

**Minutes of the 4.12<sup>th</sup> Meeting of the State Level Expert Appraisal Committee (SEAC), Rajasthan held on 15<sup>th</sup> and 16<sup>th</sup> May, 2019.**

The 4.12<sup>th</sup> Meeting of the members of State Level Expert Appraisal Committee (SEAC), Rajasthan constituted for considering environmental clearance projects (B-category) under GoI Notification 14.03.2017 was held on **15<sup>th</sup> and 16<sup>th</sup> May, 2019** at **10:30 AM** in the meeting hall of RSPCB, Jaipur under the Chairmanship of **Sh. Manoj Kumar Agrawal**. The names of the members who attended the meeting are as follows:-

S. No.	Name	Designation	15.05.2019	16.05.2019
1	Sh. Manoj Kumar Agrawal	Chairman	Attended	Attended
2	Dr. Suja George	Vice Chairman	-	-
3	Sh. Pushakar Singh Shekhawat	Member	-	Attended
4	Sh. Mukesh Behari Sharma	Member	Attended	Attended
5	Dr. Laxmi Kant Dashora	Member	Attended	Attended
6	Sh. Buddhi Prakash Pareek	Member	Attended	Attended
7	Sh. Vikram Singh Chauhan	Member	Attended	Attended

The Secretary welcomed the members.

**1.1** The SEAC considered the following 24 projects of minor mineral having lease areas from 0 to 5 hectare as main agenda and 5 projects as additional agenda:

S.No.	File No. (SEAC/ SEIAA)	Project Name	Project Proponent
1.	15671/ 11309	EC for “Proposed Granite Mining Project”, (ML.No. 119/2018) Mining Lease Area: 1.0229 Hect. Located near village – Ekalsingha, Tehsil – Kekri, District- Ajmer (Raj.) Khasara no- 765, 766,767, 768, 769, 770, 765/1023. (SIA/RJ/MIN/92014/2019)	<b>Project Proponent</b> -Shri Sagar Sharma,R/o-30-A-1, Hava Sadak, Gijgarh Vihar, District-Jaipur (Raj), <a href="mailto:sagarraghusharma@gmail.com">Email- sagarraghusharma@gmail.com</a>
2.	15786/ 11418	Ramasani Bajri mine, Area- 0.9049hect, M.L No-613/10, Khasra no. 613/11 STP Project, Reference no-2019100002654, Village-Ramasani, Tehsil-Bilara, District-Jodhpur. (SIA/RJ/MIN/31478/2019)	<b>Project Proponent Name-</b> M.S. Larsen& Turbo Ltd., Plot no-28,29 Bhuriya Baba Tower Near IOCL Petrol Pump , Banar District- Jodhpur, <a href="mailto:jeetsankhla85@gmail.com">Email-jeetsankhla85@gmail.com</a>

3.	15788/ 11420	Ramasani Bajri mine, Area-0.8960 hect,M.L No-613/10 Khasra no. 613/11, STP Project , Reference no-2019100002659, Village-Ramasani, Tehsil-Bilara, District-Jodhpur. <b>(SIA/RJ/MIN/31463/2019)</b>	<b>Project Proponent Name-</b> M.S. Larsen& Tourbo Ltd., Plot no-28,29 Bhuriya Baba Tower Near IOCL Petrol Pump , Banar District-Jodhpur, <a href="mailto:Email-jeetsankhla85@gmail.com">Email-jeetsankhla85@gmail.com</a>
4.	15789/ 11421	Ramasani Bajri mine, Area-0.9018 hect,M.L No-613/10 Khasra no. 613/11, STP Project, Reference no-2019100002661, Village-Ramasani, Tehsil-Bilara, District-Jodhpur, <b>(SIA/RJ/MIN/31473/2019)</b>	<b>Project Proponent Name-</b> M.S. Larsen& Tourbo Ltd., Plot no-28,29 Bhuriya Baba Tower Near IOCL Petrol Pump, Banar District-Jodhpur, <a href="mailto:Email-jeetsankhla85@gmail.com">Email-jeetsankhla85@gmail.com</a>
5.	15790/ 11422	Ramasani Bajri mine, Area-0.8982 hect,M.L No-613/10 Khasra no. 613/11, STP Project, Reference no-2019100002657, Village-Ramasani, Tehsil-Bilara, District-Jodhpur, <b>(SIA/RJ/MIN/31476/2019)</b>	<b>Project Proponent Name-</b> M.S. Larsen& Tourbo Ltd., Plot no-28,29 Bhuriya Baba Tower Near IOCL Petrol Pump, Banar District-Jodhpur, <a href="mailto:Email-jeetsankhla85@gmail.com">Email-jeetsankhla85@gmail.com</a>
6.	15794/ 11430	S.T.P. Area (Ring Road Project),category -B-2, Area-0.9788hect., Reference No.2019100004280, Khasra No.1021/3,Village-Krishan Khera, Tehsil-Luni, Disit-Jodhpur, Rajasthan, <b>(SIA/RJ/MIN/32999/2019)</b>	<b>Project Proponent Name-</b> M/S. Sadbhav Enigineering Ltd., vill-Jhhanwar, Tehsil-Luni, Dist-jodhpur, Email-jeetsankhla85@gmail.com
7.	15795/ 11431	S.T.P.Area (IIT Campus Project), Reference No.2019100004272, area-0.9438ha., Khasra no-1021/1, Village-Krishan Khera, Tehsil-Luni, Disit-Jodhpur, Rajasthan. <b>(SIA/RJ/MIN/33013/2019)</b>	<b>Project Proponent Name-</b> Tata Project Limited, Add-I.I.T., Karwar, Tehsil-Jodhpur,dist-Jodhpur. Email-jeetsankhla85@gmail.com
8	15854/ 11486	ToR (Prior Environmental Clearance)-Form I Along with Pre-Feasibility Report for Bajri, Area-3.9928 hect. Khasra No.216/2 at near village-Dudhiya, Tehsil--Luni, Dist-Jodhpur, Rajasthan, of sh.Heera Ram Bishnoi S/o Sh. Banna Ram Bishnoi. <b>(SIA/RJ/MIN/34993/2019)</b>	<b>Project Proponent Name-</b> Sh.Heera Ram Bishnoi S/o Sh. Banna Ram Bishnoi.R/o-Airforce Officers Mess, Airforce Road, Ratanada, Jodhpur. Email-jeetsankhla85@gmail.com
9.	15796/	EC of "Kanawasiya Bajri STP area", (Khasra no-134/1) STP	<b>Project Proponent Name-</b> M/s Larson & Turblo Ltd., Add-Polot no.

	11432	area: 0.8869 Hect. Located near village- Kanawasiya, Tehsil-Bilara, Distt.- Jodhpur, Rajasthan. <b>(SIA/RJ/MIN/19847/2019)</b>	28, 29, Bhuriya Baba tower, Banar Circle, banar, Distt. Jodhpur. <a href="mailto:Email-rj22b0024062@rajasthan.in">Email-rj22b0024062@rajasthan.in</a>
10.	15855/ 11487	ToR for Bajri Mining Project (ML Area-1.1305 hect., Khasra no. 115 & 515/117 and Referece no-2019100004064) with production capacity of Avg. 51973 (Higher 160120) TPA located Near Village-Mangla , Tehsil-Samdari, Dist-Barmer, Rajasthan,By Shri Bhanwar Lal S./o. Shri Manaram- <b>(SIA/RJ/MIN/32844/2019)</b>	<b>Project Proponent Name-</b> Shri Bhanwar Lal S/o. Shri Manaram, Add-Bishnoion Ki Dhani, Deora, Distt.-Barmer(Raj). Email- bhanwarvishnoi003@gmail.com
11.	15856/ 11488	ToR for Bajri Mining Project (ML Area-2.6514 hect., Khasra no. 514/117 and Referece no-2019100004061) with production capacity of Avg. 72062 (Higher 169220) TPA located Near Village-Mangla , Tehsil-Samdari, Dist-Barmer, Rajasthan,By Shri Hukma Ram S/o-Shri Jetharam,Application submission for EC reg. <b>(SIA/RJ/MIN/32800/2019)</b>	<b>Project Proponent Name-</b> Shri Hukma Ram S/o-Shri Jetharam,Add- Mahadev Mandir ke pass, ward no.35, Balotra, Barmer, <a href="mailto:hukmaramprajapat003@gmail.com">Email- hukmaramprajapat003@gmail.com</a>
12.	15857/ 11489	ToR for Bajri Mining Project (ML Area-2.0 hect., Khasra no. 101 and Referece no-2019100003336) with production capacity of Avg. 72062 (Higher 169220) TPA located Near Village-Mangla , Tehsil-Samdari, Dist-Barmer, Rajasthan,By Shri Hukma Ram S/o-Shri Jetharam,Application submission for EC reg. <b>(SIA/RJ/MIN/32785/2019)</b>	<b>Project Proponent Name-</b> Shri Hukma Ram S/o-Shri Jetharam,Add- Mahadev Mandir ke pass, ward no.35, Balotra, Barmer, <a href="mailto:hukmaramprajapat003@gmail.com">Email- hukmaramprajapat003@gmail.com</a>
13.	15858/ 11490	ToR for Bajri Mining Project (ML Area-4.0 hect., Khasra no. 498 and Referece no-2019100003571) with production capacity of Avg. 91008 (Higher 161460) TPA located Near Village-Paylakalan , Tehsil-Samdari, Dist-Barmer, Rajasthan,By Shri Moola Ram s/o-Shri Jawara Ram,Application	<b>Project Proponent Name-</b> Shri Moola Ram s/o-Shri Jawara Ram, Add-Village-Paylakalan , Tehsil-Samdari, Dist-Barmer, <a href="mailto:Rajasthan.Email-moolaram3571@gmail.com">Rajasthan.Email- moolaram3571@gmail.com</a>

		submission for EC reg. <b>(SIA/RJ/MIN/33156/2019)</b>	
14.	15859/ 11491	ToR for Bajri Mining Project (ML Area-3.0 hect., Khasra no. 739/163 and Referece no- 2019100004241) with production capacity 90315 TPA located Near Village-Kitnod, Tehsil- Pachpadra, Dist-Barmer, Rajasthan,By Smt. Shanti Devi- Application submission for EC reg. <b>(SIA/RJ/MIN/32888/2019)</b>	<b>Project Proponent Name-</b> Smt. Shanti Devi W/o Shri Jagadish Gehlot Add-Police Thane ke Peeche, Balotra, Pachpadra, Barmer, <a href="mailto:003shantidevi@gmail.com">Email-003shantidevi@gmail.com</a>
15.	15860/ 11492	ToR for Bajri Mining Project (ML Area-1.0 hect., Khasra no. 819 and Referece no- 2019100005017) with production capacity of Avg. 14074(Higher 15147) TPA located Near Village-Sarana, Tehsil- Panchpadra, Dist-Barmer, Rajasthan,By Idan Ram S/o.Shri Haja Ram,Application submission for EC reg. <b>(SIA/RJ/MIN/34682/2019)</b>	<b>Project Proponent Name-</b> Idan Ram S/o.Shri Haja Ram,Add- Village-Sarana, Tehsil-Panchpadra, Dist-Barmer, <a href="mailto:idanram31@gmail.com">Rajasthan.Email-idanram31@gmail.com</a>
16.	15861/ 11493	ToR for Bajri Mining Project (ML Area-4.0 hect., Khasra no. 125 and Referece no- 2019100003616) with production capacity of Avg. 106938 TPA located Near Village -Mangla , Tehsil-Samdari, Dist-Barmer By Shri Akshit Choudhary S/o. Shri Dharmpal Singh, Application submission for EC reg. <b>(SIA/RJ/MIN/33708/2019)</b>	<b>Project Proponent Name-</b> Shri Akshit Choudhary, Add-56,F-2, Ashok Wati Whivraj Niketan Colony, Jaipur,Rajasthan, <a href="mailto:choudharyakshit19@gmail.com">Email-choudharyakshit19@gmail.com</a>
17.	15862/ 11494	ToR for Bajri Mining Project (ML Area 4.0 ha., Khasra no. 173 & 174 and Reference No. 2019100003337) with production Capacity of Avg. 80,309 (Higher 103106) TPA located Near Village – Kitnod, Tehsil- Panchpdra, Distt.- Barmer, (Raj.) by Prdeep Meena S/o Shri Mohan Lal Meena <b>(SIA/RJ/MIN/33143/2019)</b>	<b>Project Proponent Name-</b> Shri Pradeep Meena,add-34, Sant Balram Colony, Nagaur, Rajasthan , Email.- <a href="mailto:pradeepjimeena03@gmail.com">pradeepjimeena03@gmail.com</a>
18.	15863/ 11495	ToR for Bajri Mining Project (M L Area 1.3958 ha., Khasra no. 140 And Reference No.	<b>Project Proponent Name-</b> Smt Tara Meena, Vill & Post – Ward No. 11, Jahaj, Distt.- Jhunjhunu Rajasthan ,

		2019100004142) with production Capacity of 30100 TPA located Near Village – Mangla, Tehsil-Samdari, Distt.- Barmer, (Raj.) by Smt Tara Meena W/o Shri Jwala Prasad Meena; <b>(SIA/RJ/MIN/33704/2019)</b>	Email.- <a href="mailto:Tarameena4142@gmail.com">Tarameena4142@gmail.com</a>  Email.-
19	15867/ 11499	ToR for Ball Clay, Fire Clay, Kankar, Bajri And Silica Sand Mining Project (ML Area-4.80 ha. And ML No-09/10, Khasra no. 117) with production capacity of 2933300 TPA located near Village-Indo Ka Bala, Tehsil-kolayat ,Dist-Bikaner, Rajasthan, by M/S. R.K.Mines & Minerals - Application submission for EC reg. <b>(SI/RAJ/MIN/32005/2019)</b>	<b>Project Proponent Name-</b> R.K.Mines and Minerals,Add-Ward No-06, near Hanuman Mandir ,Village-Karmisar, Bikaner,Email-rkminesminerals19@gmail.com
20.	15864/ 11496	E C of Aalaniyawas Bajri Mining Project (M.L. NO. 72/2019, Khasra no. 573, 574, 575, 553) Mining Lease Area: 2.8798 Hec. Located Near Vill.- Aalaniyawas, Teshil- Riyan Bari, Distt.- Nagaur, Raj. <b>(SIA/RJ/MIN/34374/2019)</b>	<b>Project Proponent Name-</b> Rajeshwari Devi, R/o Aalaniyawas, Tehsil- Riyan Bari, Distt.- Nagaur Rajasthan , Email.- <a href="mailto:Navdurgaajmer@gmail.com">Navdurgaajmer@gmail.com</a>
21	15885/ 11515	EC for Rohisa (sand) Bajri project M.L no. 7/2019, Khasra no. 42, 43 & 44, Area -2.9730 Ha. Production capacity of mine: 91,955 TPA (ROM) Neaer village- Rohisa,Tehsil- Riyan badi,Distric-Nagaur(Raj.)(proposal no. 33956)	Project Proponent:- Smt. priyanka Jingar D/o Shri Ramesh Jingar R/o aal merta city , Charbhuj hospital, jaitaran chauki ,merta city ,district-Nagaur (Raj.)  Consultant:- Vardan environet add: D-142 sushant lok-III sector-57 Gurgaon -122003 (Haryana) email:- <a href="mailto:info@vardanenvironet.com">info@vardanenvironet.com</a>
22	15884/ 11514	EC for Bajri Mining project (Minor Mineral) M.L. No. 10/2019, Khasra no. 224 & 225 Area-2.87909 Ha. Production capacity of mine: 83842 TPA Near village -Rohisa,Tehsil-Riyan badi,Distric-Nagaur(Raj.) (Proposal no. 32480)	Project Proponent Sh. Jabid Hussain S/o Sh. Babu Khan R/o merta city, District- Nagaur (Raj.) Consultant:- Vardan environet add: D-142 sushant lok-III sector-57 Gurgaon -122003 (Haryana) email:- <a href="mailto:info@vardanenvironet.com">info@vardanenvironet.com</a>
23	15871/ 11501	EC for Bajri Mining project (Minor Mineral) M.L. No. 15/2019, Khasra no. 127, Area-	Project Proponent Sh. Suresh chand & Sh. Mohanram R/o Rohisa,Tehsil-Riyan badi,Distric-Nagaur(Raj.)

		1.68865 Ha. Production capacity of mine: 17100 TPA (ROM) (Saleable Mineral 16245 TPA & Waste 855 TPA) Near village - Rohisa, Tehsil- Riyan badi, Distric- Nagaur(Raj.)(Proposal no. 32479)	Email: sureshceb2@rediffmail.com Consultant:- Vardan environet add: D-142 sushant lok-III sector-57 Gurgaon -122003 (Haryana) email:- <a href="mailto:info@vardanenvironet.com">info@vardanenvironet.com</a>
24	15870/ 11500	EC for Bajri Mining project (Minor Mineral) M.L. No. 14/2019, Khasra no. 70, Area- 1.16555 Ha. Production capacity of mine: 87480 TPA(ROM) Near Village Alaniyawas, Tehsil- Riyan badi, Distric- Nagaur(Raj.)(Proposal no. 32524)	Project Proponent Sh. Laxman Ram & Sh. Baldev R/o Bhagwanpura, Tehsil- Riyan badi, Distric- Nagaur(Raj.) Email: laxmanecb2@gmail.com  Consultant:- Vardan environet add: D-142 sushant lok-III sector-57 Gurgaon -122003 (Haryana) email:- <a href="mailto:info@vardanenvironet.com">info@vardanenvironet.com</a>

**1.2** The notification dated 15.01.2016, issued by the MoEF & CC provides that the application seeking prior environmental clearance shall be made in Form 1 M for mining of minor minerals from 0 to 5 hectare under category B2 projects. The projects requiring Environment Impact Assessment (EIA) reports are termed as B1 category projects and remaining projects are termed as B2 category projects. B2 projects do not require EIA report. The power to make categorization B2 and B1 vests with the MoEF & CC. The MoEF & CC issues appropriate guidelines in this regard from time to time.

**1.3** The National Green Tribunal has, however, by orders dated 13.09.2018 and 11.12.2018 stayed the above mentioned notification dated 15.01.2016 of the MoEF & CC in the matter of O.A. No. 520/2016, Vikrant Tongad V/s UOI & others and other similar matters, and inter-alia passed the following directions.

“for all these reasons we direct that the procedure laid down in the impugned notification be brought in consonance and in accord with the directions passed in the case of Deepak Kumar by (i). Providing for EIA, EMP and therefore, Public Consultation for all areas from 5 to 25 ha falling under category B-2 at par with Category B-1 by SEAC/SEIAA as well as for cluster situation wherever it is not provided. (ii). Form 1-M be made more comprehensive for areas of 0-5 ha. by dispensing with the requirement for Public Consultation to be evaluated by SEAC for recommendation of grant of EC by SEIAA instead of DEAC/DEIAA. (iii). If a cluster or an individual lease size exceed 5 hectare the EIA / EMP be made applicable in the process of grant of prior environmental Clearance. (iv). EIA and/ or EMP be prepared for the entire cluster in terms of recommendation 6, 7, 8 thereof. (v). Revise the procedure to also incorporate procedure with respect to annual rate of replenishment and time frame for replenishment after mining closure in an area. (vi). The MoEF & CC to

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prepare for calculation of the cost of restitution of damage caused to mined out areas along with the Net Present Value of capital Ecological Services forgone because of illegal or unscientific mining.”

1.4 The Hon’ble NGT in its order further directed as follows:-

“The MoEF & CC shall therefore; take appropriate steps to revise the procedure laid down in the impugned notification dated 15.01.2016 in terms of the above direction and observations so that it is in conformity with the letter and spirit of the directions passed by the Hon’ble Supreme Court in Deepak Kumar case.”

1.5 In pursuance of the Hon’ble NGT, the MoEF & CC vide OM dated 12.12.2018 has forwarded the copy of the directions for necessary compliance and sought information about the action taken.

### **Observations and Resolution of the Committee:**

The SEAC has received applications seeking environmental clearance, pertaining to the project proponent, named in the above table at serial no. 1 to 24. Except the project at serial no. 1, all other projects relate to bajri mining having lease area from 0 to 5 hectare. The project serial no. 1 relates to granite mining. The applications seeking EC in these cases have been submitted in Form 1 and Form 2 instead of in Form 1 M, (as provided under the notification dated 15.01.2016) along with supporting documents. The information required to be furnished by project proponents in Form 1 and Form 2, collectively, is comprehensive in comparison to the information required under Form 1 M and provides sufficient input of information required for appraisal of projects. In view of the comprehensive information furnished by the project proponents, the projects having lease area from 0 to 5 hectare, either individually or as a cluster have been considered without public hearing. Consideration of such projects without public hearing is, therefore, in consonance with the directions dated 13.09.2018 of the Hon’ble NGT and OM dated 12.12.2018 of the MoEF & CC. The SEAC, therefore, resolved to appraise the above projects without public hearing as B2 category projects.

### **Agenda no. 1 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project /Cat. 1(a)B2 (15671)/ 2019-20**

**Project Name:** - EC for “Proposed Granite Mining Project”, (ML.No. 119/2018) Mining Lease Area: 1.0229 Hect. Located near village – Ekalsingha, Tehsil – Kekri, District-Ajmer (Raj.) Khasara no- 765, 766, 767, 768, 769, 770, 765/1023.

