

Proceedings of 170th meeting of State Environment Impact Assessment Authority (SEIAA) held on 16.09.2020 at 10:30 AM in the Conference Hall No -2, Ist Floor, MGSIPA Complex, Sector- 26, Chandigarh through Video Conference.

In the meeting, the following members were present: -

- 1) Sh. Kuldip Singh, IFS (Retd.),
Chairman, SEIAA
- 2) Sh. Charandeep Singh, PCS
Member Secretary, SEIAA
- 3) Dr. Sunil Mittal,
Member, SEIAA

Item No. 01: Confirmation of the minutes of 169th meeting of State Environment Impact Assessment Authority (SEIAA) held on 17.08.2020.

The proceedings of 169th meeting of SEIAA held on 17.08.2020 was circulated vide email dated 30.08.2020. No observation was received from any member of SEIAA. As such, SEIAA confirmed the said proceedings.

Item No. 02: Action taken on the proceedings of 167th, 168th and 169th meeting of SEIAA held on 31.07.2020, 07.08.2020 and 17.08.2020 respectively.

The action taken report on the proceedings of 167th, 168th and 169th meeting of SEIAA held on 31.07.2020, 07.08.2020, and 17.08.2020 respectively, was seen by the SEIAA

Item no. 170.01: Appeal no. 19 of 2020 titled Janta Land Promoter Ltd V/s Punjab Pollution Control Board.

The facts of the matter are as under: -

Hon'ble NGT in the Appeal No 19/2020 titled M/s Janta Land Promoter Ltd. Vs Punjab Pollution Control Board has passed an order on 14.08.2020 and the contents of the same is reproduced as under: -

"This Appeal has been preferred under Section 16 (c) of the NGT Act, 2010 against order dated 20.07.2020 passed by the Punjab Pollution Control Board (PPCB) directing stopping of construction activity of the appellant under Section 33A of the Water (Prevention and Control of Pollution) Act, 1974. It was held that the appellant did not have the EC under the EIA Notification dated 14.09.2006 and consent to establish under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.

Learned counsel for the appellant submits that the findings in the impugned order are erroneous. He has made a reference to order dated 16.12.2015 whereby SEIAA, Punjab granted EC for "Super Mega Mixed Use Integrated Industrial Park" at Sector 82, 83 & 66A, SAS Nagar, Mohali. He has further referred to order of the Punjab State PCB dated 04.01.2013 granting NOC/Consent to Establish. Learned counsel for the appellant has also referred to statement made on behalf of SEIAA before the High Court of Punjab and Haryana in CWP No. 21351 of 2016 that separate permission was not required for construction within the project already sanctioned. He has also submitted that MoEF&CC has filed an affidavit dated 03.01.2017 in above proceedings before the High Court to the effect that separate EC was not required for the residential pockets in question.

Before we consider the above submissions, we find it necessary to require the PPCB and the SEIAA, Punjab to give their response before the next date by email at judicial-ngt@gov.in preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF. It is made clear the matter may be disposed of finally on the next date.

A copy of this order be forwarded to the PPCB and the SEIAA, Punjab by email for compliance.

The appellant may serve a set of papers on the PPCB and the SEIAA, Punjab and file an affidavit of service within one week.

The appellant is at liberty to file copy of the affidavit dated 03.01.2017 filed by the MoEF&CC.

List for further consideration on 16.10.2020."

The appellant had already served a set of papers of appeal to the SEIAA, Punjab.

After careful examination of the appeal, a draft reply in the matter has been prepared & circulated through email on 06.09.2020 among SEIAA for necessary changes/suggestions. The reply after incorporating the suggestions annexed as Annexure- A of the agenda of meeting for the approval so that the same can be filed in the Hon'ble NGT before the next date of hearing i.e. 16.10.2020.

1.0 Deliberations during the 170th meeting of SEIAA held on 16.09.2020.

SEIAA was apprised that the draft affidavit in the case was prepared and initially circulated through email on 06.09.2020 among SEIAA members for necessary changes/suggestions. Certain suggestions were received and the same were incorporated in the said affidavit. The amended draft affidavit was again circulated vide email dated 15.09.2020 among the SEIAA members. SEIAA examined the said affidavit in detail and approved the same without any further correction, which is enclosed as **Annexure-A** of the proceedings.

After deliberations, SEIAA decided that Member-Secretary shall file the reply on behalf of SEIAA, Punjab in the Hon'ble NGT through email in compliance with the NGT order dated 14.08.2020 well before the next date of hearing i.e. 16.10.2020

Item No: 170.02 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals on Agricultural Land in the village Jama Rakhaiya Uttar, Tehsil Ferozpur District Ferozpur, Punjab submitted by M/s Prime Vision Industries Private Limited. (Proposal No. SIA/PB/MIN/149047/2020)

The facts of the case are as under:

M/s Prime Vision Industries Private Limited has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from Agricultural land in the revenue estate of village Jama Rakhaiya Uttar, Tehsil Ferozpur District Ferozpur on 15.03.2020. The project is covered under category 1 (a) of the Schedule appended to the said notification.

Further, on the basis of scrutiny of application, EDS was raised on 24.03.2020 by SEIAA to which the project proponent replied on 15.06.2020. After considering the reply, the updated status of the documents attached to the application is as under: -

1.0 Status of documents attached with the application

(A) General

| | | |
|----|---|--|
| i) | Name of Applicant & Correspondence address: Mobile No: Email ID: | M/s Prime Vision Industries Pvt Ltd 312, Vishal Chamber P-1, Sector-18, Noida, Uttar Pradesh. 9646210786 Primevision.pb.ec@gmail.com |
|----|---|--|

| | | |
|-----|--|--|
| ii) | Name of Environmental Consultant Mobile No. Email ID | P and M solution 9910037943 Manasvyas23@gmail.com |
|-----|--|--|

(B) Detail of the Documents

The project proponent submitted all the requisite documents as per the checklist of the mining case along with Form-02. The project proponent submitted a hard copy of the same, which was taken on record.

2.0 Deliberations during 192nd meeting of SEAC held on 01.09.2020

The case was considered by SEAC in its 192nd meeting held on 01.09.2020. The meeting was attended by the following through Video Conference on behalf of the project proponent:

- (i) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.
- (ii) Sh. Subhash Kumar, EIA Coordinator and Sh. Manas Vyas, FAE, M/s P & M Solutions, Noida, Environment Consultant of the promoter company.

SEAC allowed the project proponent to present the salient features of the project and the Environment Consultant of the promoter company presented the same as under:

| S.No. | Item | Details |
|-------|--|---|
| 1. | Online Proposal No. | SIA/PB/MIN/149047/2020 |
| 2. | Project Name & Location | Jama Rakhaiya Uttar Sand Mining Project at Hadbast No-310, Village- Jama Rakhaiya Uttar, Tehsil- Firozpur, District-Firozpur, Punjab. |
| 3 | Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006 | 1(a) mining of mineral |
| 4 | Details of Mining Lease | |
| i) | Mineral (s) to be mined | Sand |
| ii) | Capacity of Mine | 10257.49 TPA |
| iii) | Mining Lease Area | Total area is 1.65 Ha |
| iv) | Details Letter of Intent (LOI)/E-Auction issued by the State Govt. | Memo No. MDM/Pb/E-Auction/2019 2231 Date of Issue: 30/05/2019 Provisional acceptance letter issued by departments of Mines and Geology Punjab Validity of LOI: Three years |

| | | | | |
|----|--|---|---|-----------------|
| | | Mining Lease Area: 1.65 Ha. Mining Quantity: 10257.49 TPA | | |
| 5 | HadBast No. | 310 | | |
| 6 | Land Khasra No. & their consent details | | | |
| | Sr No | Type | Khasra No | Consent details |
| | 1 | Govt Land | | |
| | 2 | Private Land | [13//23/2 (1-7),] [20//3(8-0), 7/2(4-0), 10(8-0), 11(8-0), 14(3-0 south) | Yes |
| 7. | Latitude & Longitude | | | |
| | Pillar | Latitude | Longitude | |
| | A | 30°50'24.50"N | 74°23'54.0"E | |
| | B | 30°50'24.40"N | 74°23'56.1"E | |
| | C | 30°50'21.90"N | 74°23'53.9"E | |
| | D | 30°50'21.80"N | 74°23'56.0"E | |
| | E | 30°50'21.70"N | 74°23'57.3"E | |
| | F | 30°50'19.90"N | 74°23'57.2"E | |
| | G | 30°50'19.75"N | 74°23'58.5"E | |
| | H | 30°50'19.10"N | 74°23'58.5"E | |
| | I | 30°50'19.20"N | 74°23'55.9"E | |
| | J | 30°50'20.0"N | 74°23'55.8"E | |
| | K | 30°50'21.90"N | 74°23'50.6"E | |
| | L | 30°50'21.90"N | 74°23'48.8"E | |
| | M | 30°50'18.00"N | 74°23'48.6"E | |
| | N | 30°50'18.10"N | 74°23'50.9"E | |
| 8 | Whether the project attracts the General Condition. | The site falls at about 2.7 KM from Pakistan but the general conditions are not applicable in light of OM dated 14.08.2018. | | |
| 9. | Does the project involves diversion of forest land.If yes, a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof | No, Forest NOC issued by DFO Ferozpur vide letter no 7676 dated 28.02.2020 | | |
| 10 | Does the project fall within 10 km of eco-sensitive area/ | No, Nearest Harike WLS is located approximately 61.01 Km from the site. | | |

| | National park/Wild Life Sanctuary? If yes, Status of NOC. If No, If No, submit documentary proof | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--|--|--------|-------------------|------------|----|-------------|-----|-----|--------------|------|------|-----------------|-----|-----|--------------|-----|----|------------|-----|-----|------------|------|--------|----------|------------|----|------------------|------|-----|-------------------|---|------|------------|---|-----|----------------------|---|----|-----------------|---|
| 11. | Land requirement for the project | <p>Prior to the project proposal</p> <table border="1"> <thead> <tr> <th>Sr No.</th> <th>Ownership pattern</th> <th>Area in Ha</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>Forest Land</td> <td>Nil</td> </tr> <tr> <td>ii)</td> <td>Private land</td> <td>1.65</td> </tr> <tr> <td>iii)</td> <td>Government land</td> <td>Nil</td> </tr> <tr> <td>iv)</td> <td>Revenue land</td> <td>Nil</td> </tr> <tr> <td>v)</td> <td>Other land</td> <td>Nil</td> </tr> <tr> <td>vi)</td> <td>Total land</td> <td>1.65</td> </tr> </tbody> </table> <p>Present Land use Break Up</p> <table border="1"> <thead> <tr> <th>Sr No.</th> <th>Land use</th> <th>Area in Ha</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>Agriculture Area</td> <td>1.65</td> </tr> <tr> <td>ii)</td> <td>Waste/Barren Area</td> <td>0</td> </tr> <tr> <td>iii)</td> <td>Settlement</td> <td>0</td> </tr> <tr> <td>iv)</td> <td>Surface water Bodies</td> <td>0</td> </tr> <tr> <td>v)</td> <td>Other(Specify)</td> <td>0</td> </tr> </tbody> </table> | Sr No. | Ownership pattern | Area in Ha | i) | Forest Land | Nil | ii) | Private land | 1.65 | iii) | Government land | Nil | iv) | Revenue land | Nil | v) | Other land | Nil | vi) | Total land | 1.65 | Sr No. | Land use | Area in Ha | i) | Agriculture Area | 1.65 | ii) | Waste/Barren Area | 0 | iii) | Settlement | 0 | iv) | Surface water Bodies | 0 | v) | Other(Specify) | 0 |
| Sr No. | Ownership pattern | Area in Ha | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i) | Forest Land | Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ii) | Private land | 1.65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iii) | Government land | Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iv) | Revenue land | Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| v) | Other land | Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| vi) | Total land | 1.65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sr No. | Land use | Area in Ha | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i) | Agriculture Area | 1.65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ii) | Waste/Barren Area | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iii) | Settlement | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iv) | Surface water Bodies | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| v) | Other(Specify) | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. | Cost of the project | Rs. 70,45,000/- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. | Details of Final District Survey Report | The final DSR has been forwarded by the DC, Ferozepur vide letter no. 728 dated 08.06.2020 to the Secretary-cum-Director Mining, Department of Mines and Geology, Punjab. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Details of visit report of Site Appraisal Committee | Date of visit: - 08.09.2017 Recommendation: recommended for mining | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Details of Mining Plan | Approved by :-State Geologist Approval Letter No:Glg/Pb/M.P./2020/142 Date of Approval: 14-02-2020 Approved Mining Lease Area:1.65 ha Approved Mining Quantity: 10257.49 TPA Depth of Mining (m):3.0m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Demarcation report of mining site | Date of demarcation: 28.02.2020 Photographs submitted: Yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. | Workers (when fully operational) | 10 Persons. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | |
|-----|--|--|--------------------------|----------------------------|
| 18. | Water Requirements & source | Domestic: 0.20 KLD Dust Suppression:1.3657 KLD Green Belt: 0.12 KLD (for buffer area) Total: 1.8857 KLD Ground water/Others: from nearby villages through tankers | | |
| 19. | Waste water generation, Treatment & its Disposal | a) Quantity of Waste water: Nil KLD b) Treatment Method: Portable toilets are proposed to be provided by the proponent in the mining site. After treatment will be disposed of plantation purposes. | | |
| 20 | Solid waste generation and its disposal | Solid waste will be disposed of as per Solid Waste Management Rules, 2016. | | |
| 21. | Green Belt Development Plan including no. of trees to be planted & its species. | Tree cutting (if any) : Nil No of plant to be planted: 543 Funds Allocated: : Rs 5,43,000/- | | |
| 22. | Environment Management Plan along with Budgetary breakup and responsibility to implement | Prime Vision Industries Pvt Ltd. will be responsible for the implementation of EMP till the mining activities closed as per the mining plan. | | |
| | Sr. No. | Description | Capital Cost (Rs) | Recurring Cost (Rs) |
| | 1 | Pollution Control & Dust Suppression | Nil | 50,000 |
| | 2 | Pollution Monitoring i) Air pollution ii) Water Pollution iii) Noise Pollution | | |
| | 3 | Plantation and salary for one gardener (part time basis) | 5,43,000 | 2,71,500 |
| | 4 | Haul road Maintenance Cost | 34,142 | 17,071 |
| | | Total | 5,77,142 | 3,38,571 |
| 23 | CER activities along with budgetary break-up and responsibility to implement All the directors M/s. Prime Vision Industries Pvt Ltd will be responsible for the implementation of Corporate Environmental Responsibility (CER). As the project cost is Rs 70,45,000/- and Rs 25,000/- have been reserved for CER activities as per Office Memorandum of CER dated 01.05.2018 and will be spent on the followings: | | | |

| | Sr. No. | Particulars | Amount (in Rs) |
|--|---------|--|--------------------|
| | 1 | PP will install solar water pumps for villagers for use in irrigation. | Rs 25,000/- |
| | | Total | Rs 25,000/- |

SEAC asked the project proponent and his Environmental Consultant to clarify the following observations to which he replied as under: -

| Sr. No. | Observations | Reply submitted by the project proponent and his Environmental Consultant |
|---------|---|---|
| 1. | The site falls in the notified area and the project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to District Mining Officer on monthly basis. | The project proponent agreed to the same. |
| 2. | The project proponent is required to plant trees of natives species having plant height more than 3 ft along with tree guard. | The project proponent agreed to the same. |
| 3. | The project proponent is required to submit an undertaking to the effect that the mining shall be carried out as per the approved Mining Plan and comply with the terms and conditions of the Department of Mines & Geology, Govt. of Punjab as issued from time to time. | The project proponent agreed to the same. |
| 4. | As per the condition no. 21 mentioned in the standard Environmental Conditions for sand mining as given in the Sustainable Sand Mining Management Guidelines, 2016, mining should begin only after pucca pillar, marking the boundary of lease area, is | The project proponent agreed to the same. |

| | | |
|----|--|---|
| | erected at the cost of the lease holder after certification by the mining official and its geo-coordinates are made available to the District Level Committee and a condition to the same shall be imposed in the Environmental Clearance issued to the project proponent. | |
| 5. | The project proponent could not justify as to why the semi-mechanized mining is better for the environment as compared to manual mining. The Committee decided that the project proponent shall carry out mining only by manual method. | The project proponent agreed to the same. |

SEAC was satisfied with the presentation and reply given to the observation. SEAC took a copy of the presentation along with a reply on record.

After deliberations, SEAC decided to award silver grading to the project and forward the application of the project proponent to SEIAA with the recommendations to grant Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land located in the revenue estate of village Jama Rakhaiya Uttar, Tehsil & District Ferozepur, Punjab submitted by M/s Prime Vision Industries Pvt. Ltd. as per Annexure-1 along with the following additional conditions:

1. The project proponent shall carry out mining only by the manual method.
2. The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to the District Mining Officer on monthly basis.
3. The project proponent shall begin mining only after pucca pillar marking, the boundary of the leased area is erected at the cost of the lease holder after certification by the mining official and its geo-coordinates are made available to the District Level Committee.
4. The proponent shall plant 543 number of plants of native species of not less than 3 ft in size at the identified location and protect the same with tree guards. The proponent shall make adequate provision of funds and ensure maintenance of the plants for a further period of three years.
5. The project proponent shall construct rain water harvesting pits along with desilting chambers in the Govt. Primary School of the village Jama Rakhaiya Uttar, Tehsil & District Ferozepur. The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits.

6. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least a minimum amount of Rs. 25,000/- towards the following activities:

| Sr. No. | Particulars | Amount (in Rs) |
|----------------|--|-----------------------|
| 1 | PP will install solar water pump for villagers for use in irrigation | 25,000/- |
| Total | | 25,000/ |

3.0 Deliberations during 170th meeting of SEIAA held on 16.09.2020

The case was placed before SEIAA in its 170th meeting held on 16.09.2020 and the same was attended by the following through video conference: -

- (i) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.
- (ii) Sh. Subhash Kumar, EIA Coordinator and Sh. Manas Vyas, FAE, M/s P & M Solutions, Noida, Environment Consultant of the promoter company.

Environmental Consultant of the Promoter company presented the salient feature of the project and submitted a copy of the presentation, which was taken on record by the SEIAA.

SEIAA raised certain queries to which the environmental consultant of the promoter company replies as under: -

Query 1: As to whether the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM has been submitted in this case.

Reply 1: The PP informed that instead a report from the Site Appraisal Committee (SAC) has been submitted. However, he agreed to submit the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM before the start of the mining and also before obtaining consent to operate under Water Act, 1974 and Air Act, 1981 to Punjab Pollution Control Board(PPCB).

Query 2: Whether the transportation route in this case is through any village?

Reply 2 : The transportation route is not through any village.

Query 3: An amount of Rs 50,000/- proposed in the EMP for environment monitoring (Air, water and noise pollution) is not adequate and the same is required to be increased.

Reply 3: Environmental consultant of the promoter company agreed to increase the Environment monitoring cost as suggested by SEIAA and submitted an undertaking to the effect that Rs 2.0 lacs will be provided per year for Air, Water and Noise monitoring.

Query 4: SEAC has imposed a special condition that project proponent shall carry out mining only by the manual method whereas open Cast semi-mechanized Method of mining has been proposed in the presentation. Clarify?

Reply 4: Environmental consultant of the promoter company replied that they accept the condition imposed by the SEAC and the manpower required for the mining has been calculated considering the manual method of mining.

Query 5: What is the distance between the mining pit no 1 and mining pit no 2

Reply 5: Mining pits are 100 m apart from each other.

Query 6: The project Proponent shall submit the Site-Specific Corporate Environmental Responsibility indicating the activity, amount to be spent and time schedule.

Reply 6: The project proponent submitted the revised proposal to spend Rs. 40,000 for the purpose of CER as per OM dated 01.05.2018 as under: -

| Sr. No. | Particulars | Amount (in Rs) | Schedule |
|---------|---|----------------|---|
| 1 | Project Proponent will install 1KW Solar power mini station at Government primary School, Village Jama Rakhiya Uttar, Tehsil: Ferozepur, District: Ferozepur(Punjab). | 40,000/- | Work will be completed within one year from the date of grant of EC |
| Total | | 40,000/ | |

Query 7 : SEIAA suggested that tree guard made of concrete should be used in place of tree guard made of Iron as theft of Iron made Tree Guards is very common.

Reply 7: Environmental consultant of the promoter company agreed with the suggestion of SEIAA and submitted an undertaking to the effect that tree guard made of concrete will be installed along with tree saplings.

During discussions, the representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC and amended by the SEIAA

The SEIAA observed that the case stands recommended by SEAC and the Committee has awarded 'Silver Grading' to the project proposal. The SEIAA looked into the details of the case and was satisfied with the same.

Therefore, the Authority decided to accept the recommendations of SEAC and grant Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land

located in the revenue estate of village Village Jama Rakhiya Uttar, Tehsil and District Ferozepur(Punjab) to M/s Prime Vision Industries Private Ltd., as per approved mining Plan with the manual method of mining only & subsequent presentation /clarifications made by the project proponent and his consultant, with proposed measures and following conditions as recommended by SEAC & certain amendments therein & agreed by the Project proponent:

A. Specific conditions:

- 1) The environmental clearance will be valid for a period of seven years from the date of issuance or till the validity of the mining contract whichever is earlier, as per the provisions of the EIA Notification, 2006 as amended subsequently, for mining of minor minerals in the above said location and Khasra numbers.
- 2) The project proponent shall carry out mining only by the manual method.
- 3) Mining lease area shall be demarcated on the ground with pucca pillars and geo-referencing shall be done prior to start of mining.
- 4) The project proponent shall start mining only after geo-coordinates of the site are made available to the District Level Committee.
- 5) The project proponent shall submit a report on suitability of site for mining by the Sub-Divisional Committee headed by SDM to Punjab Pollution Control Board (PPCB) before start of the mining & obtaining consent to operate under Water Act, 1974 and Air Act, 1981.
- 6) The applicant shall also submit a copy of the demarcation report of the site duly certified by revenue officer not below the rank of Kanungo, to the Punjab Pollution Control Board, before obtaining consent to operate under Water Act, 1974 and Air Act, 1981.
- 7) The applicant shall also submit the consent of all the concerned landowner (s) of the site for carrying out the mining operation to Punjab Pollution Control Board, before obtaining the consent to operate under Water Act, 197 and Air Act, 1981.
- 8) Mining shall be as per the approved Development/Mining Plan prepared for this project and as per the Mines & Mineral (Development & Regulation) Act, 1957 and rules framed there under as amended from time to time, other Acts/rules related with mining of minor minerals.
- 9) The mining activity shall be carried out strictly as per guidelines contained in the Sustainable Sand Mining Management Guidelines 2016 and provisions made in the Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by MoEF&CC, New Delhi as amended from time to time and guidelines issued by Geological Survey of India.
- 10) The mining operation will be carried out only from sun-rise to sunset.
- 11) The project proponent shall obtain Consent to Establish and Consent to Operate from the Punjab Pollution Control Board and effectively implement all the conditions stipulated therein.

- 12) The mining officer shall observe the mining site after every 15 days and in case, a Schedule-I or Schedule-II species as per Wildlife Act or any rare or endangered species are reported, the Mining Officer will get a conservation plan prepared in consultation with the Department of Wildlife and ensure its implementation.
- 13) The mining of minor mineral (sand) shall be carried out only up to a depth of 3.0 m as proposed in the approved mining plan or one metre above the groundwater level, whichever is less.
- 14) The mining shall be carried out by the contractor/lessor as per the EMP prepared and development / mining plan prepared as per the Mines & Mineral (Development & Regulation) Act, 1957 / other Acts/Rules related with mining of minor minerals.
- 15) The Project Proponent and Mining Officer shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
- 16) The project proponent shall undertake plantation/afforestation work by planting the native species in the nearby area adjacent to mine lease.
- 17) The project proponent shall ensure that effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Ministry of Environment & Forests/Punjab Pollution Control Board in this regard.
- 18) The project proponent shall undertake adequate safeguard measures during extraction of sand and ensure that due to this activity, the hydro-geological and ecological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells, if any, and installing new piezometers during the mining operation.
- 19) The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to the District Mining Officer on monthly basis.
- 20) The periodic monitoring [(at least four times in a year- pre-monsoon (April May), monsoon (August), post-monsoon (November) and winter (January)); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office at Chandigarh, the Central Ground Water Authority, the Regional Director, Central Ground Water Board; SEIAA, Punjab and Punjab Pollution Control Board. If at any stage, it is observed that the groundwater table is getting depleted or rising due to the mining activity, necessary corrective measures shall be carried out.
- 21) The project proponent shall obtain necessary prior permission of the competent authorities/CGWA for drawl of requisite quantity of water (surface water and groundwater), if any, required for the project.

- 22) In case, mining site falls in the notified block declared by the CGWA, the project proponent shall obtain necessary prior permission for drawl of requisite quantity of water for domestic purposes from District Advisory Committee (DAC) and only treated waste water will be used for dust suppression activities.
- 23) The project proponent shall construct rain water recharging pits along with desilting chambers in the Govt. Primary School of the village Jama Rakhaiya Uttar, Tehsil & District Ferozepur. The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits. In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse.
- 24) The proponent shall plant 543 number of plants of native species of not less than 3 ft in size at the identified location in the village near to the mining site and protect the same with tree guards made of concrete. The proponent shall make adequate provision of funds and ensure maintenance of the plants for a further period of three years.
- 25) Appropriate mitigation measures shall be taken by the project proponent to prevent pollution at the mining site in consultation with the Punjab Pollution Control Board. It shall be ensured that there is no leakage of oil and grease at the mining site from the vehicles/mining equipment's used for transportation.
- 26) Vehicular emissions shall be kept under control and regularly monitored. The project proponent shall ensure that will not pass through any village. The transportation hours of mined material shall be restricted to non-peak hours only.
- 27) The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. All the public roads as well as approach roads shall be maintained and it shall be ensured that tippers carrying mined material are not loaded beyond the permissible load as per designed load bearing capacity of the road. Moreover, provision of sufficient funds shall be made in the budget for the proper maintenance of the roads.
- 28) Mineral handling area shall be provided with the adequate number of dust suppression systems. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
- 29) A First Aid Room shall be provided in the project both during construction and operations of the project.
- 30) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- 31) Provision shall be made for the housing of workers, if residing at site, within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. In case of non-residential/daily workers, provision of

- adequate bath rooms, mobile toilets, and mobile STP shall be made to avoid open defecation and treated domestic effluent shall be discharged onto land for plantation.
- 32) The municipal solid waste generated shall be disposed of as per Solid Waste Management Rules, 2016. Segregation of bio-degradable and non-biodegradable wastes shall be done at site and disposed of as per provisions of Solid Waste Management Rules. Dustbins will be provided at site and the workers will be guided to put the domestic waste and plastic carry bags etc. if any, in the dustbin. No littering will be permitted at the site as well as in the vicinity.
 - 33) The critical parameters such as RSPM (Particulate matter with size less than 10 microns i.e., PM10) and NO in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH, Faecal Coliform and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009 issued by Ministry of Environment and Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.
 - 34) The project proponent shall take all precautionary measures during mining operation for conservation and protection of rare and endangered flora & fauna found in the study area. Action plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab.
 - 35) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility (CER). The project proponent shall adhere to the commitments made in the proposal for CER that an amount of Rs 40,000/- will be spent for installation of 1KW Solar Power Mini Station at Government Primary School, village Jama Rakhiya Uttar, Tehsil and District Ferozepur within 1st year of grant of environmental Clearance.
 - 36) Vehicles hired to be used for transportation of mined material should be in good condition and should conform to applicable air and noise emission standards as provided in the Vehicular Act.
 - 37) Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored.
 - 38) The Risk assessment and disaster management plan should be prepared.

- 39) The project proponent shall submit the site plan showing the earmarked area for storage of mined material.
- 40) No mining operation shall be carried out at any point within 75 m of railway line, 60 m from national highway, 50 m from HT line/any public works/reservoirs, tanks/canal/public roads and buildings or inhabited or 10 m of outer edge of any village road. A safety barrier of 7.5m width shall be left intact around the mine lease boundary.
- 41) The project proponent shall ensure the implementation of the post closure mining plan as proposed by the project proponent in the mining plan.
- 42) The project proponent shall comply with the condition imposed by District Forest Officer (DFO) while granting NOC.
- 43) The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

B. General Conditions:

- (i) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forests & Climate Change.
- (ii) No change in the calendar plan including excavation, quantum of mineral sand/gravel (minor mineral) and waste should be made.
- (iii) Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM) and NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the Punjab Pollution Control Board.
- (iv) Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM) & NO_x should be regularly submitted to the Ministry of Environment and Forests including its Regional office located at Chandigarh and the Punjab Pollution Control Board / Central Pollution Control Board once in six months and SEIAA, Punjab.
- (v) Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- (vi) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

- (vii) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- (viii) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Chandigarh and SEIAA, Punjab.
- (ix) The project proponent should inform to the Regional Office of the Ministry of Environment & Forests located at Chandigarh and SEIAA, Punjab regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- (x) The Regional Office of Ministry of Environment & Forests located at Chandigarh and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- (xi) The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab.
- (xii) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ 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 on the website of the Company by the proponent.
- (xiii) The Project Proponent should display a copy of the clearance letter at the Regional office, District Industries Centre and the Collector's office/ Tehsildar's office.
- (xiv) The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the concerned Punjab 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 environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab by e-mail.
- (xv) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding

Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility.

