall be conducted annually.

3. Land Recalculation

S. No	EC Conditions
3.1	Native tree species shall be selected and planted over areas affected by subsidence.

4. Mining Plan

S. No	EC Conditions
4.1	Mining shall be carried out as per the approved mining plan (including Mine Closure Plan) abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).
4.2	No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.
4.3	Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.

S. No	EC Conditions
4.4	No change in mining method i.e. UG to OC, calendar programme and scope of work shall be made without obtaining prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC).

5. Miscellaneous

S. No	EC Conditions
5.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
5.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
5.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
5.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5.5	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
5.6	The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.
5.7	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
5.8	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
5.9	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
5.10	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
5.11	The Regional Office of MOEF & CC shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

S. No	EC Conditions
5.12	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
5.13	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours

6. Noise And Vibration Monitoring And Prevention

S. No	EC Conditions
6.1	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
6.2	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

7. Public Hearing And Human Health Issues

S. No	EC Conditions
7.1	Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.
7.2	PP must ensure an emergency action plan during pandemic in order to provide assistance to the nearby villages located within the 10 km radius buffer zone (If required)
7.3	PP is asked to also identify the rural areas for installation of solar light with its maintenance within the study area of 10 km radius buffer zone with time bound action plan
7.4	PP to take measure for installation of Renewable Energy sources in nearby area falling within 10 km radius

8. Statutory Compliance

S. No	EC Conditions
8.1	The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project
8.2	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
8.3	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
8.4	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Pollution Control Board Assam.
8.5	The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.
8.6	Validity of EC is as per life of the mine mentioned in EC letter or 30 years as per EIA Notification, 2006 and its amendments therein

9. Water Quality Monitoring And Mitigation Measures

S. No	EC Conditions
9.1	Monitoring of water quality upstream and downstream of river including ponds, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.
9.2	The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.
9.3	The project proponent shall take all precautionary measures to ensure reverian/ riparian ecosystem in and around the coal mine upto a distance of 5 km. A reverian /riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government.