**Project Proponent:-** Shri Sagar Sharma, R/o-30-A-1, Hava Sadak, Gijgarh Vihar, District-Jaipur (Raj), [Email-sagarraghusharma@gmail.com](mailto:Email-sagarraghusharma@gmail.com)

**Consultant Name:-** Fulgro Environmental & Engineering Services India Pvt. Ltd., Add-27, Ashok Vatika, Khatipura Road, Jhotwara, Jaipur, [Email-info@fulgro.in](mailto:Email-info@fulgro.in)

***Information as per Form- 1 and other documents submitted by Project Proponent.***

1.	Category / Item no.(in Schedule):	1(a) Category-B2
2.	Location of Project	Near Village –Ekalsingha, Tehsil- Kekri, District- Ajmer, Rajasthan
3.	Project Details M.L.No./Production capacity	ML No- 119/2018, Area: 1.0229Ha. Khasra Number: 765,766,767,768,769,770,765/1023 Production –1,09,707TPA (ROM) (Given in Form-Is submitted with EC proposal on Pg No. 1)
4.	Project Cost	Rs. 1.00 Crore (Given in PFR submitted with EC proposal on page no.43)
5.	Water Requirement & Source	Total Water Requirement -2.5 KLD Source: -Water tanker supply (Given in Form 1 (2.2) submitted with EC proposal on Pg No. 9)
6.	Fuel & Energy:-	(Given in PFR on Page no. 23) Mining Operations will be carried out from sunrise to sunset. Electricity will be required for mines office and rest shelter. Electricity connection will be taken from nearby power supply. Diesel will be required for operation of machinery which will be made available by contractor.
7.	Application No. & Date & documents submitted :-	File No. 15671 Online Proposal No. SIA/RJ/MIN/92014/2019 Date of Online Submission receipt:18/01/2019 Date of Hard Copy submission: 4/04/2019 Documents:-FORM-I &PFR along with approved mining plan and all the requisite documents for grant of EC has been submitted.
8.	Information about Aravalli Certificate.	Aravali Certificate issued by Assistant Mining Engineer Sawar vide letter no.AME/Sawar/Map/ML(L.O.I.)-119/2018/365 dated- 15.01.2019. (Attached with Form –I &PFR as annexure-II on page no. 83 and also shown in PPT on slide no. 11)
9.	Date of Air/Water/Noise Monitoring	Date of Air Monitoring:- 15/01/2019. Date of Water Monitoring:- 15/01/2019. Date of Noise Monitoring:- 15/01/2019.
10.	Information about 500 mts composite map	Earlier the composite map issued by Assistant Mining Engineer Sawar dated 15.01.2019 was submitted with EC application there was no other leases/LOI located within the 500 mtr radius map but later on the revised cluster map was issued by DMG Sawar on dated 16/4/2019 leading to the total cluster area of 3.7378 ha submitted with the



		agenda circulation.  Further document certified from AME, Sawar regarding there is no other lease located within the 500 mtr area of the last lease located (having M.L No. 24/18 Area: 1.4143 ha) in the existing cluster map of area 3.7378 ha.
11.	Environment Management Plan	Annual Expenditure of Rs.2.10Lac Per year Details given on Page No.44-45 of PFR submitted with EC application.
12.	CER /ESR Activities	Rs. 2.00 lacs per annum. ( Rs. 1.30 per annum on distribution of computers-2, water coolers, benches, fans and the books for library in the near by Government School of Village Ekalsingha and Rs. 0.70 lacs on installation of solar LED street lights on roads of the Village Ekalsingha & contribution towards construction and maintenance of kachha roads to make them metalled road )
13.	Green Belt/ Plantation	Annual expenditure of Rs. 0.60Lac Per Year. Details given at Page No. 45 of PFR submitted with EC application)
14.	Budgetary Breakup for Labour	Capital Investment Rs. 2.60 lacs (Rs. 1.50 lacs on shelters, safe drinking water, sanitation facility, Rs. 60 thousand on group insurance of labour & Rs. 50 thousand on fire safety) Annual Recurring Cost Rs. 2.94Lac Per year.
15.	Present Status	It is a new mining project (LOI has been granted by DMG, Ajmer shown in PPT on slide No. 9), now proposed for the grant of Environmental Clearance.

### **Observations of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting.

### **Resolution:**

Keeping in view the information contained in the documents submitted by the PP and presentation made by him before the SEAC and after detailed deliberations, the members resolved to recommend to SEIAA for the grant of EC for production of 1,09,707TPA (ROM) TPA of granite to **Project Name:-** “Proposed Granite Mining Project”, (ML.No. 119/2018) Mining Lease Area: 1.0229 Hect. Located near village – Ekalsingha, Tehsil – Kekri, District- Ajmer (Raj.) Khasara no- 765, 766,767, 768, 769, 770, 765/1023. **Project Proponent:-** Shri Sagar Sharma, R/o-30-A-1, Hava Sadak, Gijgarh Vihar, District-Jaipur (Raj), [Email-sagarraghusharma@gmail.com](mailto:Email-sagarraghusharma@gmail.com) **Consultant Name:-** Fulgro Environmental & Engineering Services India Pvt. Ltd., Add-27, Ashok

Vatika, Khatipura Road, Jhotwara, Jaipur, [Email-info@fulgro.in](mailto:Email-info@fulgro.in) with the following conditions.

### **SPECIFIC CONDITIONS**

1. The PP shall obtain Consent to Establish and Operate from the Rajasthan State Pollution Control Board under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981, before carrying out mining activity.
2. The PP shall comply with the provisions of the Mines and Minerals (Development and Regulation) Act, 1957 and the rules made thereunder.
3. The PP shall make compliance of the provisions of the Environment (Protection) Act, 1986 and the rules and notifications issued thereunder.
4. The PP shall comply with all the statutory requirements and judgement of the Hon'ble Supreme Court dated 02.08.2017 in the matter of Writ Petition (Civil) No. 114 of 2014, Common Cause V/s Union of India & others.
5. In case of violation of the undertaking/ affidavit given by the PP regarding compliance of the judgement dated 02.08.2017 of the Hon'ble Supreme Court dated 02.08.2017 in the matter of Writ Petition (Civil) No. 114 of 2014, Common Cause V/s Union of India & others, the environmental clearance shall be liable to be terminated forthwith.
6. The environmental clearance will not be operational, till such time the project proponent complies with all the statutory requirements and judgement of the Hon'ble Supreme Court dated 02.08.2017 in the matter of Writ Petition (Civil) No. 114 of 2014, Common Cause V/s Union of India & others.
7. The department of Mines & Geology shall ensure that the mining operations shall not commence till the entire compensation levied, if any, for illegal mining, is paid, by the project proponent through the Department of Mines and Geology, in strict compliance of the judgement of the Hon'ble Supreme Court dated 02.08.2017 in the matter of Writ Petition (Civil) No. 114 of 2014, Common Cause V/s Union of India & others.
8. The EC is liable to be rejected, in case it is found that the PP has deliberately concealed and furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC.
9. As stated by the PP, the total water requirement for the project shall be limited as mentioned above. Necessary permission for withdrawal of ground water, if required, shall be taken from CGWA.
10. The PP shall invest the amount mentioned above towards annual cost for implementing the Environment Management Plan.
11. The amount of CER as mentioned above shall be spent for socio economic up-liftment activities of the area particularly in the field of education, health, sanitation and other need based social activities in the nearby areas of the mining lease, such as improvement of the infrastructure of government schools etc. and as per the OM dated 01.05.2018 MoEF & CC. This amount should be effectively utilized and reflected in the books of accounts. Relevant report of the same should be made a part of social monitoring and six monthly compliance reports should be submitted to RSPCB, SEIAA and Regional Office of the MoEF & CC.

12. The mining operations of granite mining shall not intersect groundwater table. In cases of mining of other than river sand mining, below ground water table, prior approval of the Central Ground Water Authority shall be obtained.
13. The PP shall construct Rain Water Harvesting Structure and Artificial Recharge Structure in the lease area as also implement other/suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, CGWB.
14. Occupational health and safety of mine labour shall be given the highest priority.
15. Budgetary provision as mentioned above for the laborers working in the Mine, for all necessary infrastructure facilities such as health facility, sanitation facility, fuel for cooking, along with safe drinking water, medical camps, and toilets for women, crèche for infants; should be made and submitted to RPCB, Jaipur at the time of CTE/CTO. The housing facilities and Group Insurance should be provided for mining labours.
16. Topsoil shall be stacked temporarily at the earmarked sites only and it should not be kept unutilized for a period more than three years; it should be used for land reclamation and plantation in mined out areas.
17. The project proponent shall ensure that no natural water course / water body is obstructed due to any mining operations.
18. The waste should be dumped at the designated site as per approved Mining Plan on non-mineralized land within lease area or outside lease area, at the land provided by district authority or occupied by the lessee/STP/Quarry license holder. The height of the dump shall be as per the approved mining plan and toe of the dump should have retaining wall.
19. The bench height, width and slope shall be maintained as per the MMR 1960 or the DGMS approval.
20. Garland drains; settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and over burden dumps and sump capacity should be designed keeping 50 % safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate pits, which should be constructed at the corners of the garland drains and de-silted.
21. Drills shall either be operated with dust extractors or equipped with water injections system.
22. As envisaged, plantation shall be raised in an area of 33% of total area including green belt in the safety zone around the mining lease by planting the native species around ML area, OB dumps, backfilled and reclaimed around water body, roads etc. or outside lease area in consultation with the Gram Panchayat or Forests Department in the coming rainy season.
23. Regular water sprinkling should be carried out in critical areas prone to air pollution and having high levels of SPM and RSPM such as haul roads, loading and unloading points and transfer points. It should be ensured that the Ambient Air Quality parameters conform to the standards prescribed by the MoEF & CC.
24. Data on ambient air quality and stack emissions should be submitted to Rajasthan State Pollution Control Board once in six months, carried out by MOEF/ NABL/ CPCB/ RSPCB/ Government approved lab.
25. Blasting operation should be carried out only during the daytime with safe blasting parameters.
26. The project proponent shall take all due care to protect the existing flora and fauna. Utmost precaution shall be taken to conserve wildlife.
27. The PP shall carry out mining activities with open cast method.

## **GENERAL CONDITIONS**

1. This E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent. Any appeal against this environmental clearance 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.
2. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
3. The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and this office. A six monthly compliance status report shall be submitted to monitoring agencies.
4. The EC is liable to be rejected, in case it is found that the PP has deliberately concealed and furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC.
5. The project authorities shall inform the MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
6. Officials from the Department of Environment, Government of Rajasthan, Jaipur/ Regional Office of MoEF, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to SEIAA should be forwarded to the CCF, Regional Office of MoEF, Lucknow / SEIAA, Department of Environment, Government of Rajasthan, Jaipur / RSPCB.
7. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provision of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
8. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental Clearance and copies of clearance letters are available with the Rajasthan State Pollution Control Board and may also be seen on the website of the RSPCB. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF at Lucknow/Department of Ecology and Environment, Government of Rajasthan, Jaipur.
9. The conditions of EC shall be enforced among others under the provisions of water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of

- Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006, along with their amendments and rules.
10. The PP shall obtain prior clearance from forestry and wild life angle including clearance from standing committee of National Board of Wild Life (if applicable). It is further categorically stated that grant of EC does not necessarily imply that Forestry and Wild Life clearance shall be granted to the project and that proposals for forestry and wild life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any based on EC so granted, in anticipation of clearance from Forestry and Wild Life angle shall be entirely at the cost risk of the PP and MOEF/SEIAA shall not be responsible in this regard in any manner.
  11. The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  12. Main haulage road should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt- conveyors facilities the system should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
  13. Periodic monitoring of ambient air quality shall be carried out for PM10, PM2.5, SPM, SO2 and NOx monitoring. Location of the stations (minimum 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Rajasthan State pollution Control Board (RPCB). Six monthly reports of the data so collected shall be regularly submitted to the RPCB/CPCB including the MoEF, Regional office, Lucknow.
  14. Personnel working in dusty areas shall wear protective respiratory devices they shall also be provided with adequate training and information on safety and health aspects.
  15. The ambient noise level should conform to the standards prescribed under E (P) A Rules, 1986 viz 75 dB (A) during day time and 70 dB (A) during night time.
  16. The PP shall submit an environmental statement for the financial year ending 31st March in Form-V as prescribed under the environment (Protection) Rules, 1986, as amended subsequently on or before the 30<sup>th</sup> day of September every year, to the Rajasthan State Pollution Control Board/SEIAA and shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Lucknow Regional offices of MoEF/SEIAA by e-mail as well as hard copy duly signed by competent person of company.

**Agenda no. 2 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15786)/ 2019-20**

**Project Name :-** Ramasani Bajri Mine, Area-0.9049hect, M.L No-613/10, Khasra no-613/11.STP Project , Reference no-2019100002654, Village-Ramasani, Tehsil-Bilara, District-Jodhpur,

**Proponent name :-** M/s Larsen& Turbo Ltd., Plot no-28,29 Bhuriya Baba Tower Near IOCL Petrol Pump , Banar District-Jodhpur, [Email-jeetsankhla85@gmail.com](mailto:Email-jeetsankhla85@gmail.com)

Final Minutes of 4.12<sup>th</sup> meeting of SEAC held on 15<sup>th</sup> and 16<sup>th</sup> May, 2019

**Consultant Name:-** Udaipur Min-Tech PVT. LTD., Add-206, Apeksha Complex.Sec-11.Hiran Magri,Udaipur (Raj) [Email-ssbist@udrmintech.com](mailto:Email-ssbist@udrmintech.com)

### **Observations of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The SEAC also looked into the certificate issued by the Department of Water Resources. The certificate of the Department of Water Resources says that any part of the said mining lease, the details of which are mentioned above, does not fall in or is not part of any river and stream stretch. However, the note made at the bottom of the certificate states as follows:-

“This certificate is issued against mining department letter for STP case. This must be used for only lease/ STP purpose. This must not be used for any other purpose, place and evidence use etc”.

The note belies the content of the certificate, destroys and defeats the very purpose and objective for which it has been issued. The purpose of obtaining such certificate is to ensure that the STP/LOI does not fall in or is not part of any river and stream stretch. In case the LOI/STP is part of any river and stream then it is incumbent upon SEAC to ask for conducting replenishment study.

### **Resolution:**

Keeping in view the information contained in the documents submitted by the PP and presentation made by him before the SEAC and after detailed deliberations, the members resolved to ask the PP to submit clear cut certificate regarding the fact as to whether the mining Lease/LOI/STP falls in or is not part of any river and stream stretch without having any rider/condition to the certificate. The PP should submit the certificate within a period of 45 days from the date of receipt of the communication.

### **Agenda no. 3 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat.1(a)B2 (15788)/ 2019-20**

**Project Name:** Ramasani Bajri Mine, Area-0.8960 hect, M.L No-613/10, Khasra no. 613/11, STP Project Reference no-2019100002659, Village-Ramasani, Tehsil-Bilara, District-Jodhpur.

**Proponent name :-** M/s Larsen & Tourbo Ltd., Plot no-28,29 Bhuriya Baba Tower Near IOCL Petrol Pump , Banar District-Jodhpur, [Email-jeetsankhla85@gmail.com](mailto:Email-jeetsankhla85@gmail.com)

**Consultant Name:-** Udaipur Min-Tech PVT. LTD., Add-206, Apeksha Complex.Sec-11.Hiran Magri,Udaipur (Raj) [Email-ssbist@udrmintech.com](mailto:Email-ssbist@udrmintech.com)

### **Observations of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The SEAC also looked into the certificate issued by the Department of Water Resources. The certificate of the Department of Water Resources says that any part of the said mining lease, the details of

which are mentioned above, does not fall in or is not part of any river and stream stretch. However, the note made at the bottom of the certificate states as follows:-

“This certificate is issued against mining department letter for STP case. This must be used for only lease/ STP purpose. This must not be used for any other purpose, place and evidence use etc”.

The note belies the content of the certificate, destroys and defeats the very purpose and objective for which it has been issued. The purpose of obtaining such certificate is to ensure that the STP/LOI does not fall in or is not part of any river and stream stretch. In case the LOI/STP is part of any river and stream then it is incumbent upon SEAC to ask for conducting replenishment study.

### **Resolution:**

Keeping in view the information contained in the documents submitted by the PP and presentation made by him before the SEAC and after detailed deliberations, the members resolved to ask the PP to submit clear cut certificate regarding the fact as to whether the mining Lease/LOI/STP falls in or is not part of any river and stream stretch without having any rider/condition to the certificate. The PP should submit the certificate within a period of 45 days from the date of receipt of the communication.

### **Agenda no. 4 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15789)/ 2019-20**

**Project Name:-** Ramasani Bajri mine, Area-0.9018 hect, M.L No-613/10, Khasra no. 613/11, STP Project, Reference no-2019100002661, Village-Ramasani, Tehsil-Bilara, District-Jodhpur.

**Project Proponent:** - M/s Larsen& Tourbo Ltd., Plot no-28,29 Bhuriya Baba Tower Near IOCL Petrol Pump , Banar District-Jodhpur, [Email-jeetsankhla85@gmail.com](mailto:Email-jeetsankhla85@gmail.com)

**Consultant Name:** - Udaipur Min-Tech PVT. LTD., Add-206, Apeksha Complex.Sec-11.Hiran Magri,Udaipur (Raj) [Email-ssbist@udrmintech.com](mailto:Email-ssbist@udrmintech.com)

### **Observations of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The SEAC also looked into the certificate issued by the Department of Water Resources. The certificate of the Department of Water Resources says that any part of the said mining lease, the details of which are mentioned above, does not fall in or is not part of any river and stream stretch. However, the note made at the bottom of the certificate states as follows:-

“This certificate is issued against mining department letter for STP case. This must be used for only lease/ STP purpose. This must not be used for any other purpose, place and evidence use etc”.

The note belies the content of the certificate, destroys and defeats the very purpose and objective for which it has been issued. The purpose of obtaining such certificate is to ensure that the STP/LOI does not fall in or is not part of any river and stream stretch. In



case the LOI/STP is part of any river and stream then it is incumbent upon SEAC to ask for conducting replenishment study.

### **Resolution:**

Keeping in view the information contained in the documents submitted by the PP and presentation made by him before the SEAC and after detailed deliberations, the members resolved to ask the PP to submit clear cut certificate regarding the fact as to whether the mining Lease/LOI/STP falls in or is not part of any river and stream stretch without having any rider/condition to the certificate. The PP should submit the certificate within a period of 45 days from the date of receipt of the communication.

### **Agenda no. 5 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15790)/ 2019-20**

**Project Name:-** Ramasani Bajri mine, Area-0.8982hect, M.L No-613/10, Khasra no. 613/11, STP Project, Reference no-2019100002657, Village-Ramasani, Tehsil-Bilara, District-Jodhpur.

**Project Proponent:** - M/s Larsen& Tourbo Ltd., Plot no-28, 29 Bhuriya Baba Tower Near IOCL Petrol Pump , Banar District-Jodhpur, [Email-jeetsankhla85@gmail.com](mailto:Email-jeetsankhla85@gmail.com)

**Consultant Name:** - Udaipur Min-Tech PVT. LTD., Add-206, Apeksha Complex.Sec-11.Hiran Magri,Udaipur (Raj) [Email-ssbist@udrmintech.com](mailto:Email-ssbist@udrmintech.com)

### **Observations of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The SEAC also looked into the certificate issued by the Department of Water Resources. The certificate of the Department of Water Resources says that any part of the said mining lease, the details of which are mentioned above, does not fall in or is not part of any river and stream stretch. However, the note made at the bottom of the certificate states as follows:-

“This certificate is issued against mining department letter for STP case. This must be used for only lease/ STP purpose. This must not be used for any other purpose, place and evidence use etc”.

The note belies the content of the certificate, destroys and defeats the very purpose and objective for which it has been issued. The purpose of obtaining such certificate is to ensure that the STP/LOI does not fall in or is not part of any river and stream stretch. In case the LOI/STP is part of any river and stream then it is incumbent upon SEAC to ask for conducting replenishment study.

### **Resolution:**

Keeping in view the information contained in the documents submitted by the PP and presentation made by him before the SEAC and after detailed deliberations, the members resolved to ask the PP to submit clear cut certificate regarding the fact as to whether the

mining Lease/LOI/STP falls in or is not part of any river and stream stretch without having any rider/condition to the certificate. The PP should submit the certificate within a period of 45 days from the date of receipt of the communication.

**Agenda no. 6 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15794)/ 2019-20**

**Project Name:-** S.T.P. Area (Ring Road Project),category -B-2, Area-0.9788 hect., Reference No.2019100004280, Khasra No.1021/3,Village- Krishan Khera, Tehsil-Luni, Disit-Jodhpur, Rajasthan.

**Project proponent:** - M/s Sadbhav Enigneering Ltd., vill-Jhhanwar, Tehsil-Luni, Dist-jodhpur,Email-jeetsankhla85@gmail.com

**Consultant Name:** - Udaipur Min-Tech PVT. LTD., Add-206, Apeksha Complex.Sec-11.Hiran Magri,Udaipur (Raj) [Email:ssbist@udrmintech.com](mailto:Email:ssbist@udrmintech.com)

***Information as per Form-Iand other documents submitted by Project Proponent .***

1.	Category / Item no.(in Schedule):	1 (A) category B-2
2.	Location of Project	Krishna Khera Sand STP Mine, at Near Village- Krishna Khera, Tehsil – Luni, District – Jodhpur, State - Rajasthan
3.	Project Details M.L. No. / Production capacity	Khasra No- 1021/3, Area- 0.9788 ha., Production - 34258(TPA)(RoM)
4.	Project Cost:	Rs. 34.0 Lac
5.	Water Requirement & Source	4.5 KLD purchase from dug wells in nearby villages.
6.	Fuel & Energy:-	No electricity will be required. Fuel (HSD) will be obtained from authorized public petrol pump & about 300 lits. /day Diesel will be used.
7.	Application No. & Date & documents submitted :-	Mining plan, form I PFR was uploaded on MoEF's state portal on 14 <sup>th</sup> March, 2019 and hard copy submitted to SEIAA, Raj. on 18 <sup>th</sup> March, 2019.
8.	Information about Aravalli Certificate.	Mining lease area does not falls in Aravalli hills. Certificate issued on date 14/02/2019 as vide letter no. Kha/Jodh/STP/2019/2385 (Aravalli certificate is enclosed in presentation on slide no. 10.)