- (xvi) The project proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the Punjab Pollution Control Board and also at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of Ministry of Environment & Forests at Chandigarh and SEIAA, Punjab.
- (xvii) The Ministry of Environment, Forests & Climate Change and SEIAA, Punjab or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- (xviii) The SEIAA may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, it is found/ come to the knowledge of the SEIAA that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.
- (xix) The project proponent shall get the micro chemical analysis of the mined material done from an approved laboratory once in a year and shall submit the analysis results to the Ministry of Environment & Forests/Punjab Pollution Control Board and SEIAA, Punjab.
- (xx) The project proponent shall ensure that the contractor shall engage people of local area for mining purpose as far as possible, so as to have opportunities of employment for them.
- (xxi) The project proponent may apply for transfer of environmental clearance under EIA notification dated 14.09.2006 to the other contractor finalized by the Department of Industries & Commerce to SEIAA, Punjab. However, no activity shall be undertaken by the contractor till the environmental clearance is transferred in his name and he is lawfully bound to comply with the conditions of the environmental clearance.
- (xxii) The monitoring of the mining project in respect of Environment Management shall be carried out by the State/District Level Environment Management Cells constituted by the Govt. of Punjab vide notifications dated 03.12.2012.
- (xxiii) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under.

Item No: 170.03 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals on Agricultural Land in the village Mandiwala, Tehsil Guru Har Sahai, District Ferozepur, Punjab submitted by M/s Prime Vision Industries Private Limited. (Proposal No. SIA/PB/MIN/150559/2020)

The facts of the case are as under:

M/s Prime Vision Industries Private Limited has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from Agricultural land in the revenue estate of **village Mandiwala, Tehsil Guru Har Sahai & District Ferozepur** on 27.03.2020. The project is covered under category 1 (a) of the Schedule appended to the said notification.

Further, on the basis of scrutiny of application, EDS was raised on 18.04.2020 by SEIAA to which the project proponent replied on 15.06.2020 respectively. After considering the reply, updated status of the documents attached with the application is as under: -

1.0 Status of documents attached with the application

(A) General

| | | |
|-----|---|--|
| i) | Name of Applicant & Correspondence address: Mobile No: Email ID: | M/s Prime Vision Industries Pvt Ltd 312, Vishal Chamber P-1, Sector-18, Noida, Uttar Pradesh. 9646210786 Primevision.pb.ec@gmail.com |
| ii) | Name of Environmental Consultant Mobile No. Email ID | P and M solution 9910037943 Manasvyas23@gmail.com |

(B) Detail of the Documents

The project proponent submitted all the requisite documents as per the checklist of the mining case along with Form-02. The project proponent submitted a hard copy of the same, which was taken on record.

The case was considered by SEAC in its 192nd meeting held on 01.09.2020. The meeting was attended by the following through Video Conference on behalf of the project proponent:

- (i) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.

- (ii) Sh. Subhash Kumar, EIA Coordinator and Sh. Manas Vyas, FAE, M/s P & M Solutions, Noida, Environment Consultant of the promoter company.

SEAC allowed the project proponent to present the salient features of the project and the Environment Consultant of the promoter company presented the same as under:

| S.No. | | Item | Details | |
|-------|---|--|---|-----------------|
| 1. | Online Proposal No. | | SIA/PB/MIN/150559/2020 | |
| 2. | Project Name & Location | | Mandiwala Sand Mining Project at Hadbast No-171, Village-Mandiwala , Tehsil-Guru Har Sahai, District–Ferozepur, Punjab | |
| 3 | Project/activity covered under item of scheduled to the EIA Notification,14.09.2006 | | 1(a) mining of mineral | |
| 4 | Details of Mining Lease | | | |
| | i) | Mineral (s) to be mined | Sand | |
| | ii) | Capacity of Mine | 8060.96 TPA | |
| | iii) | Mining Lease Area | Total area is 1.11 Ha | |
| | iv) | Details Letter of Intent (LOI)/E-Auction issued by the State Govt. | Reference No: 1709-10 Date of Issue: 09/07/2019 Memo No. MDM/Pb/E-Auction/2019 2231 Date of Issue: 30/05/2019 Provisional acceptance letter issued by departments of Mines and Geology Punjab Validity of LOI: Three years Mining Lease Area: 1.11 Ha Mining Quantity: 8060.96 TPA | |
| 5 | HadBast No. | | 171 | |
| 6 | Land Khasra No. & their consent details | | | |
| | Sr No | Type | Khasra No | Consent details |
| | 1 | Govt Land | | |
| | 2 | Private Land | [29//11/1 (2-8), 11/2(1-8), 11/2/2 (4-4), 12/1 (4-0)] [30//15 (8-0), 17/1 (2-0)] | Yes |
| 7. | Latitude & Longitude | | | |
| | S. No | Corner | Latitude | Longitude |
| | 1 | A. | 30°42'2.50"N | 74°21'33.80"E |

| | | | | | |
|-----|--|----------------------|---|-------------------|------------|
| | 2 | B. | 30°42'2.70"N | 74°21'27.70"E | |
| | 3 | C. | 30°42'0.70"N | 74°21'27.60"E | |
| | 4 | D. | 30°41'58.80"N | 74°21'27.50"E | |
| | 5 | E. | 30°41'58.90"N | 74°21'25.10"E | |
| | 6 | F. | 30°42'0.80"N | 74°21'25.10"E | |
| | 7 | G. | 30°42'0.60"N | 74°21'33.90"E | |
| 8. | Whether the project attracts the General Condition. | | No | | |
| 9. | Does the project involves diversion of forest land.If yes, a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof | | No, Forest NOC issued by DFO Ferozpur vide letter no 7676 dated 28.02.2020 | | |
| 10. | Does the project fall within 10 km of eco-sensitive area/ National park/Wild Life Sanctuary? If yes, Status of NOC. If No, If No, submit documentary proof | | No, Nearest Harike WLS is located approximately 73.63 Km from the site. | | |
| 11. | Land requirement for the project | | Prior to the project proposal | | |
| | | | Sr No. | Ownership pattern | Area in Ha |
| | | | i) | Forest Land | Nil |
| | | | ii) | Private land | 1.11 |
| | | | iii) | Government land | Nil |
| | | | iv) | Revenue land | Nil |
| | | | v) | Other land | Nil |
| | | | vi) | Total land | 1.11 |
| | | | Present Land use Break Up | | |
| | | | Sr No. | Land use | Area in Ha |
| | | | i) | Agriculture Area | 1.11 |
| | | | ii) | Waste/Barren Area | 0 |
| | iii) | Settlement | 0 | | |
| | iv) | Surface water Bodies | 0 | | |
| | v) | Other(Specify) | 0 | | |
| 12. | Cost of the project | | Rs. 66,10,929/- | | |
| 13. | Details of Final District Survey Report | | The final DSR has been forwarded by the DC, Ferozpur vide letter no. 728 dated 08.06.2020 to the Secretary-cum-Director | | |

| | | | | |
|----|--|---|--------------------------|----------------------------|
| | | Mining, Department of Mines and Geology, Punjab. | | |
| 14 | Details of visit report of Sub Divisional Level Committee | Date of visit: - 09.10.2017 Recommendation: recommended for mining | | |
| 15 | Details of Mining Plan | Approved by :-State Geologist Approval Letter No: Glg/PB/M.P./2020/377 Date of Approval: 20.03.2020 Approved Mining Lease Area: 1.11 Ha Approved Mining Quantity: 8060.96 TPA Depth of Mining (m):3.0m | | |
| 16 | Demarcation report of mining Site Appraisal Committee | Date of demarcation:16.01.2020 Photographs submitted: Yes | | |
| 17 | Workers (when fully operational) | 10 Persons. | | |
| 18 | Water Requirements & source | Domestic: 0.20 KLD Dust Suppression:1.24 KLD Plantation:0.80 KLD (in buffer area around the site) Total:2.44 KLD Ground water/Others: from nearby villages through tankers | | |
| 19 | Waste water generation, Treatment & its Disposal | a) Quantity of Waste water : Nil KLD b) Treatment Method: Portable toilets are proposed to be provided by the proponent in the mining site. After treatment will be disposed of plantation purpose. | | |
| 20 | Green Belt Development Plan including no. of trees to be planted & its species. | Tree cutting (if any) : Nil No of plant to be planted: 366 Funds Allocated: : Rs 3,66,000 | | |
| 21 | Environment Management Plan along with Budgetary breakup and responsibility to implement | Prime Vision Industries Pvt Ltd. will be responsible for the implementation of EMP till the mining activities closed as per the mining plan. | | |
| | Sr. No. | Description | Capital Cost (Rs) | Recurring Cost (Rs) |
| | 1 | Pollution Control & Dust Suppression | | |

| | 2 | Pollution Monitoring i) Air pollution ii) Water Pollution iii) Noise Pollution | Nil | 50,000 | | | | | | | | | |
|--------------|---|---|-----------------|-----------------|---------|-------------|----------------|---|---|-------------|--------------|--|-------------------|
| | 3 | Plantation and salary for one gardener (part time basis) | 3,66,000 | 1,83,000 | | | | | | | | | |
| | 4 | Haul road Maintenance Cost | 31,000 | 15,500 | | | | | | | | | |
| | Total | | 3,97,000 | 2,48,500 | | | | | | | | | |
| 22 | <p>CER activities along with budgetary break-up and responsibility to implement Directors of M/s. Prime Vision Industries Pvt Ltd will be responsible for the implementation of Corporate Environmental Responsibility (CER). As the project cost is Rs 66,10,929/- and Rs 15,000/- have been reserved for CER activities as per Office Memorandum of CER dated 01.05.2018 and will be spent on the followings: -</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 10%;">Sr. No.</th> <th style="width: 60%;">Particulars</th> <th style="width: 30%;">Amount (in Rs)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PP will install solar lights for villagers at location suitable to them</td> <td>Rs 15,000/-</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td>Rs 15000/-</td> </tr> </tbody> </table> | | | | Sr. No. | Particulars | Amount (in Rs) | 1 | PP will install solar lights for villagers at location suitable to them | Rs 15,000/- | Total | | Rs 15000/- |
| Sr. No. | Particulars | Amount (in Rs) | | | | | | | | | | | |
| 1 | PP will install solar lights for villagers at location suitable to them | Rs 15,000/- | | | | | | | | | | | |
| Total | | Rs 15000/- | | | | | | | | | | | |

SEAC asked the project proponent and his Environmental Consultant to clarify the following observations to which he replied as under: -

| Sr. No. | Observations | Reply submitted by the project proponent and his Environmental Consultant |
|---------|---|---|
| 1. | The site falls in the notified area and the project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to District Mining Officer on monthly basis. | The project proponent agreed to the same. |
| 2. | The project proponent is required to plant trees of natives species having plant height more than 3 ft along with tree guard. | The project proponent agreed to the same. |
| 3. | The project proponent is required to submit an undertaking to the effect | The project proponent agreed to the same. |

| | | |
|----|--|---|
| | that the mining shall be carried out as per the approved Mining Plan and comply with the terms and conditions of the Department of Mines & Geology, Govt. of Punjab as issued from time to time. | |
| 4. | As per the condition no. 21 mentioned in the standard Environmental Conditions for sand mining as given in the Sustainable Sand Mining Management Guidelines, 2016, mining should begin only after pucca pillar, marking the boundary of lease area, is erected at the cost of the lease holder after certification by the mining official and its geo-coordinates are made available to the District Level Committee and a condition to the same shall be imposed in the Environmental Clearance issued to the project proponent. | The project proponent agreed to the same. |
| 5. | The project proponent could not justify as to why the semi-mechanized mining is better for the environment as compared to manual mining. The Committee decided that the project proponent shall carry out mining only by manual method. | The project proponent agreed to the same. |

SEAC was satisfied with the presentation and reply given to the observation. SEAC took a copy of the presentation along with a reply on record.

After deliberations, SEAC decided to award silver grading to the project and forward the application of the project proponent to SEIAA with the recommendations to grant Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land located in the revenue estate of village Mandiwala, Tehsil Guru Har Sahai & District Ferozepur, Punjab submitted by M/s Prime Vision Industries Pvt. Ltd. as per Annexure-1 along with the following additional conditions:

1. The project proponent shall carry out mining only by the manual method.
2. The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site.

Also, monthly monitoring of the water level in the wells is required to be carried out and reported to District Mining Officer on monthly basis.

3. The project proponent shall begin mining only after pucca pillar marking, the boundary of the leased area is erected at the cost of the leaseholder after certification by the mining official, and its geo-coordinates are made available to the District Level Committee.
4. The proponent shall plant 366 number of plants of native species of not less than 3 ft in size at the identified location and protect the same with tree guards. The proponent shall make adequate provision of funds and ensure maintenance of the plants for a further period of three years.
5. The project proponent shall construct rainwater harvesting pits along with desilting chambers in the Govt. Primary School of the Mandiwala, Tehsil Guru Har Sahai, District Ferozepur. The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits.
6. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least a minimum amount of Rs. 15,000/- towards the following activities:

| Sr. No. | Particulars | Amount (in Rs) |
|----------------|--|-----------------------|
| 1 | PP will install a solar water pump for villagers for use in irrigation | 15,000/- |
| Total | | 15,000/ |

3.0 Deliberations during 170th meeting of SEIAA held on 16.09.2020

The case was placed before SEIAA in its 170th meeting held on 16.09.2020 and the same was attended by the following through video conference: -

- (i) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.
- (ii) Sh. Subhash Kumar, EIA Coordinator and Sh. Manas Vyas, FAE, M/s P & M Solutions, Noida, Environment Consultant of the promoter company.

Environmental Consultant of the Promoter company presented the salient feature of the project and submitted a copy of the presentation, which was taken on record by the SEIAA.

SEIAA raised certain queries to which the environmental consultant of the promoter company replies as under: -

Query 1: As to whether the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM has been submitted in this case.

Reply 1: The PP informed that instead a report from the Site Appraisal Committee (SAC) has been submitted. However, he agreed to submit the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM before the start of the mining and also before obtaining consent to operate under Water Act, 1974 and Air Act, 1981 to Punjab Pollution Control Board(PPCB).

Query 2: Whether the transportation route in this case is through any village?

Reply 2 : The transportation route is not through any village.

Query 3: An amount of Rs 50,000/- proposed in the EMP for environment monitoring (Air, water and noise pollution) is not adequate and the same is required to be increased.

Reply 3: Environmental consultant of the promoter company agreed to increase the Environment monitoring cost as suggested by SEIAA and submitted an undertaking to the effect that Rs 2.0 lacs will be provided per year for Air, Water and Noise monitoring.

Query 4: SEAC has imposed a special condition that project proponent shall carry out mining only by the manual method whereas open Cast semi-mechanized Method of mining has been proposed in the presentation. Clarify?

Reply 4: Environmental consultant of the promoter company replied that they accept the condition imposed by the SEAC and the manpower required for the mining has been calculated considering the manual method of mining.

Query 5: To maintain the 50 m distance from the bank of canal tributary, project proponent is required to left some of the mining area near coordinate point B of the mining site.

Reply 5: The project proponent agreed with the observation of SEIAA and shall leave out area measuring 120 sqm around the coordinate point B (Part of Khasra No 35/19) of the site to maintain 50 m distance from the canal tributary in the North of mining site. The undated site plan submitted by the project proponent was taken on record by the SEIAA.

Query 6: The project Proponent shall submit the Site Specific Corporate Environmental Responsibility indicating the activity, amount to be spent and time schedule.

Reply 6: The project proponent submitted the revised proposal to spend Rs. 40,000 for the purpose of CER as per OM dated 01.05.2018 as under: -

| Sr. No. | Particulars | Amount (in Rs) | Schedule |
|---------|---|----------------|---|
| 1 | Project Proponent will install 1KW Solar power mini station at Government primary School, Village | 40,000/- | Work will be completed within one year from the |

| | | |
|---|---------|------------------------|
| Mandiwala, Tehsil GurharSahai District: Ferozepur(Punjab). | | date of grant of EC |
| Total | 40,000/ | |

Query 7 : SEIAA suggested that tree guard made of concrete should be used in place of tree guard made of Iron as theft of Iron made Tree Guards is very common.

Reply 7: Environmental consultant of the promoter company agreed with the suggestion of SEIAA and submitted an undertaking to the effect that tree guard made of concrete will be installed along with tree saplings.

During discussions, the representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC and amended by the SEIAA

The SEIAA observed that the case stands recommended by SEAC and the Committee has awarded 'Silver Grading' to the project proposal. The SEIAA looked into the details of the case and was satisfied with the same.

Therefore, the Authority decided to accept the recommendations of SEAC and grant Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land located in the revenue estate of village Mandiwala, Tehsil Guru Har Sahai, District Ferozepur, Punjab to M/s Prime Vision Industries Private Ltd., as per approved mining Plan with the manual method of mining only & subsequent presentation /clarifications made by the project proponent and his consultant, with proposed measures and following conditions as recommended by SEAC & certain amendments therein & agreed by the Project proponent:

Additional Condition

The project proponent shall leave out an area measuring 120 sqm. around the coordinate point B (Part of Khasra No 35/19) of the mining site to maintain 50 m distance from the Canal distributary in the North of mining site.

A. Specific conditions:

- 1) The environmental clearance will be valid for a period of seven years from the date of issuance or till the validity of the mining contract whichever is earlier, as per the provisions of the EIA Notification, 2006 as amended subsequently, for mining of minor minerals in the above said location and Khasra numbers.
- 2) The project proponent shall carry out mining only by the manual method.
- 3) Mining lease area shall be demarcated on the ground with pucca pillars and geo-referencing shall be done prior to start of mining.
- 4) The project proponent shall start mining only after geo-coordinates of the site are made available to the District Level Committee.

- 5) The project proponent shall submit a report on suitability of site for mining by the Sub-Divisional Committee headed by SDM to Punjab Pollution Control Board (PPCB) before start of the mining & obtaining consent to operate under Water Act, 1974 and Air Act, 1981.
- 6) The applicant shall also submit a copy of the demarcation report of the site duly certified by revenue officer not below the rank of Kanungo, to the Punjab Pollution Control Board, before obtaining consent to operate under Water Act, 1974 and Air Act, 1981.
- 7) The applicant shall also submit the consent of all the concerned landowner (s) of the site for carrying out the mining operation to Punjab Pollution Control Board, before obtaining the consent to operate under Water Act, 197 and Air Act, 1981.
- 8) Mining shall be as per the approved Development/Mining Plan prepared for this project and as per the Mines & Mineral (Development & Regulation) Act, 1957 and rules framed there under as amended from time to time, other Acts/rules related with mining of minor minerals.
- 9) The mining activity shall be carried out strictly as per guidelines contained in the Sustainable Sand Mining Management Guidelines 2016 and provisions made in the Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by MoEF&CC, New Delhi as amended from time to time and guidelines issued by Geological Survey of India.
- 10) The mining operation will be carried out only from sun-rise to sunset.
- 11) The project proponent shall obtain Consent to Establish and Consent to Operate from the Punjab Pollution Control Board and effectively implement all the conditions stipulated therein.
- 12) The Mining Officer shall observe the mining site after every 15 days and in case, a Schedule-I or Schedule-II species as per Wildlife Act or any rare or endangered species are reported, the Mining Officer will get a conservation plan prepared in consultation with the Department of Wildlife and ensure its implementation.
- 13) The mining of minor mineral (sand) shall be carried out only up to a depth of 3.0 m as proposed in the approved mining plan or one metre above the groundwater level, whichever is less.
- 14) The mining shall be carried out by the contractor/lessor as per the EMP prepared and development / mining plan prepared as per the Mines & Mineral (Development & Regulation) Act, 1957 / other Acts/Rules related with mining of minor minerals.
- 15) The Project Proponent and Mining Officer shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
- 16) The project proponent shall undertake plantation/afforestation work by planting the native species in the nearby area adjacent to mine lease.
- 17) The project proponent shall ensure that effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul

roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Ministry of Environment & Forests/Punjab Pollution Control Board in this regard.

- 18) The project proponent shall undertake adequate safeguard measures during extraction of sand and ensure that due to this activity, the hydro-geological and ecological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells, if any, and installing new piezometers during the mining operation.
- 19) The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to the District Mining Officer on monthly basis.
- 20) The periodic monitoring [(at least four times in a year- pre-monsoon (April May), monsoon (August), post-monsoon (November) and winter (January)); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office at Chandigarh, the Central Ground Water Authority, the Regional Director, Central Ground Water Board; SEIAA, Punjab and Punjab Pollution Control Board. If at any stage, it is observed that the groundwater table is getting depleted or rising due to the mining activity, necessary corrective measures shall be carried out.
- 21) The project proponent shall obtain necessary prior permission of the competent authorities/CGWA for drawl of requisite quantity of water (surface water and groundwater), if any, required for the project.
- 22) In case, mining site falls in the notified block declared by the CGWA, the project proponent shall obtain necessary prior permission for drawl of requisite quantity of water for domestic purposes from District Advisory Committee (DAC) and only treated waste water will be used for dust suppression activities.
- 23) The project proponent shall construct rain water recharging pits along with desilting chambers in the Govt. Primary School of the Mandiwala, Tehsil Guru Har Sahai, District Ferozepur. The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits. In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse.
- 24) The proponent shall plant 366 number of plants of native species of not less than 3 ft in size at the identified location in the village near to the mining site and protect the same with tree guards made of concrete. The proponent shall make adequate provision of funds and ensure maintenance of the plants for a further period of three years.
- 25) Appropriate mitigation measures shall be taken by the project proponent to prevent pollution at the mining site in consultation with the Punjab Pollution Control Board. It shall be ensured that there is no leakage of oil and grease at the mining site from the vehicles/mining equipment's used for transportation.

- 26) Vehicular emissions shall be kept under control and regularly monitored. The project proponent shall ensure that will not pass through any village. The transportation hours of mined material shall be restricted to non-peak hours only.
- 27) The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. All the public roads as well as approach roads shall be maintained and it shall be ensured that tippers carrying mined material are not loaded beyond the permissible load as per designed load bearing capacity of the road. Moreover, provision of sufficient funds shall be made in the budget for the proper maintenance of the roads.
- 28) Mineral handling area shall be provided with the adequate number of dust suppression systems. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
- 29) A First Aid Room shall be provided in the project both during construction and operations of the project.
- 30) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- 31) Provision shall be made for the housing of workers, if residing at site, within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. In case of non-residential/daily workers, provision of adequate bath rooms, mobile toilets, and mobile STP shall be made to avoid open defecation and treated domestic effluent shall be discharged onto land for plantation.
- 32) The municipal solid waste generated shall be disposed of as per Solid Waste Management Rules, 2016. Segregation of bio-degradable and non-biodegradable wastes shall be done at site and disposed of as per provisions of Solid Waste Management Rules. Dustbins will be provided at site and the workers will be guided to put the domestic waste and plastic carry bags etc. if any, in the dustbin. No littering will be permitted at the site as well as in the vicinity.
- 33) The critical parameters such as RSPM (Particulate matter with size less than 10 microns i.e., PM10) and NO in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH, Faecal Coliform and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009 issued by Ministry of Environment and Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.

- 34) The project proponent shall take all precautionary measures during mining operation for conservation and protection of rare and endangered flora & fauna found in the study area. Action plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab.
- 35) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility (CER). The project proponent shall adhere to the commitments made in the proposal for CER that an amount of Rs 40,000/- will be spent for installation of 1KW Solar Power Mini Station at Govt. Primary School of the Mandiwala, Tehsil Guru Har Sahai, District Ferozepur within 1st year of grant of environmental Clearance.
- 36) Vehicles hired to be used for transportation of mined material should be in good condition and should conform to applicable air and noise emission standards as provided in the Vehicular Act.
- 37) Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored.
- 38) The Risk assessment and disaster management plan should be prepared.
- 39) The project proponent shall submit the site plan showing the earmarked area for storage of mined material.
- 40) No mining operation shall be carried out at any point within 75 m of railway line, 60 m from national highway, 50 m from HT line/any public works/reservoirs, tanks/canal/public roads and buildings or inhabited or 10 m of outer edge of any village road. A safety barrier of 7.5m width shall be left intact around the mine lease boundary.
- 41) The project proponent shall ensure the implementation of the post closure mining plan as proposed by the project proponent in the mining plan.
- 42) The project proponent shall comply with the condition imposed by District Forest Officer (DFO) while granting NOC.
- 43) The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

B. General Conditions:

- 1) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forests & Climate Change.

- 2) No change in the calendar plan including excavation, quantum of mineral sand/gravel (minor mineral) and waste should be made.
- 3) Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM) and NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the Punjab Pollution Control Board.
- 4) Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM) & NO_x should be regularly submitted to the Ministry of Environment and Forests including its Regional office located at Chandigarh and the Punjab Pollution Control Board / Central Pollution Control Board once in six months and SEIAA, Punjab.
- 5) Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- 6) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- 7) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 8) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Chandigarh and SEIAA, Punjab.
- 9) The project proponent should inform to the Regional Office of the Ministry of Environment & Forests located at Chandigarh and SEIAA, Punjab regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- 10) The Regional Office of Ministry of Environment & Forests located at Chandigarh and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- 11) The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab. The proponent shall upload the status of compliance of the

environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab.

- 12) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ 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 on the website of the Company by the proponent.
- 13) The Project Proponent should display a copy of the clearance letter at the Regional office, District Industries Centre and the Collector's office/ Tehsildar's office.
- 14) The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the concerned Punjab 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 environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab by e-mail.
- 15) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility.
- 16) The project proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the Punjab Pollution Control Board and also at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of Ministry of Environment & Forests at Chandigarh and SEIAA, Punjab.
- 17) The Ministry of Environment, Forests & Climate Change and SEIAA, Punjab or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- 18) The SEIAA may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, it is found/ come to the knowledge of the SEIAA that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.
- 19) The project proponent shall get the micro chemical analysis of the mined material done from an approved laboratory once in a year and shall submit the analysis

results to the Ministry of Environment & Forests/Punjab Pollution Control Board and SEIAA, Punjab.

- 20) The project proponent shall ensure that the contractor shall engage people of local area for mining purpose as far as possible, so as to have opportunities of employment for them.
- 21) The project proponent may apply for transfer of environmental clearance under EIA notification dated 14.09.2006 to the other contractor finalized by the Department of Industries & Commerce to SEIAA, Punjab. However, no activity shall be undertaken by the contractor till the environmental clearance is transferred in his name and he is lawfully bound to comply with the conditions of the environmental clearance.
- 22) The monitoring of the mining project in respect of Environment Management shall be carried out by the State/District Level Environment Management Cells constituted by the Govt. of Punjab vide notifications dated 03.12.2012.
- 23) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under.

Item No: 170.04 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals On Agricultural Land in the village Chak Badhai, Tehsil & District Muktsar, Punjab submitted by M/s Prime Vision Industries Private Limited (Proposal No. SIA/PB/MIN/149058/2020).

The facts of the case are as under:

M/s Prime Vision Industries Private Limited has applied for obtaining TOR under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from Agricultural land in the revenue estate of **village Chak Badhai, Tehsil & District Muktsar, Punjab** on 16.03.2020. The project is covered under category 1 (a) of the Schedule appended to the said notification.

Further, on the basis of scrutiny of application, EDS was raised on 24.03. 2020 by SEIAA to which the project proponent replied on 20.06.2020 respectively. After considering the reply, the updated status of the documents attached with the application is as under: -

1.0 Status of documents attached with the application

(A) General

| | | |
|------|---|-------------------------------------|
| iii) | Name of Applicant & Correspondence address: | M/s Prime Vision Industries Pvt Ltd |
|------|---|-------------------------------------|

| | | |
|-----|--|--|
| | Mobile No: Email ID: | 312, Vishal Chamber P-1, Sector-18, Noida, Uttar Pradesh. 9646210786 Primevision.pb.ec@gmail.com |
| iv) | Name of Environmental Consultant Mobile No. Email ID | P and M solution 9910037943 Manasvyas23@gmail.com |

(B) Detail of the Documents

The project proponent submitted all the requisite documents as per the checklist of the mining case along with Form-02. The project proponent submitted a hard copy of the same, which was taken on record.

