

No. J-11015/433/2013-IA.II(M)(Pt.)
Government of India
Ministry of Environment, Forest & Climate Change
Impact Assessment Division

3rd Floor, Vayu Wing,
Indira Paryavaran Bhawan,
Jorbagh Road, Aliganj,
New Delhi-110 003

Dated: 29th June, 2018

To

Lessee Shri Naresh Gautam
S/O Shri Purashotam Gautam
R/o Menoli, Tehsil-Keshoraypatan.
District – Bundi, Rajasthan – 323 601

Email- mkpatodi@gmail.com
Tel. 09414190407

Sub.: Mining of River Sand Bajri (Minor Mineral) with production capacity of 7.49 lakhs TPA (ROM) by Lessee Shri Naresh Gautam, located at Revenue villages of Tehsil- Keshoraypatan viz. BhainsKhera, Morkundna, Chorera, Gothra, Lohli, Kodiza, Jhali Ji kaBarana, Dingsi, BoradaKachiyan, Jaleda, Mayza, Baldara, Jaithal, Tehsil- Keshoraypatan; District: Bundi, Rajasthan. (MLA 141.45ha)–Information regarding.

Sir,

The proposal of Shri Naresh Gautam is for mining of River Sand Bajri (Minor Mineral) with proposed production capacity of 7.49 lakhs TPA (ROM). The mine lease area is located at Revenue villages of Tehsil- Keshoraypatan viz. BhainsKhera, Morkundna, Chorera, Gothra, Lohli, Kodiza, Jhali Ji kaBarana, Dingsi, BoradaKachiyan, Jaleda, Mayza, Baldara, Jaithal, Tehsil- Keshoraypatan; District: Bundi, Rajasthan in the area of 141.45 ha. The mine lease area lies on the Mej&Kural River bed & nallah.

2. The proposal of EC was recently appraised before the EAC in its meeting held during **May 30-31, 2018** wherein the Committee has made the detailed deliberations. The representatives of State Government of Rajasthan were also present during the meeting. Based on the detailed deliberations and discussions, the Committee **deferred** the proposal. The detailed Minuets of EAC meeting may kindly be seen at **<http://environmentclearance.nic.in>**. **The EAC has also suggested that the proposal can only be considered after submission of the following requisite information/clarifications from State Govt. of Rajasthan and Project Proponent:-**

- (i) Details of Scientific Replenishment Study report needs to be presented with other requisite information.
- (ii) DMG, State Government to submit demarcated river stretch through latitudes and longitudes (out of the total lease) where river sand/bajri mining can be permitted based on available reserves and Original Ground Level (OGL) at each cross section in consultation with State Irrigation Department;
- (iii) PP and Consultant to submit latitudes and longitudes of the identified cross section, duly authenticated by State Government, which shall be used for replenishment study

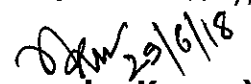
in future for calculation of replenishment amount/ rate;