9.	Date of Air/Water/Noise Monitoring	Dt. 20 <sup>th</sup> March 2019
10.	Information about 500 mts composite map	500 mtr. composite map and cluster certificate is enclosed in presentation on slide no. 11. The total area in 500 mtr. radius is 1.9226 ha.
11.	Environment Management Plan	Cost Estimates of EMP Implementation is Rs. 1.50 Lac
12.	CSR /ESR Activates	Proposed CSR cost is Rs. 1.0 lac/yr.(Water cooler with aqua guard in government secondary school at village Satlana )
13.	Green Belt/ Plantation	Total No. of 100 saplings will be planted in the post-operational phase near working area and 500 sampling every year will be supply nearby village with tree guard.
14.	Budgetary Breakup for Labour	Rs. 1.75 Lac. Per year.(on drinking water- 50000/-, first aid- 15000/-, rest shelters- 15000/-, washroom- 50000/-, safety shoes- 20000/-, hand gloves- 18000/-, dust mask- 12000, earplugs- 6000/- , helmate- 4000/- & insurance- 5000 etc.)
15.	Present Status :-	New applied area.

#### **Observations of the committee:-**

The SEAC considered/examined the project proposal submitted by the PP and also the presentation made by him during the meeting. The SEAC also looked into the certificate issued by the Department of Water Resources. The certificate of the Department of Water Resources says that applied mining lease area, the details of which are mentioned above, is not part of any river or stream stretch. The SEAC also noted the observations made by the Hon'ble Rajasthan High Court in its order dated 27.11.2018, in the matter of D.B. Civil Writ Petition no. 9458/2018 Sanjay Kumar Garg V/s State of Rajasthan & oth. that replenishment of bajri can only take place in the river beds and not in the private khatedari lands or government lands which are far away from the river beds.

#### **Resolution:**

Keeping in view the information contained in the documents submitted by the PP and presentation made by him before the SEAC and after detailed deliberations, the members resolved to recommend to SEIAA for the grant of EC for production of Production - 34258(TPA)(RoM) TPA of bajri **Project Name:-** S.T.P. Area (Ring Road Project),category -B-2, Area-0.9788 hect., Reference No.2019100004280, Khasra No.1021/3,Village- Krishan Khera, Tehsil-Luni, Disit-Jodhpur, Rajasthan. **Project proponent:** - M/s Sadbhav Enigneering Ltd., vill-Jhhanwar, Tehsil-Luni, Dist-jodhpur,Email-jeetsankhla85@gmail.com **Consultant Name:** - Udaipur Min-Tech PVT. Final Minutes of 4.12<sup>th</sup> meeting of SEAC held on 15<sup>th</sup> and 16<sup>th</sup> May, 2019

LTD., Add-206, Apeksha Complex.Sec-11.Hiran Magri,Udaipur (Raj) [Email-ssbist@udrmintech.com](mailto:ssbist@udrmintech.com) with the specific and general conditions annexed at Annexure 'A'.

**Agenda no. 7 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15795)/ 2019-20**

**Project Name:** - S.T.P.Area (IIT Campus Project), Reference No.2019100004272, area-0.9438ha., Khasra no-1021/1, Village-Krishan Khera, Tehsil-Luni, Disit-Jodhpur, Rajasthan.

**Project Proponent:** - M/s Tata Project Limited, Add-I.I.T.,Karwar,Tehsil-Jodhpur, dist-Jodhpur,Email-jeetsankhla85@gmail.com

**Consultant Name:** - Udaipur Min-Tech PVT. LTD., Add-206, Apeksha Complex.Sec-11.Hiran Magri,Udaipur (Raj) [Email-ssbist@udrmintech.com](mailto:ssbist@udrmintech.com)

***Information as per Form-1and other documents submitted by Project Proponent .***

1	Category / Item no.(in Schedule):	1(A) category B-2
2	Location of Project	Krishna Khera Sand STP Mine, at Near Village- Krishna Khera, Tehsil – Luni, District – Jodhpur, State - Rajasthan
3	Project Details  M.L. No. /Production capacity	Khasra No- 1021/1, Area- 0.9438 ha., Production -29994(TPA)
4	Project Cost:	Rs. 34.0 Lac
5	Water Requirement  & Source	4.5KLD purchase from dug wells in nearby villages.
6	Fuel & Energy:-	No electricity will be required. Fuel (HSD) will be obtained from authorized public petrol pump & about 300 lits. /day Diesel will be used.
7	Application No. & Date & documents submitted :-	Mining plan, form I PFR was uploaded on MoEF's state portal on 14 <sup>th</sup> March, 2019 and hard copy submitted to SEIAA, Raj. on 18 <sup>th</sup> March, 2019.

8	Information about Aravalli Certificate.	Mining lease area does not falls in Aravalli hills. Certificated issued on date 14/02/2019 as vide letter no. Kha/Jodh/STP/2019/2348  (Aravalli certificate is enclosed in presentation on slide no. 10.)
9	Date of Air/Water/Noise Monitoring	Dt. 17 <sup>th</sup> Jan. 2019
10	Information about 500 mts composite map	500 mtr. composite map and cluster certificate is enclosed in presentation on slide no. 11. The total area in 500 mtr. radius is 1.9226 ha.
11	Environment Management Plan	Cost Estimates of EMP Implementation is Rs. 1.50 Lac.
12	CSR /ESR Activates	Proposed CSR cost is Rs. 1.0 lac/yr. (computer with power backup at higher secondary school at village Satlana- 2)
13	Green Belt/ Plantation	Total No. of 140saplings will be planted in the post-operational phase near working area and 500 sampling every year will be supply nearby village with tree guard.
14	Budgetary Breakup for Labour	Rs. 1.75 Lac. Per year (on drinking water- 50000/-, first aid- 15000/-, rest shelters- 15000/-, washroom- 50000/-, safety shoes- 20000/-, hand gloves- 18000/-, dust mask- 12000, earplugs- 6000/- , helmate- 4000/- & insurance- 5000 etc.)
15	Present Status :-	New applied area.

### **Observations of the committee:-**

The SEAC considered/examined the project proposal submitted by the PP and also the presentation made by him during the meeting. The SEAC also looked into the certificate issued by the Department of Water Resources. The certificate of the Department of Water Resources says that applied mining lease area, the details of which are mentioned above, is not part of any river or stream stretch. The SEAC also noted the observations made by the Hon'ble Rajasthan High Court in its order dated 27.11.2018, in the matter of D.B. Civil Writ Petition no. 9458/2018 Sanjay Kumar Garg V/s State of Rajasthan & oth. that replenishment of bajri can only take place in the river beds and not in the private khatedari lands or government lands which are far away from the river beds.

### **Resolution:**

Final Minutes of 4.12<sup>th</sup> meeting of SEAC held on 15<sup>th</sup> and 16<sup>th</sup> May, 2019

Keeping in view the information contained in the documents submitted by the PP and presentation made by him before the SEAC and after detailed deliberations, the members resolved to recommend to SEIAA for the grant of EC for production of Production - 29994(TPA) of bajri **Project Name:** - S.T.P.Area (IIT Campus Project), Reference No.2019100004272, area-0.9438ha., Khasra no-1021/1, Village-Krishan Khera, Tehsil-Luni, Disit-Jodhpur, Rajasthan. **Project Proponent:** - M/s Tata Project Limited, Add-I.I.T.,Karwar,Tehsil-Jodhpur, dist-Jodhpur,Email-jeetsankhla85@gmail.com **Consultant Name:** - Udaipur Min-Tech PVT. LTD., Add-206, Apeksha Complex.Sec-11.Hiran Magri,Udaipur (Raj) [Email-ssbist@udrmintech.com](mailto:Email-ssbist@udrmintech.com) with the specific and general conditions annexed at Annexure 'A'.

**Agenda no. 8 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15854)/ 2019-20**

**Project Name:** - Environmental Clearance for Bajri, Area-3.9928 hect. Khasra No.216/2 at near village-Dudhiya, Tehsil--Luni, Dist-Jodhpur, Rajasthan.

**Proponent Name:** - Sh.Heera Ram Bishnoi S/o Sh. Banna Ram Bishnoi.R/o-Airforce Officers Mess, Airforce Road, Ratanada, Jodhpur, Email-jeetsankhla85@gmail.com

**Consultant Name:** - Udaipur Min-Tech PVT. LTD., Add-206, Apeksha Complex.Sec-11.Hiran Magri,Udaipur (Raj) [Email-ssbist@udrmintech.com](mailto:Email-ssbist@udrmintech.com)

**Observations of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The SEAC also looked into the certificate issued by the Department of Water Resources. The certificate of the Department of Water Resources says that any part of the said mining lease, the details of which are mentioned above, does not fall in or is not part of any river and stream stretch. However, the note made at the bottom of the certificate states as follows:-

“This certificate is issued against mining department letter for STP case. This must be used for only lease/ STP purpose. This must not be used for any other purpose, place and evidence use etc”.

The note belies the content of the certificate, destroys and defeats the very purpose and objective for which it has been issued. The purpose of obtaining such certificate is to ensure that the STP/LOI does not fall in or is not part of any river and stream stretch. In case the LOI/STP is part of any river and stream then it is incumbent upon SEAC to ask for conducting replenishment study.

**Resolution:**

Keeping in view the information contained in the documents submitted by the PP and presentation made by him before the SEAC and after detailed deliberations, the members resolved to ask the PP to submit clear cut certificate regarding the fact as to whether the mining Lease/LOI/STP falls in or is not part of any river and stream stretch without

having any rider/condition to the certificate. The PP should submit the certificate within a period of 45 days from the date of receipt of the communication.

**Agenda no. 9 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2(15796)/ 2019-20**

**Project Name:** - EC of "Kanawasiya Bajri STP area", (Khasra no-134/1) STP area: 0.8869 Hect. Located near Village- Kanawasiya, Tehsil-Bilara, Distt. - Jodhpur, Rajasthan.

**Project Proponent:-** M/s Larson & Turblo Ltd., Add-Polot no. 28,29, Bhuriya Baba tower, Banar Circle, banar, Distt. Jodhpur, [Email-rj22b0024062@rajasthan.in](mailto:Email-rj22b0024062@rajasthan.in)

**Consultant Name:** - Nalin Bissa, Mining Engineer & RQP, Add-17 EC.H.B., Jodhpur, Rajasthan, Email-nalinbissa@gmail.com.

**Observations and Resolution of the committee:-**

The SEAC examined the case and observed that EC to this mining project has already been issued on 27.04.2019, therefore no action required.

**Agenda no. 10 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat.1(a)B2(15855)/ 2019-20**

**Project Name:-** ToR for Bajri Mining Project (ML Area-1.1305hect. Khasra no. 115 & 515/117 and Referece no-2019100004064) with production capacity of Avg. 51973 (Higher 160120) TPA located Near Village-Mangla , Tehsil-Samdari, Dist-Barmer, Rajasthan, By Shri Bhanwar Lal S/o. Shri Manaram-

**Project Proponent:** - Shri Bhanwar Lal S/o. Shri Manaram, Add-Bishnoion Ki Dhani, Deora, Distt.-Barmer(Raj),Email-bhanwarvishnoi003@gmail.com

**Consultant Name:** - Mantras Green Resorces, Add-Hall No-1Nice Sankul Plot No-A-9, Opp. Nasik Marchant CoOp Bank Ltd, ITI Signal, MIDCSatpur, Nasik.

**Observations and Resolution of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The mining plan submitted by the PP shows that the mining lease/LOI/STP/ Reference no. 2019100004064 comprising 1.130 hectare at Khasra no. 115 & 515/117, Village- Mangla , Tehsil- Samdari, Dist-Barmer belonging to him falls in cluster no 14 having area of 21.574 hectare. The area of the cluster in which lease/LOI/STP of the PP falls is more than 5 hectare and being so the present project is governed by the directions dated 13.09.2018 and 11.12.2018 of the Hon'ble NGT in the matter of Vikrant Tongad V/s Union of India & others and other similar matter. The directions of the Hon'ble NGT, inter-alia, mandates that if a cluster or



an individual lease size exceeds 5 hectare, the EIA/EMP be made applicable in the process for grant of EC.

As per the GT sheet, cluster mining plan & point no. 1.3 of the activity part in Form 1 the said mining lease/LOI/STP, either falls entirely in river Luni or a part of the lease/LOI/STP comes under river Luni and being so, the SEAC is of the view that the PP is required to conduct replenishment study in accordance with the guidelines issued by the MoEF and CC.

The SEAC therefore, observed that the PP is required to conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.

The EIA/EMP may be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. The SEAC is of the view that the PP should get one public consultation done for the entire cluster and after which prepare final EIA/EMP reports. Keeping in view the presentation made by the PP and examination of documents submitted by him the SEAC prescribed the ToR with public hearing, as per **Annexure-‘B’**, for carrying out detailed EIA and preparing comprehensive EIA report as per the provisions of the EIA notification 2006.

#### **Agenda no. 11 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2(15856)/ 2019-20**

**Project Name:** - EC for Bajri Mining Project (ML Area-2.6514 hect. Khasra no. 514/117 and Referece no-2019100004061) with production capacity of Avg. 72062 (Higher 169220) TPA located Near Village-Mangla , Tehsil-Samdari, Dist-Barmer, Rajasthan,By Shri Hukma Ram S/o-Shri Jetharam,Application submission for EC reg.

**Proponent Name:** - Shri Hukma Ram S/o-Shri Jetharam,Add-Mahadev Mandir ke pass, ward no.35, Balotra, Barmer, [Email-hukmaramprajapat003@gmail.com](mailto:Email-hukmaramprajapat003@gmail.com)

**Consultant Name:** - Mantras Green Resorces, Add-Hall No-1Nice Sankul Plot No-A-9, Opp. Nasik Marchant CoOp Bank Ltd, ITI Signal, MIDCSatpur, Nasik.

#### **Observations and Resolution of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The mining plan submitted by the PP shows that the mining lease/LOI/STP/ Referece no.- 2019100004061 comprising 2.6514 hectare at Khasra no. 514/117, Village- Mangla , Tehsil-Samdari, Dist-Barmer belonging to him falls in cluster no. 14 having area of 21.574 hectare. The area of the cluster in which lease/LOI/STP of the PP falls is more than 5 hectare and being so the present project is governed by the directions dated 13.09.2018 and 11.12.2018 of the Hon'ble NGT in the matter of Vikrant Tongad V/s Union of India & others and other similar

Final Minutes of 4.12<sup>th</sup> meeting of SEAC held on 15<sup>th</sup> and 16<sup>th</sup> May, 2019

matter. The directions of the Hon'ble NGT, inter-alia, mandates that if a cluster or an individual lease size exceeds 5 hectare, the EIA/EMP be made applicable in the process for grant of EC.

As per the GT sheet, cluster mining plan & point no. 1.3 of the activity part in Form 1 the said mining lease/LOI/STP, either falls entirely in river Luni or a part of the lease/LOI/STP comes under river Luni and being so, the SEAC is of the view that the PP is required to conduct replenishment study in accordance with the guidelines issued by the MoEF and CC.

The SEAC therefore, observed that the PP is required to conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.

The EIA/EMP may be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. The SEAC is of the view that the PP should get one public consultation done for the entire cluster and after which prepare final EIA/EMP reports. Keeping in view the presentation made by the PP and examination of documents submitted by him the SEAC prescribed the ToR with public hearing, as per **Annexure- 'B'**, carrying out detailed EIA and preparing comprehensive EIA report as per the provisions of the EIA notification 2006.

#### **Agenda no.12 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15857)/ 2019-20**

**Project Name:-** EC for Bajri Mining Project (ML Area-2.0 hect. Khasra no. 101 and Referece no-2019100003336) with production capacity of Avg. 72062 (Higher 169220) TPA located Near Village-Mangla , Tehsil-Samdari, Dist-Barmer, Rajasthan,By Shri Hukma Ram S/o-Shri Jetharam,Application submission for EC reg.

**Project Proponent:** - Shri Hukma Ram S/o-Shri Jetharam,Add-Mahadev Mandir ke pass, ward no.35, Balotra, Barmer, [Email-hukmaramprajapat003@gmail.com](mailto:Email-hukmaramprajapat003@gmail.com)

**Consultant Name:** - Mantras Green Resorces, Add-Hall No-1Nice Sankul Plot No-A-9, Opp. Nasik Marchant CoOp Bank Ltd, ITI Signal, MIDCSatpur, Nasik .

#### **Observations and Resolution of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The mining plan submitted by the PP shows that the mining lease/LOI/STP/ Referece no-2019100003336 comprising 2.0 hectare at Khasra no. 101 Village- Mangla, Tehsil- Samdari, Dist- Barmer belonging to him falls in cluster no. 14 having area of 21.574 hectare. The area of the cluster in which lease/LOI/STP of the PP falls is more than 5 hectare and being so the present project is governed by the directions dated 13.09.2018 and 11.12.2018 of the Hon'ble NGT in the matter of Vikrant Tongad V/s Final Minutes of 4.12<sup>th</sup> meeting of SEAC held on 15<sup>th</sup> and 16<sup>th</sup> May, 2019

Union of India & others and other similar matter. The directions of the Hon'ble NGT, inter-alia, mandates that if a cluster or an individual lease size exceeds 5 hectare, the EIA/EMP be made applicable in the process for grant of EC.

As per the GT sheet, cluster mining plan & point no. 1.3 of the activity part in Form 1 the said mining lease/LOI/STP, either falls entirely in river Luni or a part of the lease/LOI/STP comes under river Luni and being so, the SEAC is of the view that the PP is required to conduct replenishment study in accordance with the guidelines issued by the MoEF and CC.

The SEAC therefore, observed that the PP is required to conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.

The EIA/EMP may be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. The SEAC is of the view that the PP should get one public consultation done for the entire cluster and after which prepare final EIA/EMP reports. Keeping in view the presentation made by the PP and examination of documents submitted by him the SEAC prescribed the ToR with public hearing, as per **Annexure- 'B'**, carrying out detailed EIA and preparing comprehensive EIA report as per the provisions of the EIA notification 2006.

#### **Agenda no. 13 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15858)/ 2019-20**

**Project Name:** - EC for Bajri Mining Project (ML Area- 4.0 hect. Khasra no. 498 and Referece no-2019100003571) with production capacity of Avg. 91008 (Higher 161460) TPA located Near Village-Paylakalan , Tehsil-Samdari, Dist-Barmer, Rajasthan,By Shri Moola Ram s/o-Shri Jawara Ram,Application submission for EC reg.

**Project Proponent:** - Shri Moola Ram s/o-Shri Jawara Ram, Add- Village- Paylakalan, Tehsil-Samdari, Dist-Barmer, [Rajasthan.Email-moolaram3571@gmail.com](mailto:Rajasthan.Email-moolaram3571@gmail.com)

**Consultant Name:** - Mantras Green Resorces, Add-Hall No-1Nice Sankul Plot No-A-9, Opp.Nasik Marchant CoOp Bank Ltd, ITI Signal, MIDCSatpur, Nasik.

#### **Observations and Resolution of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The mining plan submitted by the PP shows that the mining lease/LOI/STP/ Referece no-2019100003571 comprising 4.0 hectare at Khasra no. 498 Village- Paylakalan , Tehsil- Samdari, Dist-Barmer belonging to him falls in cluster no. 24 having area of 10 hectare. The area of the cluster in which lease/LOI/STP of the PP falls is more than 5 hectare and being so the present project is governed by the directions dated 13.09.2018 and 11.12.2018 of the Hon'ble NGT in the matter of Vikrant Tongad V/s Union of India & others and other similar matter. The

directions of the Hon'ble NGT, inter-alia, mandates that if a cluster or an individual lease size exceeds 5 hectare, the EIA/EMP be made applicable in the process for grant of EC.

As per the GT sheet, cluster mining plan & point no. 1.3 of the activity part in Form 1 the said mining lease/LOI/STP, either falls entirely in river Luni or a part of the lease/LOI/STP comes under river Luni and being so, the SEAC is of the view that the PP is required to conduct replenishment study in accordance with the guidelines issued by the MoEF and CC. The SEAC therefore, observed that the PP is required to conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.

The EIA/EMP may be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. The SEAC is of the view that the PP should get one public consultation done for the entire cluster and after which prepare final EIA/EMP reports. Keeping in view the presentation made by the PP and examination of documents submitted by him the SEAC prescribed the ToR with public hearing, as per **Annexure- 'B'**, carrying out detailed EIA and preparing comprehensive EIA report as per the provisions of the EIA notification 2006.

#### **Agenda no. 14 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15859)/ 2019-20**

**Project Name:** - EC for Bajri Mining Project (ML Area-3.0 hect. Khasra no. 739/163 and Reference no-2019100004241) with production capacity 90315 TPA located Near Village-Kitnod, Tehsil- Pachpadra, Dist-Barmer, Rajasthan, By Smt. Shanti Devi- Application submission for EC reg.