The case was considered by SEAC in its 192nd meeting held on 01.09.2020. The meeting was attended by the following through Video Conference on behalf of the project proponent:

- (i) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.
- (ii) Sh. Subhash Kumar, EIA Coordinator and Sh. Manas Vyas, FAE, M/s P & M Solutions, Noida, Environment Consultant of the promoter company.

SEAC allowed the project proponent to present the salient features of the project and the Environment Consultant of the promoter company presented the same as under:

| S.No. | Item | Details |
|-------|--|--|
| 1. | Online Proposal No. | SIA/PB/MIN/149058/2020 |
| 2. | Project Name & Location | CHAK BADHAI SAND MINING PROJECT AT HADBAST NO-113 VILLAGE- CHAK BADHAI, TEHSIL- MUKTSAR, DISTRICT- MUKTSAR, PUNJAB. |
| 3 | Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006 | 1(a) mining of mineral |
| 4 | Details of Mining Lease | |
| i) | Mineral (s) to be mined | Sand |
| ii) | Capacity of Mine | 24905.17 TPA |
| iii) | Mining Lease Area | Total area is 3.24 Ha |
| iv) | Details Letter of Intent (LOI)/E-Auction issued by the State Govt. | Reference No: 1709-10 Date of Issue: 09/07/2019 Memo No. MDM/Pb/E-Auction/2019 2231 Date of Issue: 30/05/2019 |

| | | | | |
|-----|--|---|---|-----------------|
| | | Provisional acceptance letter issued by departments of Mines and Geology Punjab Validity of LOI: Three years Mining Lease Area: 3.24 Ha. Mining Quantity: 24905.17 TPA | | |
| 5 | HadBast No. | 113 | | |
| 6 | Land Khasra No. & their consent details | | | |
| | Sr No | Type | Khasra No | Consent details |
| | 1 | Govt Land | | |
| | 2 | Private Land | [58//4/1(0-9),5/2(0-4), 4/2 (7-11), 5/1 (7-16), 6/1 (7-2), 6/2 (0-18), 7 (8-0), 14/2 (0-16), 15/2 (0-15), 14/1 (7-4), 15/1 (7-5)] [59//1(8-0), 10(8-0)] | Yes |
| 7. | Latitude & Longitude | | | |
| | Pillar | Latitude | Longitude | |
| | A | 30° 30'46.30"N | 74°24'46.40"E | |
| | B | 30° 30'51.90"N | 74°24'46.30"E | |
| | C | 30° 30'52.00"N | 74°24'53.80"E | |
| | D | 30° 30'48.30"N | 74°24'53.80"E | |
| | E | 30° 30'48.10"N | 74°24'51.30"E | |
| | F | 30° 30'46.20"N | 74°24'51.30"E | |
| 8 | Whether the project attracts the General Condition. | | No | |
| 9. | Does the project involves diversion of forest land.If yes, a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof | | No, Forest NOC issued by DFO Muktsar vide letter no 6325 dated 24.10.2019 | |
| 10 | Does the project fall within 10 km of eco-sensitive area/ National park/Wild Life Sanctuary? If yes, Status of NOC. If No, If No, submit documentary proof | | No, Nearest Harike WLS is located approximately 22.97 Km from the site. | |
| 11. | Land requirement for the project | | Prior to the project proposal | |
| | Sr No. | Ownership pattern | Area in Ha | |
| | i) | Forest Land | Nil | |

| | | | | |
|-----|---|---|----------------------|------------|
| | | ii) | Private land | 3.24 |
| | | iii) | Government land | Nil |
| | | iv) | Revenue land | Nil |
| | | v) | Other land | Nil |
| | | vi) | Total land | 3.24 |
| | | Present Land use Break Up | | |
| | | Sr No. | Land use | Area in Ha |
| | | i) | Agriculture Area | 3.24 |
| | | ii) | Waste/Barren Area | 0 |
| | | iii) | Settlement | 0 |
| | | iv) | Surface water Bodies | 0 |
| | | v) | Other(Specify) | 0 |
| 12. | Cost of the project | Rs. 21,58,531Lacs | | |
| 13. | Environmental Clearance. Fee details | Rs 6,480/- Submitted vide Receipt No. 4605 date 08.07.2020 | | |
| 14. | Details of Final District Survey Report | The final DSR has been forwarded by the DC, Ferozepur vide letter no. 728 dated 08.06.2020 to the Secretary-cum-Director Mining, Department of Mines and Geology, Punjab. | | |
| 15 | Details of visit report of Sub Divisional Level Committee | Recommendation: recommended for mining | | |
| 16 | Details of Mining Plan | Approved by :-State Geologist Approval Letter No: Glg/Pb/M.P./2020/148 Date of Approval: 14.02.2020 Approved Mining Lease Area:3.24 ha Approved Mining Quantity: 24905.17 TPA Depth of Mining (m):3.0m | | |
| 17 | Demarcation report of mining Site Appraisal Committee | Date of demarcation: 25.09.2019 Photographs submitted: Yes | | |
| 18. | Workers (when fully operational) | 15 Persons. | | |
| 19. | Water Requirements & source | Domestic: 0.3 KLD Dust Suppression:12.5 KLD Plantation: 0.14 KLD (for buffer area plantation around the site) Total:13.14 KLD | | |

| | | | | |
|-----|---|--|--------------------------|----------------------------|
| | | Ground water/Others: from nearby villages through tankers | | |
| 20. | Waste water generation, Treatment & its Disposal | a) Quantity of Waste water : Nil KLD b) Treatment Method: Portable toilets are proposed to be provided by the proponent in the mining site. After treatment will be disposed of plantation purpose. | | |
| 21. | Green Belt Development Plan including no. of trees to be planted & its species. | Tree cutting (if any) : Nil No of plant to be planted: 1068 Funds Allocated: : Rs 10,68,000 | | |
| 22. | Environment Management Plan along with Budgetary breakup and responsibility to implement | Prime Vision Industries Pvt Ltd. will be responsible for the implementation of EMP till the mining activities closed as per the mining plan. | | |
| | Sr. No. | Description | Capital Cost (Rs) | Recurring Cost (Rs) |
| | 1 | Pollution Control & Dust Suppression | Nil | 50,000 |
| | 2 | Pollution Monitoring i) Air pollution ii) Water Pollution iii) Noise Pollution | | |
| | 3 | Plantation and salary for one gardener (part time basis) | 10,68,000 | 5,34,000 |
| | 4 | Haul road Maintenance Cost | 6,25,000 | 3,12,500 |
| | | Total | 16,93,000 | 8,96,500 |
| 23 | CER activities along with budgetary break-up and responsibility to implement Directors of M/s. Prime Vision Industries Pvt Ltd will be responsible for the implementation of Corporate Environmental Responsibility (CER). As the project cost is Rs 1,34,40,593/- and Rs 45,000/- have been reserved for CER activities as per Office Memorandum of CER dated 01.05.2018 and will be spent on the followings: - | | | |
| | Sr. No. | Particulars | Amount (in Rs) | |
| | 1 | PP will install water solar pumps for villagers for use in irrigation. | Rs 25,000/- | |
| | 2 | PP will install solar lights at the location of villagers choice. | Rs 20,000/- | |

| | | | | | |
|--|--|--|--------------|--------------------|--|
| | | | Total | Rs 45,000/- | |
|--|--|--|--------------|--------------------|--|

SEAC asked the project proponent and his Environmental Consultant to clarify the following observations to which he replied as under: -

| Sr. No. | Observations | Reply submitted by the project proponent and his Environmental Consultant |
|----------------|--|--|
| 1. | The site falls in the notified area and the project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to District Mining Officer on monthly basis. | The project proponent agreed to the same. |
| 2. | The project proponent is required to plant trees of natives species having plant height more than 3 ft along with tree guard. | The project proponent agreed to the same. |
| 3. | The project proponent is required to submit an undertaking to the effect that the mining shall be carried out as per the approved Mining Plan and comply with the terms and conditions of the Department of Mines & Geology, Govt. of Punjab as issued from time to time. | The project proponent agreed to the same. |
| 4. | As per the condition no. 21 mentioned in the standard Environmental Conditions for sand mining as given in the Sustainable Sand Mining Management Guidelines, 2016, mining should begin only after the pucca pillar, marking the boundary of the leased area, is erected at the cost of the leaseholder after certification by the mining official and its geo-coordinates are made available to the District Level Committee and a condition to the same shall be imposed in the Environmental Clearance issued to the project proponent. | The project proponent agreed to the same. |
| 5. | The project proponent could not justify as to why the semi-mechanized mining | The project proponent agreed to the same. |

| | | |
|----|--|---|
| | is better for the environment as compared to manual mining. The Committee decided that the project proponent shall carry out mining only by manual method. | |
| 6. | The project proponent is required to submit the revised proposal for 25 labours instead of 15 labours as mentioned in the proposal. The recharging proposal shall also be revised accordingly. | The project proponent agreed to the same. |

SEAC was satisfied with the presentation and reply given to the observation. SEAC took a copy of the presentation along with a reply on record.

After deliberations, SEAC decided to award silver grading to the project and forward the application of the project proponent to SEIAA with the recommendations to grant Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land located in the revenue estate of village Chak Badhai, Tehsil & District Muktsar, Punjab submitted by M/s Prime Vision Industries Pvt. Ltd. as per Annexure-1 along with the following additional conditions:

1. The project proponent shall carry out mining only by the manual method.
2. The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to District Mining Officer on monthly basis.
3. The project proponent shall begin mining only after pucca pillar marking, the boundary of lease area is erected at the cost of the lease holder after certification by the mining official and its geo- coordinates are made available to the District Level Committee.
4. The proponent shall plant 1068 number of plants of native species of not less than 3 ft in size at the identified location and protect the same with tree guards. The proponent shall make adequate provision of funds and ensure maintenance of the plants for a further period of three years.
5. The project proponent shall construct rain water harvesting pits along with desilting chambers in the Govt. Primary School of the village Chak Badhai, Tehsil & Distt- Muktsar. The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits.
6. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the

commitments made in the proposal for CER activities for spending at least a minimum amount of Rs. 45,000/- towards the following activities:

| Sr. No. | Particulars | Amount (in Rs) |
|----------------|--|-----------------------|
| 1 | PP will install water solar pumps for villagers for use in irrigation. | Rs 25,000/- |
| 2 | PP will install solar lights at the location of villagers choice. | Rs 20,000/- |
| | Total | Rs 45,000/- |

3.0 Deliberations during 170th meeting of SEIAA held on 16.09.2020

The case was placed before SEIAA in its 170th meeting held on 16.09.2020 and the same was attended by the following through video conference: -

- (i) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.
- (ii) Sh. Subhash Kumar, EIA Coordinator and Sh. Manas Vyas, FAE, M/s P & M Solutions, Noida, Environment Consultant of the promoter company.

Environmental Consultant of the Promoter company presented the salient feature of the project and submitted a copy of the presentation, which was taken on record by the SEIAA.

SEIAA raised certain queries to which the environmental consultant of the promoter company replies as under: -

Query 1: As to whether the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM has been submitted in this case.

Reply 1: The PP informed that instead a report from the Site Appraisal Committee (SAC) has been submitted. However, he agreed to submit the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM before the start of the mining and also before obtaining consent to operate under Water Act, 1974 and Air Act, 1981 to Punjab Pollution Control Board(PPCB).

Query 2: Whether the transportation route in this case is through any village?

Reply 2 : The transportation route is not through any village.

Query 3: An amount of Rs 50,000/- proposed in the EMP for environment monitoring (Air, water and noise pollution) is not adequate and the same is required to be increased.

Reply 3: Environmental consultant of the promoter company agreed to increase the Environment monitoring cost as suggested by SEIAA and submitted an undertaking to the effect that Rs 2.0 lacs will be provided per year for Air, Water and Noise monitoring.

Query 4: SEAC has imposed a special condition that project proponent shall carry out mining only by the manual method whereas open Cast semi-mechanized Method of mining has been proposed in the presentation. Clarify?

Reply 4: Environmental consultant of the promoter company replied that they accept the condition imposed by the SEAC and the manpower required for the mining has been calculated considering the manual method of mining.

Query 5: The project Proponent shall submit the Site Specific Corporate Environmental Responsibility indicating the activity, amount to be spent and time schedule.

Reply 5: The project proponent submitted the revised proposal to spend Rs. 40,000 for the purpose of CER as per OM dated 01.05.2018 as under: -

| Sr. No. | Particulars | Amount (in Rs) | Schedule |
|---------|--|----------------|---|
| 1 | Project Proponent will install 1KW Solar power mini station at Government primary School, Village Chak Badhai, Tehsil & District Mukatsar, Punjab. | 40,000/- | Work will be completed within one year from the date of grant of EC |
| Total | | 40,000/ | |

Query 6 : SEIAA suggested that tree guard made of concrete should be used in place of tree guard made of Iron as theft of Iron made Tree Guards is very common.

Reply 6: Environmental consultant of the promoter company agreed with the suggestion of SEIAA and submitted an undertaking to the effect that tree guard made of concrete will be installed along with tree saplings.

During discussions, the representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC and amended by the SEIAA

The SEIAA observed that the case stands recommended by SEAC and the Committee has awarded 'Silver Grading' to the project proposal. The SEIAA looked into the details of the case and was satisfied with the same.

Therefore, the Authority decided to accept the recommendations of SEAC and grant Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land

located in the revenue estate of village Village Chak Badhai, Tehsil & District Mukatsar, Punjab to M/s Prime Vision Industries Private Ltd., as per approved mining Plan with the manual method of mining only & subsequent presentation /clarifications made by the project proponent and his consultant, with proposed measures and following conditions as recommended by SEAC & certain amendments therein & agreed by the Project proponent:

A. Specific conditions:

- 1) The environmental clearance will be valid for a period of seven years from the date of issuance or till the validity of the mining contract whichever is earlier, as per the provisions of the EIA Notification, 2006 as amended subsequently, for mining of minor minerals in the above said location and Khasra numbers.
- 2) The project proponent shall carry out mining only by the manual method.
- 3) Mining lease area shall be demarcated on the ground with pucca pillars and geo-referencing shall be done prior to start of mining.
- 4) The project proponent shall start mining only after geo-coordinates of the site are made available to the District Level Committee.
- 5) Sub-Divisional Committee headed by SDM to Punjab Pollution Control Board (PPCB) before start of the mining & obtaining consent to operate under Water Act, 1974 and Air Act, 1981.
- 6) The applicant shall also submit a copy of the demarcation report of the site duly certified by revenue officer not below the rank of Kanungo, to the Punjab Pollution Control Board, before obtaining consent to operate under Water Act, 1974 and Air Act, 1981.
- 7) The project proponent shall submit a report on suitability of site for mining by the
- 8) The applicant shall also submit the consent of all the concerned landowner (s) of the site for carrying out the mining operation to Punjab Pollution Control Board, before obtaining the consent to operate under Water Act, 197 and Air Act, 1981.
- 9) Mining shall be as per the approved Development/Mining Plan prepared for this project and as per the Mines & Mineral (Development & Regulation) Act, 1957 and rules framed there under as amended from time to time, other Acts/rules related with mining of minor minerals.
- 10) The mining activity shall be carried out strictly as per guidelines contained in the Sustainable Sand Mining Management Guidelines 2016 and provisions made in the Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by MoEF&CC, New Delhi as amended from time to time and guidelines issued by Geological Survey of India.
- 11) The mining operation will be carried out only from sun-rise to sunset.

- 12) The project proponent shall obtain Consent to Establish and Consent to Operate from the Punjab Pollution Control Board and effectively implement all the conditions stipulated therein.
- 13) The Mining Officer shall observe the mining site after every 15 days and in case, a Schedule-I or Schedule-II species as per Wildlife Act or any rare or endangered species are reported, the Mining Officer will get a conservation plan prepared in consultation with the Department of Wildlife and ensure its implementation.
- 14) The mining of minor mineral (sand) shall be carried out only up to a depth of 3.0 m as proposed in the approved mining plan or one metre above the groundwater level, whichever is less.
- 15) The mining shall be carried out by the contractor/lessor as per the EMP prepared and development / mining plan prepared as per the Mines & Mineral (Development & Regulation) Act, 1957 / other Acts/Rules related with mining of minor minerals.
- 16) The Project Proponent and Mining Officer shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
- 17) The project proponent shall undertake plantation/afforestation work by planting the native species in the nearby area adjacent to mine lease.
- 18) The project proponent shall ensure that effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Ministry of Environment & Forests/Punjab Pollution Control Board in this regard.
- 19) The project proponent shall undertake adequate safeguard measures during extraction of sand and ensure that due to this activity, the hydro-geological and ecological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells, if any, and installing new piezometers during the mining operation.
- 20) The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to the District Mining Officer on monthly basis.
- 21) The periodic monitoring [(at least four times in a year- pre-monsoon (April May), monsoon (August), post-monsoon (November) and winter (January)); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office at Chandigarh, the Central Ground Water Authority, the Regional Director, Central Ground Water Board; SEIAA, Punjab and Punjab Pollution Control Board. If at any stage, it is observed that the groundwater table is getting depleted or rising due to the mining activity, necessary corrective measures shall be carried out.

- 22) The project proponent shall obtain necessary prior permission of the competent authorities/CGWA for drawl of requisite quantity of water (surface water and groundwater), if any, required for the project.
- 23) In case, mining site falls in the notified block declared by the CGWA, the project proponent shall obtain necessary prior permission for drawl of requisite quantity of water for domestic purposes from District Advisory Committee (DAC) and only treated waste water will be used for dust suppression activities.
- 24) The project proponent shall construct rain water recharging pits along with desilting chambers in the Govt. Primary School of Village Chak Badhai, Tehsil & District Mukatsar, Punjab. The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits. In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse.
- 25) The proponent shall plant 1068 number of plants of native species of not less than 3 ft in size at the identified location in the village near to the mining site and protect the same with tree guards made of concrete. The proponent shall make adequate provision of funds and ensure maintenance of the plants for a further period of three years.
- 26) Appropriate mitigation measures shall be taken by the project proponent to prevent pollution at the mining site in consultation with the Punjab Pollution Control Board. It shall be ensured that there is no leakage of oil and grease at the mining site from the vehicles/mining equipment's used for transportation.
- 27) Vehicular emissions shall be kept under control and regularly monitored. The project proponent shall ensure that will not pass through any village. The transportation hours of mined material shall be restricted to non-peak hours only.
- 28) The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. All the public roads as well as approach roads shall be maintained and it shall be ensured that tippers carrying mined material are not loaded beyond the permissible load as per designed load bearing capacity of the road. Moreover, provision of sufficient funds shall be made in the budget for the proper maintenance of the roads.
- 29) Mineral handling area shall be provided with the adequate number of dust suppression systems. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
- 30) A First Aid Room shall be provided in the project both during construction and operations of the project.
- 31) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- 32) Provision shall be made for the housing of workers, if residing at site, within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The

housing may be in the form of temporary structures to be removed after the completion of the project. In case of non-residential/daily workers, provision of adequate bath rooms, mobile toilets, and mobile STP shall be made to avoid open defecation and treated domestic effluent shall be discharged onto land for plantation.

- 33) The municipal solid waste generated shall be disposed of as per Solid Waste Management Rules, 2016. Segregation of bio-degradable and non-biodegradable wastes shall be done at site and disposed of as per provisions of Solid Waste Management Rules. Dustbins will be provided at site and the workers will be guided to put the domestic waste and plastic carry bags etc. if any, in the dustbin. No littering will be permitted at the site as well as in the vicinity.
- 34) The critical parameters such as RSPM (Particulate matter with size less than 10 microns i.e., PM10) and NO in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH, Faecal Coliform and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009 issued by Ministry of Environment and Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.
- 35) The project proponent shall take all precautionary measures during mining operation for conservation and protection of rare and endangered flora & fauna found in the study area. Action plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab.
- 36) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility (CER). The project proponent shall adhere to the commitments made in the proposal for CER that an amount of Rs 40,000/- will be spent for installation of 1KW Solar Power Mini Station at Govt. Primary School of Village Chak Badhai, Tehsil & District Mukatsar, Punjab within 1st year of grant of environmental Clearance.
- 37) Vehicles hired to be used for transportation of mined material should be in good condition and should conform to applicable air and noise emission standards as provided in the Vehicular Act.
- 38) Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored.

- 39) The Risk assessment and disaster management plan should be prepared.
- 40) The project proponent shall submit the site plan showing the earmarked area for storage of mined material.
- 41) No mining operation shall be carried out at any point within 75 m of railway line, 60 m from national highway, 50 m from HT line/any public works/reservoirs, tanks/canal/public roads and buildings or inhabited or 10 m of outer edge of any village road. A safety barrier of 7.5m width shall be left intact around the mine lease boundary.
- 42) The project proponent shall ensure the implementation of the post closure mining plan as proposed by the project proponent in the mining plan.
- 43) The project proponent shall comply with the condition imposed by District Forest Officer (DFO) while granting NOC.
- 44) The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

B. General Conditions:

- 1) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forests & Climate Change.
- 2) No change in the calendar plan including excavation, quantum of mineral sand/gravel (minor mineral) and waste should be made.
- 3) Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM) and NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the Punjab Pollution Control Board.
- 4) Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM) & NO_x should be regularly submitted to the Ministry of Environment and Forests including its Regional office located at Chandigarh and the Punjab Pollution Control Board / Central Pollution Control Board once in six months and SEIAA, Punjab.
- 5) Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- 6) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

- 7) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 8) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Chandigarh and SEIAA, Punjab.
- 9) The project proponent should inform to the Regional Office of the Ministry of Environment & Forests located at Chandigarh and SEIAA, Punjab regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- 10) The Regional Office of Ministry of Environment & Forests located at Chandigarh and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- 11) The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab.
- 12) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ 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 on the website of the Company by the proponent.
- 13) The Project Proponent should display a copy of the clearance letter at the Regional office, District Industries Centre and the Collector's office/ Tehsildar's office.
- 14) The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the concerned Punjab 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 environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab by e-mail.
- 15) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding

Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility.

- 16) The project proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the Punjab Pollution Control Board and also at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of Ministry of Environment & Forests at Chandigarh and SEIAA, Punjab.
- 17) The Ministry of Environment, Forests & Climate Change and SEIAA, Punjab or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- 18) The SEIAA may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, it is found/ come to the knowledge of the SEIAA that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.
- 19) The project proponent shall get the micro chemical analysis of the mined material done from an approved laboratory once in a year and shall submit the analysis results to the Ministry of Environment & Forests/Punjab Pollution Control Board and SEIAA, Punjab.
- 20) The project proponent shall ensure that the contractor shall engage people of local area for mining purpose as far as possible, so as to have opportunities of employment for them.
- 21) The project proponent may apply for transfer of environmental clearance under EIA notification dated 14.09.2006 to the other contractor finalized by the Department of Industries & Commerce to SEIAA, Punjab. However, no activity shall be undertaken by the contractor till the environmental clearance is transferred in his name and he is lawfully bound to comply with the conditions of the environmental clearance.
- 22) The monitoring of the mining project in respect of Environment Management shall be carried out by the State/District Level Environment Management Cells constituted by the Govt. of Punjab vide notifications dated 03.12.2012.
- 23) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under.

Item No: 170.05 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals On Agricultural Land in the village Talli Saida Sahu, Tehsil & District Ferozepur, Punjab submitted by M/s Prime Vision Industries Private Limited (Proposal No. SIA/PB/MIN/149028/2020)

SEAC observed as under:

M/s Prime Vision Industries Private Limited has applied for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from Agricultural land in the revenue estate of **village Talli Saida Sahu, Tehsil & District Ferozepur, Punjab** on 15.03.2020. The project is covered under category 1 (a) of the Schedule appended to the said notification.

Further, on the basis of scrutiny of application, EDS was raised on 25.03.2020,07.06.2020 & 14.06.2020 by SEIAA to which the project proponent replied on 06.06.2020 ,11.06.2020 & 21.06.2020 respectively. After considering the reply, updated status of the documents attached with the application is as under: -

1.0 Status of documents attached with the application

(A) General

| | | |
|-----|--|--|
| i) | Name of Applicant & Correspondence address: Mobile No: Email ID: | M/s Prime Vision Industries Pvt Ltd 312, Vishal Chamber P-1, Sector-18, Noida, Uttar Pradesh. 9646210786 Primevision.pb.ec@gmail.com |
| ii) | Name of Environmental Consultant Mobile No. Email ID | P and M solution 9910037943 Manasvyas23@gmail.com |

(B) Detail of the Documents

The project proponent submitted all the requisite documents as per the checklist of the mining case along with Form-02. The project proponent submitted a hard copy of the same, which was taken on record.

The case was considered by SEAC in its 192nd meeting held on 01.09.2020. The meeting was attended by the following through Video Conference on behalf of the project proponent:

- (i) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.

- (ii) Sh. Subhash Kumar, EIA Coordinator and Sh. Manas Vyas, FAE, M/s P & M Solutions, Noida, Environment Consultant of the promoter company.