- (iv) PP to give undertaking that only Scrapers shall be used for mining to ensure that the mining depth be maintained as 1.0 meters (max.) from Original Ground Level and No other heavy machinery like bucket excavators, JCB machines etc. shall be used which may adversely impact the aquatic biota;
- (v) State Government of Rajasthan shall regulate the mining operations made by PP and submit report to MoEF&CC on quarterly basis. It shall also be ensured that levelled cross section is made before the onset of next rainfall season; and
- (vi) State Department of Mines & Geology and PP are required to submit District Survey Report (DSR) in line with provisions made in Ministry's notification dated 15.01.2016.
- (vii) The Committee deliberated the issues and is of the view that **Department of Mines and Geology, Government of Rajasthan shall first confirm whether the instant LOI/Lease is valid or not before consideration of the Proposal.**
- (viii) The PP is required to submit the sections clearly marking the lateral and depth extents of present ground profile as well as proposed excavation profile at individual sections. The same needs to be verified/approved by the State Mines and Geology Department, Govt. of Rajasthan.
- (ix) The PP needs to submit a database in structured tabulated form clearly mentioning the nomenclature of the section line, latitude and longitude of both the extents of section line, chianages and respective levels (RL, AMSL) of all the points taken on that section line. That means with the help of this database profile of ground at that section line can be drawn with the help of suitable CAD software.
- (x) Thus with the help of existing ground profile and proposed extents of excavation considering the stipulations of lateral extents of sustainable sand mining guidelines, as mentioned above, The PP shall estimate the proposed quantum of excavation in tonnages with the help of Specific Gravity verified by the State DMG between every two consecutive sections. Such estimation shall be furnished by the PP in tabular form which includes the nomenclature of section lines, area proposed for excavation, distance between two consecutive section lines, volume, specific gravity, tonnage of the mineral, maximum depth extent from existing ground profile. Respective plans shall also be submitted clearly marking the area to be excavated. The same needs to be verified by the State Mines and Geology Department, Govt. of Rajasthan. In addition to this a composite plan mentioning the above proposed excavation zones for the entire mine lease area also needs to be submitted. Thus PP needs to submit a plan clearly showing the area to be put in under excavation and no excavation zones. Respective KML files of such lateral extents of excavation and no excavation zone within ML shall also be submitted by the PP.
- (xi) PP needs to submit a plan clearly mentioning the width of river, lease boundaries, area left under safety zones as prescribed as per Sustainable Sand Mining Management Guidelines, 2016, as per statutory requirements under Rajasthan Minor Mineral Concession Rules and other competent authority.
- (xii) The plans and sections should be depicting the dates (period) of survey further in order to ensure the ground survey. PP should subrnit the dates (period) of survey, the model no & details of the instrument used for such survey, field recordings and observations along with name, signatures and contact details of the Surveyor explicitly be mentioned and recorded in the field book as well as in Plan & Sections.

- (xiii) In addition to this soft copy (Excel or CSV file, DWG file) of all such survey recordings should also be submitted in proper order & sequence in order to cross check & verification samples checks of sections.
- (xiv) The Committee deliberated the issues w.r.t. erection of pillars and accordingly suggested that the PP needs to erect the pillars with the following specifications and submit the details (in table form) of the same along with photographs. The specifications inter-alia are as (a) the distance between two adjacent pillars shall not be more than 100 meters; (b) the pillars shall be of square pyramid frustum shaped above the surface and cuboid shaped below the surface; (c) each pillar shall be of reinforced cement concrete; (d) the pillars shall have a base of 0.30m X 0.30m and height of 1.30m of which 0.70m shall be above ground level and 0.60m below the ground; (e) all the pillars shall be painted in yellow colour and the top ten cm in red colour by enamel paint and shall be grouted with cement concrete; (f) on all the pillars, distance and bearing to the forward and backward pillars and latitude and longitude shall be marked; (g) each pillar shall have serial number in a clockwise direction and the number shall be engraved on the pillars; (h) the number of pillar shall be the number of the individual pillar upon the total number of pillars in the lease; and (i) the tip of all pillars shall be a square of 15 cm on which a permanent circle of 10 cm diameter shall be drawn by paint or engraved and the actual boundary point shall be intersection of two diameters drawn at 90 degrees.
- (xv) PP shall submit the compliances as per the Ministry's Office Memorandum No.3-50/2017-IA.III(Pt.), dated 30.05.2018 by an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors..

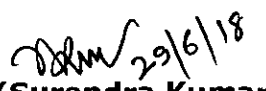
3. The matter has been examined in the Ministry and accordingly the undersigned is hereby directed to request **Project Proponent and Department of Mines and Geology, Govt. of Rajasthan** to kindly submit the above mentioned requisite information online to the Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, 3rd Floor, Vayu Wing, Aliganj, Jor Bagh Road, New Delhi- 110003 for further necessary action on the matter.

Yours faithfully,


(Surendra Kumar)
Adviser/ Scientist 'G'

Copy to:

- (i) **The Chief Secretary**, Govt. of Rajasthan, Tilak Marg Secretariat, Jaipur, Rajasthan - 302005
- (ii) **The Principal Secretary**, Department of Mines & Geology, Govt. of Rajasthan, Shastri Circle, Udaipur, Rajasthan - 313001 [Request to send the requisite information]
- (iii) **The Additional Principal Chief Conservator of Forests**, Central Region, Ministry of Environment, Forest and Climate Change, B-1/72, Sector-A, Aliganj, Lucknow-226020.
- (iv) **The Member Secretary**, Rajasthan State Pollution Control Board, 4, Institutional area, Jhalana, Doongri, Jaipur.
- (v) **Guard File**
- (vi) **MoEF&CC website.**


(Surendra Kumar)
Adviser/ Scientist 'G'