**Project Proponent:** - Smt. Shanti Devi W/o shri Jagadish Gehlot Add-Police Thane ke Peeche, Balotra, Pachpadra, Barmer, [Email-003shantidevi@gmail.com](mailto:Email-003shantidevi@gmail.com)

**Consultant Name:** - Mantras Green Resorces, Add-Hall No-1Nice Sankul Plot No-A-9, Opp.Nasik Marchant CoOp Bank Ltd, ITI Signal, MIDCSatpur, Nasik.

#### **Observations and Resolution of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The mining plan submitted by the PP shows that the mining lease/LOI/STP/ Reference no-2019100004241 comprising 3.0 hectare at Khasra no.739/163 Village- Kitnod, Tehsil- Pachpadra, Dist- Barmer belonging to him falls in cluster no. 20 having area of 5.8252 hectare. The area of the cluster in which lease/LOI/STP of the PP falls is more than 5 hectare and being so the present project is governed by the directions dated 13.09.2018 and 11.12.2018 of the Hon'ble NGT in the matter of Vikrant Tongad V/s Union of India & others and other similar matter. The directions of the Hon'ble NGT, inter-alia, mandates that if a cluster or an

individual lease size exceeds 5 hectare, the EIA/EMP be made applicable in the process for grant of EC.

As per the GT sheet, cluster mining plan & point no. 1.3 of the activity part in Form 1 the said mining lease/LOI/STP, either falls entirely in river Luni or a part of the lease/LOI/STP comes under river Luni and being so, the SEAC is of the view that the PP is required to conduct replenishment study in accordance with the guidelines issued by the MoEF and CC.

The SEAC therefore, observed that the PP is required to conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.

The EIA/EMP may be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. The SEAC is of the view that the PP should get one public consultation done for the entire cluster and after which prepare final EIA/EMP reports. Keeping in view the presentation made by the PP and examination of documents submitted by him the SEAC prescribed the ToR with public hearing, as per **Annexure-‘B’**, carrying out detailed EIA and preparing comprehensive EIA report as per the provisions of the EIA notification 2006.

#### **Agenda no. 15 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15860)/ 2019-20**

**Project Name:-** EC for Bajri Mining Project (ML Area-1.0 hect. Khasra no. 819 and Reference no-2019100005017) with production capacity of Avg. 14074(Higher 15147) TPA located Near Village-Sarana, Tehsil-Panchpadra, Dist-Barmer, Rajasthan, By Idan Ram S/o.Shri Haja Ram, Application submission for EC reg.

**Project Proponent:** - Idan Ram S/o.Shri Haja Ram, Add- Village-Sarana, Tehsil-Panchpadra, Dist-Barmer, [Rajasthan.Email-idanram31@gmail.com](mailto:Idanram31@gmail.com)

**Consultant Name:** - Mantras Green Resorces, Add-Hall No-1Nice Sankul Plot No-A-9, Opp.Nasik Marchant CoOp Bank Ltd, ITI Signal, MIDCSatpur, Nasik.

#### **Observations and Resolution of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The mining plan submitted by the PP shows that the mining lease/LOI/STP/ Reference no-2019100005017 comprising 1.0 hectare at Khasra no. 819 Village-Sarana, Tehsil-Panchpadra, Dist-Barmer belonging to him falls in cluster no. 19 having area of 11.7425 hectare. The area of the cluster in which lease/LOI/STP of the PP falls is more than 5 hectare and being so the present project is governed by the directions dated 13.09.2018 and 11.12.2018 of the Hon’ble NGT in the matter of Vikrant Tongad V/s Union of India & others and other similar matter. The

directions of the Hon'ble NGT, inter-alia, mandates that if a cluster or an individual lease size exceeds 5 hectare, the EIA/EMP be made applicable in the process for grant of EC.

As per the GT sheet, cluster mining plan & point no. 1.3 of the activity part in Form 1 the said mining lease/LOI/STP, either falls entirely in river Luni or a part of the lease/LOI/STP comes under river Luni and being so, the SEAC is of the view that the PP is required to conduct replenishment study in accordance with the guidelines issued by the MoEF and CC. The SEAC therefore, observed that the PP is required to conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.

The EIA/EMP may be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. The SEAC is of the view that the PP should get one public consultation done for the entire cluster and after which prepare final EIA/EMP reports. Keeping in view the presentation made by the PP and examination of documents submitted by him the SEAC prescribed the ToR with public hearing, as per **Annexure- 'B'**, carrying out detailed EIA and preparing comprehensive EIA report as per the provisions of the EIA notification 2006.

#### **Agenda no. 16 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15861)/ 2019-20**

**Project Name:** - EC for Bajri Mining Project (ML Area-4.0 hect. and Reference no-2019100003616) with production capacity of Avg. 106938 TPA located Near Village - Mangla , Tehsil-Samdari, Dist-Barmer.

**Project Proponent:** - Shri Akshit Choudhary, Add-56, F-2, Ashok Wati Whivraj Niketan Colony, Jaipur,Rajasthan, [Email-choudharyakshit19@gmail.com](mailto:Email-choudharyakshit19@gmail.com)

**Consultant Name:** - Mantras Green Resorces, Add-Hall No-1Nice Sankul Plot No-A-9, Opp.Nasik Marchant CoOp Bank Ltd, ITI Signal, MIDCSatpur, Nasik.

#### **Observations and Resolution of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The mining plan submitted by the PP shows that the mining lease/LOI/STP/ Reference no-2019100003616 comprising 4.0 hectare at Khasra no. 125 Village -Mangla , Tehsil-Samdari, Dist-Barmer belonging to him falls in cluster no. 14 having area of 21.574 hectare. The area of the cluster in which lease/LOI/STP of the PP falls is more than 5 hectare and being so the present project is governed by the directions dated 13.09.2018 and 11.12.2018 of the Hon'ble NGT in the matter of Vikrant Tongad V/s Union of India & others and other similar matter. The directions of the Hon'ble NGT, inter-alia, mandates that if a cluster or an individual lease size exceeds 5 hectare, the EIA/EMP be made applicable in the process for grant of EC.



As per the GT sheet, cluster mining plan & point no. 1.3 of the activity part in Form 1 the said mining lease/LOI/STP, either falls entirely in river Luni or a part of the lease/LOI/STP comes under river Luni and being so, the SEAC is of the view that the PP is required to conduct replenishment study in accordance with the guidelines issued by the MoEF and CC.

The SEAC therefore, observed that the PP is required to conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.

The EIA/EMP may be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. The SEAC is of the view that the PP should get one public consultation done for the entire cluster and after which prepare final EIA/EMP reports. Keeping in view the presentation made by the PP and examination of documents submitted by him the SEAC prescribed the ToR with public hearing, as per **Annexure- 'B'**, carrying out detailed EIA and preparing comprehensive EIA report as per the provisions of the EIA notification 2006.

#### **Agenda no. 17 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15862)/ 2019-20**

**Project Name:** - E C for Bajri Mining Project (ML Area 4.0 ha. Khasra no. 173 & 174 And Reference No. 2019100003337) with production Capacity of Avg. 80,309 (Higher 103106) TPA located Near Village – Kitnod, Tehsil- Panchpdra, Distt.- Barmer, (Raj.) by Prdeep Meena S/o Shri Mohan Lal Meena.

**Project Proponent:** - Shri Pradeep Meena, add-34, Sant Balram Colony, Nagaur, Rajasthan, Email.- [pradeepjimeena03@gmail.com](mailto:pradeepjimeena03@gmail.com)

**Consultant Name:** - Mantras Green Resoreces, Add-Hall no-1, Nice Sankul Plot No-A-9, Opp. Nasik Marchant co op Bank Ltd, ITI Signal, Midcsatpur, Nasik.

#### **Observations and Resolution of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The mining plan submitted by the PP shows that the mining lease/LOI/STP/ Reference No. 2019100003337 comprising 4.0 hectare at Khasra no. 173 & 174 Village – Kitnod, Tehsil- Panchpdra, Distt.- Barmer, belonging to him falls in cluster no. 19 having area of 11.7425 hectare. The area of the cluster in which lease/LOI/STP of the PP falls is more than 5 hectare and being so the present project is governed by the directions dated 13.09.2018 and 11.12.2018 of the Hon'ble NGT in the matter of Vikrant Tongad V/s Union of India & others and other similar matter. The directions of the Hon'ble NGT, inter-alia, mandates that if a cluster or



an individual lease size exceeds 5 hectare, the EIA/EMP be made applicable in the process for grant of EC.

As per the GT sheet, cluster mining plan & point no. 1.3 of the activity part in Form 1 the said mining lease/LOI/STP, either falls entirely in river Luni or a part of the lease/LOI/STP comes under river Luni and being so, the SEAC is of the view that the PP is required to conduct replenishment study in accordance with the guidelines issued by the MoEF and CC. The SEAC therefore, observed that the PP is required to conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.

The EIA/EMP may be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. The SEAC is of the view that the PP should get one public consultation done for the entire cluster and after which prepare final EIA/EMP reports. Keeping in view the presentation made by the PP and examination of documents submitted by him the SEAC prescribed the ToR with public hearing, as per **Annexure-‘B’**, carrying out detailed EIA and preparing comprehensive EIA report as per the provisions of the EIA notification 2006.

#### **Agenda no.18 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15863)/ 2019-20**

**Project Name:** - E C for Bajri Mining Project (M L Area 1.3958 ha. Khasra no. 140 And Reference No. 2019100004142) with production Capacity of 30100 TPA located Near Village – Mangla, Tehsil- Samdari, Distt.- Barmer, (Raj.) by Smt Tara Meena W/o Shri Jwala Prasad Meena;

**Project Proponent:-** Smt Tara Meena, Vill & Post – Ward No. 11, Jahaj, Distt.- Jhunjhunu Rajasthan , Email.- [Tarameena4142@gmail.com](mailto:Tarameena4142@gmail.com)

**Consultant Name:-** Mantras Green Resoreces, Add-Hall no-1, Nice Sankul Plot No-A-9, Opp. Nasik Marchant co op Bank Ltd, ITI Signal, Midcsatpur, Nasik.

#### **Observations and Resolution of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The mining plan submitted by the PP shows that the mining lease/LOI/STP/ Reference No. 2019100004142 comprising 1.3958 hectare at Khasra no. 140 Village – Mangla, Tehsil- Samdari, Distt.- Barmer, belonging to him falls in cluster no. 14 having area of 21.574 hectare. The area of the cluster in which lease/LOI/STP of the PP falls is more than 5 hectare and being so the present project is governed by the directions dated 13.09.2018 and 11.12.2018 of the Hon’ble NGT in the matter of Vikrant Tongad V/s Union of India & others and other similar matter. The directions of the Hon’ble NGT, inter-alia, mandates that if a cluster or an

individual lease size exceeds 5 hectare, the EIA/EMP be made applicable in the process for grant of EC.

As per the GT sheet, cluster mining plan & point no. 1.3 of the activity part in Form 1 the said mining lease/LOI/STP, either falls entirely in river Luni or a part of the lease/LOI/STP comes under river Luni and being so, the SEAC is of the view that the PP is required to conduct replenishment study in accordance with the guidelines issued by the MoEF and CC. The SEAC therefore, observed that the PP is required to conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.

The EIA/EMP may be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. The SEAC is of the view that the PP should get one public consultation done for the entire cluster and after which prepare final EIA/EMP reports. Keeping in view the presentation made by the PP and examination of documents submitted by him the SEAC prescribed the ToR with public hearing, as per **Annexure-‘B’**, carrying out detailed EIA and preparing comprehensive EIA report as per the provisions of the EIA notification 2006.

#### **Agenda no. 19 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15867)/ 2019-20**

**Project Name:** - EC for Ball Clay, Fire Clay, Kankar, Bajri And Silica Sand Mining Project (ML Area-4.80 ha. And ML No-09/10) with production capacity of 2933300 TPA located near Village-Indo Ka Bala, Tehsil-kolayat, Dist-Bikaner, Rajasthan, by M/s R.K.Mines & Minerals -Application submission for EC reg.

**Project Proponent:** - R.K.Mines and Minerals, Add-ward no-06, near Hanuman Nandir ,Village-Karmisar, Bikaner, Email-rkminesminerals19@gmail.com

**Consultant Name:** - Mantras Green Resorces, Add-Hall No-1Nice Sankul Plot No-A-9, Opp.Nasik Marchant CoOp Bank Ltd, ITI Signal, MIDCSatpur, Nasik.

#### **Observations and Resolution of the committee:-**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the meeting. The PP in form no.1 at para 6 has stated that the cluster area is more than 5 hectare. He has however not mentioned the exact area of the cluster. The PP upon enquiry informed that the size of cluster is 66.43 hectare. The SEAC noted that though the mining lease was granted to Shree Ashish Kumar Singh on 30.09.2011 for Ball Clay and Fire Clay. The LOI has now been issued in favour of M/s R.K. Mines & Minerals on 22.01.2019 for extraction of Ball Clay, Fire Clay, Kankar, Bajri and Silica Sand and has thus applied for EC for all these minerals. The claim of the PP that the provisions of the EIA notification 2006, contained under Appendix XI para VI of the schedule, that cluster situation shall not be applicable to mine leases and query Final Minutes of 4.12<sup>th</sup> meeting of SEAC held on 15<sup>th</sup> and 16<sup>th</sup> May, 2019

license granted on or before 09.09.2013 is not acceptable. Besides only those leases in the cluster which have got EC as on 15.01.2016 are not counted for calculating for cluster area. The mining lease of the PP does not have any EC whatsoever. The SEAC is of the view that the mining lease of PP is covered under cluster situation and is therefore, required to be appraised accordingly.

The SEAC therefore, observed that the PP is required to conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.

The EIA/EMP may be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. The SEAC is of the view that the PP should get one public consultation done for the entire cluster and after which prepare final EIA/EMP reports. Keeping in view the presentation made by the PP and examination of documents submitted by him the SEAC prescribed the following ToR with public hearing for carrying out detailed EIA and preparing comprehensive EIA report as per the provisions of the EIA notification 2006.

#### **General TOR:**

1. The validity period of this ToRs letter would be for a period of three years from the date of dispatch of the ToRs letter.
2. The study area will comprise 10 km zone around the mine lease from lease periphery and the data contained in the EIA with respect to mining operations such as conceptual pit limits, waste generation etc. should be for the life of the mine/lease period.
3. Location of other industries & mines within the study area along with their production and pollutants generated by them, estimated pollution load and cumulative impact on environment including the proposed project should be submitted. The same shall be accounted for while generating mathematical models of pollution dispersion for preparation of the EMP.
4. In the case of existing mine, year-wise production (since inception of the mines) details clearly indicating the proposed highest production for the life of the mine/lease period should be submitted.
5. Details of land to be used as the designated dumping site for OB dump should be selected and proposed within the lease area as per the approved mining plan. In no case the overburden should be dumped outside the lease area, however proposal for utilization of OB for construction or other meaningful use to the extent possible may be submitted and should try to work on zero waste patterns. Details regarding quantity of solid waste generation to be estimated and details for its disposal and dump management are to be provided.

6. Land use plan of the mine lease area should be prepared to encompass pre-operational, operational and post operational phases.
7. The P.P. should provide a mining plan along-with progressive mine closer plan and implementation plan at the time of submission of application for the EC.
8. Based on the study and the points raised by the people during public hearing, the P.P. shall work out an effective plan to address the environmental, socio-economic and other issues identified during the process, with suitable funds allocation for the purpose. Further PP shall implement all commitments made during public hearing, while implementing the project.
9. Certificate regarding mine lease area not falling in the Aravalli Hills issued by the Mining Engineer/ Assistant Mining Engineer in the prescribed format, as per the instructions contained in the letter no. DMG/ADM/Env/EC/F11/06/17-76 dt. 17.01.2011 issued by the Director, Department of Mines and Geology, GoR, Udaipur, should be submitted.
10. List/details within 10 km radius of the mine lease area, the location of human settlement, water bodies, Reserve Forest, National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant reserves (existing / proposed), shall be clearly indicated giving the land use. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above shall be obtained from the Chief Wildlife Warden under the Wildlife (Protection) Act' 1972 and submitted. This location map should also indicate the list and location of other mine leases existing, if any, within 10 km radius.
11. The ToR is subject to the specific condition that the PP shall obtain prior clearance from forestry and wild life angle including clearance from Standing Committee of the National Board Wild Life if applicable. It is further categorically stated that grant of EC does not necessary implies that forestry and wild life clearance shall be granted to the project and that their proposals for forestry and wild life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any, based on environment clearance so granted, in anticipation of the clearance from forestry and wildlife angle shall be entirely at the cost and risk of the project proponent and Ministry of Environment & Forests shall not be responsible in this regard in any manner.
12. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey. The details regarding flora to include information regarding (a) trees, shrubs, grasses, (b) frequency, density, I V I, abundance % of species occurring on proposed site, (c) dominant species of trees, shrubs , grasses (d) endemic species, (e) threatened species, (f) rare species, (g) endangered species and (h) vulnerable species. The details of fauna to include information regarding list and distribution clearly indicating the Schedule of the Final Minutes of 4.12<sup>th</sup> meeting of SEAC held on 15<sup>th</sup> and 16<sup>th</sup> May, 2019

fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.

13. Collection of one season (non-monsoon) primary baseline data on ambient air quality, water quality, noise level, soil and flora and fauna, ambient air quality should be determined by measuring the concentration of parameters like P.M.<sub>2.5</sub>, P.M.<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> according to the latest standards prescribed by CPCB. Site-specific meteorological data should also be collected. The location of the monitoring stations (minimum 6) should be justified. Date wise collected baseline AAQ data should form part of EIA and EMP report. The monitoring shall be carried out by CPCB/NABL/ MOEF&CC/GoR approved laboratory and copy of the report to be submitted.
14. Air quality modelling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modelling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind roses showing pre-dominant wind direction should be indicated on map. Wind Rose Diagram should be representative and include stability class and inversion phenomenon of that area along with the lapse rate.
15. Surface and ground water study should be carried out, both pre-monsoon and post monsoon monitoring. Information about proposed working depth of mining area, groundwater table both in above MSL and Below Ground Level (BGL) should be provided. Based on actual monitored data, it may clearly be shown whether mine working will intersect groundwater table or not. In case the mining activity intersects the ground water table then necessary permission from CGWA should be obtained. Impact of the project on the water quality both surface and groundwater should also be assessed and necessary safeguard measures, if any required should be provided. Further, submit water drainage plan of the 10 km study area.
16. The P.P. should ensure compliance of the order of the Hon'ble Rajasthan High Court, Jodhpur, in D. B. Civil writ petition no. 1536 of 2003 in the matter of Abdul Rahman vs State of Rajasthan and others and submit a brief note regarding compliance of the court order.
17. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement (if any) for the project should also be indicated. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided. Details of water conservation measures including rainwater harvesting should be provided and to be adopted in the project.

18. Consumption of diesel and its storage should be provided along with an action plan for its efficient consumption.
19. The Conceptual post mine land use plan and Reclamation & Rehabilitation (R&R) plan of mined out area (with plans and sections at appropriate scale as per MCDR 1988) should be submitted.
20. Impact on local transport and infrastructure due to the project: Projected increase in hauling vehicles as a result of the project in the present road network (including those outside the project area) and whether it is capable of handling the increased load. Arrangement for improving the infrastructure to avoid any congestion especially at junctions and mishaps throughout the route of transportation of mineral should be ensured and action to be taken by other agencies such as State Government, if any, should be covered.
21. The green belt area should be developed in 33% of total lease area, provide time taken for of progressive greenbelt development, plantation and compensatory afforestation clearly indicating the 33% area to be covered under plantation giving detail of local species, width of plantation, plantation schedule etc. along with year wise financial expenditure. The proposal for completion should be within a period of 3 years from the start of mining operation. Information regarding greenbelt development plan shall also be prepared in a tabular form, indicating the location of the area, type of tree and its number supported by a map. In case plantation is not possible in the mining lease area then proposal for plantation on alternate land of area measuring 33% of the lease area should be ensured after due procreation/ identification of such land with due consent of the land owner. **Further, existing mining projects should carryout plantation in 33% of lease area and thereafter come for the EC.**
22. Budgetary provision for the labours (registered/unregistered/others) working in the mine should be submitted for all necessary infrastructure facilities such as health facility, sanitation facility, and fuel for cooking, along with provision for safe drinking water, monthly medical camps and distribution of medicines, primary education and toilets for women, crèche for infants.
23. Details regarding occupational health impact of the project should be provided. Health study in the surrounding area be carried out covering information regarding prevailing diseases, mortality rate etc. Health and Safety Plan should be prepared and submitted.
24. The P.P. will carry out proper Socio-economic survey of the villages situated in the study area. The details of survey are given informat 'J'. Based upon its findings and also as per public hearing issues and keeping in view the felt needs of local population, the P.P. will provide adequate budget for carrying out CER activities including provision for toilets for girls in nearby schools, monthly medical camps, and improvement in educational facilities in the nearby schools. Further, existing mining projects should carryout CER for a period of at least one year and thereafter come for the EC.