SEAC allowed the project proponent to present the salient features of the project and the Environment Consultant of the promoter company presented the same as under:

| S.No. | Item | Details | | |
|-------|---|--|--|--------------------|
| 1. | Online Proposal No. | SIA/PB/MIN/149028/2020 | | |
| 2. | Project Name & Location | Sand Mining Project at at Hadbast No-28, at Village– Talli Saida Sahu Tehsil- Ferozepur, District-Ferozepur. Punjab. | | |
| 3 | Project/activity covered under item of scheduled to the EIA Notification,14.09.2006 | 1(a) mining of mineral | | |
| 4 | Details of Mining Lease | | | |
| i) | Mineral (s) to be mined | Sand | | |
| ii) | Capacity of Mine | 8429.68 TPA | | |
| iii) | Mining Lease Area | Total area is 1.21 Ha | | |
| iv) | Details Letter of Intent (LOI)/E-Auction issued by the State Govt. | Reference No: 1709-10 Date of Issue: 09/07/2019 Provisional acceptance letter issued by departments of Mines and Geology Punjab Validity of LOI: Three years Mining Lease Area: 1.21 Ha. Mining Quantity: 8429.68 TPA | | |
| 5 | HadBast No. | 28 | | |
| 6 | Land Khasra No. & their consent details | | | |
| | Sr No | Type | Khasra No | Consent details |
| | 1 | Govt Land | | |
| | 2 | Private Land | 45//7 (8-0), 8 (8-0), 9/1 (4-0), 10/1 (4-0) | Yes Page 204 |
| 7. | Latitude & Longitude | | | |
| | Sr. No | Pillar No | Latitude N | Longitude E |
| | 1 | A | 31° 0'28.30" | 74°43'46.11" |
| | 2 | B | 31° 0'29.31" | 74°43'46.13" |
| | 3 | C | 31° 0'29.43" | 74°43'56.02" |
| | 4 | D | 31° 0'27.40" | 74°43'56.15" |
| | 5 | E | 31°0'27.42" | 74°43'51.05" |
| | 6 | F | 31° 0'28.41" | 74°43'51.10" |

| 8 | Whether the project attracts the General Condition. | No | | | | | | | | | | | | | | | | | | | | | |
|------|--|--|-------------------|-------------------|------------|----|------------------|------|-----|-------------------|------|------|-----------------|-----|-----|----------------------|-----|----|-----------------|-----|-----|------------|------|
| 9. | Does the project involves diversion of forest land.If yes, a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof | No, Forest NOC issued by DFO Ferozpur vide letter no 7676 dated 28.02.2020 | | | | | | | | | | | | | | | | | | | | | |
| 10 | Does the project fall within 10 km of eco-sensitive area/ National park/Wild Life Sanctuary? If yes, Status of NOC. If No, If No, submit documentary proof | No | | | | | | | | | | | | | | | | | | | | | |
| 11. | Land requirement for the project | Prior to the project proposal | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Sr No.</th> <th>Ownership pattern</th> <th>Area in Ha</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>Forest Land</td> <td>Nil</td> </tr> <tr> <td>ii)</td> <td>Private land</td> <td>1.21</td> </tr> <tr> <td>iii)</td> <td>Government land</td> <td>Nil</td> </tr> <tr> <td>iv)</td> <td>Revenue land</td> <td>Nil</td> </tr> <tr> <td>v)</td> <td>Other land</td> <td>Nil</td> </tr> <tr> <td>vi)</td> <td>Total land</td> <td>1.21</td> </tr> </tbody> </table> | Sr No. | Ownership pattern | Area in Ha | i) | Forest Land | Nil | ii) | Private land | 1.21 | iii) | Government land | Nil | iv) | Revenue land | Nil | v) | Other land | Nil | vi) | Total land | 1.21 |
| | | Sr No. | Ownership pattern | Area in Ha | | | | | | | | | | | | | | | | | | | |
| | | i) | Forest Land | Nil | | | | | | | | | | | | | | | | | | | |
| | | ii) | Private land | 1.21 | | | | | | | | | | | | | | | | | | | |
| | | iii) | Government land | Nil | | | | | | | | | | | | | | | | | | | |
| | | iv) | Revenue land | Nil | | | | | | | | | | | | | | | | | | | |
| | | v) | Other land | Nil | | | | | | | | | | | | | | | | | | | |
| | | vi) | Total land | 1.21 | | | | | | | | | | | | | | | | | | | |
| | | Present Land use Break Up | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Sr No.</th> <th>Land use</th> <th>Area in Ha</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>Agriculture Area</td> <td>1.21</td> </tr> <tr> <td>ii)</td> <td>Waste/Barren Area</td> <td>0</td> </tr> <tr> <td>iii)</td> <td>Settlement</td> <td>0</td> </tr> <tr> <td>iv)</td> <td>Surface water Bodies</td> <td>0</td> </tr> <tr> <td>v)</td> <td>Other(Specify)</td> <td>0</td> </tr> </tbody> </table> | Sr No. | Land use | Area in Ha | i) | Agriculture Area | 1.21 | ii) | Waste/Barren Area | 0 | iii) | Settlement | 0 | iv) | Surface water Bodies | 0 | v) | Other(Specify) | 0 | | | |
| | | Sr No. | Land use | Area in Ha | | | | | | | | | | | | | | | | | | | |
| | | i) | Agriculture Area | 1.21 | | | | | | | | | | | | | | | | | | | |
| ii) | Waste/Barren Area | 0 | | | | | | | | | | | | | | | | | | | | | |
| iii) | Settlement | 0 | | | | | | | | | | | | | | | | | | | | | |
| iv) | Surface water Bodies | 0 | | | | | | | | | | | | | | | | | | | | | |
| v) | Other(Specify) | 0 | | | | | | | | | | | | | | | | | | | | | |
| 12. | Cost of the project | Rs. 71,66,800/- | | | | | | | | | | | | | | | | | | | | | |
| 13. | Details of Final District Survey Report | The final DSR has been forwarded by the DC, Ferozpur vide letter no. 728 dated 08.06.2020 to the Secretary-cum-Director Mining, Department of Mines and Geology, Punjab. | | | | | | | | | | | | | | | | | | | | | |
| 14 | Details of visit report of Sub Divisional Level Committee | Date of visit: - 08.09.2017 Recommendation: recommended for mining | | | | | | | | | | | | | | | | | | | | | |

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|-----|--|--|------------------------------|--------------------------------|
| 15 | Details of Mining Plan | Approved by :-State Geologist Approval Letter No: Glg/Pb/M.P./2020/88 dated:07.02.2020 Date of Approval: 07.02.2020 Approved Mining Lease Area:1.21 Approved Mining Quantity: 8429.68 TPA Depth of Mining (m):3.0m | | |
| 16 | Demarcation report of mining site | Date of demarcation: 19.11.2019 Photographs submitted: Yes | | |
| 17. | Workers (when fully operational) | 15 Persons. | | |
| 18. | Water Requirements & source | Domestic: 0.30 KLD Dust Suppression:7.6 KLD Plantation:0.12 KLD Total:8.22 KLD Ground water/Others: from nearby villages through tankers | | |
| 19. | Waste water generation, Treatment & its Disposal | a) Quantity of Waste water : Nil KLD b) Treatment Method: Portable toilets are proposed to be provided by the proponent in the mining site. After treatment will be disposed of plantation purpose. | | |
| 20. | Green Belt Development Plan including no. of trees to be planted & its species. | Tree cutting (if any) : Nil No of plant to be planted: 399 Funds Allocated: : Rs 3,99,000/- | | |
| 21. | Environment Management Plan along with Budgetary breakup and responsibility to implement | Prime Vision Industries Pvt Ltd. will be responsible for the implementation of EMP till the mining activities closed as per the mining plan. | | |
| | Sr. No. | Description | Capital Cost (Rs) | Recurring Cost (Rs) |
| | 1 | Pollution Control & Dust Suppression | Nil | 50,000 |
| | 2 | Pollution Monitoring i) Air pollution ii) Water Pollution iii) Noise Pollution | | |

| | | | | |
|----|--|--|-----------------------|-----------------|
| | 3 | Plantation and salary for one gardener (part time basis) | 3,99,000 | 1,99,500 |
| | 4 | Haul road Maintenance Cost | 1,90,000 | 95,000 |
| | Total | | 5,89,000 | 3,44,500 |
| 22 | CER activities along with budgetary break-up and responsibility to implement Directors of M/s. Prime Vision Industries Pvt Ltd will be responsible for the implementation of Corporate Environmental Responsibility (CER). As the project cost is Rs 71,66,800/- and Rs 15,000/- have been reserved for CER activities as per Office Memorandum of CER dated 01.05.2018. It was proposed to spent on the followings: - | | | |
| | Sr. No. | Particulars | Amount (in Rs) | |
| | 1 | PP will install solar lights either at Gram Panchayat office or at any location as may be suggested by the villagers | Rs 15,000/- | |
| | | Total | Rs 15,000/- | |

SEAC asked the project proponent and his Environmental Consultant to clarify the following observations to which he replied as under: -

| Sr. No. | Observations | Reply submitted by the project proponent and his Environmental Consultant |
|----------------|---|--|
| 1. | The site falls in the notified area and the project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to District Mining Officer on monthly basis. | The project proponent agreed to the same. |
| 2. | The project proponent is required to plant trees of natives species having plant height more than 3 ft along with tree guard. | The project proponent agreed to the same. |
| 3. | The project proponent is required to submit an undertaking to the effect that the mining shall be carried out as per the approved Mining Plan and | The project proponent agreed to the same. |

| | | |
|----|--|---|
| | comply with the terms and conditions of the Department of Mines & Geology, Govt. of Punjab as issued from time to time. | |
| 4. | As per the condition no. 21 mentioned in the standard Environmental Conditions for sand mining as given in the Sustainable Sand Mining Management Guidelines, 2016, mining should begin only after pucca pillar, marking the boundary of lease area, is erected at the cost of the lease holder after certification by the mining official and its geo-coordinates are made available to the District Level Committee and a condition to the same shall be imposed in the Environmental Clearance issued to the project proponent. | The project proponent agreed to the same. |
| 5. | The project proponent could not justify as to why the semi-mechanized mining is better for the environment as compared to manual mining. The Committee decided that the project proponent shall carry out mining only by manual method. | The project proponent agreed to the same. |

SEAC was satisfied with the presentation and reply given to the observation. SEAC took a copy of the presentation along with a reply on record.

After deliberations, SEAC decided to award silver grading to the project and forward the application of the project proponent to SEIAA with the recommendations to grant Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land located in the revenue estate of village Talli Saida Sahu, Tehsil & District Ferozepur, Punjab submitted by M/s Prime Vision Industries Pvt. Ltd. as per Annexure-1 along with the following additional conditions:

1. The project proponent shall carry out mining only by the manual method.
2. The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to District Mining Officer on monthly basis.

3. The project proponent shall begin mining only after pucca pillar marking, the boundary of lease area is erected at the cost of the lease holder after certification by the mining official and its geo- coordinates are made available to the District Level Committee.
4. The proponent shall plant 399 number of plants of native species of not less than 3 ft in size at the identified location and protect the same with tree guards. The proponent shall make adequate provision of funds and ensure maintenance of the plants for a further period of three years.
5. The project proponent shall construct rain water harvesting pits along with desilting chambers in the Govt. Primary School of the village Talli Saida Sahu, Tehsil & District Ferozepur. The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits.
6. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least a minimum amount of Rs. 15,000/- towards the following activities:

| Sr. No. | Particulars | Amount (in Rs) |
|----------------|--|-----------------------|
| 1 | PP will install solar lights either at Gram Panchayat office or at any location as may be suggested by the villagers | Rs 15,000/- |
| Total | | Rs 15,000/ |

3.0 Deliberations during 170th meeting of SEIAA held on 16.09.2020

The case was placed before SEIAA in its 170th meeting held on 16.09.2020 and the same was attended by the following through video conference: -

- (i) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.
- (ii) Sh. Subhash Kumar, EIA Coordinator and Sh. Manas Vyas, FAE, M/s P & M Solutions, Noida, Environment Consultant of the promoter company.

Environmental Consultant of the Promoter company presented the salient feature of the project and submitted a copy of the presentation, which was taken on record by the SEIAA.

SEIAA raised certain queries to which the environmental consultant of the promoter company replies as under: -

- Query 1:** As to whether the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM has been submitted in this case.
- Reply 1:** The PP informed that instead a report from the Site Appraisal Committee (SAC) has been submitted. However, he agreed to submit the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM before the start of the mining and also before obtaining consent to operate under Water Act, 1974 and Air Act, 1981 to Punjab Pollution Control Board(PPCB).
- Query 2:** Whether the transportation route in this case is through any village?
- Reply 2 :** The transportation route is not through any village.
- Query 3:** An amount of Rs 50,000/- proposed in the EMP for environment monitoring (Air, water and noise pollution) is not adequate and the same is required to be increased.
- Reply 3:** Environmental consultant of the promoter company agreed to increase the Environment monitoring cost as suggested by SEIAA and submitted an undertaking to the effect that Rs 2.0 lacs will be provided per year for Air, Water and Noise monitoring.
- Query 4:** SEAC has imposed a special condition that project proponent shall carry out mining only by the manual method whereas open Cast semi-mechanized Method of mining has been proposed in the presentation. Clarify?
- Reply 4:** Environmental consultant of the promoter company replied that they accept the condition imposed by the SEAC and the manpower required for the mining has been calculated considering the manual method of mining.
- Query 5:** Land bearing Khasra No 45/7, 8 is mortgaged with the Bank. Clarify the status of approval from the bank.
- Reply 5:** The Loan taken by Shri Rattan Singh for his Land was closed and a certificate issued by the bank for the same was submitted, which was taken on record.
- Query 6:** In the section no 10 of online Form regarding details of Topsoil Management, no quantity of soil was shown, Clarify?
- Reply 6 :** A total of 8167.5 Tons of top soil shall be preserved during the mining operation and the same shall be spread over the mine area after the mining operation is completed.
- Query 7:** In the section no 16 of online Form regarding Waste Water Management (During Operation), discharge of waste water was shown "discharge into sea water body", Clarify?
- Reply 7:** In the Section 16 of the online application submitted by the PP "Discharge into Seawater Body" is a drop down option of the application and has been erroneously selected. Same information has been correctly submitted in the hard copy submitted.
- Query 8:** The project Proponent shall submit the Site Specific Corporate Environmental Responsibility indicating the activity, amount to be spent and time schedule.

Reply 8 : The project proponent submitted the revised proposal to spend Rs. 40,000 for the purpose of CER as per OM dated 01.05.2018 as under: -

| Sr. No. | Particulars | Amount (in Rs) | Schedule |
|---------|--|----------------|---|
| 1 | Project Proponent will install 1KW Solar power mini station at Government primary School, Village Tali Saida Sahu, Tehsil & District: Ferozepur(Punjab). | 40,000/- | Work will be completed within one year from the date of grant of EC |
| Total | | 40,000/ | |

Query 9 : SEIAA suggested that tree guard made of concrete should be used in place of tree guard made of Iron as theft of Iron made Tree Guards is very common.

Reply 9: Environmental consultant of the promoter company agreed with the suggestion of SEIAA and submitted an undertaking to the effect that tree guard made of concrete will be installed along with tree saplings.

During discussions, the representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC and amended by the SEIAA

The SEIAA observed that the case stands recommended by SEAC and the Committee has awarded 'Silver Grading' to the project proposal. The SEIAA looked into the details of the case and was satisfied with the same.

Therefore, the Authority decided to accept the recommendations of SEAC and grant Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land located in the revenue estate of village Talli Saida Sahu, Tehsil & District Ferozepur, Punjab to M/s Prime Vision Industries Private Ltd., as per approved mining Plan with the manual method of mining only & subsequent presentation /clarifications made by the project proponent and his consultant, with proposed measures and following conditions as recommended by SEAC & certain amendments therein & agreed by the Project proponent:

A. Specific conditions:

- 1) The environmental clearance will be valid for a period of seven years from the date of issuance or till the validity of the mining contract whichever is earlier, as per the provisions of the EIA Notification, 2006 as amended subsequently, for mining of minor minerals in the above said location and Khasra numbers.
- 2) The project proponent shall carry out mining only by the manual method.
- 3) Mining lease area shall be demarcated on the ground with pucca pillars and geo-referencing shall be done prior to start of mining.

- 4) The project proponent shall start mining only after geo-coordinates of the site are made available to the District Level Committee.
- 5) The project proponent shall submit a report on suitability of site for mining by the Sub-Divisional Committee headed by SDM to Punjab Pollution Control Board (PPCB) before start of the mining & obtaining consent to operate under Water Act, 1974 and Air Act, 1981.
- 6) The applicant shall also submit a copy of the demarcation report of the site duly certified by revenue officer not below the rank of Kanungo, to the Punjab Pollution Control Board, before obtaining consent to operate under Water Act, 1974 and Air Act, 1981.
- 7) The applicant shall also submit the consent of all the concerned landowner (s) of the site for carrying out the mining operation to Punjab Pollution Control Board, before obtaining the consent to operate under Water Act, 197 and Air Act, 1981.
- 8) Mining shall be as per the approved Development/Mining Plan prepared for this project and as per the Mines & Mineral (Development & Regulation) Act, 1957 and rules framed there under as amended from time to time, other Acts/rules related with mining of minor minerals.
- 9) The mining activity shall be carried out strictly as per guidelines contained in the Sustainable Sand Mining Management Guidelines 2016 and provisions made in the Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by MoEF&CC, New Delhi as amended from time to time and guidelines issued by Geological Survey of India.
- 10) The mining operation will be carried out only from sun-rise to sunset.
- 11) The project proponent shall obtain Consent to Establish and Consent to Operate from the Punjab Pollution Control Board and effectively implement all the conditions stipulated therein.
- 12) The Mining Officer shall observe the mining site after every 15 days and in case, a Schedule-I or Schedule-II species as per Wildlife Act or any rare or endangered species are reported, the Mining Officer will get a conservation plan prepared in consultation with the Department of Wildlife and ensure its implementation.
- 13) The mining of minor mineral (sand) shall be carried out only up to a depth of 3.0 m as proposed in the approved mining plan or one metre above the groundwater level, whichever is less.
- 14) The mining shall be carried out by the contractor/lessor as per the EMP prepared and development / mining plan prepared as per the Mines & Mineral (Development & Regulation) Act, 1957 / other Acts/Rules related with mining of minor minerals.
- 15) The Project Proponent and Mining Officer shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
- 16) The project proponent shall undertake plantation/afforestation work by planting the native species in the nearby area adjacent to mine lease.

- 17) The project proponent shall ensure that effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Ministry of Environment & Forests/Punjab Pollution Control Board in this regard.
- 18) The project proponent shall undertake adequate safeguard measures during extraction of sand and ensure that due to this activity, the hydro-geological and ecological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells, if any, and installing new piezometers during the mining operation.
- 19) The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to the District Mining Officer on monthly basis.
- 20) The periodic monitoring [(at least four times in a year- pre-monsoon (April May), monsoon (August), post-monsoon (November) and winter (January)); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office at Chandigarh, the Central Ground Water Authority, the Regional Director, Central Ground Water Board; SEIAA, Punjab and Punjab Pollution Control Board. If at any stage, it is observed that the groundwater table is getting depleted or rising due to the mining activity, necessary corrective measures shall be carried out.
- 21) The project proponent shall obtain necessary prior permission of the competent authorities/CGWA for drawl of requisite quantity of water (surface water and groundwater), if any, required for the project.
- 22) In case, mining site falls in the notified block declared by the CGWA, the project proponent shall obtain necessary prior permission for drawl of requisite quantity of water for domestic purposes from District Advisory Committee (DAC) and only treated waste water will be used for dust suppression activities.
- 23) The project proponent shall construct rain water recharging pits along with desilting chambers in the Govt. Primary School of village Talli Saida Sahu, Tehsil & District Ferozepur, Punjab . The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits. In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse.
- 24) The proponent shall plant 399 number of plants of native species of not less than 3 ft in size at the identified location in the village near to the mining site and protect the same with tree guards made of concrete. The proponent shall make

adequate provision of funds and ensure maintenance of the plants for a further period of three years.

- 25) Appropriate mitigation measures shall be taken by the project proponent to prevent pollution at the mining site in consultation with the Punjab Pollution Control Board. It shall be ensured that there is no leakage of oil and grease at the mining site from the vehicles/mining equipment's used for transportation.
- 26) Vehicular emissions shall be kept under control and regularly monitored. The project proponent shall ensure that will not pass through any village. The transportation hours of mined material shall be restricted to non-peak hours only..
- 27) The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. All the public roads as well as approach roads shall be maintained and it shall be ensured that tippers carrying mined material are not loaded beyond the permissible load as per designed load bearing capacity of the road. Moreover, provision of sufficient funds shall be made in the budget for the proper maintenance of the roads.
- 28) Mineral handling area shall be provided with the adequate number of dust suppression systems. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
- 29) A First Aid Room shall be provided in the project both during construction and operations of the project.
- 30) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- 31) Provision shall be made for the housing of workers, if residing at site, within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. In case of non-residential/daily workers, provision of adequate bath rooms, mobile toilets, and mobile STP shall be made to avoid open defecation and treated domestic effluent shall be discharged onto land for plantation.
- 32) The municipal solid waste generated shall be disposed of as per Solid Waste Management Rules, 2016. Segregation of bio-degradable and non-biodegradable wastes shall be done at site and disposed of as per provisions of Solid Waste Management Rules. Dustbins will be provided at site and the workers will be guided to put the domestic waste and plastic carry bags etc. if any, in the dustbin. No littering will be permitted at the site as well as in the vicinity.
- 33) The critical parameters such as RSPM (Particulate matter with size less than 10 microns i.e., PM10) and NO in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH, Faecal Coliform and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as

displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009 issued by Ministry of Environment and Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.

- 34) The project proponent shall take all precautionary measures during mining operation for conservation and protection of rare and endangered flora & fauna found in the study area. Action plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab.
- 35) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility (CER). The project proponent shall adhere to the commitments made in the proposal for CER that an amount of Rs 40,000/- will be spent for installation of 1KW Solar Power Mini Station at Govt. Primary School of village Talli Saida Sahu, Tehsil & District Ferozepur, Punjab within 1st year of grant of environmental Clearance.
- 36) Vehicles hired to be used for transportation of mined material should be in good condition and should conform to applicable air and noise emission standards as provided in the Vehicular Act.
- 37) Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored.
- 38) The Risk assessment and disaster management plan should be prepared.
- 39) The project proponent shall submit the site plan showing the earmarked area for storage of mined material.
- 40) No mining operation shall be carried out at any point within 75 m of railway line, 60 m from national highway, 50 m from HT line/any public works/reservoirs, tanks/canal/public roads and buildings or inhabited or 10 m of outer edge of any village road. A safety barrier of 7.5m width shall be left intact around the mine lease boundary.
- 41) The project proponent shall ensure the implementation of the post closure mining plan as proposed by the project proponent in the mining plan.
- 42) The project proponent shall comply with the condition imposed by District Forest Officer (DFO) while granting NOC.
- 43) The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due

to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

B. General Conditions:

- 1) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forests & Climate Change.
- 2) No change in the calendar plan including excavation, quantum of mineral sand/gravel (minor mineral) and waste should be made.
- 3) Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM) and NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the Punjab Pollution Control Board.
- 4) Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM) & NO_x should be regularly submitted to the Ministry of Environment and Forests including its Regional office located at Chandigarh and the Punjab Pollution Control Board / Central Pollution Control Board once in six months and SEIAA, Punjab.
- 5) Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- 6) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- 7) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 8) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Chandigarh and SEIAA, Punjab.
- 9) The project proponent should inform to the Regional Office of the Ministry of Environment & Forests located at Chandigarh and SEIAA, Punjab regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- 10) The Regional Office of Ministry of Environment & Forests located at Chandigarh and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.

- 11) The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab.
- 12) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ 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 on the website of the Company by the proponent.
- 13) The Project Proponent should display a copy of the clearance letter at the Regional office, District Industries Centre and the Collector's office/ Tehsildar's office.
- 14) The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the concerned Punjab 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 environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab by e-mail.
- 15) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility.
- 16) The project proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the Punjab Pollution Control Board and also at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of Ministry of Environment & Forests at Chandigarh and SEIAA, Punjab.
- 17) The Ministry of Environment, Forests & Climate Change and SEIAA, Punjab or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- 18) The SEIAA may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this

environmental clearance, it is found/ come to the knowledge of the SEIAA that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.

- 19) The project proponent shall get the micro chemical analysis of the mined material done from an approved laboratory once in a year and shall submit the analysis results to the Ministry of Environment & Forests/Punjab Pollution Control Board and SEIAA, Punjab.
- 20) The project proponent shall ensure that the contractor shall engage people of local area for mining purpose as far as possible, so as to have opportunities of employment for them.
- 21) The project proponent may apply for transfer of environmental clearance under EIA notification dated 14.09.2006 to the other contractor finalized by the Department of Industries & Commerce to SEIAA, Punjab. However, no activity shall be undertaken by the contractor till the environmental clearance is transferred in his name and he is lawfully bound to comply with the conditions of the environmental clearance.
- 22) The monitoring of the mining project in respect of Environment Management shall be carried out by the State/District Level Environment Management Cells constituted by the Govt. of Punjab vide notifications dated 03.12.2012.
- 23) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under.

Item No 170.06: Application for obtaining TOR under EIA notification dated 14.09.2006 for mining of minor minerals from on river bed in the village Bagiyan, Tehsil – Sidhwan Bet, District Ludhiana, Punjab submitted by M/s Mahadev Enclave Private Limited. (Proposal No. SIA/PB/MIN/50945/2020)

The facts of the case are as under:

M/s Mahadev Enclave Private Limited has applied for obtaining TOR under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from river bed in the revenue estate of **village Bagiyan, Tehsil – Sidhwan Bet, District Ludhiana, Punjab** on 23.05.2020. The project is covered under S.No. 1(a) of the Schedule appended to the said notification.

Further, on the basis of scrutiny of application, EDS was raised on 16.04.2020 and 16.06.2020 by SEIAA, Punjab to which the project proponent replied on 18.05.2020 and 10.07.2020, respectively. After considering the reply, updated status of the documents attached with the application is as under:-

1.0 Status of documents attached with the application

(A) General

| | | |
|-----|--|---|
| i) | Name of Applicant & Correspondence address: Mobile No: Email ID: | M/s MAHADEV ENCLAVE PRIVATE LIMITED B-37 Ayodhaya Marg, Hanuman Nagar, Jaipur, Rajasthan +91 9780625432 avnit.kaushal@gmail.com |
| ii) | Name of Environmental Consultant Mobile No. Email ID | Eco Laboratories & Consultants Pvt. Ltd. 9814003103, 0172461622 consulteco@yahoo.com |

(B) Details of the Documents

The project proponent submitted all the requisite documents as per the checklist of the mining case along with Form-02. The project proponent submitted a hard copy of the same, which was taken on record.

2.0 Deliberations during 192nd meeting of SEAC held on 01.09.2020

The case was considered by SEAC in its 192nd meeting held on 01.09.2020. The meeting was attended by the following on behalf of the project proponent:

- i) Sh. Manoj Kumar, Authorized Signatory, through Video Conference.
- ii) Ms. Simranjit Kaur Nagi, EIA Coordinator, M/s Eco Laboratories & Consultants Pvt. Ltd., Mohali, Environmental Consultant of the Project Proponent.

SEAC allowed the project proponent to present the salient features of the project and the Environment Consultant of the promoter company presented the same as under:

| S.No. | Item | Details | | | |
|-------|--|---|--|--|------------------|
| 1. | Online Proposal No. | SIA/PB/MIN/ 50945 /2020 | | | |
| 2. | Project Name & Location | Sand Mining Project Village- Bagiyan Tehsil- Sidhwan Bet, District- Ludhiana, Punjab by M/s Mahadev Enclave Private Limited | | | |
| 3. | Project/activity covered under item of scheduled to the EIANotification,14.09.2006 | 1(a) Mining of Minor Minerals | | | |
| 4. | Details of Mining Lease | | | | |
| | i) Mineral (s) to be mined | Sand | | | |
| | ii) Capacity of Mine | 2,34,756 TPA | | | |
| | iii) Mining Lease Area | 6.55 Ha | | | |
| | iv) Details Letter of Intent (LOI)/E-Auction issued by the State Govt. | Memo No. MDM/Pb/E-Auction/2019 2231 Date of Issue: 30/05/2019 Provisional acceptance letter issued by departments of Mines and Geology Punjab Validity of LOI: Three years Mining Lease Area: 6.55 Ha. Mining Quantity: 2,34,756 TPA | | | |
| 5. | Hadbast No. | 177 | | | |
| 6. | Land Khasra No. & their consent details | | | | |
| | Sr No | Type | Khasra No. | Consent details | |
| | 1 | Govt. Land | - | - | |
| | 2 | Private Land | 30//7, 8, 9,10, 29//4/2/2, 6, 15, 16,30//25, 45//16/1, 16/2, 19, 22, 23, 45//18, 29//1, 10, 11 | Land NOC from owners submitted. (Page 226-229) | |
| 7. | Latitude & Longitude | | | | |
| | | S.No. | Corner | Latitude | Longitude |
| | | 1 | PIT I | | |
| | | | Corner 1 | 30°59'14.95"N | 75°23'26.27"E |
| | | | Corner 2 | 30°59'14.43"N | 75°23'26.27"E |
| | | | Corner 3 | 30°59'12.56"N | 75°23'36.29"E |

| | | | | |
|----|--|----------------|---|---------------|
| | | Corner 4 | 30°59'13.00"N | 75°23'26.23"E |
| | 2 | PIT-II | | |
| | | Corner 1 | 30°59'16.26"N | 75°23'39.08"E |
| | | Corner 2 | 30°59'16.05"N | 75°23'41.62"E |
| | | Corner 3 | 30°59'10.36"N | 75°23'41.14"E |
| | | Corner 4 | 30°59'10.40"N | 75°23'38.58"E |
| | 3 | PIT-III | | |
| | | Corner 1 | 30°59'15.82"N | 75°23'46.67"E |
| | | Corner 2 | 30°59'15.70"N | 75°23'49.08"E |
| | | Corner 3 | 30°59'13.78"N | 75°23'49.16"E |
| | | Corner 4 | 30°59'13.94"N | 75°23'46.54"E |
| | 4 | PIT-IV | | |
| | | Corner 1 | 30°59'13.78"N | 75°23'49.16"E |
| | | Corner 2 | 30°59'13.57"N | 75°23'51.40"E |
| | | Corner 3 | 30°59'7.77"N | 75°23'51.22"E |
| | | Corner 4 | 30°59'8.01"N | 75°23'48.63"E |
| | 5 | PIT-V | | |
| | | Corner 1 | 30°59'8.52"N | 75°23'36.02"E |
| | | Corner 2 | 30°59'8.39"N | 75°23'38.51"E |
| | | Corner 3 | 30°59'6.56"N | 75°23'38.39"E |
| | | Corner 4 | 30°59'6.66"N | 75°23'35.85"E |
| | 6 | PIT-VI | | |
| | | Corner 1 | 30°58'41.48"N | 75°23'26.65"E |
| | | Corner 2 | 30°58'41.20"N | 75°23'31.72"E |
| | | Corner 3 | 30°58'37.54"N | 75°23'31.38"E |
| | | Corner 4 | 30°58'37.70"N | 75°23'26.38"E |
| | 7 | PIT-VII | | |
| | | Corner 1 | 30°58'41.14"N | 75°23'34.15"E |
| | | Corner 2 | 30°58'40.97"N | 75°23'36.67"E |
| | | Corner 3 | 30°58'39.09"N | 75°23'36.54"E |
| | | Corner 4 | 30°58'39.28"N | 75°23'34.08"E |
| 8. | Whether the project attracts the General Condition. | | No protected area/critically polluted area/ Eco-sensitive area/inter-state/ UT Boundaries and International Boundary/ Severely Polluted Area falls within 5 km radius of the project site. Thus, general conditions are not applicable. | |
| 9. | Does the project involve diversion of forest land? If yes, | | No | |

| | a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--|--|--------|-------------------|-------------|----|-------------|---|-----|--------------|------|------|-----------------|---|-----|--------------|---|----|------------|---|-----|------------|------|--------|----------|-------------|----|------------------|---|-----|-------------------|---|------|------------------------|---|-----|----------------------|---|----|-----------------|------|
| 10. | Does the project fall within 10 km of eco-sensitive area/ National park/Wild Life Sanctuary? If yes, Status of NOC. If No, If No, submit documentary proof | No wildlife sanctuary/bird sanctuary falls within 10 km radius of the project site. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. | Land requirement for the project | <p>Prior to the project proposal</p> <table border="1"> <thead> <tr> <th>Sr No.</th> <th>Ownership pattern</th> <th>Area in Ha.</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>Forest Land</td> <td>-</td> </tr> <tr> <td>ii)</td> <td>Private land</td> <td>6.55</td> </tr> <tr> <td>iii)</td> <td>Government land</td> <td>-</td> </tr> <tr> <td>iv)</td> <td>Revenue land</td> <td>-</td> </tr> <tr> <td>v)</td> <td>Other land</td> <td>-</td> </tr> <tr> <td>vi)</td> <td>Total land</td> <td>6.55</td> </tr> </tbody> </table> <p>Present Land use Break Up</p> <table border="1"> <thead> <tr> <th>Sr No.</th> <th>Land use</th> <th>Area in Ha.</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>Agriculture Area</td> <td>-</td> </tr> <tr> <td>ii)</td> <td>Waste/Barren Area</td> <td>-</td> </tr> <tr> <td>iii)</td> <td>Grazing/community Area</td> <td>-</td> </tr> <tr> <td>iv)</td> <td>Surface water Bodies</td> <td>-</td> </tr> <tr> <td>v)</td> <td>Other(Specify)</td> <td>6.55</td> </tr> </tbody> </table> | Sr No. | Ownership pattern | Area in Ha. | i) | Forest Land | - | ii) | Private land | 6.55 | iii) | Government land | - | iv) | Revenue land | - | v) | Other land | - | vi) | Total land | 6.55 | Sr No. | Land use | Area in Ha. | i) | Agriculture Area | - | ii) | Waste/Barren Area | - | iii) | Grazing/community Area | - | iv) | Surface water Bodies | - | v) | Other(Specify) | 6.55 |
| Sr No. | Ownership pattern | Area in Ha. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i) | Forest Land | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ii) | Private land | 6.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iii) | Government land | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iv) | Revenue land | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| v) | Other land | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| vi) | Total land | 6.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sr No. | Land use | Area in Ha. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i) | Agriculture Area | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ii) | Waste/Barren Area | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iii) | Grazing/community Area | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iv) | Surface water Bodies | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| v) | Other(Specify) | 6.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. | Cost of the project | Rs. 6.06 Crores | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. | Details of Final District Survey Report | Approved by:-General Manager-cum-Mining Officer (District Industries Centre, Ludhiana) Mining Lease Area: 6.55 Ha. Mining Quantity: 2,34,756 TPA Mining Depth: 3 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14. | Details of visit report of Site Appraisal Committee regarding approval of site for mining | Submitted | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15. | Details of Mining Plan | Not Submitted | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16. | Demarcation report of mining site | Date of demarcation:- 18.10.2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. | Workers(when fully operational) | 35 Persons. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|-----|--|--|
| 18. | Water Requirements & source | Domestic: 2.10 KLD Dust Suppression: 1.50 KLD Total: 3.60 KLD Ground water/Others: A water storage tank of capacity 2 KLD shall be provided. |
| 19. | Waste water generation, Treatment & its Disposal | i) Quantity of Waste water :1.68 KLD (80% of water requirement) ii) Treatment Method: Septic Tank iii) Mode of Disposal : c) Plantation purpose.: 1.65 KLD d) Any other purpose: Nil |
| 20. | Environment Management Plan along with Budgetary breakup and responsibility to implement | Not required at this stage being TOR case |
| 21. | CER activities along with budgetary break-up and responsibility to implement | Not required at this stage being TOR case |

After deliberations, SEAC decided to forward the application of the project proponent to SEIAA with the recommendations to issue Terms of Reference for mining of minor minerals (Sand) on river bed, located in the village Bagiyan, Tehsil- Sidhwan Bet, District Ludhiana, Punjab submitted by M/s Mahadev Enclave Private Limited, as per Annexure-II along with the following additional ToRs:

1. The project proponent is required to get the hydrogeological survey of the existing water level done and to submit the impact on water level regime due to the project. This report is required to be submitted at the time of submission of EIA report.
2. The project proponent is required to submit report regarding preservation of top soil excavated during the mining process at the time of submission of EIA report.
3. The project proponent shall submit topographical contour map along with water table map of the area at the time of submission of EIA report.
4. The project proponent shall submit specific plantation plan along with maintenance plan at the time of submission of EIA report.
5. The project proponent shall submit site specific rain water harvesting details at the time of submission of EIA report.

3.0 Deliberations during 170th meeting of SEIAA held on 16.09.2020

The case was placed before SEIAA in its 170th meeting held on 16.09.2020 and the same was attended by the following through video conference: -

- i) Sh. Manoj Kumar, Authorized Signatory, through Video Conference.

- ii) Ms. Simranjit Kaur Nagi, EIA Coordinator, M/s Eco Laboratories & Consultants Pvt. Ltd., Mohali, Environmental Consultant of the Project Proponent

Before allowing the Environmental Consultant to present the salient feature of the project, SEIAA asked the environmental consultant to clarify the ownership of the land and distance between the different mining pits located in the mining site. To this, environmental consultant replied that Khasra No 45//18 of the mining site belongs to the Central Govt. and mining sites are located more than 500 m from each other.

To another query of SEIAA regarding area left after deducting the area of mining sites located more than 500 m from the other mining site, environmental consultant replied that mining area of the project site will be reduced to less than 5.0 ha.

SEIAA observed that the mining area has been reduced to less than 5.0 ha and further, as per SSMMG, 2016, applicant is required to apply separately for Environmental Clearance for each mining pits, in case the distance between mining pits is more than 500m.

To this, Environmental Consultant of the promoter company requested to withdraw the TOR application and allow him to apply for separate applications for obtaining environmental clearance for the mining sites located more than 500 m from each other.

After deliberations, SEIAA decided to accept the request of the environmental consultant and allowed the withdrawal of TOR application and apply separate applications for obtaining environmental clearance for the mining sites located more than 500 m from each other.

Item No: 170.07 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals On Agricultural Land in the village Bajrawar, Tehsil Hoshiarpur & District Hoshiarpur, Punjab submitted by M/S Prime Vision Industries Private Limited (Proposal No. SIA/PB/MIN/148523/2020)

The facts of the case are as under:

M/S Prime Vision Industries Private Limited has applied for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from Agricultural land in the revenue estate of **village Bajrawar, Tehsil & District Hoshiarpur, Punjab** on 12.03.2020. The project is covered under category B2 of the Schedule appended to the said Notification.

Further, on the basis of scrutiny of application, EDS was raised by SEIAA on 25.03.2020, 11.08.2020 & 31.08.2020 to which the project proponent replied. After considering the reply, updated status of the documents attached with the application is as under: -

1.0 Status of documents attached with the application

(A) General

| | | |
|-----|--|--|
| i) | Name of Applicant & Correspondence address: Mobile No: Email ID: | M/S Prime Vision Industries Private Limited 312 Third Floor, Vishal Chamber P-1, Sector-18, Noida, Distt. Gautam Budh Nagar, Uttar Pradesh , 9460228410 |
| ii) | Name of Environmental Consultant Mobile No. Email ID | Overseas Min Tech Consultants) 9460221084 arun.omtc@gmail.com |

B) Detail of the Documents

The project proponent submitted all the requisite documents as per the checklist of the mining case along with Form-02. The project proponent submitted a hard copy of the same, which was taken on record.

The case was considered by SEAC in its 192nd meeting held on 01.09.2020. The meeting was attended by the following through Video Conference on behalf of the project proponent:

- i) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.
- ii) Sh. Sameer Kumar Singh, EIA Coordinator, Overseas Mintech Consultant, Jaipur, Rajasthan, Environment Consultant of the promoter company.

SEAC allowed the project proponent to present the salient features of the project and the Environment Consultant of the promoter company presented the same as under:

| S.No. | | Item | | | Details | |
|--------------|---|------------------|--|---|-----------------|--|
| 1. | Online Proposal No. | | | SIA/PB/MIN/148523/2020 | | |
| 2. | Project Name & Location | | | Bajrawar Sand Mining Project At Hadbast No-305, Village– Bajrawar, District-Hoshiarpur, State- Punjab. | | |
| 3 | Project/activity covered under item of scheduled to the EIA Notification,14.09.2006 | | | 1(a) mining of minor mineral | | |
| 4 | Details of Mining Lease | | | | | |
| i) | Mineral (s) to be mined | | | Sand | | |
| ii) | Capacity of Mine | | | 25534.71 TPA | | |
| iii) | Mining Lease Area | | | Total area is 1.90 Ha | | |
| iv) | Details Letter of Intent (LOI)/E-Auction issued by the State Govt. | | | LOI No: 720/E-Auction Date of Issue: 31/07/2019 Validity of LOI: 3 year Mining Lease Area: 1.90 Ha. Mining Quantity: 25534.71 TPA | | |
| 5 | HadBast No. | | | 305 | | |
| 6 | Land Khasra No. & their consent details | | | | | |
| | Sr No | Type | Khasra No | | Consent details | |
| | 1 | Govt Land | | | | |
| | 2 | Private Land | 4//21(8-0), 22(8-0), 23(2-8), 5//25(7-12), 12//2(8-0), 3(3-14) | | | |
| 7. | Latitude & Longitude | | | | | |
| | Sr. No | Pillar No | Latitude N | Longitude E | | |
| | 1 | A | 31°27'14.10"N | 75°58'04.20"E | | |
| | 2 | B | 31°27'13.30"N | 75°58'04.18"E | | |
| | 3 | C | 31°27'13.20"N | 75°58'09.08"E | | |
| | 4 | D | 31°27'11.31"N | 75°58'09.10"E | | |
| | 5 | E | 31°27'11.24"N | 75°58'13.08"E | | |
| | 6 | F | 31°27'15.17"N | 75°58'12.52"E | | |
| | 8 | G | 31°27'15.32"N | 75°58'07.69"E | | |

| | | | | | | | |
|-----|--|----------------------|--|-------------------|------------|--|--|
| | 9 | H | 31°27'15.19"N | 75°58'06.08"E | | | |
| 8 | Whether the project attracts the General Condition. | | No | | | | |
| 9. | Does the project involves diversion of forest land.If yes, a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof | | No. The project proponent has obtained certificate from DFO Hoshiarpur vide letter No 315 dated 09.06.2020. | | | | |
| 10 | Does the project fall within 10 km of eco-sensitive area/ National park/Wild Life Sanctuary? If yes, Status of NOC. If No, If No, submit documentary proof | | No. No any important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests within 15 km radius. | | | | |
| 11. | Land requirement for the project | | Prior to the project proposal | | | | |
| | | | Sr No. | Ownership pattern | Area in Ha | | |
| | | | i) | Forest Land | Nil | | |
| | | | ii) | Private land | 1.90 | | |
| | | | iii) | Government land | Nil | | |
| | | | iv) | Revenue land | Nil | | |
| | | | v) | Other land | Nil | | |
| | | | vi) | Total land | 1.90 | | |
| | | | Present Land use Break Up | | | | |
| | | | Sr No. | Land use | Area in Ha | | |
| | | | i) | Agriculture Area | 1.90 | | |
| | | | ii) | Waste/Barren Area | 0 | | |
| | | | iii) | Settlement | 0 | | |
| | iv) | Surface water Bodies | 0 | | | | |
| | v) | Other (Specify) | 0 | | | | |
| 12. | Cost of the project | | Rs. 50 Lakhs | | | | |
| 13. | Details of Final District Survey Report | | Approved by :-Deputy Commissioner, Hoshiarpur Reference No:1863 Date of Issue:6.12.19 Mining Lease Area: 1.90 Mining Quantity: 25534.71 TPA Mining Depth:3.0 m Safe distance from banks (m)-NA | | | | |

| | | | | |
|-----|--|---|---|-----------------------|
| | | Annual rate of replenishment as per the study conducted-NA | | |
| 14. | Details of visit report of Sub Divisional Level Committee | Submitted | | |
| 15. | Details of Mining Plan | Approved by :-State Geologists Approval Letter No: 282 dated:04.03.2020 Approved Mining Quantity: 25534.71 TPA Depth of Mining (m):3.0 m | | |
| 16. | Demarcation report of mining site | Submitted | | |
| 17. | Workers (when fully operational) | 37 Persons. | | |
| 18. | Water Requirements & source | Domestic: 1.0 KLD Dust Suppression:2.0 KLD Plantation:1.0 KLD Total:4.0 KLD Ground water/Others: From water tanker. | | |
| 19. | Waste water generation, Treatment & its Disposal | i) Quantity of Waste water : Nil (80% of water requirement) ii) Treatment Method: Portable toilets are proposed to be provided by the proponent in the mining site. After treatment will be disposed of plantation purpose. | | |
| 20. | Green Belt Development Plan including no. of trees to be planted & its species. | Tree cutting (if any) : Nil No of plant to be planted: 627 Funds Allocated: Rs 6,27,000/- | | |
| 21. | Environment Management Plan along with Budgetary breakup and responsibility to implement | M/S Prime Vision Industries Private Limited will be responsible for the implementation of EMP till the mining activities closed as per the mining plan. | | |
| | | S. No | Particulars | Amount (in Rs) |
| | | 1 | Air Pollution Control - Water Sprinkling/Dust Suppression | 60,000 |
| | | 2 | Green Belt Development | 6,27,000 |
| | | 3 | Environmental Monitoring | 40,000 |
| | | | Total | 7,27,000 |

| | | |
|-----|--|---|
| 22. | CER activities along with budgetary break-up and responsibility to implement M/S Prime Vision Industries Private Limited will be responsible for the implementation of Corporate Environmental Responsibility (CER). As the project cost is Rs 50 lakh- and Rs 1 lakh/- have been reserved for CER activities as per Office Memorandum of CER dated 01.05.2018. It was proposed to spent on the followings: - | |
| | Sr. No. | Particulars |
| | 1 | Providing Furniture nearby govt. school Bjrawar |
| | 2 | Distribution of Sanitary napkins in nearby village & School |
| | 3 | Drinking water facility providing for nearby village |
| | | Education (distribution of books and school uniforms to girl child) 50 student per year.) |
| | | Total |
| | | Rs 1.0 lakh/Annum |

SEAC asked the project proponent and his Environmental Consultant to clarify the following observations to which he replied as under: -

| Sr. No. | Observations | Reply submitted by the project proponent and his Environmental Consultant |
|---------|---|---|
| 1. | The site falls in the notified area and the project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to District Mining Officer on monthly basis. | The project proponent agreed to the same. |
| 2. | The project proponent is required to plant trees of natives species having plant height more than 3 ft along with tree guard. | The project proponent agreed to the same. |
| 3. | The project proponent is required to submit an undertaking to the effect that the mining shall be carried out as per the approved Mining Plan and comply with the terms and conditions of the Department of | The project proponent agreed to the same. |

| | | |
|----|--|---|
| | Mines & Geology, Govt. of Punjab as issued from time to time. | |
| 4. | As per the condition no. 21 mentioned in the standard Environmental Conditions for sand mining as given in the Sustainable Sand Mining Management Guidelines, 2016, mining should begin only after pucca pillar, marking the boundary of lease area, is erected at the cost of the lease holder after certification by the mining official and its geo-coordinates are made available to the District Level Committee and a condition to the same shall be imposed in the Environmental Clearance issued to the project proponent. | The project proponent agreed to the same. |
| 5. | The project proponent could not justify as to why the semi-mechanized mining is better for the environment as compared to manual mining. The Committee decided that the project proponent shall carry out mining only by manual method. | The project proponent agreed to the same. |

SEAC was satisfied with the presentation and reply given to the observation. SEAC took a copy of the presentation along with a reply on record.

After deliberations, SEAC decided to award silver grading to the project and forward the application of the project proponent to SEIAA with the recommendations to grant Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land located in the revenue estate of village Bajrawar, Tehsil & District Hoshiarpur, Punjab submitted by M/s Prime Vision Industries Pvt. Ltd. as per Annexure-1 along with the following additional conditions:

1. The project proponent shall carry out mining only by the manual method.
2. The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to District Mining Officer on monthly basis.
3. The project proponent shall begin mining only after pucca pillar marking, the boundary of lease area is erected at the cost of the lease holder after certification

by the mining official and its geo- coordinates are made available to the District Level Committee.

4. The proponent shall plant 627 number of plants of native species of not less than 3 ft in size at the identified location and protect the same with tree guards. The proponent shall make adequate provision of funds and ensure maintenance of the plants for a further period of three years.
5. The project proponent shall construct rain water harvesting pits along with desilting chambers in the Govt. Primary School of the village Bajrawar, Tehsil & Distt- Hoshiarpur. The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits.
6. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least a minimum amount of Rs. 1,00,000/-per annum towards the following activities:

| Sr. No. | Particulars | Amount (in Rs) |
|----------------|--|--------------------------|
| 1 | Providing Furniture nearby govt. school Bjrawar | Rs 20,000/- |
| 2 | Distribution of Sanitary napkins in nearby village & School | Rs 15,000 |
| 3 | Drinking water facility providing for nearby village | Rs 25,000 |
| 4 | Education (distribution of books and school uniforms to girl child 50 student per year). | Rs 40,000 |
| | Total | Rs 1.0 lakh/Annum |

3.0 Deliberations during 170th meeting of SEIAA held on 16.09.2020

The case was placed before SEIAA in its 170th meeting held on 16.09.2020 and the same was attended by the following through video conference: -

- i) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.
- ii) Sh. Sameer Kumar Singh, EIA Coordinator, Overseas Mintech Consultant, Jaipur, Rajasthan, Environment Consultant of the promoter company.

Environmental Consultant of the Promoter company presented the salient feature of the project and submitted a copy of the presentation, which was taken on record by the SEIAA.

SEIAA raised certain queries to which the environmental consultant of the promoter company replies as under: -

Query 1: As to whether the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM has been submitted in this case.

Reply 1: The PP informed that instead a report from the Site Appraisal Committee (SAC) has been submitted. However, he agreed to submit the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM before the start of the mining and also before obtaining consent to operate under Water Act, 1974 and Air Act, 1981 to Punjab Pollution Control Board(PPCB).

Query 2: Whether the transportation route in this case is through any village?

Reply 2 : The transportation route is not through any village.

Query 3: An amount of Rs 40,000/- proposed in the EMP for environment monitoring (Air, water and noise pollution) is not adequate and the same is required to be increased.

Reply 3: Environmental consultant of the promoter company agreed to increase the Environment monitoring cost as suggested by SEIAA and submitted an undertaking to the effect that Rs 80,000/- will be provided per year for Air, Water and Noise monitoring.

Query 4: SEAC has imposed a special condition that project proponent shall carry out mining only by the manual method whereas open Cast semi-mechanized Method of mining has been proposed in the presentation. Clarify?

Reply 4: Environmental consultant of the promoter company replied that they accept the condition imposed by the SEAC and the manpower required for the mining has been calculated considering the manual method of mining.

Query 5: Submit the calculation regarding the capacity of the mine site.

Reply 5: The detail calculation regarding the capacity of the mine site was submitted, which was taken on record. As per the calculations, the capacity of the mine is 76604 MT (i.e 25534 TPA)

Query 6: Project cost shall be revised by considering the operational cost of the mining including the transportation cost and accordingly is required to submit revised Corporate Environmental Responsibility indicating the activity, amount to be spent and time schedule.

Reply 6: The project proponent submitted the revised cost of project Rs 89 lacs and also submitted the revised proposal to spend Rs. 1.78 Lacs for the purpose of CER as per OM dated 01.05.2018 as under: -

| Sr. No. | Particulars | Amount (in Rs) | Schedule |
|---------|---|----------------|-------------------------------|
| 1 | Project Proponent will install 4 KW Solar power mini station at | 1,60,000/- | Work will be completed within |

| | | | |
|-------|--|-----------|---------------------------------------|
| | Government primary School, Village Bajrwar Tehsil & District Hoshiarpur (Punjab). | | one year from the date of grant of EC |
| 2 | Project Proponent will provide drinking water facility in surrounding village and school by constructing water tanks at school | 18,000/- | |
| Total | | 1,78,000/ | |

Query 7 : SEIAA suggested that tree guard made of concrete should be used in place of tree guard made of Iron as theft of Iron made Tree Guards is very common.

Reply 7: Environmental consultant of the promoter company agreed with the suggestion of SEIAA and submitted an undertaking to the effect that tree guard made of concrete will be installed along with tree saplings.

During discussions, the representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC and amended by the SEIAA

The SEIAA observed that the case stands recommended by SEAC and the Committee has awarded 'Silver Grading' to the project proposal. The SEIAA looked into the details of the case and was satisfied with the same.

Therefore, the Authority decided to accept the recommendations of SEAC and grant Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land located in the revenue estate of village Bajrawar, Tehsil & District Hoshiarpur, Punjab submitted by M/s Prime Vision Industries Pvt. Ltd. as per approved mining Plan with the manual method of mining only & subsequent presentation /clarifications made by the project proponent and his consultant, with proposed measures and following conditions as recommended by SEAC & certain amendments therein & agreed by the Project proponent:

A. Specific conditions:

- 1) The environmental clearance will be valid for a period of seven years from the date of issuance or till the validity of the mining contract whichever is earlier, as per the provisions of the EIA Notification, 2006 as amended subsequently, for mining of minor minerals in the above said location and Khasra numbers.
- 2) The project proponent shall carry out mining only by the manual method.
- 3) Mining lease area shall be demarcated on the ground with pucca pillars and geo-referencing shall be done prior to start of mining.

- 4) The project proponent shall start mining only after geo-coordinates of the site are made available to the District Level Committee.
- 5) The applicant shall also submit a copy of the demarcation report of the site duly certified by revenue officer not below the rank of Kanungo, to the Punjab Pollution Control Board, before obtaining consent to operate under Water Act, 1974 and Air Act, 1981.
- 6) The applicant shall also submit the consent of all the concerned landowner (s) of the site for carrying out the mining operation to Punjab Pollution Control Board, before obtaining the consent to operate under Water Act, 197 and Air Act, 1981.
- 7) Mining shall be as per the approved Development/Mining Plan prepared for this project and as per the Mines & Mineral (Development & Regulation) Act, 1957 and rules framed there under as amended from time to time, other Acts/rules related with mining of minor minerals.
- 8) The mining activity shall be carried out strictly as per guidelines contained in the Sustainable Sand Mining Management Guidelines 2016 and provisions made in the Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by MoEF&CC, New Delhi as amended from time to time and guidelines issued by Geological Survey of India.
- 9) The mining operation will be carried out only from sun-rise to sunset.
- 10) The project proponent shall obtain Consent to Establish and Consent to Operate from the Punjab Pollution Control Board and effectively implement all the conditions stipulated therein.
- 11) The Mining Officer shall observe the mining site after every 15 days and in case, a Schedule-I or Schedule-II species as per Wildlife Act or any rare or endangered species are reported, the Mining Officer will get a conservation plan prepared in consultation with the Department of Wildlife and ensure its implementation.
- 12) The mining of minor mineral (sand) shall be carried out only up to a depth of 3.0 m as proposed in the approved mining plan or one metre above the groundwater level, whichever is less.
- 13) The mining shall be carried out by the contractor/lessor as per the EMP prepared and development / mining plan prepared as per the Mines & Mineral (Development & Regulation) Act, 1957 / other Acts/Rules related with mining of minor minerals.
- 14) The Project Proponent and Mining Officer shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
- 15) The project proponent shall undertake plantation/afforestation work by planting the native species in the nearby area adjacent to mine lease.
- 16) The project proponent shall ensure that effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to

the norms prescribed by the Ministry of Environment & Forests/Punjab Pollution Control Board in this regard.

- 17) The project proponent shall undertake adequate safeguard measures during extraction of sand and ensure that due to this activity, the hydro-geological and ecological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells, if any, and installing new piezometers during the mining operation.
- 18) The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to the District Mining Officer on monthly basis.
- 19) The periodic monitoring [(at least four times in a year- pre-monsoon (April May), monsoon (August), post-monsoon (November) and winter (January)); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office at Chandigarh, the Central Ground Water Authority, the Regional Director, Central Ground Water Board; SEIAA, Punjab and Punjab Pollution Control Board. If at any stage, it is observed that the groundwater table is getting depleted or rising due to the mining activity, necessary corrective measures shall be carried out.
- 20) The project proponent shall obtain necessary prior permission of the competent authorities/CGWA for drawl of requisite quantity of water (surface water and groundwater), if any, required for the project.
- 21) In case, mining site falls in the notified block declared by the CGWA, the project proponent shall obtain necessary prior permission for drawl of requisite quantity of water for domestic purposes from District Advisory Committee (DAC) and only treated waste water will be used for dust suppression activities.
- 22) The project proponent shall construct rain water recharging pits along with desilting chambers in the near by Govt. Primary School, Bajrawar. The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits . In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse.
- 23) The proponent shall plant 627 number of plants of native species of not less than 3 ft in size at the identified location in the village near to the mining site and protect the same with tree guards made of concrete. The proponent shall make adequate provision of funds and ensure maintenance of the plants for a further period of three years.
- 24) Appropriate mitigation measures shall be taken by the project proponent to prevent pollution at the mining site in consultation with the Punjab Pollution Control Board. It shall be ensured that there is no leakage of oil and grease at the mining site from the vehicles/mining equipment's used for transportation.

- 25) Vehicular emissions shall be kept under control and regularly monitored. The project proponent shall ensure that will not pass through any village. The transportation hours of mined material shall be restricted to non-peak hours only..
- 26) The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. All the public roads as well as approach roads shall be maintained and it shall be ensured that tippers carrying mined material are not loaded beyond the permissible load as per designed load bearing capacity of the road. Moreover, provision of sufficient funds shall be made in the budget for the proper maintenance of the roads.
- 27) Mineral handling area shall be provided with the adequate number of dust suppression systems. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
- 28) A First Aid Room shall be provided in the project both during construction and operations of the project.
- 29) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- 30) Provision shall be made for the housing of workers, if residing at site, within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. In case of non-residential/daily workers, provision of adequate bath rooms, mobile toilets, and mobile STP shall be made to avoid open defecation and treated domestic effluent shall be discharged onto land for plantation.
- 31) The municipal solid waste generated shall be disposed of as per Solid Waste Management Rules, 2016. Segregation of bio-degradable and non-biodegradable wastes shall be done at site and disposed of as per provisions of Solid Waste Management Rules. Dustbins will be provided at site and the workers will be guided to put the domestic waste and plastic carry bags etc. if any, in the dustbin. No littering will be permitted at the site as well as in the vicinity.
- 32) The critical parameters such as RSPM (Particulate matter with size less than 10 microns i.e., PM10) and NO in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH, Faecal Coliform and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009 issued by Ministry of Environment and Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.

- 33) The project proponent shall take all precautionary measures during mining operation for conservation and protection of rare and endangered flora & fauna found in the study area. Action plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab.
- 34) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility (CER). The project proponent shall adhere to the commitments made in the proposal for CER that an amount of Rs 1,78,000/- will be spent on the following activities within 1st year of grant of environmental Clearance:-

| Sr. No. | Particulars | Amount (in Rs) | Schedule |
|---------|---|----------------|---|
| 1 | Project Proponent will install 4 KW Solar power mini station at Government primary School, Village Bajrawar, Tehsil & District Hoshiarpur (Punjab). | 1,60,000/- | Work will be completed within one year from the date of grant of EC |
| 2 | Project Proponent will provide drinking water facility in surrounding village and school by constructing water tanks at school | 18,000/- | |
| Total | | 1,78,000/ | |

- 35) Vehicles hired to be used for transportation of mined material should be in good condition and should conform to applicable air and noise emission standards as provided in the Vehicular Act.
- 36) Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored.
- 37) The Risk assessment and disaster management plan should be prepared.
- 38) The project proponent shall submit the site plan showing the earmarked area for storage of mined material.
- 39) No mining operation shall be carried out at any point within 75 m of railway line, 60 m from national highway, 50 m from HT line/any public works/reservoirs, tanks/canal/public roads and buildings or inhabited or 10 m of outer edge of any

village road. A safety barrier of 7.5m width shall be left intact around the mine lease boundary.