25. Measures for socio economic influence on the local community due to proposed project to be provided by project proponent. As far as possible, appropriate quantitative dimension to be given. Analysis of job requirements vis-à-vis employability of local population need to be provided.
26. Detailed environmental management plan (EMP) to mitigate the environmental impacts inter-alia including the impact due to change of land use, due to loss of agricultural land and grazing land, if any, should also be submitted besides other impacts of the project. The budgetary provision (both capital and recurring) for implementing the proposed EMP should be clearly spelt out.
27. Points to be raised during Public hearing and commitment of the project proponent on the same along with time bound action plan to implement the commitments and the necessary allocation of funds for the same should be provided.
28. Any litigation pending against the project and /or any direction /order passed by any Court of Law against the project, if so, details thereof should be submitted.
29. That the Project Proponent shall clearly spell out details of the explosives and blasting to be used, if any, for carrying on mining activity along with the impact of blasting on the environment and safety major to be proposed.
30. Provide details about transfer/allotment of mining lease, extension of lease period etc. along with authenticated copies of orders for lease allotment / transfer / extension of validity period.
31. A balance sheet certified by Authorized Financial Expert to clearly indicate the provision made / amount spent for EMP/ERP/CER/ Safety/Labour welfare/ Legal Obligations etc to be enclosed.
32. PP should clearly mention in the documents whether there is any violation of provisions of EIA Notification and inform at the start of presentation (to be a part of computer presentation also) as per MoEF Notification dated 8.3.2018.
33. The PP shall submit final and authenticated copy of the DSR (District Survey Report) as contemplated under Appendix-X of the EIA Notification 2006.
34. The Environmental Clearance will not be operational till such time the project proponent complies 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.
35. State Government concerned shall ensure that mining operation shall not commence till the entire compensation levied, if any, for illegal mining is paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of judgment of Hon'ble Supreme Court dated 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.



36. Used filter papers (Air monitoring) along with photographs of the site showing Air / Water sampling / monitoring activity / equipment used at each station should be submitted. Original copies of analysis report of all the relevant data referred in the documents should be enclosed.
37. After preparing the draft EIA (as per the generic structure prescribed in Appendix-III of the EIA Notification, 2006 and as amended from time to time ) covering the above mentioned issues, the proponent shall get the public hearing conducted (strictly following the procedure laid down in the Appendix IV of the Amendment Notification dated 01.12.2009 and MoEF circular no. J-15012/29/2010/IA.II (M) dated 19.04.2010, as per amendment, if any). In this regard due care would be taken in (i) deciding the venue of public hearing (at the project site or in its close proximity, to ensure widest possible public participation), (ii) forwarding the Draft EIA Reports with Executive Summary Reports and notice for hearing to various authorities / offices, specifically to Urban Local Bodies/ Panchayati Raj. Institutions (i.e Zila Parishad, Panchayat Samiti & Gram Panchayat)/ Development Authorities (i.e. U.I.T., J.D.A. etc.), (iii) adequate publicity regarding date, place and time of public hearing among local public, (iv) recording requisite “certificate” at the end of public hearing proceedings / report and (v) displaying the report in the office of Gram Panchayat, Zila Parishad, Collectorate etc.(vi) videography of the complete proceedings of the public hearing to be carried out. After completing the public hearing process as described above, the proponent shall take further necessary action for obtaining environmental clearance in accordance with the procedure prescribed under the EIA Notification, 2006 and subsequent amendments.
38. The information regarding the work order/agreement issued by the P.P. to the consultant (Accredited from QCI/ NABET for proposed project Sector) should be submitted along with, (a) Dispatch No. of the work order/agreement, (b) Date of issue of work order (c) Date of start of air/water/other monitoring work (as applicable) and (d) Postal address/ Email Address/ Fax Number/ Mobile Number and Landline Number of the P.P.

#### **Specific ToR:**

1. The PP shall conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.
2. The EIA/EMP shall be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. The PP shall get one public consultation done for the entire cluster and after which prepare final EIA/EMP reports.

**Points to be included in TOR as per MoEF&CC circular no. J-11013/41/2006-IA.II(I)-Pt. dt. 19.05.2011 regarding Corporate Environmental Responsibility.**

1. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
2. Does the Environment Policy prescribed for standard operating process/procedures to bring into focus any infringement/deviation/violation of the Environmental or forest norms /conditions? If so, it may be detailed in the EIA report.
3. What is the hierarchical system or administrative order of the company to deal with the Environmental issues and for ensuring compliance with the EC conditions? Details of this system may be given.
4. Does the company have a system of reporting of non-compliances/violations of Environmental norms to the Board of Directors of the company and /or shareholders or stakeholders at large? This reporting mechanism should be detailed in the EIA report.

**Specific ToRs applicable, in the cases of violation in terms of the Notification dated 14.3.2017 and 8.3.2018 and OMs dated 30.5.2018, 4.7.2018 of the MoEF&CC :**

1. The PP shall undertake assessment of ecological damage, remediation plan and natural and community resource augmentation plan. Such plan shall be prepared as an independent chapter in the Environment Impact Assessment report. The report shall be prepared by the accredited consultant. Collection and analyses of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986 or an environmental Laboratory, accredited by the National Accreditation Board for Testing and Calibration Laboratories or a Laboratory of the Council of Scientific and Industrial Research Institution working in the field of environment.
2. The Environment Management Plan shall comprise remediation plan and natural and community resource augmentation plan corresponding to ecological damage assessed and economic benefit derived due to the violation.
3. The PP shall undertake Final Environment Impact Assessment and prepare Final Environment Management Plan after conducting Public Hearing.
4. The PP shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the State Pollution Control Board and the PP shall deposit the bank guarantee prior to the grant of Environmental Clearance and which shall be released after successful implementation of the remediation plan and natural and community resource augmentation plan and after recommendation by Regional Office of the Ministry, State Level Expert Appraisal Committee and approval of SEIAA.
5. The project proponent shall give 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. before grant of ToR/ EC the undertaking inter-alia include commitment of the PP not to repeat any such violation in future.

6. In case of violation of above undertaking, the Environmental Clearance shall be liable to be terminated forthwith as per OM dated 30.5.2018 of the MoEF&CC.

In the final EIA /EMP report , compliance of points of ToRs should be reported point wise in a statement of three columns as indicated below:-

S. No	Items in the letter of the ToRs	Reply / Response by the PP
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**Agenda no.20 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15864)/ 2019-20**

**Project Name: - Regarding** grant of E C of Aalaniyawas Bajri Mining Project (M.L. NO. 72/2019) Mining Lease Area: 2.8798 Hec. Located Near Vill.- Aalaniyawas, Teshil- Riyan Bari, Distt.- Nagaur, Raj.

**Project Proponent:-** Rajeshwari Devi, R/o Aalaniyawas, Tehsil- Riyan Bari, Distt.- Nagaur Rajasthan , Email.- [Navdurgaaajmer@gmail.com](mailto:Navdurgaaajmer@gmail.com)

**Consultant Name: -** Geo Green Enviro House Pvt. Ltd, C/O Shivani Mines & Minerals, B39, RIICO Housing Colony, Beawar, Distt. - Ajmer Raj. E-mail. - [Shivanimines@gmail.com](mailto:Shivanimines@gmail.com)

**Observations and Resolution of the committee:-**

Neither the PP nor the consultant was present during the presentation. However, the person authorized by the PP has submitted letter dated 16.05.2019 requesting deferment of the case for next meeting. The SEAC agreed to the request and deferred the case for the next meeting.

**Agenda no. 21 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15885)/ 2019-20**

**Project Name: -** EC for Rohisa (sand) Bajri project M.L no. 7/2019, Khasra no. 42, 43 & 44, Area -2.9730 hectare production capacity of mine: 91, 955 TPA (ROM) Neaer village- Rohisa, Tehsil- Riyan badi, Distric-Nagaur(Raj.) (Proposal no. 33956)

**Project Proponent:-** Smt. Priyanka Jingar D/o Shri Ramesh Jingar R/o aal merta city , Charbhuj hospital, jaitaran chauki , merta city , district- Nagaur (Raj.)

**Consultant:-** Vardan environet add: D-142 sushant lok-III sector-57 Gurgaon -122003 (Haryana) email.- [info@vardanenvironet.com](mailto:info@vardanenvironet.com)

**Observations and Resolution of the committee:-**

The SEAC examined the proposal submitted by the PP. The cluster area map submitted by PP for LOI ML. No. 7/2019 and 15/ 2019 for bajri lease areas near Village- Rohisa, Final Minutes of 4.12<sup>th</sup> meeting of SEAC held on 15<sup>th</sup> and 16<sup>th</sup> May, 2019

Tehsil- Riyan badi, District- Nagaur (Raj.) reflects only M.L. No. 7/2019 and not the areas of other LOIs. The map itself has inherent contradiction as at the top of map it is stated that it is cluster area map for LOI M.L. no. 7/2019 and 15/2019 whereas the boundary of 500 meter around the LOI shows only one M.L. namely 7/2019. It does not show other LOI bearing no. 15/2019. The cluster area map, the SEAC feels, is not correct. The doubt is further strengthened by the complaint dated nill received from the villagers of village Riyan badi District Nagaur. It is alleged in the complaint that the certificates of cluster area issued by AME, Gotan are incorrect and false certificates have been issued to circumvent the provisions of the EIA notification. The intention to do so, it is alleged, is to reduce the size of cluster and to make it less than 5 hectare to avoid the process of public consultation and preparation of EIA/EMP report.

The SEAC therefore resolved to ask the PP to explain the correct position and submit actual cluster area certificate, giving details of all the LOIs falling in the cluster in terms of notification dated 15.01.2016 and 01.07.2016 and not on the basis of 500 meter composite map, within a period of 45 days.

**Agenda no. 22 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15884)/ 2019-20**

**Project Name:** -EC for Bajri Mining project (Minor Mineral) M.L. No. 10/2019, Khasra no. 224 & 225 Area-2.87909 Ha. production capacity of mine:83842 TPA Near village - Rohisa, Tehsil- Riyan badi, Distric-Nagaur(Raj.) (Proposal no. 32480)

**Project Proponent:-** Sh. Jabid Hussain S/o Sh. Babu Khan R/o merta city , District- Nagaur (Raj.)

**Consultant:-** Vardan environet add: D-142 sushant lok-III sector-57 Gurgaon -122003 (Haryana) email:- info@vardanenvironet.com

**Observations and Resolution of the committee:-**

The SEAC examined the proposal submitted by the PP. The map submitted by PP shows cluster area for LOI ML. No. 10/2019 mineral-bajri Village- Rohisa, Tehsil- Riyan badi, District- Nagaur (Raj.) only. The map does not show other LOIs in the cluster area. Besides, the map submitted by the PP is not a map of cluster area in terms of the notifications dated 15.01.2016 and 01.07.2016.

During appraisal of the project the SEAC considered the complaint dated nill received from the villagers of village Riyan badi District Nagaur. It is alleged in the complaint that the certificates of cluster area issued by AME, Gotan are incorrect and false certificates have been issued to circumvent the provisions of the EIA notification. The intention to do so, it is alleged, is to reduce the size of cluster and to make it less than 5 hectare to avoid the process of public consultation and preparation of EIA/EMP report.

The SEAC therefore resolved to ask the PP to submit actual cluster area certificate, giving details of all the LOIs falling in the cluster in terms of notification dated 15.01.2016 and 01.07.2016 and not on the basis of 500 meter composite map, within a period of 45 days.

**Agenda no. 23 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15871)/ 2019-20**

**Project Name:** - EC for Bajri Mining project (Minor Mineral) M.L. No. 15/2019, Khasra no. 127, Area-1.68865 Ha. production capacity of mine:17100 TPA(ROM)(Saleable Mineral 16245 TPA & Waste 855 TPA) Near village -Rohisa,Tehsil- Riyan badi,Distric-Nagaur(Raj.)(Proposal no. 32479)

**Project Proponent:** - Sh. Suresh chand & Sh. Mohanram R/o Rohisa,Tehsil- Riyan badi,Distric-Nagaur(Raj.) Email: sureshceb2@rediffmail.com

**Consultant:-**Vardan environet add: D-142 sushant lok-III sector-57 Gurgaon -122003 (Haryana) email:- info@vardanenvironet.com

**Observations and Resolution of the committee:-**

The SEAC examined the proposal submitted by the PP. The map submitted by PP shows cluster area for LOI ML. No. 15/2019 mineral-bajri near Village- kiro ki dhani, Tehsil- Riyan badi, District- Nagaur (Raj.) only. The map does not show other LOIs in the cluster area. Besides, the map submitted by the PP is not a map of cluster area in terms of the notifications dated 15.01.2016 and 01.07.2016.

During appraisal of the project the SEAC considered the complaint dated nill received from the villagers of village Riyan badi District Nagaur. It is alleged in the complaint that the certificates of cluster area issued by AME, Gotan are incorrect and false certificates have been issued to circumvent the provisions of the EIA notification. The intention to do so, it is alleged, is to reduce the size of cluster and to make it less than 5 hectare to avoid the process of public consultation and preparation of EIA/EMP report.

The SEAC therefore resolved to ask the PP to submit actual cluster area certificate, giving details of all the LOIs falling in the cluster in terms of notification dated 15.01.2016 and 01.07.2016 and not on the basis of 500 meter composite map, within a period of 45 days.

**Agenda no. 24 File no.F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a)B2 (15870)/ 2019-20**

**Project Name:** - EC for Bajri Mining project (Minor Mineral) M.L. No. 14/2019, Khasra no. 70, Area-1.16555 Ha. production capacity of mine:87480 TPA(ROM) Near Village Aalniyawas, Tehsil- Riyan badi, Distric-Nagaur(Raj.) (Proposal no. 32524).

**Project Proponent:-** Sh. Laxman Ram & Sh. Baldev R/o Bhagwanpura, Tehsil- Riyan badi, Distric-Nagaur (Raj.) Email: laxmanecb2@gmail.com

**Consultant:-** Vardan environet add: D-142 sushant lok-III sector-57 Gurgaon -122003  
(Haryana) email:- info@vardanenvironet.com

**Observations and Resolution of the committee:-**

The SEAC examined the proposal submitted by the PP. The map submitted by PP shows cluster area for LOI ML. No. 14/2019 mineral-bajri near Village- Aalniyawas, Tehsil- Riyan badi, District- Nagaur (Raj.) only. The map does not show other LOIs in the cluster area. Besides, the map submitted by the PP is not a map of cluster area in terms of the notifications dated 15.01.2016 and 01.07.2016.

During appraisal of the project the SEAC considered the complaint dated nill received from the villagers of village Riyan badi District Nagaur. It is alleged in the complaint that the certificates of cluster area issued by AME, Gotan are incorrect and false certificates have been issued to circumvent the provisions of the EIA notification. The intention to do so, it is alleged, is to reduce the size of cluster and to make it less than 5 hectare to avoid the process of public consultation and preparation of EIA/EMP report.

The SEAC therefore resolved to ask the PP to submit actual cluster area certificate, giving details of all the LOIs falling in the cluster in terms of notification dated 15.01.2016 and 01.07.2016 and not on the basis of 500 meter composite map, within a period of 45 days.

Besides the above agenda items, the SEAC also considered the following Additional Agenda:

S.No.	File No. (SEAC/ SEIAA)	Project Name	Project Proponent
1.	15829	EC for Janiyana Bajri Applied, Ref. No. 2019100004579, Area 4.0hect and Khasra no. 420/255, 428/255 (Pvt. Land), Near Village:- Janiyana, Tehsil:- Panchpadara, District:- Barmer.	<b>Project Proponent:</b> - Sh. Ram Prakash Meena.
2.	338	EC for project for Proposed Storage Capacity expansion at Indian Oil Corporation Ltd. (MD) Chittorgarh Terminal, at N.H.79 Jalampur Nimbahera Road, Chittorgarh (Rajasthan)	<b>Project Proponent:</b> Sh. Rajesh Kumar, Chief Engineering Manager, Indian Oil Corporation, Rajasthan State Office, Indian Oil Bhawan, Ashok Chowk, Adarsh Nagar, Jaipur – 302 004 Tel:- 0141-2579149 E mail: <a href="mailto:rajeshkumar1@indianoil.in">rajeshkumar1@indianoil.in</a>
3.	15238	Environmental Clearance for "Proposed Capacity expansion of Indian Oil Corporation Ltd. (IOCL) at Village - Salawas, Tehsil- Luni, District- Jodhpur by M/s Indian Oil Corporation Limited.	<b>Project Proponent:</b> Indian Oil Corporation Ltd., Dy. General Manager- Shri Akhilesh Gupta, Add.- Indian Oil Corporation Limited (MD), Storage Expansion at Salawas, Jodhpur, Rajasthan, Email:- <a href="mailto:akhileshgupta@indianoil.in">akhileshgupta@indianoil.in</a> ,
4.	15354	<b>Project Name :-</b> Submission of final EIA report for Environmental Clearance of proposed storage Capacity Expansion of LPG Bottling plant of IOCL from 2000 MT To 4400MT at Plot No. 2649&2655 Tabiji, Bewar Bypass Road NH-8 Ajmer, Rajasthan.	<b>Proponent Name:-</b> Proponent Name: - M/s. Indian Oil Corporation Limited, Ajmer E-Mail:- <a href="mailto:ioclajmerbp1372@gmail.com">ioclajmerbp1372@gmail.com</a> .
5.	15677	<b>Project Name :-</b> ToR for "Capacity Expansion by installation of Additional Storage tanks of Ethanol 450 KL (1X180, 2X100, 1X70) U/G & MS (1X3500 KL) A/G Village:- Salawas, Tehsil-Luni, District-Jodhpur, Rajasthan,Khasra No-681,687/2.( <b>Proposal No-30544</b> )	<b>Proponent Name:-</b> M/S Hindusthan Petroleum corporation Limited, Add- Village:- Salawas, Tehsil-Luni, District-Jodhpur, Rajasthan,Email.- <a href="mailto:salawashpcl@gmail.com">salawashpcl@gmail.com</a>



**Additional Agenda no.1 File no.F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.1(a)B2(15829)/2019-20**

**Project Name:** - Janiyana Bajri Applied, Ref. No. 2019100004579, Area 4.0hect and Khasra no. 420/255, 428/255 (Pvt. Land), Near Village:- Janiyana, Tehsil:- Panchpadara, District:- Barmer.

**Project Proponent:** - Sh. Ram Prakash Meena.

**Consultant Name:** - M/s N.S. Enviro-Tech Laboratories & Consultants.

***Information as per Form-1and other documents submitted by Project Proponent.***

1.	Category / Item no.(in Schedule):	1 (A) category B-2
2.	Location of Project	Janiyana Bajri Applied, Ref. No. 2019100004579, area 4.0hect (Pvt. Land), Near Village: - Janiyana, Tehsil: - Panchpadara, District:- Barmer.
3.	Project Details M.L. No. / Production capacity	Khasra No. 420/255, 428/255, Area- 4.0hect., Production- Bajri 101250 TPA (ROM)
4.	Project Cost:	Rs. 50 Lac
5.	Water Requirement & Source	2.50 KLD, source- water tankers and PHED supply nearby lease area.
6.	Fuel & Energy:-	0.5 KLD (HSD)
7.	Application No. & Date & documents submitted :-	Application no. SIA/RJ/MIL/34756/2019, hard copy submitted to SEIAA, Raj. on 18 <sup>th</sup> April, 2019.
8.	Information about Aravalli Certificate.	Mining lease area does not falls in Aravalli hills. Certificate issued on 12/04/2019 vide letter no. Kha/Bad/Ara/2019/11
9.	Date of Air/Water/Noise Monitoring	Dt. 15 <sup>th</sup> April, 2019
10.	Information about 500 mts composite map	The total area in 500 mtr. radius is 4.0 hac. A certificate issued by ME, Barmer on 18.04.2019.
11.	Environment Management Plan	EMP Cost Rs. 0.90 Lac (Pollution control- 25000/-, Pollution monitoring – 20000/-, green belt- 20000/-, occupation health-10000/-, miscellaneous- 15000/- )

12.	CSR /ESR Activates	ESR cost- Rs. 0.80 lacs (wash rooms for girls- 10000/-, village infrastructure as per local requirement- 20000/-, medical facilities for villagers- 20000/-, women empowerment through training programme- 20000/-, miscellaneous- 10000/- )
13.	Green Belt/ Plantation	Rs. 0.20 lac
14.	Budgetary Breakup for Labour	Labour welfare cost Rs. 0.40 lacs. (Drinking water by tanker- 5000/-, first aid box - 5000/-, rest shelters- 5000/-, washroom facilities- 10000/-, safety shoes, hand gloves, dust mask, earplugs , helmate - 10000/- & insurance- 5000 etc.)
15.	Present Status :-	New applied area.

### **Brief Details of the Project-**

1. The SEAC considered/examined the project proposal submitted by the PP and also the presentation made by him during the meeting 4.10<sup>th</sup> meeting held on 22 April, 2019. The committee observed that the PP in Form 1 has stated “Yes” against the information regarding areas which are important for sensitive ecological reasons- wet lands, water courses and other water bodies, whereas the PP in Form 2 has stated “No” against the information relating to presence of water bodies in buffer area. The GT sheets, furnished by the PP show different locations, of the same mining lease. In one GT sheet mining lease falls in the river course whereas in another GT sheet the same mining lease has been shown to be along the river course. The information provided by the PP regarding location of the mining lease vis-à-vis the river course is contradictory with each other. Moreover, the certificate of the Water Resource Department says that mining lease area is not a part of any river or stream stretch. There are material contradictions in the documents submitted by the PP regarding locations of mining lease with respect to river. The contradictions, therefore, need explanation.
2. The SEAC resolved to ask the PP to explain above the contradictions and furnish correct position in this regard within 45 days from the receipt of the letter.
3. Accordingly a letter no. 9122 dated 1.5.19 was issued to the PP.
4. The PP has submitted reply on 1.05.19.