- 40) The project proponent shall ensure the implementation of the post closure mining plan as proposed by the project proponent in the mining plan.
- 41) The project proponent shall comply with the condition imposed by District Forest Officer (DFO) while granting NOC.
- 42) The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

B. General Conditions:

- 1) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forests & Climate Change.
- 2) No change in the calendar plan including excavation, quantum of mineral sand/gravel (minor mineral) and waste should be made.
- 3) Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM) and NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the Punjab Pollution Control Board.
- 4) Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM) & NO_x should be regularly submitted to the Ministry of Environment and Forests including its Regional office located at Chandigarh and the Punjab Pollution Control Board / Central Pollution Control Board once in six months and SEIAA, Punjab.
- 5) Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- 6) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- 7) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 8) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Chandigarh and SEIAA, Punjab.

- 9) The project proponent should inform to the Regional Office of the Ministry of Environment & Forests located at Chandigarh and SEIAA, Punjab regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- 10) The Regional Office of Ministry of Environment & Forests located at Chandigarh and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- 11) The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab.
- 12) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ 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 on the website of the Company by the proponent.
- 13) The Project Proponent should display a copy of the clearance letter at the Regional office, District Industries Centre and the Collector's office/ Tehsildar's office.
- 14) The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the concerned Punjab 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 environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab by e-mail.
- 15) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility.
- 16) The project proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance

letter is available with the Punjab Pollution Control Board and also at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of Ministry of Environment & Forests at Chandigarh and SEIAA, Punjab.

- 17) The Ministry of Environment, Forests & Climate Change and SEIAA, Punjab or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- 18) The SEIAA may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, it is found/ come to the knowledge of the SEIAA that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.
- 19) The project proponent shall get the micro chemical analysis of the mined material done from an approved laboratory once in a year and shall submit the analysis results to the Ministry of Environment & Forests/Punjab Pollution Control Board and SEIAA, Punjab.
- 20) The project proponent shall ensure that the contractor shall engage people of local area for mining purpose as far as possible, so as to have opportunities of employment for them.
- 21) The project proponent may apply for transfer of environmental clearance under EIA notification dated 14.09.2006 to the other contractor finalized by the Department of Industries & Commerce to SEIAA, Punjab. However, no activity shall be undertaken by the contractor till the environmental clearance is transferred in his name and he is lawfully bound to comply with the conditions of the environmental clearance.
- 22) The monitoring of the mining project in respect of Environment Management shall be carried out by the State/District Level Environment Management Cells constituted by the Govt. of Punjab vide notifications dated 03.12.2012.
- 23) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under.

Item No: 170.08 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals On Agricultural Land in the village Jevanwal, Tehsil Hoshiarpur & District Hoshiarpur, Punjab submitted by M/S Prime Vision Industries Private Limited (Proposal No. SIA/PB/MIN/148557/2020)

The facts of the case are as under:

M/S Prime Vision Industries Private Limited has applied for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for mining of minor minerals Gravel Sand from Agricultural land in the revenue estate of **village Jevanwal, Tehsil Hoshiarpur & District Hoshiarpur, Punjab** on 13.03.2020. The project is covered under category B2 of the Schedule appended to the said Notification.

Further, on the basis of scrutiny of application, EDS was raised by SEIAA on 27.03.2020, 19.08.2020 & 31.08.2020 to which project proponent replied. After considering the reply, updated status of the documents attached with the application is as under: -

1.0 Status of documents attached with the application

(A) General

| | | |
|-----|--|--|
| i) | Name of Applicant & Correspondence address: Mobile No: Email ID: | M/S Prime Vision Industries Private Limited 312 Third Floor, Vishal Chamber P-1, Sector-18, Noida, Distt. Gautam Budh Nagar, Uttar Pradesh , 9460228410 |
| ii) | Name of Environmental Consultant Mobile No. Email ID | Overseas Min Tech Consultants) 9460221084 arun.omtc@gmail.com |

B) Detail of the Documents

The project proponent submitted all the requisite documents as per the checklist of the mining case along with Form-02. The project proponent submitted a hard copy of the same, which was taken on record.

The case was considered by SEAC in its 192nd meeting held on 01.09.2020. The meeting was attended by the following through Video Conference on behalf of the project proponent:

- i) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.
- ii) Sh. Sameer Kumar Singh, EIA Coordinator, Overseas Mintech Consultant, Jaipur, Rajasthan, Environment Consultant of the promoter company.

SEAC allowed the project proponent to present the salient features of the project and the Environment Consultant of the promoter company presented the same as under:

| S.No. | Item | Details | | | |
|--------------|---|--|---|--------------------|--|
| 1. | Online Proposal No. | SIA/PB/MIN/148557/2020 | | | |
| 2. | Project Name & Location | Jevanwal Gravel Sand Mining Project At Hadbast No-299, Village– Jevanwal, District- Hoshiarpur, State- Punjab. | | | |
| 3 | Project/activity covered under item of scheduled to the EIA Notification,14.09.2006 | 1(a) mining of minor mineral | | | |
| 4 | Details of Mining Lease | | | | |
| i) | Mineral (s) to be mined | Gravel | | | |
| ii) | Capacity of Mine | 65,063.8767 TPA | | | |
| iii) | Mining Lease Area | Total area is 4.25 Ha | | | |
| iv) | Details Letter of Intent (LOI)/E-Auction issued by the State Govt. | LOI No: 720/E-Auction Date of Issue: 31/07/2019 Validity of LOI: 3 year Mining Lease Area: 4.25 Ha. Mining Quantity: 65,063.8767 TPA | | | |
| 5 | HadBast No. | 299 | | | |
| 6 | Land Khasra No. & their consent details | | | | |
| | Sr No | Type | Khasra No | Consent details | |
| | 1 | Govt Land | | | |
| | 2 | Private Land | 5//22/1(2-4),22/2(5-16),23(8-0),24(8-0)12//1(8-0),2(8-0),3(8-0),4(8-0),7(8-0),9(6-0)10(6-0) | | |
| 7. | Latitude & Longitude | | | | |
| | Sr. No | Pillar No | Latitude N | Longitude E | |
| | 1 | A | 31°59'22.30"N | 75°42'11.37"E | |
| | 2 | B | 31°59'27.21"N | 75°42'13.31"E | |
| | 3 | C | 31°59'28.89"N | 75°42'3.96"E | |
| | 4 | D | 31°59'27.39"N | 75°42'3.30"E | |
| | 5 | E | 31°59'27.71"N | 75°42'1.82"E | |
| | 6 | F | 31°59'24.55"N | 75°42'0.81"E | |

| 8. | Whether the project attracts the General Condition. | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--|--|--------|-------------------|------------|----|-------------|-----|-----|--------------|------|------|-----------------|-----|-----|--------------|-----|----|------------|-----|-----|------------|------|--------|----------|------------|----|------------------|------|-----|-------------------|---|------|------------|---|-----|----------------------|---|----|-----------------|---|
| 9. | Does the project involves diversion of forest land.If yes, a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof | No. The project proponent has obtained certificate from DFO Hoshiarpur vide letter No 542 dated 22.06.2020. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Does the project fall within 10 km of eco-sensitive area/ National park/Wild Life Sanctuary? If yes, Status of NOC. If No, If No, submit documentary proof | No. No any important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests within 15 km radius. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. | Land requirement for the project | <p>Prior to the project proposal</p> <table border="1"> <thead> <tr> <th>Sr No.</th> <th>Ownership pattern</th> <th>Area in Ha</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>Forest Land</td> <td>Nil</td> </tr> <tr> <td>ii)</td> <td>Private land</td> <td>4.25</td> </tr> <tr> <td>iii)</td> <td>Government land</td> <td>Nil</td> </tr> <tr> <td>iv)</td> <td>Revenue land</td> <td>Nil</td> </tr> <tr> <td>v)</td> <td>Other land</td> <td>Nil</td> </tr> <tr> <td>vi)</td> <td>Total land</td> <td>4.25</td> </tr> </tbody> </table> <p>Present Land use Break Up</p> <table border="1"> <thead> <tr> <th>Sr No.</th> <th>Land use</th> <th>Area in Ha</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>Agriculture Area</td> <td>4.25</td> </tr> <tr> <td>ii)</td> <td>Waste/Barren Area</td> <td>0</td> </tr> <tr> <td>iii)</td> <td>Settlement</td> <td>0</td> </tr> <tr> <td>iv)</td> <td>Surface water Bodies</td> <td>0</td> </tr> <tr> <td>v)</td> <td>Other(Specify)</td> <td>0</td> </tr> </tbody> </table> | Sr No. | Ownership pattern | Area in Ha | i) | Forest Land | Nil | ii) | Private land | 4.25 | iii) | Government land | Nil | iv) | Revenue land | Nil | v) | Other land | Nil | vi) | Total land | 4.25 | Sr No. | Land use | Area in Ha | i) | Agriculture Area | 4.25 | ii) | Waste/Barren Area | 0 | iii) | Settlement | 0 | iv) | Surface water Bodies | 0 | v) | Other(Specify) | 0 |
| Sr No. | Ownership pattern | Area in Ha | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i) | Forest Land | Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ii) | Private land | 4.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iii) | Government land | Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iv) | Revenue land | Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| v) | Other land | Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| vi) | Total land | 4.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sr No. | Land use | Area in Ha | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i) | Agriculture Area | 4.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ii) | Waste/Barren Area | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iii) | Settlement | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iv) | Surface water Bodies | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| v) | Other(Specify) | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. | Cost of the project | Rs. 50 Lakhs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. | Details of Final District Survey Report | Approved by :-DM Reference No:1863 Date of Issue:6.12.19 Mining Lease Area: 4.25 Mining Quantity: 65,063.8767 TPA Mining Depth:3.0 m Safe distance from banks (m)-NA Annual rate of replenishment as per the study conducted-NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|-----|--|---|
| 14 | Details of visit report of Sub Divisional Level Committee | Submitted |
| 15 | Details of Mining Plan | Approved by :-State Geologists Approval Letter No: 288 dated:04.03.2020 Approved Mining Quantity:65,063.8767 TPA Depth of Mining (m):3.0 m |
| 16 | Demarcation report of mining site | Submitted |
| 17. | Workers (when fully operational) | 37 Persons. |
| 18. | Water Requirements & source | Domestic: 1.0 KLD Dust Suppression:2.0 KLD Plantation:1.0 KLD Total:4.0 KLD Ground water/Others: From water tanker. |
| 19. | Waste water generation, Treatment & its Disposal | i) Quantity of Waste water : Nil (80% of water requirement) ii) Treatment Method: Portable toilets are proposed to be provided by the proponent in the mining site. After treatment will be disposed of plantation purpose. |
| 20. | Green Belt Development Plan including no. of trees to be planted & its species. | Tree cutting (if any) : Nil No of plant to be planted: 1380 Funds Allocated: Rs 13,80,000/- |
| 21. | Environment Management Plan along with Budgetary breakup and responsibility to implement | M/S Prime Vision Industries Private Limited will be responsible for the implementation of EMP till the mining activities closed as per the mining plan. |

| S. No | Particulars | Amount (in Rs) |
|-------|---|----------------|
| 1 | Air Pollution Control - Water Sprinkling/Dust | 40,000 |
| 2 | Suppression | |
| 3 | Green Belt Development | |

| | | | |
|--|---|--------------------------|--------------------|
| | 4 | Environmental Monitoring | 20,000 |
| | | Total | 14,40,000/- |

| 22 | <p>CER activities along with budgetary break-up and responsibility to implement M/S Prime Vision Industries Private Limited will be responsible for the implementation of Corporate Environmental Responsibility (CER). As the project cost is Rs 50 lakh- and Rs 1.50 lakh per annum have been reserved for CER activities as per Office Memorandum of CER dated 01.05.2018. It was proposed to spent on the followings: -</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">Sr. No.</th> <th style="text-align: center;">Particulars</th> <th style="text-align: center;">Amount (in Rs)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Education (distribution of books and school uniforms to girl child) 80 student per year.) nearby govt.school Jevanwal</td> <td style="text-align: right;">Rs 20,000</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Distribution of Sanitary napkins in nearby village Jevanwal</td> <td style="text-align: right;">Rs 10,000</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Drinking water facility providing for nearby village</td> <td style="text-align: right;">Rs 20,000</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Installing Solar Panel and proposed rain water harvesting structure nearby Govt. School.</td> <td style="text-align: right;">Rs 1,00,000</td> </tr> <tr> <td></td> <td style="text-align: center;">Total</td> <td style="text-align: right;">Rs 1.50 lakh/Annum</td> </tr> </tbody> </table> | | | Sr. No. | Particulars | Amount (in Rs) | 1 | Education (distribution of books and school uniforms to girl child) 80 student per year.) nearby govt.school Jevanwal | Rs 20,000 | 2 | Distribution of Sanitary napkins in nearby village Jevanwal | Rs 10,000 | 3 | Drinking water facility providing for nearby village | Rs 20,000 | 4 | Installing Solar Panel and proposed rain water harvesting structure nearby Govt. School. | Rs 1,00,000 | | Total | Rs 1.50 lakh/Annum |
|---------|--|---------------------------|--|---------|-------------|----------------|---|---|-----------|---|---|-----------|---|--|-----------|---|--|-------------|--|--------------|---------------------------|
| Sr. No. | Particulars | Amount (in Rs) | | | | | | | | | | | | | | | | | | | |
| 1 | Education (distribution of books and school uniforms to girl child) 80 student per year.) nearby govt.school Jevanwal | Rs 20,000 | | | | | | | | | | | | | | | | | | | |
| 2 | Distribution of Sanitary napkins in nearby village Jevanwal | Rs 10,000 | | | | | | | | | | | | | | | | | | | |
| 3 | Drinking water facility providing for nearby village | Rs 20,000 | | | | | | | | | | | | | | | | | | | |
| 4 | Installing Solar Panel and proposed rain water harvesting structure nearby Govt. School. | Rs 1,00,000 | | | | | | | | | | | | | | | | | | | |
| | Total | Rs 1.50 lakh/Annum | | | | | | | | | | | | | | | | | | | |

SEAC asked the project proponent and his Environmental Consultant to clarify the following observations to which he replied as under: -

| Sr. No. | Observations | Reply submitted by the project proponent and his Environmental Consultant |
|---------|---|---|
| 1. | The site falls in the notified area and the project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be | The project proponent agreed to the same. |

| | | |
|----|--|---|
| | carried out and reported to District Mining Officer on monthly basis. | |
| 2. | The project proponent is required to plant trees of natives species having plant height more than 3 ft along with tree guard. | The project proponent agreed to the same. |
| 3. | The project proponent is required to submit an undertaking to the effect that the mining shall be carried out as per the approved Mining Plan and comply with the terms and conditions of the Department of Mines & Geology, Govt. of Punjab as issued from time to time. | The project proponent agreed to the same. |
| 4. | As per the condition no. 21 mentioned in the standard Environmental Conditions for sand mining as given in the Sustainable Sand Mining Management Guidelines, 2016, mining should begin only after pucca pillar, marking the boundary of lease area, is erected at the cost of the lease holder after certification by the mining official and its geo-coordinates are made available to the District Level Committee and a condition to the same shall be imposed in the Environmental Clearance issued to the project proponent. | The project proponent agreed to the same. |
| 5. | The project proponent could not justify as to why the semi-mechanized mining is better for the environment as compared to manual mining. The Committee decided that the project proponent shall carry out mining only by manual method. | The project proponent agreed to the same. |

SEAC was satisfied with the presentation and reply given to the observation. SEAC took a copy of the presentation along with a reply on record.

After deliberations, SEAC decided to award silver grading to the project and forward the application of the project proponent to SEIAA with the recommendations to grant

Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land located in the revenue estate of village Jevanwal, Tehsil & District Hoshiarpur, Punjab submitted by M/s Prime Vision Industries Pvt. Ltd. as per Annexure-1 along with the following additional conditions:

1. The project proponent shall carry out mining only by the manual method.
2. The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to District Mining Officer on monthly basis.
3. The project proponent shall begin mining only after pucca pillar marking, the boundary of lease area is erected at the cost of the lease holder after certification by the mining official and its geo- coordinates are made available to the District Level Committee.
4. The proponent shall plant 1380 number of plants of native species of not less than 3 ft in size at the identified location and protect the same with tree guards. The proponent shall make adequate provision of funds and ensure maintenance of the plants for a further period of three years.
5. The project proponent shall construct rain water harvesting pits along with desilting chambers in the Govt. Primary School of the village Jevanwal, Tehsil & Distt- Hoshiarpur. The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits.
6. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least a minimum amount of Rs. 1,50,000/- per annum towards the following activities:

| Sr. No. | Particulars | Amount (in Rs) |
|----------------|---|---------------------------|
| 1 | Education (distribution of books and school uniforms to girl child) 80 student per year.) nearby govt.school Jevanwal | Rs 20,000 |
| 2 | Distribution of Sanitary napkins in nearby village Jevanwal | Rs 10,000 |
| 3 | Drinking water facility providing for nearby village | Rs 20,000 |
| 4 | Installing Solar Panel and proposed rain water harvesting structure nearby Govt. School. | Rs 1,00,000 |
| | Total | Rs 1.50 lakh/Annum |

3.0 Deliberations during 170th meeting of SEIAA held on 16.09.2020

The case was placed before SEIAA in its 170th meeting held on 16.09.2020 and the same was attended by the following through video conference: -

- iii) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.
- iv) Sh. Sameer Kumar Singh, EIA Coordinator, Overseas Mintech Consultant, Jaipur, Rajasthan, Environment Consultant of the promoter company.

Environmental Consultant of the Promoter company presented the salient feature of the project and submitted a copy of the presentation, which was taken on record by the SEIAA.

SEIAA raised certain queries to which the environmental consultant of the promoter company replies as under: -

Query 1: As to whether the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM has been submitted in this case.

Reply 1: The PP informed that instead a report from the Site Appraisal Committee (SAC) has been submitted. However, he agreed to submit the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM before the start of the mining and also before obtaining consent to operate under Water Act, 1974 and Air Act, 1981 to Punjab Pollution Control Board(PPCB).

Query 2: Whether the transportation route in this case is through any village?

Reply 2 : The transportation route is not through any village.

Query 3: An amount of Rs 40, 000/- proposed in the EMP for environment monitoring (Air, water and noise pollution) is not adequate and the same is required to be increased.

Reply 3: Environmental consultant of the promoter company agreed to increase the Environment monitoring cost as suggested by SEIAA and submitted an undertaking to the effect that Rs 80,000 lacs will be provided per year for Air, Water and Noise monitoring.

Query 4: SEAC has imposed a special condition that project proponent shall carry out mining only by the manual method whereas open Cast semi-mechanized Method of mining has been proposed in the presentation. Clarify?

Reply 4: Environmental consultant of the promoter company replied that they accept the condition imposed by the SEAC and the manpower required for the mining has been calculated considering the manual method of mining.

Query 5: Submit the calculation regarding the capacity of the mine site.

Reply 5: The detail calculation regarding the capacity of the mine site was submitted, which was taken on record. As per the calculations, the capacity of the mine is 195191 .63 MT (i.e 65063.88 TPA)

Query 6: Project cost shall be revised by considering the operational cost of the mining including the transportation cost and accordingly is required to submit revised Corporate Environmental Responsibility indicating the activity, amount to be spent and time schedule.

Reply 6 : The project proponent submitted the revised cost of project Rs 89 lacs and also submitted the revised proposal to spend Rs. 1.78 lacs for the purpose of CER as per OM dated 01.05.2018 as under: -

| Sr. No. | Particulars | Amount (in Rs) | Schedule |
|---------|---|----------------|---|
| 1 | Project Proponent will install 4 KW Solar power mini station at Government primary School, Village Jewanwal, Tehsil & District Hoshiarpur (Punjab). | 1,60,000/- | Work will be completed within one year from the date of grant of EC |
| 2 | Project Proponent will provide drinking water facility in surrounding village and school by constructing water tanks at school | 18,000/- | |
| Total | | 1,78,000/ | |

Query 7: SEIAA suggested that tree guard made of concrete should be used in place of tree guard made of Iron as theft of Iron made Tree Guards is very common.

Reply 7: Environmental consultant of the promoter company agreed with the suggestion of SEIAA and submitted an undertaking to the effect that tree guard made of concrete will be installed along with tree saplings.

During discussions, the representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC and amended by the SEIAA

The SEIAA observed that the case stands recommended by SEAC and the Committee has awarded 'Silver Grading' to the project proposal. The SEIAA looked into the details of the case and was satisfied with the same.

Therefore, the Authority decided to accept the recommendations of SEAC and grant Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land located in the revenue estate of village Jevanwal, Tehsil & District Hoshiarpur, Punjab submitted by M/s Prime Vision Industries Pvt. Ltd. as per approved mining Plan with the manual method of mining only & subsequent presentation /clarifications made by the

project proponent and his consultant, with proposed measures and following conditions as recommended by SEAC & certain amendments therein & agreed by the Project proponent:

A. Specific conditions:

- 1) The environmental clearance will be valid for a period of seven years from the date of issuance or till the validity of the mining contract whichever is earlier, as per the provisions of the EIA Notification, 2006 as amended subsequently, for mining of minor minerals in the above said location and Khasra numbers.
- 2) The project proponent shall carry out mining only by the manual method.
- 3) Mining lease area shall be demarcated on the ground with pucca pillars and geo-referencing shall be done prior to start of mining.
- 4) The project proponent shall start mining only after geo-coordinates of the site are made available to the District Level Committee.
- 5) The project proponent shall submit a report on suitability of site for mining by the Sub-Divisional Committee headed by SDM to Punjab Pollution Control Board (PPCB) before start of the mining & obtaining consent to operate under Water Act, 1974 and Air Act, 1981.
- 6) The applicant shall also submit a copy of the demarcation report of the site duly certified by revenue officer not below the rank of Kanungo, to the Punjab Pollution Control Board, before obtaining consent to operate under Water Act, 1974 and Air Act, 1981.
- 7) The applicant shall also submit the consent of all the concerned landowner (s) of the site for carrying out the mining operation to Punjab Pollution Control Board, before obtaining the consent to operate under Water Act, 197 and Air Act, 1981.
- 8) Mining shall be as per the approved Development/Mining Plan prepared for this project and as per the Mines & Mineral (Development & Regulation) Act, 1957 and rules framed there under as amended from time to time, other Acts/rules related with mining of minor minerals.
- 9) The mining activity shall be carried out strictly as per guidelines contained in the Sustainable Sand Mining Management Guidelines 2016 and provisions made in the Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by MoEF&CC, New Delhi as amended from time to time and guidelines issued by Geological Survey of India.
- 10) The mining operation will be carried out only from sun-rise to sunset.
- 11) The project proponent shall obtain Consent to Establish and Consent to Operate from the Punjab Pollution Control Board and effectively implement all the conditions stipulated therein.
- 12) The Mining Officer shall observe the mining site after every 15 days and in case, a Schedule-I or Schedule-II species as per Wildlife Act or any rare or endangered

- species are reported, the Mining Officer will get a conservation plan prepared in consultation with the Department of Wildlife and ensure its implementation.
- 13) The mining of minor mineral (sand) shall be carried out only up to a depth of 3.0 m as proposed in the approved mining plan or one metre above the groundwater level, whichever is less.
 - 14) The mining shall be carried out by the contractor/lessor as per the EMP prepared and development / mining plan prepared as per the Mines & Mineral (Development & Regulation) Act, 1957 / other Acts/Rules related with mining of minor minerals.
 - 15) The Project Proponent and Mining Officer shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
 - 16) The project proponent shall undertake plantation/afforestation work by planting the native species in the nearby area adjacent to mine lease.
 - 17) The project proponent shall ensure that effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Ministry of Environment & Forests/Punjab Pollution Control Board in this regard.
 - 18) The project proponent shall undertake adequate safeguard measures during extraction of sand and ensure that due to this activity, the hydro-geological and ecological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells, if any, and installing new piezometers during the mining operation.
 - 19) The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to the District Mining Officer on monthly basis.
 - 20) The periodic monitoring [(at least four times in a year- pre-monsoon (April May), monsoon (August), post-monsoon (November) and winter (January)); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office at Chandigarh, the Central Ground Water Authority, the Regional Director, Central Ground Water Board; SEIAA, Punjab and Punjab Pollution Control Board. If at any stage, it is observed that the groundwater table is getting depleted or rising due to the mining activity, necessary corrective measures shall be carried out.
 - 21) The project proponent shall obtain necessary prior permission of the competent authorities/CGWA for drawl of requisite quantity of water (surface water and groundwater), if any, required for the project.

- 22) In case, mining site falls in the notified block declared by the CGWA, the project proponent shall obtain necessary prior permission for drawl of requisite quantity of water for domestic purposes from District Advisory Committee (DAC) and only treated waste water will be used for dust suppression activities.
- 23) The project proponent shall construct rain water recharging pits along with desilting chambers in the near by Govt. Primary School, Jevanwal. The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits . In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse.
- 24) The proponent shall plant 1380 number of plants of native species of not less than 3 ft in size at the identified location in the village near to the mining site and protect the same with tree guards made of concrete. The proponent shall make adequate provision of funds and ensure maintenance of the plants for a further period of three years.
- 25) Appropriate mitigation measures shall be taken by the project proponent to prevent pollution at the mining site in consultation with the Punjab Pollution Control Board. It shall be ensured that there is no leakage of oil and grease at the mining site from the vehicles/mining equipment's used for transportation.
- 26) Vehicular emissions shall be kept under control and regularly monitored. The project proponent shall ensure that will not pass through any village. The transportation hours of mined material shall be restricted to non-peak hours only..
- 27) The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. All the public roads as well as approach roads shall be maintained and it shall be ensured that tippers carrying mined material are not loaded beyond the permissible load as per designed load bearing capacity of the road. Moreover, provision of sufficient funds shall be made in the budget for the proper maintenance of the roads.
- 28) Mineral handling area shall be provided with the adequate number of dust suppression systems. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
- 29) A First Aid Room shall be provided in the project both during construction and operations of the project.
- 30) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- 31) Provision shall be made for the housing of workers, if residing at site, within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. In case of non-residential/daily workers, provision of adequate bath rooms, mobile toilets, and mobile STP shall be made to avoid open

defecation and treated domestic effluent shall be discharged onto land for plantation.

- 32) The municipal solid waste generated shall be disposed of as per Solid Waste Management Rules, 2016. Segregation of bio-degradable and non-biodegradable wastes shall be done at site and disposed of as per provisions of Solid Waste Management Rules. Dustbins will be provided at site and the workers will be guided to put the domestic waste and plastic carry bags etc. if any, in the dustbin. No littering will be permitted at the site as well as in the vicinity.
- 33) The critical parameters such as RSPM (Particulate matter with size less than 10 microns i.e., PM10) and NO in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH, Faecal Coliform and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009 issued by Ministry of Environment and Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.
- 34) The project proponent shall take all precautionary measures during mining operation for conservation and protection of rare and endangered flora & fauna found in the study area. Action plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab.
- 35) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility (CER). The project proponent shall adhere to the commitments made in the proposal for CER that an amount of Rs 1,78,000/- will be spent on the following activities within Ist year of grant of environmental Clearance:-

| Sr. No. | Particulars | Amount (in Rs) | Schedule |
|---------|---|----------------|---|
| 1 | Project Proponent will install 4 KW Solar power mini station at Government primary School, Village Jevanwal, Tehsil & District Hoshiarpur (Punjab). | 1,60,000/- | Work will be completed within one year from the date of grant of EC |
| 2 | Project Proponent will provide drinking water facility in surrounding | 18,000/- | |

| | | | |
|-------|--|-----------|--|
| | village and school by constructing water tanks at school | | |
| Total | | 1,78,000/ | |

- 36) Vehicles hired to be used for transportation of mined material should be in good condition and should conform to applicable air and noise emission standards as provided in the Vehicular Act.
- 37) Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored.
- 38) The Risk assessment and disaster management plan should be prepared.
- 39) The project proponent shall submit the site plan showing the earmarked area for storage of mined material.
- 40) No mining operation shall be carried out at any point within 75 m of railway line, 60 m from national highway, 50 m from HT line/any public works/reservoirs, tanks/canal/public roads and buildings or inhabited or 10 m of outer edge of any village road. A safety barrier of 7.5m width shall be left intact around the mine lease boundary.
- 41) The project proponent shall ensure the implementation of the post closure mining plan as proposed by the project proponent in the mining plan.
- 42) The project proponent shall comply with the condition imposed by District Forest Officer (DFO) while granting NOC.
- 43) The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

B. General Conditions:

- (i) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forests & Climate Change.
- (ii) No change in the calendar plan including excavation, quantum of mineral sand/gravel (minor mineral) and waste should be made.
- (iii) Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM) and NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the Punjab Pollution Control Board.
- (iv) Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM) & NO_x should be regularly submitted to the Ministry of Environment and Forests including its Regional office located at Chandigarh and the Punjab Pollution

Control Board / Central Pollution Control Board once in six months and SEIAA, Punjab.

- (v) Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- (vi) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- (vii) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- (viii) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Chandigarh and SEIAA, Punjab.
- (ix) The project proponent should inform to the Regional Office of the Ministry of Environment & Forests located at Chandigarh and SEIAA, Punjab regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- (x) The Regional Office of Ministry of Environment & Forests located at Chandigarh and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- (xi) The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab.
- (xii) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ 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 on the website of the Company by the proponent.

- (xiii) The Project Proponent should display a copy of the clearance letter at the Regional office, District Industries Centre and the Collector's office/ Tehsildar's office.
- (xiv) The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the concerned Punjab 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 environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab by e-mail.
- (xv) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility.
- (xvi) The project proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the Punjab Pollution Control Board and also at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of Ministry of Environment & Forests at Chandigarh and SEIAA, Punjab.
- (xvii) The Ministry of Environment, Forests & Climate Change and SEIAA, Punjab or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- (xviii) The SEIAA may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, it is found/ come to the knowledge of the SEIAA that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.
- (xix) The project proponent shall get the micro chemical analysis of the mined material done from an approved laboratory once in a year and shall submit the analysis results to the Ministry of Environment & Forests/Punjab Pollution Control Board and SEIAA, Punjab.
- (xx) The project proponent shall ensure that the contractor shall engage people of local area for mining purpose as far as possible, so as to have opportunities of employment for them.
- (xxi) The project proponent may apply for transfer of environmental clearance under EIA notification dated 14.09.2006 to the other contractor finalized by the Department of Industries & Commerce to SEIAA, Punjab. However, no activity shall be undertaken by the contractor till the environmental clearance is

transferred in his name and he is lawfully bound to comply with the conditions of the environmental clearance.

- (xxii) The monitoring of the mining project in respect of Environment Management shall be carried out by the State/District Level Environment Management Cells constituted by the Govt. of Punjab vide notifications dated 03.12.2012.
- (xxiii) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under.

Item No: 170.09 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals On Agricultural Land in the village Sandwal, Tehsil Hoshiarpur & District Hoshiarpur, Punjab submitted by M/S Prime Vision Industries Private Limited (Proposal No. SIA/PB/MIN/148725/2020)

The facts of the case are as under:

M/S Prime Vision Industries Private Limited has applied for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for mining of minor minerals Gravel from Agricultural land in the revenue estate of **village Sandwal, Tehsil Hoshiarpur & District Hoshiarpur, Punjab** on 13.03.2020. The project is covered under category B2 of the Schedule appended to the said Notification.

Further, on the basis of scrutiny of application, EDS were raised by SEIAA on 25.03.2020, 18.08.2020 & 31.08.2020 to which project proponent replied. After considering the reply, updated status of the documents attached with the application is as under: -

1.0 Status of documents attached with the application

(A) General

| | | |
|-----|--|--|
| i) | Name of Applicant & Correspondence address: Mobile No: Email ID: | M/S Prime Vision Industries Private Limited 312 Third Floor, Vishal Chamber P-1, Sector-18, Noida, Distt. Gautam Budh Nagar, Uttar Pradesh , 9460228410 |
| ii) | Name of Environmental Consultant Mobile No. Email ID | Overseas Min Tech Consultants) 9460221084 arun.omtc@gmail.com |

B) Detail of the Documents

The project proponent submitted all the requisite documents as per the checklist of the mining case along with Form-02. The project proponent submitted a hard copy of the same, which was taken on record.

The case was considered by SEAC in its 192nd meeting held on 01.09.2020 and the meeting was attended by the following through Video Conference on behalf of the project proponent:

- i) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.
- ii) Sh. Sameer Kumar Singh, EIA Coordinator, Overseas Mintech Consultant, Jaipur, Rajasthan, Environment Consultant of the promoter company.

SEAC allowed the project proponent to present the salient features of the project and the Environment Consultant of the promoter company presented the same as under:

| S.No. | | Item | | | Details | |
|--------------|---|--|------------------|---|--------------------|-----------------|
| 1. | Online Proposal No. | | | SIA/PB/MIN/148725/2020 | | |
| 2. | Project Name & Location | | | Sandwal Gravel Mining Project At Hadbast No-356, Village-Sandwal, District-Hoshiarpur, State- Punjab. | | |
| 3 | Project/activity covered under item of scheduled to the EIA Notification,14.09.2006 | | | 1(a) mining of minor mineral | | |
| 4 | Details of Mining Lease | | | | | |
| | i) | Mineral (s) to be mined | | Gravel | | |
| | ii) | Capacity of Mine | | 43556.33 TPA | | |
| | iii) | Mining Lease Area | | Total area is 3.04 Ha | | |
| | iv) | Details Letter of Intent (LOI)/E-Auction issued by the State Govt. | | LOI No: 720/E-Auction Date of Issue: 31/07/2019 Validity of LOI: 3 year Mining Lease Area: 3.04 Ha. Mining Quantity: 43556.33 TPA | | |
| 5 | HadBast No. | | | 356 | | |
| 6 | Land Khasra No. & their consent details | | | | | |
| | | Sr No | Type | Khasra No | | Consent details |
| | | 1 | Govt Land | | | |
| | | 2 | Private Land | 19//11/2(6-18),12/2(6-18),13(6-12),16(8- 0),17(8-0),18(7-12,19/1(2-4))19/2(5-16),20(8-0) | | Provided |
| 7. | Latitude & Longitude | | | | | |
| | | Sr. No | Pillar No | Latitude N | Longitude E | |
| | | 1 | A | 31°59'0.91"N | 75°43'40.74"E | |
| | | 2 | B | 31°59'2.95"N | 75°43'40.71"E | |
| | | 3 | C | 31°59'3.00"N | 75°43'35.50"E | |
| | | 4 | D | 31°59'4.66"N | 75°43'35.50"E | |
| | | 5 | E | 31°59'4.58"N | 75°43'27.91"E | |
| | | 6 | F | 31°59'1.03"N | 75°43'28.21"E | |

| 8 | Whether the project attracts the General Condition. | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--|--|--------|-------------------|------------|----|-------------|-----|-----|--------------|------|------|-----------------|-----|-----|--------------|-----|----|------------|-----|-----|------------|------|--------|----------|------------|----|------------------|------|-----|-------------------|---|------|------------|---|-----|----------------------|---|----|-----------------|---|
| 9. | Does the project involves diversion of forest land.If yes, a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof | No. The project proponent has obtained certificate from DFO Hoshiarpur vide letter No 542 dated 22.06.2020. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Does the project fall within 10 km of eco-sensitive area/ National park/Wild Life Sanctuary? If yes, Status of NOC. If No, If No, submit documentary proof | No. No any important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests within 15 km radios. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. | Land requirement for the project | <p>Prior to the project proposal</p> <table border="1"> <thead> <tr> <th>Sr No.</th> <th>Ownership pattern</th> <th>Area in Ha</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>Forest Land</td> <td>Nil</td> </tr> <tr> <td>ii)</td> <td>Private land</td> <td>3.04</td> </tr> <tr> <td>iii)</td> <td>Government land</td> <td>Nil</td> </tr> <tr> <td>iv)</td> <td>Revenue land</td> <td>Nil</td> </tr> <tr> <td>v)</td> <td>Other land</td> <td>Nil</td> </tr> <tr> <td>vi)</td> <td>Total land</td> <td>3.04</td> </tr> </tbody> </table> <p>Present Land use Break Up</p> <table border="1"> <thead> <tr> <th>Sr No.</th> <th>Land use</th> <th>Area in Ha</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>Agriculture Area</td> <td>3.04</td> </tr> <tr> <td>ii)</td> <td>Waste/Barren Area</td> <td>0</td> </tr> <tr> <td>iii)</td> <td>Settlement</td> <td>0</td> </tr> <tr> <td>iv)</td> <td>Surface water Bodies</td> <td>0</td> </tr> <tr> <td>v)</td> <td>Other(Specify)</td> <td>0</td> </tr> </tbody> </table> | Sr No. | Ownership pattern | Area in Ha | i) | Forest Land | Nil | ii) | Private land | 3.04 | iii) | Government land | Nil | iv) | Revenue land | Nil | v) | Other land | Nil | vi) | Total land | 3.04 | Sr No. | Land use | Area in Ha | i) | Agriculture Area | 3.04 | ii) | Waste/Barren Area | 0 | iii) | Settlement | 0 | iv) | Surface water Bodies | 0 | v) | Other(Specify) | 0 |
| Sr No. | Ownership pattern | Area in Ha | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i) | Forest Land | Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ii) | Private land | 3.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iii) | Government land | Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iv) | Revenue land | Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| v) | Other land | Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| vi) | Total land | 3.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sr No. | Land use | Area in Ha | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i) | Agriculture Area | 3.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ii) | Waste/Barren Area | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iii) | Settlement | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iv) | Surface water Bodies | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| v) | Other(Specify) | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. | Cost of the project | Rs. 40 Lakhs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. | Details of Final District Survey Report | Approved by :-DM Reference No:1863 Date of Issue:6.12.19 Mining Lease Area: 3.04 Mining Quantity: 43556.33 TPA Mining Depth:3.0 m Safe distance from banks (m)-NA Annual rate of replenishment as per the study conducted-NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|-----|--|---|-----------------------|
| 14 | Details of visit report of Sub Divisional Level Committee | Submitted | |
| 15 | Details of Mining Plan | Approved by :-State Geologists Approval Letter No: 285 dated:04.03.2020 Approved Mining Quantity: 43556.33 TPA Depth of Mining (m):3.0 m | |
| 16 | Demarcation report of mining site | Submitted | |
| 17. | Workers (when fully operational) | 37 Persons. | |
| 18. | Water Requirements & source | Domestic: 0.5 KLD Dust Suppression:1.0 KLD Plantation:1.5 KLD Total:3.0 KLD Ground water/Others: From water tanker. | |
| 19. | Waste water generation, Treatment & its Disposal | i) Quantity of Waste water : Nil (80% of water requirement) ii) Treatment Method: Portable toilets are proposed to be provided by the proponent in the mining site. After treatment will be disposed of plantation purpose. | |
| 20 | Solid waste generation and its disposal | Solid waste will be disposed off through the local body. | |
| 21. | Green Belt Development Plan including no. of trees to be planted & its species. | Tree cutting (if any) : Nil No of plant to be planted: 1002 Funds Allocated: Rs 10,02,000/- | |
| 22 | Environment Management Plan along with Budgetary breakup and responsibility to implement | M/S Prime Vision Industries Private Limited will be responsible for the implementation of EMP till the mining activities closed as per the mining plan. | |
| | S. No | Particulars | Amount (in Rs) |
| | 1 | Air Pollution Control - Water Sprinkling/Dust Suppression | 40,000 |
| | 2 | | |
| | 3 | Green Belt Development | 10,02,000 |
| | 4 | Environmental Monitoring | 40,000 |

| | Total | 10,82,000/- | | | | | | | | | | | | | | | |
|---------|--|---------------------------|---------|-------------|----------------|---|---|-------------|---|---|-----------|---|---|-------------|--|--------------|---------------------------|
| 23 | <p>CER activities along with budgetary break-up and responsibility to implement M/S Prime Vision Industries Private Limited will be responsible for the implementation of Corporate Environmental Responsibility (CER). As the project cost is Rs 40 lakh- and Rs 1.40 lakh per annum have been reserved for CER activities as per Office Memorandum of CER dated 01.05.2018. It was proposed to spent on the followings:</p> <table border="1"> <thead> <tr> <th style="text-align: center;">Sr. No.</th> <th style="text-align: center;">Particulars</th> <th style="text-align: center;">Amount (in Rs)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Providing Furniture nearby govt. school Sandwal</td> <td style="text-align: right;">Rs 20,000/-</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Distribution of Sanitary napkins in nearby village & School</td> <td style="text-align: right;">Rs 20,000</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Installation of Solar Panel and proposed rain water harvesting near by Govt. School</td> <td style="text-align: right;">Rs 1,00,000</td> </tr> <tr> <td></td> <td style="text-align: center;">Total</td> <td style="text-align: right;">Rs 1.40 lakh/Annum</td> </tr> </tbody> </table> | | Sr. No. | Particulars | Amount (in Rs) | 1 | Providing Furniture nearby govt. school Sandwal | Rs 20,000/- | 2 | Distribution of Sanitary napkins in nearby village & School | Rs 20,000 | 3 | Installation of Solar Panel and proposed rain water harvesting near by Govt. School | Rs 1,00,000 | | Total | Rs 1.40 lakh/Annum |
| Sr. No. | Particulars | Amount (in Rs) | | | | | | | | | | | | | | | |
| 1 | Providing Furniture nearby govt. school Sandwal | Rs 20,000/- | | | | | | | | | | | | | | | |
| 2 | Distribution of Sanitary napkins in nearby village & School | Rs 20,000 | | | | | | | | | | | | | | | |
| 3 | Installation of Solar Panel and proposed rain water harvesting near by Govt. School | Rs 1,00,000 | | | | | | | | | | | | | | | |
| | Total | Rs 1.40 lakh/Annum | | | | | | | | | | | | | | | |

SEAC asked the project proponent and his Environmental Consultant to clarify the following observations to which he replied as under: -

| Sr. No. | Observations | Reply submitted by the project proponent and his Environmental Consultant |
|---------|---|---|
| 1. | The site falls in the notified area and the project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to District Mining Officer on monthly basis. | The project proponent agreed to the same. |
| 2. | The project proponent is required to plant trees of natives species having | The project proponent agreed to the same. |

| | | |
|----|--|---|
| | plant height more than 3 ft along with tree guard. | |
| 3. | The project proponent is required to submit an undertaking to the effect that the mining shall be carried out as per the approved Mining Plan and comply with the terms and conditions of the Department of Mines & Geology, Govt. of Punjab as issued from time to time. | The project proponent agreed to the same. |
| 4. | As per the condition no. 21 mentioned in the standard Environmental Conditions for sand mining as given in the Sustainable Sand Mining Management Guidelines, 2016, mining should begin only after pucca pillar, marking the boundary of lease area, is erected at the cost of the lease holder after certification by the mining official and its geo-coordinates are made available to the District Level Committee and a condition to the same shall be imposed in the Environmental Clearance issued to the project proponent. | The project proponent agreed to the same. |
| 5. | The project proponent could not justify as to why the semi-mechanized mining is better for the environment as compared to manual mining. The Committee decided that the project proponent shall carry out mining only by manual method. | The project proponent agreed to the same. |

SEAC was satisfied with the presentation and reply given to the observation. SEAC took a copy of the presentation along with a reply on record.

After deliberations, SEAC decided to award silver grading to the project and forward the application of the project proponent to SEIAA with the recommendations to grant Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land located in the revenue estate of village Sandwal, Tehsil & District Hoshiarpur, Punjab submitted by M/s Prime Vision Industries Pvt. Ltd. as per Annexure-1 along with the following additional conditions:

1. The project proponent shall carry out mining only by the manual method.
2. The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to District Mining Officer on monthly basis.
3. The project proponent shall begin mining only after pucca pillar marking, the boundary of lease area is erected at the cost of the lease holder after certification by the mining official and its geo- coordinates are made available to the District Level Committee.
4. The proponent shall plant 1002 number of plants of native species of not less than 3 ft in size at the identified location and protect the same with tree guards. The proponent shall make adequate provision of funds and ensure maintenance of the plants for a further period of three years
5. The project proponent shall construct rain water harvesting pits along with desilting chambers in the Govt. Primary School of the village Sandwal, Tehsil & Distt- Hoshiarpur. The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits.
6. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least a minimum amount of Rs. 1,40,000/- towards the following activities:

| Sr. No. | Particulars | Amount (in Rs) |
|----------------|---|---------------------------|
| 1 | Providing Furniture nearby govt. school Sandwal | Rs 20,000/- |
| 2 | Distribution of Sanitary napkins in nearby village & School | Rs 20,000 |
| 3 | Installation of Solar Panel and proposed rain water harvesting near by Govt. School | Rs 1,00,000 |
| | Total | Rs 1.40 lakh/Annum |

3.0 Deliberations during 170th meeting of SEIAA held on 16.09.2020

The case was placed before SEIAA in its 170th meeting held on 16.09.2020 and the same was attended by the following through video conference: -

- i) Sh. Harkesh Singh, Authorised signatory, on behalf of the project proponent.
- ii) Sh. Sameer Kumar Singh, EIA Coordinator, Overseas Mintech Consultant, Jaipur, Rajasthan, Environment Consultant of the promoter company.

Environmental Consultant of the Promoter company presented the salient feature of the project and submitted a copy of the presentation, which was taken on record by the SEIAA.

SEIAA raised certain queries to which the environmental consultant of the promoter company replies as under: -

Query 1: As to whether the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM has been submitted in this case.

Reply 1: The PP informed that instead a report from the Site Appraisal Committee (SAC) has been submitted. However, he agreed to submit the requisite report on suitability of site for mining by the Sub-Divisional Committee headed by SDM before the start of the mining and also before obtaining consent to operate under Water Act, 1974 and Air Act, 1981 to Punjab Pollution Control Board(PPCB).

Query 2: Whether the transportation route in this case is through any village?

Reply 2 : The transportation route is not through any village.

Query 3: An amount of Rs 40,000/- proposed in the EMP for environment monitoring (Air, water and noise pollution) is not adequate and the same is required to be increased.

Reply 3: Environmental consultant of the promoter company agreed to increase the Environment monitoring cost as suggested by SEIAA and submitted an undertaking to the effect that Rs 80,000/- will be provided per year for Air, Water and Noise monitoring.

Query 4: SEAC has imposed a special condition that project proponent shall carry out mining only by the manual method whereas open Cast semi-mechanized Method of mining has been proposed in the presentation. Clarify?

Reply 4: Environmental consultant of the promoter company replied that they accept the condition imposed by the SEAC and the manpower required for the mining has been calculated considering the manual method of mining.

Query 5: Submit the calculation regarding the capacity of the mine site.

Reply 5: The detail calculation regarding the capacity of the mine site was submitted, which was taken on record. As per the calculations, the capacity of the mine is 130669 MT (i.e 43556.33 TPA)

Query 6: Project cost shall be revised by considering the operational cost of the mining including the transportation cost and accordingly is required to submit revised Corporate Environmental Responsibility indicating the activity, amount to be spent and time schedule.

Reply 6 : The project proponent submitted the revised cost of project Rs 89 lacs and also submitted the revised proposal to spend Rs. 1.78 lacs for the purpose of CER as per OM dated 01.05.2018 as under: -

| Sr. No. | Particulars | Amount (in Rs) | Schedule |
|---------|--|----------------|---|
| 1 | Project Proponent will install 4 KW Solar power mini station at Government primary School, Village Sandwal, Tehsil & District Hoshiarpur (Punjab). | 1,60,000/- | Work will be completed within one year from the date of grant of EC |
| 2 | Project Proponent will provide drinking water facility in surrounding village and school by constructing water tanks at school | 18,000/- | |
| Total | | 1,78,000/ | |

Query 7 : SEIAA suggested that tree guard made of concrete should be used in place of tree guard made of Iron as theft of Iron made Tree Guards is very common.

Reply 7: Environmental consultant of the promoter company agreed with the suggestion of SEIAA and submitted an undertaking to the effect that tree guard made of concrete will be installed along with tree saplings.

During discussions, the representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC and amended by the SEIAA

The SEIAA observed that the case stands recommended by SEAC and the Committee has awarded 'Silver Grading' to the project proposal. The SEIAA looked into the details of the case and was satisfied with the same.

Therefore, the Authority decided to accept the recommendations of SEAC and grant Environmental Clearance for mining of minor minerals (Sand) on Agricultural Land located village Sandwal, Tehsil & District Hoshiarpur, Punjab submitted by M/s Prime Vision Industries Pvt. Ltd. as per approved mining Plan with the manual method of mining only & subsequent presentation /clarifications made by the project proponent and his consultant, with proposed measures and following conditions as recommended by SEAC & certain amendments therein & agreed by the Project proponent:

A. Specific conditions:

- 1) The environmental clearance will be valid for a period of seven years from the date of issuance or till the validity of the mining contract whichever is earlier, as per the provisions of the EIA Notification, 2006 as amended subsequently, for mining of minor minerals in the above said location and Khasra numbers.
- 2) The project proponent shall carry out mining only by the manual method.
- 3) Mining lease area shall be demarcated on the ground with pucca pillars and geo-referencing shall be done prior to start of mining.

- 4) The project proponent shall start mining only after geo-coordinates of the site are made available to the District Level Committee.
- 5) The applicant shall also submit a copy of the demarcation report of the site duly certified by revenue officer not below the rank of Kanungo, to the Punjab Pollution Control Board, before obtaining consent to operate under Water Act, 1974 and Air Act, 1981.
- 6) The applicant shall also submit the consent of all the concerned landowner (s) of the site for carrying out the mining operation to Punjab Pollution Control Board, before obtaining the consent to operate under Water Act, 197 and Air Act, 1981.
- 7) Mining shall be as per the approved Development/Mining Plan prepared for this project and as per the Mines & Mineral (Development & Regulation) Act, 1957 and rules framed there under as amended from time to time, other Acts/rules related with mining of minor minerals.
- 8) The mining activity shall be carried out strictly as per guidelines contained in the Sustainable Sand Mining Management Guidelines 2016 and provisions made in the Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by MoEF&CC, New Delhi as amended from time to time and guidelines issued by Geological Survey of India.
- 9) The mining operation will be carried out only from sun-rise to sunset.
- 10) The project proponent shall obtain Consent to Establish and Consent to Operate from the Punjab Pollution Control Board and effectively implement all the conditions stipulated therein.
- 11) The Mining Officer shall observe the mining site after every 15 days and in case, a Schedule-I or Schedule-II species as per Wildlife Act or any rare or endangered species are reported, the Mining Officer will get a conservation plan prepared in consultation with the Department of Wildlife and ensure its implementation.
- 12) The mining of minor mineral (sand) shall be carried out only up to a depth of 3.0 m as proposed in the approved mining plan or one metre above the groundwater level, whichever is less.
- 13) The mining shall be carried out by the contractor/lessor as per the EMP prepared and development / mining plan prepared as per the Mines & Mineral (Development & Regulation) Act, 1957 / other Acts/Rules related with mining of minor minerals.
- 14) The Project Proponent and Mining Officer shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
- 15) The project proponent shall undertake plantation/afforestation work by planting the native species in the nearby area adjacent to mine lease.
- 16) The project proponent shall ensure that effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to

the norms prescribed by the Ministry of Environment & Forests/Punjab Pollution Control Board in this regard.

- 17) The project proponent shall undertake adequate safeguard measures during extraction of sand and ensure that due to this activity, the hydro-geological and ecological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells, if any, and installing new piezometers during the mining operation.
- 18) The project proponent is required to earmark two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site. Also, monthly monitoring of the water level in the wells is required to be carried out and reported to the District Mining Officer on monthly basis.
- 19) The periodic monitoring [(at least four times in a year- pre-monsoon (April May), monsoon (August), post-monsoon (November) and winter (January)); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office at Chandigarh, the Central Ground Water Authority, the Regional Director, Central Ground Water Board; SEIAA, Punjab and Punjab Pollution Control Board. If at any stage, it is observed that the groundwater table is getting depleted or rising due to the mining activity, necessary corrective measures shall be carried out.
- 20) The project proponent shall obtain necessary prior permission of the competent authorities/CGWA for drawl of requisite quantity of water (surface water and groundwater), if any, required for the project.
- 21) In case, mining site falls in the notified block declared by the CGWA, the project proponent shall obtain necessary prior permission for drawl of requisite quantity of water for domestic purposes from District Advisory Committee (DAC) and only treated waste water will be used for dust suppression activities.
- 22) The project proponent shall construct rain water recharging pits along with desilting chambers in the near by Govt. Primary School of the village Sandwal, Tehsil & Distt- Hoshiarpur. The project proponent shall follow the CGWA guidelines for constructing the rainwater recharging pits . In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse.
- 23) The proponent shall plant 1002 number of plants of native species of not less than 3 ft in size at the identified location in the village near to the mining site and protect the same with tree guards made of concrete. The proponent shall make adequate provision of funds and ensure maintenance of the plants for a further period of three years.
- 24) Appropriate mitigation measures shall be taken by the project proponent to prevent pollution at the mining site in consultation with the Punjab Pollution Control Board. It shall be ensured that there is no leakage of oil and grease at the mining site from the vehicles/mining equipment's used for transportation.

- 25) Vehicular emissions shall be kept under control and regularly monitored. The project proponent shall ensure that will not pass through any village. The transportation hours of mined material shall be restricted to non-peak hours only.
- 26) The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. All the public roads as well as approach roads shall be maintained and it shall be ensured that tippers carrying mined material are not loaded beyond the permissible load as per designed load bearing capacity of the road. Moreover, provision of sufficient funds shall be made in the budget for the proper maintenance of the roads.
- 27) Mineral handling area shall be provided with the adequate number of dust suppression systems. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
- 28) A First Aid Room shall be provided in the project both during construction and operations of the project.
- 29) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- 30) Provision shall be made for the housing of workers, if residing at site, within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. In case of non-residential/daily workers, provision of adequate bath rooms, mobile toilets, and mobile STP shall be made to avoid open defecation and treated domestic effluent shall be discharged onto land for plantation.
- 31) The municipal solid waste generated shall be disposed of as per Solid Waste Management Rules, 2016. Segregation of bio-degradable and non-biodegradable wastes shall be done at site and disposed of as per provisions of Solid Waste Management Rules. Dustbins will be provided at site and the workers will be guided to put the domestic waste and plastic carry bags etc. if any, in the dustbin. No littering will be permitted at the site as well as in the vicinity.
- 32) The critical parameters such as RSPM (Particulate matter with size less than 10 microns i.e., PM10) and NO in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH, Faecal Coliform and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009 issued by Ministry of Environment and Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.

- 33) The project proponent shall take all precautionary measures during mining operation for conservation and protection of rare and endangered flora & fauna found in the study area. Action plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab.
- 34) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility (CER). The project proponent shall adhere to the commitments made in the proposal for CER that an amount of Rs 1,78,000/- will be spent on the following activities within 1st year of grant of environmental Clearance:-

| Sr. No. | Particulars | Amount (in Rs) | Schedule |
|---------|--|----------------|---|
| 1 | Project Proponent will install 4 KW Solar power mini station at Government primary School, Village Sandwal, Tehsil & District Hoshiarpur (Punjab). | 1,60,000/- | Work will be completed within one year from the date of grant of EC |
| 2 | Project Proponent will provide drinking water facility in surrounding village and school by constructing water tanks at school | 18,000/- | |
| Total | | 1,78,000/ | |

- 35) Vehicles hired to be used for transportation of mined material should be in good condition and should conform to applicable air and noise emission standards as provided in the Vehicular Act.
- 36) Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored.
- 37) The Risk assessment and disaster management plan should be prepared.
- 38) The project proponent shall submit the site plan showing the earmarked area for storage of mined material.
- 39) No mining operation shall be carried out at any point within 75 m of railway line, 60 m from national highway, 50 m from HT line/any public works/reservoirs, tanks/canal/public roads and buildings or inhabited or 10 m of outer edge of any

village road. A safety barrier of 7.5m width shall be left intact around the mine lease boundary.

- 40) The project proponent shall ensure the implementation of the post closure mining plan as proposed by the project proponent in the mining plan.
- 41) The project proponent shall comply with the condition imposed by District Forest Officer (DFO) while granting NOC.
- 42) The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

B. General Conditions:

- 1) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forests & Climate Change.
- 2) No change in the calendar plan including excavation, quantum of mineral sand/gravel (minor mineral) and waste should be made.
- 3) Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM) and NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the Punjab Pollution Control Board.
- 4) Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM) & NO_x should be regularly submitted to the Ministry of Environment and Forests including its Regional office located at Chandigarh and the Punjab Pollution Control Board / Central Pollution Control Board once in six months and SEIAA, Punjab.
- 5) Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- 6) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- 7) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 8) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Chandigarh and SEIAA, Punjab.

- 9) The project proponent should inform to the Regional Office of the Ministry of Environment & Forests located at Chandigarh and SEIAA, Punjab regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- 10) The Regional Office of Ministry of Environment & Forests located at Chandigarh and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- 11) The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh, the respective Zonal Office of Central Pollution Control Board and the Punjab Pollution Control Board and SEIAA, Punjab.
- 12) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ 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 on the website of the Company by the proponent.
- 13) The Project Proponent should display a copy of the clearance letter at the Regional office, District Industries Centre and the Collector's office/ Tehsildar's office.
- 14) The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the concerned Punjab 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 environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh and SEIAA, Punjab by e-mail.
- 15) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility.
- 16) The project proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance

letter is available with the Punjab Pollution Control Board and also at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of Ministry of Environment & Forests at Chandigarh and SEIAA, Punjab.