### **Observation of the committee:**

The PP in reply to SEAC letter dated 01.05.2019 has stated that there was a typographical error in Form 2. The Luni river is a distance of 500 meters in south-east direction. The PP in his reply has also stated that earlier it had submitted key plan of 10 Km radius as per old GT sheet and in pursuance of the above query letter, the PP has submitted key plan of 10 Km radius as new WGS- 84 certified GT sheet and as per this sheet the site is not a part of river. The PP in support of his reply has also submitted an affidavit dated 01.05.2019. The SEAC also looked into the certificate dated 18.04.2019

issued by the Department of Water Resources. The certificate of the Department of Water Resources says that applied mining lease area, the details of which are mentioned above, is not part of any river or stream stretch. The SEAC also noted the observations made by the Hon'ble Rajasthan High Court in its order dated 27.11.2018, in the matter of D.B. Civil Writ Petition no. 9458/2018 Sanjay Kumar Garg V/s State of Rajasthan & oth. that replenishment of bajri can only take place in the river beds and not in the private khatedari lands or government lands which are far away from the river beds.

### **Resolution:**

Keeping in view the information contained in the documents submitted by the PP and presentation made by him before the SEAC and after detailed deliberations, the members resolved to recommend to SEIAA for the grant of EC to **Project Name:** - Janiyana Bajri Applied , Ref. No. 2019100004579, area 4.0hect (Pvt. Land), Near Village:- Janiyana, Tehsil:- Panchpadara, District:- Barmer. **Project Proponent:** - Sh. Ram Prakash Meena. **Consultant Name:** - M/s N.S. Enviro-Tech Laboratories & Consultants with the specific and general conditions annexed at Annexure 'A'.

### **Additional Agenda NO. 02F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 6(b) B1 (338)/ 18-19**

**Project name:** EC for project for Proposed Storage Capacity expansion at Indian Oil Corporation Ltd. (MD) Chittorgarh Terminal, at N.H.79 Jalampur Nimbahera Road, Chittorgarh (Rajasthan)

**Project Proponent:** Sh. Rajesh Kumar, Chief Engineering Manager, Indian Oil Corporation, Rajasthan State Office, Indian Oil Bhawan, Ashok Chowk, Adarsh Nagar, Jaipur – 302 004 Tel:- 0141-2579149 E mail: [rajeshkumar1@indianoil.in](mailto:rajeshkumar1@indianoil.in)

**Consultant Name:** M/s Anacon Laboratories, Nagpur. [E-Mail-info@anacon.in](mailto:E-Mail-info@anacon.in).

### **Brief details of the project:**

- 1) EC to the project was issued vide SEIAA letter dated 23.8.2012 as per the recommendation of SEAC in its 45<sup>th</sup> meeting held on 30-31, July 2012.
- 2) Amendment in the EC was issued by SEIAA vide letter dated 22.12.2017 as per the recommendation of SEAC in its 169<sup>th</sup> meeting held on 8<sup>th</sup> – 9<sup>th</sup> November, 2017 and correction vide letter dated 29.10.2018.
- 3) The PP vide its letter dated 23.10.2018 has requested for change of use of tankage 1x7937 KL existing SKO tanks to HSD and 1x2310 KL HSD tanks to SKO within the existing premises.
- 4) The matter was considered in the 4.4<sup>th</sup> meeting of SEAC held on 28<sup>th</sup> – 30<sup>th</sup> Nov. 2018 at Additional agenda No. 58.05.
- 5) The committee resolved to call the PP with Increase in pollution load study and amended disaster management plant related issues thereto and appear for presentation in next meeting along with duly filled Form no. 2 along with related enclosures. The Final Minutes of 4.12<sup>th</sup> meeting of SEAC held on 15<sup>th</sup> and 16<sup>th</sup> May, 2019

PP shall also submit the point-wise compliance report of the EC conditions, duly authenticated by the competent authority. The PP shall also submit an affidavit on 100 Rs stamp paper, duly attested by Notary, stating that there has not been any violation of the EC Conditions and the provisions of the EIA Notifications as amended from time to time.

- 6) The committee resolved that the letter to this effect may be issued without waiting for the minutes.
- 7) Accordingly a letter dated 6.12.2018 was written to the unit and the unit's reply is put up before the committee. The PP's representative also attended the meeting.
- 8) Keeping in view the information contained in the documents submitted, the presentation made by the P.P. before the SEAC, Rajasthan in its 4.5th meeting held on 26-27th Dec.2018, at Additional Agenda No. 27.23: after detailed deliberations and clarifications, the members were satisfied with the proposals, documents and reply of the queries and resolved to ask the PP to submit Quantitative Risk Analyses Report (QRA) for further action in the matter.
- 9) The PP submitted the QRA report vide its letter dated 15-01-2019 & 18-03-2019 .

- 10) The matter was considered in the 4.7th meeting of SEAC held on 28th – 31st January, 2019 at Additional Agenda No. 71.08. **The observation of the committee was as follows:**

The QRA report submitted/circulated by the PP was considered by the SEAC. It was observed that in a similar case of the PP i. e. for Salawas Terminal the report (prepared by another consultant) did not cover many aspects taken in this report. However, the PP was asked to submit a revised report along with an affidavit regarding non violation of the EIA Notification 2006 (as amendment to date) and covering all the recommendations of MB Lal Committee and resubmit it. The PP who was present during the meeting was informed about these observations and the PP agreed to submit the same without further delay.

11. The matter was reconsidered in 4.8<sup>th</sup> meeting of SEAC dated **25<sup>th</sup> & 26<sup>th</sup> February, 2019.**
12. The PP circulated the revised QRA report to all the members and was present during the 4.8<sup>th</sup> meeting of SEAC. The Members agreed that the report has been received but were of the view that there are still several lapses in the report and the same were informed to the PP. The members noted that inspite of so many reminders and clear advise to the PP, in the past, the PP has still not submitted the desired information in the QRA report and the affidavit regarding non violation of the Notification dated 14.3.2017 and 8.3.2018. The Committee therefore asked the representative Sh. Rajesh Gohil as to who is the overall in charge of the bulk depots of the State, and he should give the affidavit about non violation at the Chittorgarh Station as well as for the Salawas Station (File No. 15238). Sh. Gohil said that the overall in charge of all the depots is Sh. Raj Singh Malik, Chief General Manager, IOCL, Adarsh Nagar, Jaipur. The Committee resolved that the affidavit for non-violation should be given by Sh. Raj Singh Malik, CGM in prescribed format. The PP was informed to submit the fresh affidavit without waiting for a communication in this regard for quick disposal of the matter without further delay.

On receipt of the same, the matter would be recommend by SEAC to SEIAA for grant of amendment in EC with a condition that the RSPCB shall ensure from the records at the time of grant of CTE/CTO that no violation has been carried out by the PP as per

MoEF Notification dated 14.3.2017 and 8.3.2018 prior to grant of the amendment in EC.

13. The PP has submitted affidavit vide its letter dated 26.04.19.
14. Further the PP vide its letter dated 09.04.19 has also requested for amendment for re-allocation of one 4200 KL existing MS tank to ethanol and one 2200 KL existing HSD tank to Biodiesel.
15. The PP in his application dated 19-07-2017 for obtaining EC for augmentation of existing capacity for POL terminal also sought re-allocation 1 X 4200 KL existing MS tanks to Ethanol and 1 X 2200 KL existing HSD tank, to Biodiesel at IOCL, Jalampura, Nimbahera Road, Chittorgarh. However, in the EC issued vide letter dated 22-12-2017, the same was not included.

### **Observation of the Committee:**

The SEAC considered the project and perused the letter dated 09-04-2019 and 22-04-2019 as also the affidavit dated 18-04-2019 stating that there has been no violation in terms of the notification dated 08-03-2018 of the MoEF and CC and that all the recommendations of MB Lal Committee have been complied with. The PP has also submitted an affidavit dated 21.05.2019 stating that he has not affected any reallocation of 1 X 4200 KL existing MS tanks to Ethanol and existing 1 X 2200 KL HSD tank, to Biodiesel and that such reallocation shall not result in increase in pollution load.

### **Resolution:**

Keeping in view the information contained in the documents submitted and presentation made by the P.P. before the SEAC, Rajasthan in its 4.5th meeting held on 26-27th December 2018 and after detailed deliberations & clarifications, the members were satisfied with the proposals, documents and reply of the queries and resolved to recommend to SEIAA for amendment in the existing E.C dated 22.12.2017 for change of use of existing tankage of 1x7937 KL capacity of SKO to HSD and existing 1x2310 KL capacity HSD tank to SKO within the existing premises at IOCL, Jalampura, Nimbahera Road, Chittorgarh as per following details. The SEAC also resolved to recommend to SEIAA to incorporate in the proposed amendment regarding reallocation of 1 X 4200 KL existing MS tanks to Ethanol and existing 1 X 2200 KL HSD tank, to Biodiesel as the same could not be included in the EC issued vide letter dated 22-12-2017 with the stipulation that the PP shall comply with the conditions imposed in existing EC dated 22.12.2017.

### **Amendment in Existing EC issued on 22.12.2017 and amended on 29.10.2018**

In the existing EC dated 22.12.2017 under brief details of the project the following table is inserted at point no. 4 related to salient features regarding products and process in brief including plant capacity.

#### **Details of proposed POL storage capacity of the terminal after amendment**

S.No.	Petroleum Product	Proposed Capacity	No. o f Tanks	Total Capacity
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Final Minutes of 4.12<sup>th</sup> meeting of SEAC held on 15<sup>th</sup> and 16<sup>th</sup> May, 2019

1.	MS	11,000	1	11,000
2.	HSD	18,000	1	18,000
3.	Bio- Diesel	70	2	140
4.	<b>Proposed Capacity</b>			<b>29,140 KL</b>
5.	<b>Reallocation of 1X4200 KL existing MS tank to ethanol and 1X2200 KL existing HSD tank to bio-diesel.</b>			
6.	<b>Conversion of 1X7937 KL existing SKO tank to HSD service and 1X2310 KL existing HSD tank to SKO service</b>			
7.	<b>Existing Capacity</b>			<b>56,062 KL</b>
8.	<b>Total Capacity after expansion</b>			<b>85,202 KL</b>

**Additional Agenda No. 03F1 (4)/SEIAA/SEAC-Raj/Sectt/Project /Cat. 6(b) B1 (15238)/ 18-19)**

**Project Name:** Environmental Clearance for "Proposed Capacity expansion of Indian Oil Corporation Ltd. (IOCL) at Village - Salawas, Tehsil- Luni, District- Jodhpur by M/s Indian Oil Corporation Limited.

**Project Proponent:** Indian Oil Corporation Ltd., Dy. General Manager-Shri Akhilesh Gupta, Add.- Indian Oil Corporation Limited (MD), Storage Expansion at Salawas, Jodhpur, Rajasthan, Email:- akhileshgupta@indianoil.in,

**Name Of Consultant:-** Anaconlabs , Add:- 60, Bajiprabhu Nagar, Nagpur-440033, Ms, Lab:FP-34, 35, Food Park, MIDC, Butibori, Nagpur- 441122 Email:- dottatraya.garway@anacon.in, [ngp@anacon.in](mailto:ngp@anacon.in)

**Brief Details of the Project:**

- 1) EC was issued by SEIAA vide letter dated 22.12.2017 as per the recommendation of SEAC in its 169th meeting held on 8th – 9th November, 2017
- 2) The correction in the EC was issued by SEIAA vide letter dated 29.10.2018.
- 3) The PP has requested vide letter dated 23.10.2018 for converting existing SKO tankage of 2x4010 KL for storage of BS IV HSD and existing DHPP tankage of 2x4020 KL for storage of ATF.
- 4) Matter was considered in the 4.4th meeting of SEAC.
- 5) The committee resolved to call the PP with Increase in pollution load study and amended disaster management plant related issues thereto and appear for presentation in next meeting along with duly filled Form no. 2 along with related enclosures. The PP shall also submit the Point wise compliance report of the EC conditions duly authenticated by the competent authority. The PP shall also submit an affidavit on 100 Rs stamp paper, duly attested by Notary, stating that there has not been any violation of the EC Conditions and the provisions of the EIA Notifications as amended from time to time.
- 6) Accordingly a letter dated 6.12.2018 was issued to the PP.
- 7) Keeping in view the information contained in the documents submitted, the presentation made by the P.P. before the SEAC, Rajasthan in its 4.5th meeting held

on 26-27th Dec.2018, at Additional Agenda No. 27.24 after detailed deliberations and clarifications, the members were satisfied with the proposals, documents and reply of the queries and resolved to ask the PP to submit Quantitative Risk Analyses Report (QRA) for further action in the matter.

- 8) The QRA report submitted/circulated by the PP was considered by the SEAC in its 4.7<sup>th</sup> meeting held on 28<sup>th</sup> – 31<sup>st</sup> Jan. 2019 at Additional Agenda No. 71.09.
- 9) It was observed that in a similar case of the PP i. e. for Chittorgarh Terminal the report (prepared by another consultant) was more comprehensive than this report. As such, the PP was asked to submit an inclusive and comprehensive revised report along with an affidavit regarding non violation of the EIA Notification 2006 (as amendment to date) and covering all the recommendations of MB Lal Committee and resubmit it. The PP who was present during the meeting was informed about these observations and the PP agreed to submit the same without further delay. The PP also submitted a letter dated 31.1.2019 during meeting regarding this.
- 10) The matter was reconsidered in 4.8<sup>th</sup> meeting of SEAC dated **25<sup>th</sup> & 26<sup>th</sup> February, 2019.**
- 11) The PP circulated the revised QRA report to all the members and was present during the 4.8<sup>th</sup> meeting of SEAC. The Members accepted having received the report but were of the view that there were still lapses in the report that were informed to the PP. The members were of the view that in spite of so many reminders and clear advise to the PP in the past, the PP has still not submitted the desired information in the QRA report and the affidavit regarding non violation of the Notification dated 14.3.2017 and 8.3.2018. The Committee therefore asked the representative Sh. Rajesh Gohil about the overall in charge of the bulk depots of the State who should give the affidavit about non violation at the Chittorgarh Station as well as for the Chittorgarh Station (File No. 338). Sh. Gohil said that the overall in charge is Sh. Raj Singh Malik, Chief General Manager, IOCL, Adarsh Nagar, Jaipur. The Committee resolved that the affidavit for non-violation should be given by Sh. Raj Singh Malik, CGM in prescribed format.
12. The PP was informed to submit the fresh affidavit without waiting for a communication in this regard for quick disposal of the matter without further delay. On receipt of such affidavit, the matter would be recommend by the SEAC to SEIAA for grant of amendment in EC with a condition that the RSCB shall ensure from the records at the time of grant of CTE/CTO that no violation has been carried out by the PP as per MoEF Notification dated 14.3.2017 and 8.3.2018 prior to grant of the amendment in EC.
13. The PP has submitted affidavit vide its letter dated 09.04.19 and 26.04.19.

### **Observation of the Committee:**

The SEAC considered the project and perused the affidavit dated 19-04-2019 stating that there has been no violation in terms of the notification dated 08-03-2018 of the MoEF and CC and that all the recommendations of MB Lal Committee have been complied with.

### **Resolution:**



Keeping in view the information contained in the documents submitted and presentation made by the P.P. before the SEAC, Rajasthan in its 4.5th meeting held on 26-27th Dec.2018 and after detailed deliberations & clarifications, the members were satisfied with the proposals, documents and reply of the queries and resolved to recommend to SEIAA for amendment in the existing E.C dated 22.12.2017 due to change of existing tankage of 2x4010 KL capacity of SKO to HSD and existing 2x4020 KL capacity DHPP tanks to ATF within the existing premises of IOCL at Village Salawas, Tehsil- Luni, District- Jodhpur as per following details with the stipulation that the PP shall comply with the conditions imposed in existing EC dated 22.12.2017.

**Amendment in Existing EC issued on 22.12.2017 and amended on 29.10.2018**

In the existing EC dated 22.12.2017 under brief details of the project the following table is inserted at point no. 4 related to salient features regarding products and process in brief including plant capacity.

**Details of proposed POL storage capacity of the terminal after amendment**

S.No.	Tank No.	Product and Class	Dimensions	Proposed Capacity (KL)
1.	310- A	HSD-B	36MØ X 20M HT	20000
2.	311- A	ATF	36MØ X 20M HT	6000
3.	311-B	ATF	36MØ X 20M HT	6000
4.	312- A	Biodiesel- B	4.12 MØ X 15 M HT	200
5.	312- B	Biodiesel- B	4.12 MØ X 15 M HT	<b>200</b>
6.	Reallocation of existing 2X2000 KL ATE to Ethanol tank.			
7.	<b>Conversion of 2X4210 KL existing SKO tanks to HSD service and 2X4020 KL existing DHPP tanks to ATF service.</b>			
8.	Total Proposed Capacity		32,400 KL	
9.	Existing Capacity		83,785 KL	
10.	Total Capacity after expansion		1,16,185 KL	

**Agenda no. 04- F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 6(b) B1 (15354)/ 2018-19**

**Project Name :-** Submission of final EIA report for Environmental Clearance of proposed storage Capacity Expansion of LPG Bottling plant of IOCL from 2000 MT To 4400MT at Plot No. 2649&2655 Tabiji, Bewar Bypass Road NH-8 Ajmer, Rajasthan.

**Proponent Name:-**Proponent Name: - M/s. Indian Oil Corporation Limited, Ajmer E-Mail:- ioclajmerbp1372@gmail.com.

**Name of the consultant:** - Enviro infra Solutions Pvt. Ltd. Add: - 301, 302 & 305, SRBC, Sec.-9 Vasundhara, GZB E-Mail:- [eis@enviroinfrasolutions.com](mailto:eis@enviroinfrasolutions.com)

***Information as per Form-I and other documents submitted by Project Proponent.***

1.	Category/Item No. (in Schedule):	6(b) -B1			
2.	Location of Project	Plot No. 2649&2655 Village Tabiji, Ajmer, Rajasthan			
3.	Project Details Land use Break up	S.No.	Particulars	Area (Sq.m.)	Percentage (%)
		1.	Plant Area	35000.00	28.83
		2.	Roads/Corridors	8900.00	7.33
		3.	Plantation	40185.38	33.1
		4.	Open Area	37320.62	30.64
		Total		121406.00	100
		Details available in page no2-3 & Annexure -12 (also mention page no. where above details available in submitted document )			
4.	Details of construction taken place at site(if any)	No applicable as no construction activity has been done till date.			
5.	Salient features regarding products and process in brief including Plant Capacity.	Construction of 2 X1200 MT Mounded LPG Storage vessels and allied facilities. Details given in Page 1-2.			
6.	Raw Materials requirement ( In case of more then one product Raw material for each product should be specified )	No Process involved only storage, hence not applicable.			
7.	Solid waste /haz.waste quantities and management	No Solid & hazardous waste generated in during operation except 200 liter per annum lube oil in existing unit which will be disposed through authorized recycler. (Page 2-10)			
8.	Use of substances or materials which are hazardous	LPG for bottling ,Page no 1-2			
9.	Project Cost	Rs 30.73 Crore.,Page no.2-11			
10.	Water Requirement & Source	The daily water requirement for the project will be 9KLD. (9KLD Fresh + 0 KLD recycled) Page No.2-8 &2-9.			
		Particulars	Demand	Quantity	

				4KLD(Daily average demand)		
		Industrial	One time water demand			
			Fresh water demand			
			Recycled water			
		Domestic	One time water	5KLD(daily average Demand)		
		Source of water:-.Water Tanker				
		Total waste water generation				
		Area	Waste water generated	Disposal		
		Industrial	3KLD	After treatment in ETP		
		Domestic	4KLD through septic tank.	After treatment		
Page 2-8 & 2-9						
11.	Fuel & Energy	800KVA , Page no.2-7.				
12.	Application No. & Date & documents submitted	Final application was submitted vide letter dated 11/04/2019.(covering letter in Report)				
13.	Environment Management Plan along with Budgetary breakup	EMP budget Rs 63 Lakh (Capital Cost) and Rs 11.00 Lakh Recurring cost per year , Page no 10-15				
		Sr. No.	Particulars	Capital Cost (Rs. Lakhs)	Recurring Cost Per Year (Rs. Lakhs)	
		1	Gardening & Horticulture	5.0*	1.0	
		2	Rainwater Harvesting	2.0*	1.0	
		3	Gas Monitoring system	35.0* + 12**	5 + 1.5**	
		4	Air & Water Monitoring	2.5*	1.0	
		5	Hazardous & Solid Waste management	1.5*	0.25	
		6	Environmental awareness & Safety Signages	1.0*	0.25	
		7.	Water Seal vapour traps	4.0*	1	
			Total	63	11	
14.	CSR Activates along with budgetary breakup	Rs38 Lakh ,Page 10-15				
		S.No.	Activities	Village	Cost in Lacs	
		1.	Provision of LED Solar Street Lighting under Indian Oil Surya PrakashYojana at Hatundi village, Ajmer, Rajasthan (first year )	Tabiji	18.00	
		2.	Providing paver blocks on open ground in village Tabiji (Second	Tabiji	10.00	

		year)		
		3.	Boundary wall construction in playground of govt. school (Second year)	Tabiji 10.00
		<b>Total</b>		<b>38.0</b>
15.	ETP	Not applicable as no process involved.		
16.	Green Belt/Plantation	40185.38 Sq meter (Page no.2-3)		
17.	Budgetary Breakup for Labour	Facilities for the labourers like shelters, Sanitation facilities, health facilities, safe drinking water during the construction phase shall be provided as per the standard Norms of IOCL provided in Appendix II to the General Conditions of Contract Model Rules For Labour Welfare. Work shall commence only after provision of above facilities.		

### **Background of the project-**

1. The project was considered for presentation in 4.5<sup>th</sup> meeting held on 26<sup>th</sup> – 28<sup>st</sup> Dec. 2018.
2. Keeping in view the presentation made by the PP and its Consultants and discussion held during the meeting, the SEAC resolved to seek following information from the PP giving 45 days of time for submission from the date of issue of query letter:
  - a. Submit revised Peacock conservation plan based upon the population.
  - b. Submit revised list of flora and fauna with correct names as the names are mixed up. A complete layout of the plant be submitted.
  - c. Submit revised EMP. Dust suppression system- 2 lacks per year?
  - d. Submit details of water tanks/ Oil & Grease tanks, existing as well as proposed (if any) and location on layout plan.
  - e. In the Risk assessment table, the PP and consultant were not agreeing with each other. The PP and the consultant should sit together and submit a revised report, and include all events of risks. Only 3 sections as risk contributions have been given.
  - f. Under summary and conclusion, it is stated that no waste water would be generated during the operation. The PP and the consultant should justify this statement.
  - g. Names of industries in the vicinity of the plant need to be corrected.
  - h. Proposed CER to be submitted as per need based requirement.
  - i. Budgetary provision for labor as stated in the meeting notice not submitted.
  - j. Point wise compliance of meeting notice to be submitted with details.
  - k. Affidavit submitted by consultant not as per prescribed language.
3. Accordingly a letter no. 8759 dated 6.3.19 was issued to the PP.
4. The PP has replied vide letter dated 10.04.19.

### **Observation of the Committee:**

The SEAC considered the project and perused the reply dated 10.04.2019 submitted in response to SEAC query letter dated 06.03.2019 and found it to be in order. The PP has proposed to enhance to the existing capacity of LPG storage from 2000 to 4400 MT by Final Minutes of 4.12<sup>th</sup> meeting of SEAC held on 15<sup>th</sup> and 16<sup>th</sup> May, 2019

constructing two new mounted storage vessels of 1200 MT capacity each within the existing plant premises. For the existing storage of 2000 MT LPG the PP already have 3X600 mounted bullets and 2X100 above ground auto LPG bullets.

### **Resolution:**

Keeping in view the information contained in the documents submitted and presentation made by the P.P. before the SEAC, Rajasthan in its 4.5th meeting held on 26-28<sup>th</sup> Dec.2018 and after detailed deliberations & clarifications, the members were satisfied with the proposals, documents and reply of the queries and resolved to recommend to SEIAA for grant of EC to existing IOCL LPG bottling plant for 4400 MT (existing capacity is 2000 MT and the proposed capacity under expansion is 2400 MT) capacity to **Project Name :-** LPG Bottling plant of IOCL at Plot No. 2649&2655 Tabiji, Bewar Bypass Road NH-8 Ajmer, Rajasthan. **Proponent Name:-** M/s. Indian Oil Corporation Limited, Ajmer E-Mail:- ioclajmerbp1372@gmail.com. **Name of the consultant:** - Enviro Infra Solutions Pvt. Ltd. Add: - 301, 302 & 305, SRBC, Sec.-9 Vasundhara, GZB E-Mail:- [eis@enviroinfrasolutions.com](mailto:eis@enviroinfrasolutions.com). Subject to following conditions:

### **SPECIFIC CONDITIONS**

1. This EC is valid for existing LPG bottling plant of 4400 MT (existing capacity is 2000 MT and the proposed capacity under expansion is 2400 MT) capacity in the premises at Plot No. 2649&2655 Tabiji, Bewar Bypass Road NH-8 Ajmer, Rajasthan.
2. As envisaged, the P.P. shall invest an amount of Rs. **65.00 lacs** per annum as capital cost for implementing various environmental protection measures & **Rs. 11.00 lacs** per year as recurring cost.
3. An amount of **Rs. 38 lacs** shall be spent under CSR/CER activities as detail above. The expenditure on these activities shall be reflected in the books of account when presented for auditing of accounts. The proposal should contain provision for toilets for girls in nearby schools. The proposal should contain provision for monthly medical camps, distribution of medicines and improvement in educational facilities in the nearby schools. The Detailed action plan of CSR activities shall be submitted by the PP to RSPCB at the time of applying for “Consent to Establish”.
4. The PP shall spend **Rs. 5 lacs** on peacock conservation activities as proposed in EIA report.
5. Necessary steps shall be taken to improve the living conditions of the labour at site. Facilities for the labourers like health facility, sanitation facility, fuel/LPG for cooking, along with safe drinking water, medical camps, and toilets for women, crèche for infants etc. shall be provided as per the standard norms of IOCL and general conditions of contract Model Rules for Labour Welfare. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. This E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent. Any appeal against this environmental clearance 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.

7. The project proponent shall obtain prior CTE / CTO from RSPCB before implementing the project. All the conditions stipulated by the RPCB in its CTE/CTO shall be effectively implemented.
8. The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended in 2000 and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from Chief Controller of Explosives must be obtained before commission of project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.
9. Regular Ambient Air Quality Monitoring shall be carried out for VOC and HC besides other parameters in ambient air around the Plant. The location and results of existing monitoring stations shall be reviewed in consultation with the Rajasthan State Pollution Control Board based on the occurrence of maximum ground level concentration and downwind direction of wind. Additional Stations shall be set up. If required, it shall be ensured that at least one monitoring station each is set up in up-wind & in down-wind direction along with those in other directions. HC detectors shall be installed at sensitive locations.
10. The proponent shall upload the status of compliance of the stipulated EC conditions, including monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF at Lucknow, and the Regional Office of RSPCB, Jaipur. The criteria pollutant namely, SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (Ambient levels as well as stack emissions) and VOC shall be monitored and displayed at the convenient location near the main gate of the Company in the public domain.
11. The company shall install automatic leak detection system with supported hooters or alarm system.
12. Occupational health surveillance of workers shall be done on a regular basis and records maintained as per the Factory Act.
13. Greenbelt shall be developed to mitigate the effect of fugitive emissions all around the plant in a minimum 33% plan area in consultation with DFO as per CPCB guidelines.
14. Regularly monitoring of VOC and HC in the Work Zone Area in the Plant shall be carried and data be submitted to Ministry's Regional Office at Lucknow, and Rajasthan State Pollution Control Board. Quarterly monitoring of fugitive emissions will be carried out as per the Guidelines of CPCB.
15. The Company shall obtain prior permission for drawl of ground water from the Central Ground Water Authority.
16. The company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.
17. The entire domestic waste water should be disposed through septic tank and soak pit.
18. Total water requirement shall not exceed 9KLD (4KLD for industrial use + 5 KLD domestic use). The necessary permission of water supply should be submitted to RSPCB at the time of applying for CTE. At the time of applying for CTE the PP should get it confirmed from RSPCB that no illegal bore well exists in the proposed site.
19. The waste water generated from fire hydrant system and leakage testing of cylinders (3 KLD shall be treated upto norms prescribed under EP Rules, 1986 and shall be used for plantation within the premises.
20. The Company shall provide stacks of adequate height to the D.G. Sets along with acoustic enclosures for noise control as per CPCB guidelines. The DG Sets shall comply with the norms notified under Environment (Protection) Act, 1986.

## **GENERAL CONDITIONS**

1. The project authorities must strictly adhere to the stipulations made by the Rajasthan State Pollution Control Board (RSPCB), the State Government and any other statutory body.
2. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, Rajasthan / Ministry of Environment and Forests.
3. The overall noise levels in and around the plant area shall be limited within the prescribed standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz 75 DBA (day time) and 70 DBA (night time).
4. The project authorities shall provide adequate funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA, Rajasthan as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purposes.
5. The stipulated conditions shall be monitored by the Regional Office of the MoEF, Lucknow / Central Pollution Control Board / Rajasthan State Pollution Control Board. A six monthly compliance report and the monitored data should be submitted to them regularly. It will also be displayed on the Website of the Company.
6. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both on hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the RSPCB.
7. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations if any, were received while processing the proposal. The clearance letter shall also be put up on the website of the company by the proponent.
8. The Project Proponent should inform the public that the project has been accorded environmental clearance by the SEIAA, Rajasthan and copies of the clearance letter are available in the website of the Rajasthan State Pollution Control Board at <http://www.rpcb.nic.in>. This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the SEIAA, Rajasthan, Regional office of the MoEF, Lucknow and RPCB.
9. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Rajasthan State. Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently shall also be put on the website of the Company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of the MoEF, Lucknow by e-mail.
10. The date of Financial Closure and final approval of the project by the concerned authorities and the date of commencing the land development work as well as the commissioning of the project, shall be informed to the SEIAA, Rajasthan, Regional Office of MoEF, Lucknow, and RSPCB.
11. Proper Housekeeping and adequate occupational health programme shall be taken up. Regular Occupational Health Surveillance Programme for the relevant diseases shall be carried out and the records shall be maintained properly for at least 10 years. Sufficient



- preventive measures shall be adopted to avoid direct exposure to emission and other Hydrocarbons etc.
12. A separate environment management cell with full fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a Senior Executive.
  13. The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  14. The SEIAA/SEAC, Rajasthan reserves the right to add additional safeguard measure subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act-1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
  15. The SEIAA, Rajasthan reserves the right to stipulate additional conditions if found necessary. The company shall implement these conditions in a time bound manner.
  16. The above conditions will 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, the Public Liability Insurance Act, 1991, Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008 and Manufacture, Storage and import of Hazardous Chemicals Rules, 1989/2000 along with their amendments and rules.
  17. Construction activity in areas that requires Wild Life Clearance (if any) should be taken up only after obtaining Wild Life Clearance from NBWL.
  18. The E.C. is subjected to the specific condition that the PP shall obtain prior clearance from forestry and Wild Life angle including clearance from standing committee of National Board of Wild Life, as applicable. It is further categorically stated that grant of EC does not necessary implies that Forestry and Wild Life clearance shall be granted to the project and that proposals for forestry and wild Life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any based on EC so granted, in anticipation of clearance from Forestry and Wild Life angle shall be entirely at the cost risk of the PP and MOEF/SEIAA shall not be responsible in this regard in any manner.

#### **Add Agenda 05 F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 6(b) B1 (15677)/ 2018-19**

**Project Name :-** ToR for "Capacity Expansion by installation of Additional Storage tanks of Ethanol 450 KL (1X180, 2X100, 1X70) U/G & MS (1X3500 KL) A/G Village:- Salawas, Tehsil-Luni, District-Jodhpur, Rajasthan, Khasra No-681,687/2. **(Proposal No-30544)**

**Proponent Name:-** M/S Hindusthan Petroleum corporation Limited, Add- Village:- Salawas, Tehsil-Luni, District-Jodhpur, Rajasthan, Email.-salawashpcl@gmail.com

**Name of the consultant: -** Vardan Environet Add:- 142, sec.57, Gurgaon (Haryana) E-Mail:- vardanenviro165@gmail.com

#### **Brief details of the Project:-**

1. The project was called for presentation in 4.8<sup>th</sup> meeting of SEAC 25th&26th February, 2019 and the PP made their presentation before the SEAC.
2. However, due to mistake a warning letter regarding the absence of PP came to be issued on 23.04.19 to the PP.
3. The PP vide its letter dated 29.04.19 has submitted that they were present during presentation with their consultant and had also signed the attendance sheet of the proceedings of SEAC. The PP has thus requested to grant ToR, as full presentation had already been made by then on 26.02.2019 along with all the clarification sought.

### **Observation of the Committee:**

The SEAC considered the project and perused the record of the case. The PP has submitted an application along with Form 1, PFR & other documents for approval/issuance of ToR for capacity expansion by installation of additional storage tanks of Ethanol 450 KL (1X180, 2X100, 1X70) U/G and M/S(1X3500KL) A/G at Village- Salawas, Tehsil- Luni, District- Jodhpur in the existing premises. The PP, vide letter dated 20.06.2005 had earlier obtained EC from MoEF & CC for laying down multi product pipe line from Mundra to Delhi passing through five districts namely Sirohi, Pali, Ajmer, Jaipur and Alwar of the State of Rajasthan under the provision of EIA notification dated 27.01.1994. Subsequently the PP vide letter dated 14.11.2013 also obtained EC for amendment, from the MoEF & CC for laying down multi product petroleum underground pipeline (10", 93 Km) from Awa to Salawas depot as a spur line of Mundra Delhi pipeline along with Storage Capacity Realignment at the existing Salawas depot near Jodhpur. As per the documents submitted by PP existing storage capacity is 25995 KL (MS BS IV-7435 KL, ETHANOL 90 KL, SLOP 1320KL, HSD BS IV 13575 KL, SKO 3575 KL). Now PP intends to increase the capacity from 25995 KL to 29945 KL by installing additional storage tanks of Ethanol 450 KL (1X180, 2X100, 1X70) U/G and M/S(1X3500KL). The MoEF&CC while issuing amended EC, vide letter dated 14.11.2013, noted that the existing storage capacity (27000 KL) is within the threshold limit specified in scheduled 2 of the MSICH Rules 1989.

### **Resolution:**

The SEAC examined and considered the project proposal submitted by the PP and also the presentation made by him during the 4.8<sup>th</sup> meeting of SEAC held on 25th&26th February, 2019. Keeping in view the presentation made by the PP and examination of documents submitted by him the SEAC prescribed the following ToR with public hearing for carrying out detailed EIA and preparing comprehensive EIA/EMP report as per the provisions of the EIA notification 2006.

ToR with public hearing for EIA studies in respect of the proposed industry may include, but not limited to the following:

1. **The PP should clarify categorically if any violation has accrued as per the provision in the EIA notification 2006, amendments therein, notification dated 14.03.2017, 18.03.2018, Circulars, OM, Guidelines, etc. The PP needs to submit an affidavit in this regards.**
2. The validity period of this ToRs letter would be for a period of three years from the date of dispatch of the ToRs letter.
3. Collection of one season (non-monsoon) primary baseline data on ambient air quality, water quality, noise level, soil and flora and fauna. Ambient Air quality should be determined by measuring the concentration of parameters like P.M.<sub>2.5</sub>, P.M.<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> according to the latest standards prescribed by CPCB. Site-specific meteorological data should also be collected. The location of the monitoring stations (minimum 6) should be justified. Date wise collected baseline AAQ data should form part of EIA and EMP report. The monitoring shall be carried out by CPCB/NABL/ MOEF/GoR approved laboratory and copy of the analysis report should be submitted.
4. The study area shall comprises 10 km zone around the project area.
5. Plant layout shall be super imposed at center of topo sheet of 10 km radius indicating vital physical features.
6. Land use of the study area as well as the project area shall be given in EIA/EMP report.
7. The land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, wildlife corridor, water bodies, human settlements and other ecological features shall be given in EIA/EMP report.
8. Location of National Parks, Sanctuaries, Biosphere Reserves (existing as well as proposed), if any, within 10 km. of the project area shall be clearly indicated if there is no ecologically sensitive area with in the study area, the same shall authenticated from the State Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy shall be furnished.
9. Location of other industries & mines within the study area along with their production and pollutants generated by them. The same shall be accounted for while generating mathematical models of pollution dispersion and proposing the EMP.
10. A detailed biological study for the project [core zone and buffer zone (10 km. radius of the periphery of the project area)] shall be made. Details of flora and fauna, separately for core and buffer zone, shall be furnished based on field survey clearly indicating the schedule of the fauna present. If there is scheduled-I fauna found in the study area, then necessary plan for their conservation shall be prepared in consultation with State Forest and Wildlife Department and details be furnished. Necessary allocation of funds for implementing the same shall be made as part of the project cost.
11. Study of small plants, shrubs in the study area to be provided.
12. Flora and fauna - Identification of all species of flora and fauna including endangered and endemic species and the same shall be authenticated from DFO.

13. The industrial water demand as well as domestic water demand of the unit shall be elaborated. For abstraction of ground water, NOC from CGWA shall be obtained.
14. Detail regarding the electricity supply should be elaborated.
15. Effective energy conservation and fuel conservation plans may be prepared.
16. The PP should give details of energy saving plan, particularly for conservation of the electrical energy system should be so designed as to reduce energy losses.
17. Environmental issues related to the water reservoirs in the surrounding land should be specifically mentioned. Assessment and details relating to the impacts on water resources in proximity of the site be submitted.
18. The traffic survey of that area and impact on the traffic due to additional transportation from the proposed unit shall be elaborated.
19. The PP shall explicitly state if there is any violation carried out in the project(if any).
20. Waste water generated from the industrial & miscellaneous purposes and domestic purposes shall be treated in Effluent treatment plant and Sewage treatment plant. Provide details of hydraulic design of the STP and ETP and provide details of pollution control systems proposed to be installed.
21. The PP should submit proposal about carrying out GW monitoring in the up and down stream for contamination from MoEF/NABL/GoR approved lab.
22. Sources of air, water, soil and noise pollution from the site, necessary safeguard measures, pollution control equipments and Environmental Management Plan shall be elaborated.
23. The Socio economic survey of the population in local surrounding area, to assess their felt needs may be carried out in pre and post project implementation period. Based upon the findings of this survey, plans for addressing the issues according to felt need pertaining to social upliftment, habitat, drinking water, sanitation, health, educational, employment, livelihood activities etc. for the benefit to the society, may be prepared and financial provision for the same may be kept in the project. The socio-economic influence to the local community shall be elaborated including CSR activities. Details in this regard may be provided in the EIA/EMP report. The PP may explore to initiate CSR activities in the area along with EIA studies, as per the Annexure.
24. Risk analysis, occupational health & safety and DMP (measures to avoid any risk and DMP for any hazardous situation shall be given in EIA/EMP report.
25. The P.P. shall submit risk assessment and impact zone details, spread of pollutants.
26. Details of the safety measures to protect health of workers as per provision of relevant factory act and rules, shall be submitted.
27. Carry out plume modeling for leakage of underground storage tanks, and monitor for Btex/MBTE compounds in the ground water samples. EMP for remediation of le leakages of underground storage tanks, should be submitted.

28. Proposal for installing leakage monitoring devices such as photo ionization detector, geo probes, electro resistance tomography, carry out tank thickness and other integrity test on regular basis to the statistical probability of at least 95% with no more than 5% probability of false alarm, should be submitted.
29. Comply with all OISD guidelines pertaining to storage of chemicals or petroleum products
30. Facilities should be provided for the labourers like shelter, health facility, safe drinking water, sanitation facility, fuel/LPG for cooking, education for their children, crèche, recreation etc. Details as per the need based should be separately given along with budgetary provision and commitment thereof. **Details and registration no of registered labours, shall be submitted.**
31. Details of activity to be taken under EMP should be submitted along with proposed budget.
32. Specification of machineries including material handling systems shall be elaborated.
33. Cost-benefit analysis shall be elaborated; energy conservation measures shall also be defined along with such analysis.
34. Compliance to the recommendations mentioned in CREP guidelines shall be given in detail.
35. Details of mode of oil supply, storage capacity and collection system and proposed trouble-shooting mechanism, shall be submitted.
36. Details of the proposed schemes based on economic and operational ease considerations, shall be submitted.
37. All the coordinates of the project site shall be determined on the topo sheet ((1:50,000 scale).
38. The project proposal should comply with the provisions of Hazardous Waste (Management, Handling and Trans boundary Movement) Rules 2008 and MSIHC Rules 1989 (amended 2000).
39. A balance sheet certified by a Authorized Financial Expert to clearly indicate the provision made / amount spent for EMP/ERP/CSR/ labour welfare safety/ Legal Obligations etc to be enclosed
40. PP should clearly mention in the documents whether there is any violation of provisions of EIA Notification and inform at the start of presentation (to be a part of computer presentation also).
41. Details of construction activity including date of starting of construction work and investment incurred till date along with photographs and in case of industries / mining, the quantity of products produced so far, should be essentially mentioned by the PP / Consultant.
42. Used filter papers (Air monitoring) along with photographs of the site showing Air / Water sampling / monitoring activity / equipment used at each station should be submitted. Original copies of analysis report of all the relevant data referred in the documents should be enclosed.
43. The draft Environment Impact Assessment report may be prepared in accordance with the above-mentioned TORs. This report should be submitted to the Rajasthan State Pollution

Control Board for Public hearing as stipulated in the Environment Impact Assessment Notification, 2006 and subsequent amendments and circulars. Public Hearing shall be conducted in accordance with EIA Notification, 2006, its amendment dt. 01.12.2009 and MoEF circular no.J-15012/29/2010/IA.II(M) dt. 19.04.2010 and the issues raised by the public shall be addressed and incorporated in the Environment Impact Assessment / Environmental Management plan and submitted with all requisite data/information.

44. After completion of public hearing the final Environment Impact Assessment report, which shall address all the material environmental concerns expressed during the process and appropriate changes should be made in the Environmental Impact Assessment and EMP. The document comprising the aforesaid details may be submitted by the PP to SEAC at the earliest for environmental appraisal and taking an appropriate view in the matter.
45. Following information regarding the work order/agreement issued by the P.P. to the consultant (Accredited from QCI/ NABET for proposed project Sector) should be submitted:-
  - a. Dispatch No. of the work order/agreement.
  - b. Date of issue of work order.
  - c. Date of start of air/water/other monitoring work (as applicable)
  - d. Postal address/ Email Address/ Fax Number/ Mobile Number and Landline Number of the P.P.

**Points included in TOR as per MoEF circular no. J-11013/41/2006-IA.II(I)-Pt. dt. 19.05.2011 regarding Corporate Environmental responsibility.**

1. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
  2. Does the Environment Policy prescribed for standard operating process/procedures to bring into focus any infringement/deviation/violation of the Environmental or forest norms /conditions? If so, it may be detailed in the EIA report.
  3. What is the hierarchical system or administrative order of the company to deal with the Environmental issues and for ensuring compliance with the EC conditions? Details of this system may be given.
  4. Does the company have a system of reporting of non-compliances/violations of Environmental norms to the Board of Directors of the company and /or shareholders or stakeholders at large? This reporting mechanism should be detailed in the EIA report.
- In the final EIA /EMP report , compliance of TORs should be reported point wise in a statement of three columns as indicated below:-

S. No	Items in the letter of the TORs	Reply / Response by the PP
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**ANNEXURE-“A”****SPECIFIC CONDITIONS**

1. The PP shall obtain Consent to Establish and Operate from the Rajasthan State Pollution Control Board under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981, before carrying out mining activity.
2. The PP shall comply with the provisions of the Mines and Minerals (Development and Regulation) Act, 1957 and the rules made thereunder.
3. The PP shall make compliance of the provisions of the Environment (Protection) Act, 1986 and the rules and notifications issued thereunder.
4. The PP shall comply with all the statutory requirements and judgement of the Hon'ble Supreme Court dated 02.08.2017 in the matter of Writ Petition (Civil) No. 114 of 2014, Common Cause V/s Union of India & others.
5. In case of violation of the undertaking/ affidavit given by the PP regarding compliance of the judgement dated 02.08.2017 of the Hon'ble Supreme Court dated 02.08.2017 in the matter of Writ Petition (Civil) No. 114 of 2014, Common Cause V/s Union of India & others, the environmental clearance shall be liable to be terminated forthwith.
6. The environmental clearance will not be operational, till such time the project proponent complies with all the statutory requirements and judgement of the Hon'ble Supreme Court dated 02.08.2017 in the matter of Writ Petition (Civil) No. 114 of 2014, Common Cause V/s Union of India & others.
7. The State Government shall ensure that the mining operations shall not commence till the entire compensation levied, if any, for illegal mining, is paid, by the project proponent through the Department of Mines and Geology, in strict compliance of the judgement of the Hon'ble Supreme Court dated 02.08.2017 in the matter of Writ Petition (Civil) No. 114 of 2014, Common Cause V/s Union of India & others.
8. The EC is granted subject to the condition that it is liable to be rejected, in case it is found that the PP has deliberately concealed and furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC.
9. As stated by the PP, the total water requirement for the project shall be limited as mentioned above. Necessary permission for withdrawal of ground water, if required, shall be taken from CGWA.
10. The PP shall invest the amount mentioned above towards annual cost for implementing the Environment Management Plan.
11. The amount of CER as mentioned above shall be spent for socio economic up-liftment activities of the area particularly in the field of education, health, sanitation and other need based social activities in the nearby areas of the mining lease, such as improvement of the infrastructure of government schools etc. and as per the OM dated 01.05.2018 MoEF & CC. This amount should be effectively utilized and reflected in the books of accounts. Relevant report of the same should be made a part of social monitoring and six monthly compliance reports should be submitted to RSPCB, SEIAA and Regional Office of the MoEF & CC.



12. The mining operations of river sand mining (bajri) shall not intersect groundwater table. In cases of mining of other than river sand mining, below ground water table, prior approval of the Central Ground Water Authority shall be obtained.
13. The PP shall construct Rain Water Harvesting Structure and Artificial Recharge Structure in the lease area as also implement other/suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, CGWB.
14. Occupational health and safety of mine labour shall be given the highest priority.
15. Budgetary provision as mentioned above for the laborers working in the Mine, for all necessary infrastructure facilities such as health facility, sanitation facility, fuel for cooking, along with safe drinking water, medical camps, and toilets for women, crèche for infants; should be made and submitted to RPCB, Jaipur at the time of CTE/CTO. The housing facilities and Group Insurance should be provided for mining labours.
16. Topsoil shall be stacked temporarily at the earmarked sites only and it should not be kept unutilized for a period more than three years; it should be used for land reclamation and plantation in mined out areas.
17. The project proponent shall ensure that no natural water course / water body is obstructed due to any mining operations.
18. The PP shall follow the Sustainable Sand Mining Guidelines 2016 laid down the MoEF & CC, GOI.
19. The mining activity is restricted to three meter from ground level or water level whichever is less.
20. The waste should be dumped at the designated site as per approved Mining Plan on non-mineralized land within lease area or outside lease area, at the land provided by district authority or occupied by the lessee/STP/Quarry license holder. The height of the dump shall be as per the approved mining plan and toe of the dump should have retaining wall.
21. The bench height, width and slope shall be maintained as per the MMR 1960 or the DGMS approval.
22. Garland drains; settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and over burden dumps and sump capacity should be designed keeping 50 % safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate pits, which should be constructed at the corners of the garland drains and de-silted.
23. Drills shall either be operated with dust extractors or equipped with water injections system.
24. As envisaged, plantation shall be raised in an area of 33% of total area including green belt in the safety zone around the mining lease by planting the native species around ML area, OB dumps, backfilled and reclaimed around water body, roads etc. or outside lease area in consultation with the Gram Panchayat or Forests Department in the coming rainy season.
25. Regular water sprinkling should be carried out in critical areas prone to air pollution and having high levels of SPM and RSPM such as haul roads, loading and unloading points and transfer points. It should be ensured that the Ambient Air Quality parameters conform to the standards prescribed by the MoEF & CC.
26. Data on ambient air quality and stack emissions should be submitted to Rajasthan State Pollution Control Board once in six months, carried out by MOEF/ NABL/ CPCB/ RSPCB/ Government approved lab.
27. Blasting operation should be carried out only during the daytime with safe blasting parameters.

28. The project proponent shall take all due care to protect the existing flora and fauna. Utmost precaution shall be taken to conserve wildlife.
29. The PP shall carry out river sand (bajri) mining activity manually/ semi mechanized as provided under the Sustainable Sand Mining Management Guidelines, 2016.

### **GENERAL CONDITIONS**

1. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent. Any appeal against this environmental clearance 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.
2. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
3. The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and this office. A six monthly compliance status report shall be submitted to monitoring agencies.
4. The project authorities shall inform the MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
5. Officials from the Department of Environment, Government of Rajasthan, Jaipur/ Regional Office of MoEF, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to SEIAA should be forwarded to the CCF, Regional Office of MoEF, Lucknow / SEIAA, Department of Environment, Government of Rajasthan, Jaipur / RSPCB.
6. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provision of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
7. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental Clearance and copies of clearance letters are available with the Rajasthan State Pollution Control Board and may also be seen on the website of the RSPCB. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF at Lucknow/Department of Ecology and Environment, Government of Rajasthan, Jaipur.

8. These stipulations would be enforced among others under the provisions of water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006, along with their amendments and rules.
9. The PP shall obtain prior clearance from forestry and wild Life angle including clearance from standing committee of National Board of Wild Life (if applicable). It is further categorically stated that grant of EC does not necessary imply that Forestry and Wild Life clearance shall be granted to the project and that proposals for forestry and wild Life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any based on EC so granted, in anticipation of clearance from Forestry and Wild Life angle shall be entirely at the cost risk of the PP and MOEF/SEIAA shall not be responsible in this regard in any manner.
10. The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
11. Periodic monitoring of ambient air quality shall be carried out for PM10, PM2.5, SPM, SO2 and NOx monitoring. Location of the stations (minimum 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Rajasthan State pollution Control Board (RPCB). Six monthly reports of the data so collected shall be regularly submitted to the RPCB/CPCB including the MoEF, Regional office, Lucknow.
12. Personnel working in dusty areas shall wear protective respiratory devices they shall also be provided with adequate training and information on safety and health aspects.
13. The environmental statement for each financial year ending 31st March in Form-V shall be submitted to the Rajasthan State Pollution Control Board/SEIAA as prescribed under the environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Lucknow Regional offices of MoEF/SEIAA by e-mail as well as hard copy dually signed by competent person of company.

**Annexure - 'B'****General TOR:**

1. The validity period of this ToRs letter would be for a period of three years from the date of dispatch of the ToRs letter.
2. The study area will comprise 10 km zone around the mine lease from lease periphery and the data contained in the EIA with respect to mining operations such as conceptual pit limits, waste generation etc. should be for the life of the mine/lease period.
3. Location of other industries & mines within the study area along with their production and pollutants generated by them, estimated pollution load and cumulative impact on environment including the proposed project should be submitted. The same shall be accounted for while generating mathematical models of pollution dispersion for preparation of the EMP.
4. In the case of existing mine, year-wise production (since inception of the mines) details clearly indicating the proposed highest production for the life of the mine/lease period should be submitted.
5. Details of land to be used as the designated dumping site for OB dump should be selected and proposed within the lease area as per the approved mining plan. In no case the overburden should be dumped outside the lease area, however proposal for utilization of OB for construction or other meaningful use to the extent possible may be submitted and should try to work on zero waste patterns. Details regarding quantity of solid waste generation to be estimated and details for its disposal and dump management are to be provided.
6. Land use plan of the mine lease area should be prepared to encompass pre-operational, operational and post operational phases.
7. The P.P. should provide a mining plan along-with progressive mine closer plan and implementation plan at the time of submission of application for the EC.
8. Based on the study and the points raised by the people during public hearing, the P.P. shall work out an effective plan to address the environmental, socio-economic and other issues identified during the process, with suitable funds allocation for the purpose. Further PP shall implement all commitments made during public hearing, while implementing the project.
9. Certificate regarding mine lease area not falling in the Aravalli Hills issued by the Mining Engineer/ Assistant Mining Engineer in the prescribed format, as per the instructions contained in the letter no. DMG/ADM/Env/EC/F11/06/17-76 dt. 17.01.2011 issued by the Director, Department of Mines and Geology, GoR, Udaipur, should be submitted.

10. List/details within 10 km radius of the mine lease area, the location of human settlement, water bodies, Reserve Forest, National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant reserves (existing / proposed), shall be clearly indicated giving the land use. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above shall be obtained from the Chief Wildlife Warden under the Wildlife (Protection) Act' 1972 and submitted. This location map should also indicate the list and location of other mine leases existing, if any, within 10 km radius.
11. The ToR is subject to the specific condition that the PP shall obtain prior clearance from forestry and wild life angle including clearance from Standing Committee of the National Board Wild Life if applicable. It is further categorically stated that grant of EC does not necessary implies that forestry and wild life clearance shall be granted to the project and that their proposals for forestry and wild life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any, based on environment clearance so granted, in anticipation of the clearance from forestry and wildlife angle shall be entirely at the cost and risk of the project proponent and Ministry of Environment & Forests shall not be responsible in this regard in any manner.
12. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey. The details regarding flora to include information regarding (a) trees, shrubs, grasses, (b) frequency, density, I V I, abundance % of species occurring on proposed site, (c) dominant species of trees, shrubs , grasses (d) endemic species, (e) threatened species, (f) rare species, (g) endangered species and (h) vulnerable species. The details of fauna to include information regarding list and distribution clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
13. Collection of one season (non-monsoon) primary baseline data on ambient air quality, water quality, noise level, soil and flora and fauna, ambient air quality should be determined by measuring the concentration of parameters like P.M.<sub>2.5</sub>, P.M.<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> according to the latest standards prescribed by CPCB. Site-specific meteorological data should also be collected. The location of the monitoring stations (minimum 6) should be justified. Date wise collected baseline AAQ data should form part of EIA and EMP report. The monitoring shall be carried out by CPCB/NABL/ MOEF&CC/GoR approved laboratory and copy of the report to be submitted.
14. Air quality modelling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles

for transportation of mineral. The details of the model used and input parameters used for modelling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind roses showing pre-dominant wind direction should be indicated on map. Wind Rose Diagram should be representative and include stability class and inversion phenomenon of that area along with the lapse rate.

15. Surface and ground water study should be carried out, both pre-monsoon and post monsoon monitoring. Information about proposed working depth of mining area, groundwater table both in above MSL and Below Ground Level (BGL) should be provided. Based on actual monitored data, it may clearly be shown whether mine working will intersect groundwater table or not. In case the mining activity intersects the ground water table then necessary permission from CGWA should be obtained. Impact of the project on the water quality both surface and groundwater should also be assessed and necessary safeguard measures, if any required should be provided. Further, submit water drainage plan of the 10 km study area.
16. The P.P. should ensure compliance of the order of the Hon'ble Rajasthan High Court, Jodhpur, in D. B. Civil writ petition no. 1536 of 2003 in the matter of Abdul Rahman vs State of Rajasthan and others and submit a brief note regarding compliance of the court order.
17. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement (if any) for the project should also be indicated. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided. Details of water conservation measures including rainwater harvesting should be provided and to be adopted in the project.
18. Consumption of diesel and its storage should be provided along with an action plan for its efficient consumption.
19. The Conceptual post mine land use plan and Reclamation & Rehabilitation (R&R) plan of mined out area (with plans and sections at appropriate scale as per MCDR 1988) should be submitted.
20. Impact on local transport and infrastructure due to the project: Projected increase in hauling vehicles as a result of the project in the present road network (including those outside the project area) and whether it is capable of handling the increased load. Arrangement for improving the infrastructure to avoid any congestion especially at junctions and mishaps throughout the route of transportation of mineral should be ensured and action to be taken by other agencies such as State Government, if any, should be covered.

21. The green belt area should be developed in 33% of total lease area, provide time taken for of progressive greenbelt development, plantation and compensatory afforestation clearly indicating the 33% area to be covered under plantation giving detail of local species, width of plantation, plantation schedule etc. along with year wise financial expenditure. The proposal for completion should be within a period of 3 years from the start of mining operation. Information regarding greenbelt development plan shall also be prepared in a tabular form, indicating the location of the area, type of tree and its number supported by a map. In case plantation is not possible in the mining lease area than proposal for plantation on alternate land of area measuring 33% of the lease area should be ensured after due procreation/ identification of such land with due consent of the land owner. **Further, existing mining projects should carryout plantation in 33% of lease area and thereafter come for the EC.**
22. Budgetary provision for the labours (registered/unregistered/others) working in the mine should be submitted for all necessary infrastructure facilities such as health facility, sanitation facility, and fuel for cooking, along with provision for safe drinking water, monthly medical camps and distribution of medicines, primary education and toilets for women, crèche for infants.
23. Details regarding occupational health impact of the project should be provided. Health study in the surrounding area be carried out covering information regarding prevailing diseases, mortality rate etc. Health and Safety Plan should be prepared and submitted.
24. The P.P. will carry out proper Socio-economic survey of the villages situated in the study area. The details of survey are given informat 'J'. Based upon its findings and also as per public hearing issues and keeping in view the felt needs of local population, the P.P. will provide adequate budget for carrying out CER activities including provision for toilets for girls in nearby schools, monthly medical camps, and improvement in educational facilities in the nearby schools. Further, existing mining projects should carryout CER for a period of at least one year and thereafter come for the EC.
25. Measures for socio economic influence on the local community due to proposed project to be provided by project proponent. As far as possible, appropriate quantitative dimension to be given. Analysis of job requirements vis-à-vis employability of local population need to be provided.
26. Detailed environmental management plan (EMP) to mitigate the environmental impacts inter-alia including the impact due to change of land use, due to loss of agricultural land and grazing land, if any, should also be submitted besides other impacts of the project. The budgetary provision (both capital and recurring) for implementing the proposed EMP should be clearly spelt out.
27. Points to be raised during Public hearing and commitment of the project proponent on the same along with time bound action plan to implement the commitments and the necessary allocation of funds for the same should be provided.

28. Any litigation pending against the project and /or any direction /order passed by any Court of Law against the project, if so, details thereof should be submitted.
29. That the Project Proponent shall clearly spell out details of the explosives and blasting to be used, if any, for carrying on mining activity along with the impact of blasting on the environment and safety major to be proposed.
30. Provide details about transfer/allotment of mining lease, extension of lease period etc. along with authenticated copies of orders for lease allotment / transfer / extension of validity period.
31. A balance sheet certified by Authorized Financial Expert to clearly indicate the provision made / amount spent for EMP/ERP/CER/ Safety/Labour welfare/ Legal Obligations etc to be enclosed.
32. PP should clearly mention in the documents whether there is any violation of provisions of EIA Notification and inform at the start of presentation (to be a part of computer presentation also) as per MoEF Notification dated 8.3.2018.
33. The PP shall submit final and authenticated copy of the DSR (District Survey Report) as contemplated under Appendix-X of the EIA Notification 2006.
34. The Environmental Clearance will not be operational till such time the project proponent complies 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.
35. State Government concerned shall ensure that mining operation shall not commence till the entire compensation levied, if any, for illegal mining is paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of judgment of Hon'ble Supreme Court dated 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.
36. Used filter papers (Air monitoring) along with photographs of the site showing Air / Water sampling / monitoring activity / equipment used at each station should be submitted. Original copies of analysis report of all the relevant data referred in the documents should be enclosed.
37. After preparing the draft EIA (as per the generic structure prescribed in Appendix-III of the EIA Notification, 2006 and as amended from time to time ) covering the above mentioned issues, the proponent shall get the public hearing conducted (strictly following the procedure laid down in the Appendix IV of the Amendment Notification dated 01.12.2009 and MoEF circular no. J-15012/29/2010/IA.II (M) dated 19.04.2010, as per amendment, if any). In this regard due care would be taken in (i) deciding the venue of public hearing (at the project site or in its close proximity, to ensure widest possible public participation), (ii) forwarding the Draft EIA Reports with Executive Summary Reports and notice for hearing to various authorities / offices, specifically to Urban Local Bodies/ Panchayati Raj. Institutions (i.e Zila Parishad, Panchayat Samiti & Gram Panchayat)/



Development Authorities (i.e. U.I.T., J.D.A. etc.), (iii) adequate publicity regarding date, place and time of public hearing among local public, (iv) recording requisite “certificate” at the end of public hearing proceedings / report and (v) displaying the report in the office of Gram Panchayat, Zila Parishad, Collectorate etc.(vi) videography of the complete proceedings of the public hearing to be carried out. After completing the public hearing process as described above, the proponent shall take further necessary action for obtaining environmental clearance in accordance with the procedure prescribed under the EIA Notification, 2006 and subsequent amendments.

38. The information regarding the work order/agreement issued by the P.P. to the consultant (Accredited from QCI/ NABET for proposed project Sector) should be submitted along with, (a) Dispatch No. of the work order/agreement, (b) Date of issue of work order (c) Date of start of air/water/other monitoring work (as applicable) and (d) Postal address/ Email Address/ Fax Number/ Mobile Number and Landline Number of the P.P.

### **Specific ToR:**

3. Since as per the GT sheet, cluster mining plan & point no. 1.3 of the activity part in Form 1 the said mining lease/LOI/STP, either falls entirely in river Luni or a part of the lease/LOI/STP comes under river Luni, PP shall conduct replenishment study in accordance with the provisions of the EIA Notification, 2006 and the guidelines issued by the MoEF and CC.
4. The PP shall conduct Environmental Impact Assessment Study and prepare Environmental Management Plan for the entire cluster in order to capture all the possible externalities. These reports are required to incorporate carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo- hydrological study of the cluster.
5. The EIA/EMP shall be prepared by the state or state nominated agency or group of PP in the cluster or the PP in the cluster. The PP shall get one public consultation done for the entire cluster and after which prepare final EIA/EMP reports.

### **Points to be included in TOR as per MoEF&CC circular no. J-11013/41/2006-IA.II(I)-Pt. dt. 19.05.2011 regarding Corporate Environmental Responsibility.**

7. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
8. Does the Environment Policy prescribed for standard operating process/procedures to bring into focus any infringement/deviation/violation of the Environmental or forest norms /conditions? If so, it may be detailed in the EIA report.
9. What is the hierarchical system or administrative order of the company to deal with the Environmental issues and for ensuring compliance with the EC conditions? Details of this system may be given.

10. Does the company have a system of reporting of non-compliances/violations of Environmental norms to the Board of Directors of the company and /or shareholders or stakeholders at large? This reporting mechanism should be detailed in the EIA report.

**Specific ToRs applicable, in the cases of violation in terms of the Notification dated 14.3.2017 and 8.3.2018 and OM's dated 30.5.2018, 4.7.2018 of the MoEF&CC :**

11. The PP shall undertake assessment of ecological damage, remediation plan and natural and community resource augmentation plan. Such plan shall be prepared as an independent chapter in the Environment Impact Assessment report. The report shall be prepared by the accredited consultant. Collection and analyses of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986 or an environmental Laboratory, accredited by the National Accreditation Board for Testing and Calibration Laboratories or a Laboratory of the Council of Scientific and Industrial Research Institution working in the field of environment.
12. The Environment Management Plan shall comprise remediation plan and natural and community resource augmentation plan corresponding to ecological damage assessed and economic benefit derived due to the violation.
13. The PP shall undertake Final Environment Impact Assessment and prepare Final Environment Management Plan after conducting Public Hearing.
14. The PP shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the State Pollution Control Board and the PP shall deposit the bank guarantee prior to the grant of Environmental Clearance and which shall be released after successful implementation of the remediation plan and natural and community resource augmentation plan and after recommendation by Regional Office of the Ministry, State Level Expert Appraisal Committee and approval of SEIAA.
15. The project proponent shall give 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. before grant of ToR/ EC the undertaking inter-alia include commitment of the PP not to repeat any such violation in future.
16. In case of violation of above undertaking, the Environmental Clearance shall be liable to be terminated forthwith as per OM dated 30.5.2018 of the MoEF&CC.

In the final EIA /EMP report , compliance of points of ToRs should be reported point wise in a statement of three columns as indicated below:-

S. No	Items in the letter of the ToRs	Reply / Response by the PP
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