- 17) The Ministry of Environment, Forests & Climate Change and SEIAA, Punjab or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- 18) The SEIAA may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, it is found/ come to the knowledge of the SEIAA that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.
- 19) The project proponent shall get the micro chemical analysis of the mined material done from an approved laboratory once in a year and shall submit the analysis results to the Ministry of Environment & Forests/Punjab Pollution Control Board and SEIAA, Punjab.
- 20) The project proponent shall ensure that the contractor shall engage people of local area for mining purpose as far as possible, so as to have opportunities of employment for them.
- 21) The project proponent may apply for transfer of environmental clearance under EIA notification dated 14.09.2006 to the other contractor finalized by the Department of Industries & Commerce to SEIAA, Punjab. However, no activity shall be undertaken by the contractor till the environmental clearance is transferred in his name and he is lawfully bound to comply with the conditions of the environmental clearance.
- 22) The monitoring of the mining project in respect of Environment Management shall be carried out by the State/District Level Environment Management Cells constituted by the Govt. of Punjab vide notifications dated 03.12.2012.
- 23) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under.

Item No.170.10: Regarding transfer of Environmental Clearance granted under EIA notification dated 14.09.2006 to General Manager-cum-Mining Officer, District- SAS Nagar Mohali, for mining of minor minerals in the revenue estate of Village Bhankharpur, Tehsil-Dera Bassi, District SAS Nagar in the name of M/s Rakesh kumar Choudhary, 51B/D, Gandinagar, Jammu J&k. (Proposal no. SIA/PB/MIN/166583/2020).

The facts of the case are as under :

The Executive Director, Punjab Small Industries & Export Corporation Ltd.(PSIEC) was granted Environmental Clearance under EIA notification dated 14.09.2006 vide no-J-11015/159/2010-IA.II(M) dated 20.02.2015 for carrying out mining of minor minerals (sand) @ 28,000 TPA in an area of 20.26 hectares in the revenue estate of Village Bhankharpur, Tehsil-Dera Bassi, District SAS Nagar, subject to the certain conditions.

The said Environmental Clearance was valid for a period of five years i.e. upto 19.02.2020. However, the validity of the said EC can be assumed valid upto 19.02.2022, in light of the provisions of the OM No. 22-27/2015- IA-III, MoEF&CC (IA Division) dated 12.04.2016.

The Executive Engineer (Drainage)- cum- District Mining Officer, Mohali mining division SAS Nagar vide letter no. 4995-99 dated 14/10/2019 has requested to transfer the Environmental Clearance for the above noted mining site in the name of Rakesh Kumar Choudhary, 51B/D, Gandinagar, Jammu, J&k upto the validity of Environmental Clearance i.e. upto 19.02.2022.

The contractor namely Rakesh Kumar Choudhary, 51B/D, Gandhinagar, Jammu, J&k submitted online application vide proposal number SIA/PB/MIN/166583/2020 for transfer of the said Environmental Clearance in its name. Following documents have been submitted by the contractor along with the request:

| Sr. No. | Documents | Remarks |
|---------|---|-----------|
| 1 | Copy of Environmental Clearance dated 20-02-2015 | Submitted |
| 2 | Copy of request submitted by Executive Engineer - cum- District Mining Officer, SAS Nagar Mohali vide letter no. letter no. 4995-99 dated 14/10/2019. | Submitted |
| 3 | Copy of Provisional Acceptance Letter for mining of Block no 7 comprising of Districts SAS Nagar Mohali, Fatehgarh sahib, Patiala – E – auction dated 04.09.2019. | Submitted |
| 4 | Resolution of the company regarding the authorized signatory | Submitted |
| 5 | Copy of Memorandum of Articles of Association | Submitted |

| | | |
|---|--|---|
| 6 | Affidavit to the effect that the promoter company will comply with conditions as imposed by SEIAA. | Submitted |
| 7 | Fee @ Rs. 2000/- per hectare | Submitted Rs. 10130 vide NEFT no. JAKA200611393011 dated 11.06.20. Rs. 30390 vide NEFT no. JAKA200731772972 dated 31.07.20. |
| 8 | Site Demarcation report. | Undertaking to the effect that the same will be submitted at the time of meeting. |
| 9 | CER plan as per Office Memorandum dated 01/05/2018 | Undertaking to the effect that the same will be submitted at the time of meeting. |

1.0 Deliberations during 169th meeting of SEIAA held on 17.08.2020.

The case was placed before SEIAA in its 169th meeting held on 17.08.2020 and the same was attended by the following: -

- (i) Sh. Amit Kumar, Authorized signatory, on behalf of the project proponent.
- (ii) Sh. Arun Kumar Yadav, M/s Overseas Mintech Consultant Jaipur.

Environmental Consultant of the Promoter company presented the salient features of the project and requested to issue Environmental Clearance as recommended by SEAC.

To a query of SEIAA regarding the as to whether the demarcation report of the mining site is duly signed by Lambardar, owners of the land & adjoining land, project proponent/contractor, revenue officer and mining officer etc. To this, the Environmental Consultant of the promoter company submitted that the demarcation report is signed by sarpanch, panchayat members, contractors, villages and JE cum Mining Inspector. SEIAA was not satisfied with the reply of the project proponent. Environmental Consultant of the promoter company sought some time to submit the revised demarcation report. To another query of SEIAA regarding the establishment of absolute elevation (Redline), the Environmental Consultant of the promoter company replied that Redline has been defined and a copy of the drawing of the same has already been submitted.

After detailed deliberations, SEIAA decided to accept the request of the Environmental Consultant, defer the case and asked the project proponent to submit the revised demarcation report. The case be placed in the meeting of SEIAA after getting the reply from the project proponent.

In compliance with the aforesaid decision, the project proponent has submitted the revised demarcation report signed by the Lambardar, which is taken on record.

2.0 Deliberations during 170th meeting of SEIAA held on 16.09.2020.

The case was placed before SEIAA in its 169th meeting held on 17.08.2020 and the same was attended by the following: -

- (i) Sh. Amit Kumar, Authorized signatory, on behalf of the project proponent.
- (ii) Sh. Arun Kumar Yadav, M/s Overseas Mintech Consultant Jaipur.

To a query of SEIAA regarding the demarcation report, the Environmental Consultant of the promotor company submitted that the demarcation report has already submitted duly signed by lambardar, project proponent/contractor/owner of the land, revenue officer present at site & mining officer, etc.

The SEIAA observed that as per EIA notification dated 14.09.2006, the Environmental Clearance granted for a specific project or activity to an applicant can be transferred during its validity to another legal person entitled to undertake the project or activity on application by the transferor, or by the transferee with a written "no objection" by the transferor, to and by the regulatory authority concerned, on the same terms and conditions under which the prior environmental clearance was initially granted, and for the same validity period. .

SEIAA further observed that the Executive Engineer - cum- District Mining Officer, Mohali vide letter no 4995-99 dated 14.10.2019 has requested to transfer the Environmental Clearance in the name of the contractor up to the expiry of Environmental Clearance.

SEIAA observed that as per the MoEF Notification dated 14.08.2018, competency to decide the case lies with the SEIAA as clause of interstate boundary is removed while considering the applicability of General Condition.

In compliance to said provision of the EIA notification dated 14.09.2006, the SEIAA decided to transfer the Environmental Clearance granted to Executive Director, Punjab Small Industries & Export Corporation Ltd.(PSIEC) vide no-J-11015/159/2010-IA.II(M) dated 20.02.2015 for carrying out mining of minor minerals (sand) @ 28,000 TPA in an area of 20.26 hectares in the revenue estate of Village Bhankharpur, Tehsil-Dera Bassi, District SAS Nagar in the name of M/s Rakesh Kumar Choudhary, 51B/D, Gandinagar, Jammu J&K for a period up to expiry of Environmental Clearance, subject to the same conditions as mentioned in the Environmental Clearance issued vide no. vide no-J-11015/159/2010-IA.II(M) dated 20.02.2015 and an additional condition that the project proponent shall spend Rs. 1.7 Lacs/annum reserved under the CER activity, as per the OM dated 01.05.2018, on the following activities:-

| Sr. No. | Activities | Proposed Budget (in Lakh) per Annum | Start Date | End Date |
|---------|---|-------------------------------------|--|---------------|
| 1. | Infrastructure Development (one activity every year) such as Road Maintenance, Solar Lights, water cooler, Almira, table etc. will be provided in the nearby village, school | 0.4 | After Transfer of EC, it will be started | Within 3 Year |
| 2. | Health check - up camps for villagers (the camp will be conducted twice during the year for general health check-up) | 0.5 | | |
| 3. | Drinking water and sanitation facility for nearby villagers | 0.4 | | |
| 4. | Education (distribution of books and school uniforms to girl child) 100 student per year and sports development (help in organizing sports day in school) (two activity every year) | 0.4 | | |
| | Total | 1.7 Lacs /annum | | |

Item No 170.11: Application for obtaining TOR under EIA notification dated 14.09.2006 for mining of minor minerals an agricultural land (off-channel site) in the village Kumb Kalan, Tehsil Ludhiana East, District Ludhiana, Punjab submitted by M/s Mahadev Enclave Private Limited. Proposal No. SIA/PB/MIN/50931/2020)

SEAC observed as under: -

M/s Mahadev Enclave Private Limited has applied for obtaining TOR under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from an agricultural land (off-channel site) in the revenue estate of village Kumb Kalan, Tehsil Ludhiana East, District Ludhiana, Punjab on 20.02.2020. The project is covered under S.No. 1 (a) of the Schedule appended to the said notification.

Further, the said case was forwarded by SEIAA to SEAC on 14/07/2020 after scrutiny of the application and the updated status of the documents attached with the application is as under: -

1.0 Status of documents attached with the application

A) General

| | | |
|-----|---|--|
| i) | Name of Applicant & Correspondence address: Mobile No: Email ID: | M/s Mahadev Enclave Private Limited B-37 Ayodhaya Marg, Hanuman Nagar, Jaipur, Rajasthan +91 9780625432 avnit.kaushal@gmail.com |
| ii) | Name of Environmental Consultant Mobile No. Email ID | Eco Laboratories & Consultants Pvt. Ltd. 9814003103, 0172461622 consulteco@yahoo.com |

B) Detail of the Documents

The project proponent submitted all the requisite documents as per the checklist of the mining case along with Form-02. The project proponent submitted a hard copy of the same, which was taken on record.

2.0 Deliberations during 191st meeting of SEIAA held on 24.07.2020

The case was considered by SEAC in its 191st meeting held on 24.07.2020 and the same was attended by the following on behalf of the project proponent:

- (i) Sh. Manoj Kumar, Authorised signatory, on behalf of the project proponent.

- (ii) Ms. Simran Kaur, EIA coordinator, M/s Eco Laboratories and Consultants Pvt. Ltd., Mohali, Environment Consultant of the promoter company.

SEAC allowed the project proponent to present the salient features of the project and the Environment consultant of the promoter company presented the same as under:

| S.No. | Item | Details | | |
|-------|--|---|------------|-----------------|
| 1. | Online Proposal No. | SIA/PB/MIN/50931/2020 | | |
| 2. | Project Name & Location | Sand Mining Project Village: Kumb Kalan, Tehsil: Ludhiana (east), District: Ludhiana, Punjab M/s Mahadev Enclave Private Limited | | |
| 3. | Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006 | 1(a) Mining of Minor Minerals | | |
| 4. | Details of Mining Lease | | | |
| i. | Mineral (s) to be mined | Sand | | |
| ii. | Capacity of Mine | 60,757 TPA | | |
| iii. | Mining Lease Area | 5.67 Ha | | |
| iv. | Details Letter of Intent (LOI)/E-Auction issued by the State Govt. | Reference No: Memo No. MDM/PB/E-Auction/2019/2231 Date of Issue: 30/05/2019 Validity of LOI: NA Mining Lease Area: 5.67 Mining Quantity: 60,757 TPA (Total:182273 MT) | | |
| 5. | Hadbast No. | 195 | | |
| 6. | Land Khasra No. & their consent details | | | |
| | Sr No | Type | Khasra No. | Consent details |
| | 1 | Govt. Land | - | - |

| | 2 | Private Land | 24//21, 25//25, 29//3, 4, 5, 6/1, 7/2, 8/1, 9/2, 30//1, 2, 3, 4, 5, 6/1, 7/2, 8/1, 9/2, 10/1 | Submitted | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|---|--|-----------|--------|-------------------|-------------|--|--------------|--|---|---------------|--------------|---|---------------|--------------|---|---------------|--------------|---|---------------|--------------|---|---------------|--------------|---|---------------|--------------|---|---------------|--------------|---|---------------|--------------|---|---------------|--------------|----|---------------|--------------|----|---------------|--------------|
| 7. | Latitude & Longitude | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Corner</th> <th style="width: 35%;">Latitude</th> <th style="width: 35%;">Longitude</th> </tr> </thead> <tbody> <tr> <td></td> <td style="text-align: center;">PIT-I</td> <td></td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">30°55'48.65"N</td> <td style="text-align: center;">76°3'26.52"E</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">30°55'50.42"N</td> <td style="text-align: center;">76°3'28.76"E</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">30°55'50.80"N</td> <td style="text-align: center;">76°3'28.78"E</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">30°55'51.58"N</td> <td style="text-align: center;">76°3'30.13"E</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">30°55'52.68"N</td> <td style="text-align: center;">76°3'30.06"E</td> </tr> <tr> <td style="text-align: center;">6</td> <td style="text-align: center;">30°55'52.87"N</td> <td style="text-align: center;">76°3'31.41"E</td> </tr> <tr> <td style="text-align: center;">7</td> <td style="text-align: center;">30°55'53.61"N</td> <td style="text-align: center;">76°3'32.20"E</td> </tr> <tr> <td style="text-align: center;">8</td> <td style="text-align: center;">30°55'53.59"N</td> <td style="text-align: center;">76°3'36.36"E</td> </tr> <tr> <td style="text-align: center;">9</td> <td style="text-align: center;">30°55'51.66"N</td> <td style="text-align: center;">76°3'36.57"E</td> </tr> <tr> <td style="text-align: center;">10</td> <td style="text-align: center;">30°55'51.58"N</td> <td style="text-align: center;">76°3'46.69"E</td> </tr> <tr> <td style="text-align: center;">11</td> <td style="text-align: center;">30°55'48.51"N</td> <td style="text-align: center;">76°3'46.61"E</td> </tr> </tbody> </table> | | | | Corner | Latitude | Longitude | | PIT-I | | 1 | 30°55'48.65"N | 76°3'26.52"E | 2 | 30°55'50.42"N | 76°3'28.76"E | 3 | 30°55'50.80"N | 76°3'28.78"E | 4 | 30°55'51.58"N | 76°3'30.13"E | 5 | 30°55'52.68"N | 76°3'30.06"E | 6 | 30°55'52.87"N | 76°3'31.41"E | 7 | 30°55'53.61"N | 76°3'32.20"E | 8 | 30°55'53.59"N | 76°3'36.36"E | 9 | 30°55'51.66"N | 76°3'36.57"E | 10 | 30°55'51.58"N | 76°3'46.69"E | 11 | 30°55'48.51"N | 76°3'46.61"E |
| Corner | Latitude | Longitude | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PIT-I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 30°55'48.65"N | 76°3'26.52"E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 30°55'50.42"N | 76°3'28.76"E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 30°55'50.80"N | 76°3'28.78"E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 30°55'51.58"N | 76°3'30.13"E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 30°55'52.68"N | 76°3'30.06"E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 30°55'52.87"N | 76°3'31.41"E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 30°55'53.61"N | 76°3'32.20"E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 30°55'53.59"N | 76°3'36.36"E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 30°55'51.66"N | 76°3'36.57"E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 11 | 30°55'48.51"N | 76°3'46.61"E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. | Whether the project attracts the General Condition. | No protected area/critically polluted area/ Eco-sensitive area/inter-state/ UT Boundaries and International Boundary/ Severely Polluted Area falls within 5 km radius of the project site. Thus, general conditions are not applicable. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. | Does the project involve the diversion of forest land? If yes, a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof | No Letter from DFO Ludhiana has been obtained vide letter No.542 dated 03.06.2020. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10. | Does the project fall within 10 km of eco-sensitive area/ National park/Wild Life Sanctuary? If yes, Status of NOC. If No, If No, submit documentary proof | No wildlife sanctuary/bird sanctuary falls within 10 km radius of the project site. As per the Google Map submitted by the project proponent the nearest Sanctuary falls at a distance of 66 KM. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. | Land requirement for the project | <p style="text-align: center;">Prior to the project proposal</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">S.No.</td> <td style="width: 45%;">Ownership pattern</td> <td style="width: 30%;">Area in Ha.</td> </tr> </table> | | | S.No. | Ownership pattern | Area in Ha. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S.No. | Ownership pattern | Area in Ha. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | <table border="1"> <tr> <td>i.</td> <td>Forest Land</td> <td>-</td> </tr> <tr> <td>ii.</td> <td>Private land</td> <td>5.67</td> </tr> <tr> <td>iii.</td> <td>Government land</td> <td>-</td> </tr> <tr> <td>iv.</td> <td>Revenue land</td> <td>-</td> </tr> <tr> <td>v.</td> <td>Other land</td> <td>-</td> </tr> </table> <p>Present Land use Break Up</p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Land use</th> <th>Area in Ha.</th> </tr> </thead> <tbody> <tr> <td>i.</td> <td>Agriculture Area</td> <td>5.67</td> </tr> <tr> <td>ii.</td> <td>Waste/Barren Area</td> <td></td> </tr> <tr> <td>iii.</td> <td>Grazing/community Area</td> <td></td> </tr> <tr> <td>iv.</td> <td>Surface water Bodies</td> <td>-</td> </tr> <tr> <td>v.</td> <td>Other(Specify)</td> <td></td> </tr> </tbody> </table> | i. | Forest Land | - | ii. | Private land | 5.67 | iii. | Government land | - | iv. | Revenue land | - | v. | Other land | - | S.No. | Land use | Area in Ha. | i. | Agriculture Area | 5.67 | ii. | Waste/Barren Area | | iii. | Grazing/community Area | | iv. | Surface water Bodies | - | v. | Other(Specify) | |
|-------|---|---|----|-------------|---|-----|--------------|------|------|-----------------|---|-----|--------------|---|----|------------|---|-------|----------|-------------|----|------------------|------|-----|-------------------|--|------|------------------------|--|-----|----------------------|---|----|-----------------|--|
| i. | Forest Land | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ii. | Private land | 5.67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iii. | Government land | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iv. | Revenue land | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| v. | Other land | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S.No. | Land use | Area in Ha. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i. | Agriculture Area | 5.67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ii. | Waste/Barren Area | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iii. | Grazing/community Area | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iv. | Surface water Bodies | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| v. | Other(Specify) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. | Cost of the project | Rs. 1.56 Crores | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. | Environmental Clearance. Fee details | Rs. 2835/- Vide NEFT No. 5038780819 dated 12/05/2020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14. | Details of Final District Survey Report | Approved by: Not Approved | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15. | Details of visit report of Sub Divisional Level Committee | Not submitted | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16. | Details of Mining Plan | Approved by :- State Geologist, Department of Mines & Geology, Punjab Approval Letter No.: Glg/Pb/M.P./2020/Kumb Kalan/192 Date of Approval: 17.02.2020 Approved Mining Lease Area: 5.67 Ha. Approved Mining Quantity: 60,757 TPA (Total:182273 MT) Depth of Mining (m): 3 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. | Demarcation report of mining site | Date of demarcation: 17.10.2019 No.s of Burjis made: No Photographs submitted: Yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18. | Workers (when fully operational) | 28 Persons. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|-----|--|---|
| 19. | Water Requirements & source | Domestic: 1.40 KLD Dust Suppression: 1.50 KLD Total: 2.90 KLD Ground water/Others: Source is water tanker . |
| 20. | Waste water generation, Treatment & its Disposal | i) Quantity of Waste water : 1.12 KLD ii) (80% of water requirement) iii) Treatment Method: Septic Tank iv) Mode of Disposal : Plantation purpose. |
| 21. | Solid waste generation and its disposal | Solid waste @ 5.6 kg/day will be generated which will be disposed to the dump site of the nearest village. |
| 22. | Green Belt Development Plan including no. of trees to be planted & its species. | To be submitted along with EIA/EMP report. |
| 23. | Environment Management Plan along with Budgetary breakup and responsibility to implement | To be submitted along with EIA/EMP report. |
| 24. | CER activities along with budgetary break-up and responsibility to implement. | To be submitted along with EIA/EMP report. |
| 25 | Other important facts i) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first. ii) No court case/litigation is pending before any court of Law against the project and/or land in which the project is proposed to be set up. iii) All mitigation measures for each activity to be undertaken during the mining operation to minimize adverse environmental impacts as recommended in the sand mining guidelines, 2016 & Enforcement & Monitoring Guidelines for Sand Mining, 2020. iv) Compliance with various environmental regulations shall be ensured. v) Mining will be carried out as per the terms and conditions of the Auction notice no MDM/Pb/E-auction/2019/2231 dated 30.05.2019 issued by Department of Mines & Geology, Government of Punjab. vi) Extent of Mechanization The mining shall be performed using a semi-mechanized method as per approved mine plan and Punjab Minor Mineral rules 2013. For mining operation excavators, | |

| dumpers and tippers have been considered. The machinery considered for sand mining has been presented below:- | | | | |
|---|---------------------|------------------|-------------------|-------|
| Name of Equipment | Capacity | No. of Equipment | Standby Equipment | Total |
| Excavator | 0.90 m ³ | 4 | 1 | 5 |
| Dumper | 20 tonnes | 5 | | 5 |
| Water tankers | As & when required | - | - | - |

vii) Benefits of Semi mechanized method
Semi mechanized method, involving minimal use of machinery and optimal no. of workers if allowed can provide the following benefits:

- a. Reduced duration of exposure to negative impacts of mining.
- b. Reduced production of sewage and solid waste at the project site to be treated.
- c. Reduced nuisance to the villagers.
- d. Feasibility to extract the required quantity and supply raw material to market to curb black marketing of minor minerals and support to the construction industry in the region.
- e. Reduced social menace which may be caused due to large no. of laborers, in case of completely manual operation.

viii) The operation will be done only from sunrise to sunset hence there will be no power requirement for the project at the site.

ix) An undertaking has been submitted to the effect that no Cluster formation of mining site exists as no other mining site falls within a radius of 500 m from the periphery of the proposed site.

SEAC asked the project proponent and his Environmental Consultant to clarify the following observations to which he replied as under: -

| Sr. No. | Observations | Reply submitted by the project proponent and his Environmental Consultant |
|---------|---|--|
| 1. | Whether Final District Survey Report (DSR) has been approved? | The project proponent intimated that the DSR has been revised by the DEIAA. However, no formal letter has been issued by the DC, Ludhiana to the Mining Department in this regard. Further, Sh. Paras Mahajan, Assistant Geologist informed the committee that the earlier DSR was having the name of this site. As such, no where it has been specified that the DSR should be mentioning the Khasra numbers. Thus, |

| | | |
|----|--|---|
| | | the older DSR be accepted for issuing of ToRs to the project proponent. Sh. Manoj Bansal, Executive Engineer, Department of Mines submitted a copy of the revised DSR signed by the Executive Engineer, Department of Mines, Ferozepur. He assured that the revised DSR letter will be obtained from DC, Ludhiana at the earliest in this regard. He also intimated the committee that the revised DSR had been uploaded by the DC Ludhiana in his website, which was checked online. |
| 2. | Whether permission from DFO has been obtained? | The project proponent submitted that the permission has been obtained from the DFO Ludhiana vide letter no. 542 dated 30.06.2020 and showed the same to the committee. |
| 3. | Whether the report from Sub Divisional Committee has been obtained regarding the suitability of the site for mining? | The project proponent showed a copy of the Sub Divisional Committee regarding the suitability of the site. However, the said report was older of date i.e. 21.01.2014. To this observation the project proponent intimated that the e-Auction of the mines is carried out only after report from the Sub Divisional Committee and since the auction has already been carried out, it would be possible only after the proper report from the Sub Divisional Committee. SEAC agreed to the same. |
| 4. | The project proponent is required to get the hydrogeological survey of the existing water level done and also required to submit the impact on the water level regime due to the project. This report is required to be submitted at the time of submission of the EIA report. | The project proponent agreed to the same. |
| 5. | The project proponent is required to submit a report regarding the preservation of topsoil excavated during the mining process at the | The project proponent agreed to the same. |

| | | |
|--|---------------------------------------|--|
| | time of submission of the EIA report. | |
|--|---------------------------------------|--|

SEAC was satisfied with the presentation and reply given to the observation. SEAC took a copy of the presentation along with a reply on record.

3.0 Recommendation of SEAC

After deliberations, SEAC decided to forward the application of the project proponent to SEIAA with the recommendations to issue Terms of Reference for mining of minor minerals (Sand) on river bed located in the revenue estate of village Kumb Kalan, Tehsil Ludhiana (East), District Ludhiana, Punjab submitted by M/s Mahadev Enclave Private Limited, as per Annexure-1 and the following additional ToRs:

1. The project proponent shall submit the revised approved DSR endorsed by the DC, Ludhiana clearly mentioning the Khasra Numbers of the site at the time of submission of the EIA report.
2. The project proponent is required to get the hydrogeological survey of the existing water level done and to submit the impact on the water level regime due to the project. This report is required to be submitted at the time of submission of the EIA report.
3. The project proponent is required to submit a report regarding the preservation of topsoil excavated during the mining process at the time of submission of the EIA report.
4. The project proponent shall submit the route plan for transporting the minor minerals from the project site. The vehicles should not pass through the river bed.

4.0 Deliberations during 168th meeting of SEIAA held on 07.08.2020

The case was placed before in its 168th meeting held on 07.08.2020 and the same was attended by the following: -

1. Sh. Manoj Kumar, Authorized Signatory of the promoter company.
2. Ms. Simran Kaur, EIA consultant from M/s Eco Laboratories Pvt. Ltd. Mohali

Before allowing the presentation, SEIAA perused the KML file uploaded on the web portal and observed that the area of the site marked on the KML file is 7811 sqm i.e. 0.78 Ha. However, the application has been submitted for the 5.67 Ha. Thus, the contents of the application do not match with the coordinates mentioned in the KML file uploaded on the Parivesh Portal. To this, Environmental Consultant replied that all the co-ordinates have not been mentioned in the KML file. They will examine the matter and will upload the corrected KML file after marking all the co-ordinates over it. He requested to give some time to submit the same.

After detailed deliberations, SEIAA decided to accept the request of the environmental consultant and defer the case till the corrected KML file be uploaded on the web portal.

In compliance with the aforesaid decision, Additional details have been sought from the project proponent through the ADS facility available on the Parivesh web portal on 28.08.2020.

Accordingly, the environmental consultant of the promoter company vide email dated 04.09.2020 informed that the portal is not accepting Kml file in ADS reply. Thus, they had uploaded the pdf file and the Kml file is being submitted through email.

5.0 Deliberations during 170th meeting of SEIAA held on 16.09.2020

The case was placed before in its 170th meeting held on 16.09.2020 and the same was attended by the following: -

1. Sh. Manoj Kumar, Authorized Signatory of the promoter company.
2. Ms. Simran Kaur, EIA consultant from M/s Eco Laboratories Pvt. Ltd. Mohali

Environmental Consultant of the Promoter company presented the salient features of the project and requested to issue the TORs as recommended by SEAC.

SEIAA raised the following observation to which the project proponent replied as under: -

| Sr No. | Observations | Reply |
|---------------|--|--|
| 01 | Whether the consent of the landowner has been obtained. | Yes, the consent of the owner of the land Sh. Harpreet Singh S/o Sh. Ranjit Singh has been obtained and a copy of the same has already been submitted. |
| 02 | Whether any permanent structure exists near the mining site. | No permanent structure exists within 100 m from the periphery of the mining site. |

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and issue TORs as proposed by SEAC with certain amendments made in Annexure-I and the following additional TOR:

- i) Examine the Hon'ble High Court order dated 11.09.2020 passed in the CWP 14141- of 2020 titled Bakhshish Singh & Ors. Vs State of Punjab & Ors and submit the comments on the method of mining.
- ii) Examine the method of mining as per the Sustainable Sand Mining Management Guidelines, 2016.
- iii) Examine the pros and cons of use of semi mechanised viz a viz manual method of mining so far as cost/damage to environment is concerned.

Item No. 170.12: Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for the expansion of a group housing project namely "Hero Homes" located at Sector 88, SAS Nagar, Mohali (Punjab) by M/s Hero Realty Pvt. Ltd. (Proposal No. SIA/PB/NCP/42719 /2018).

SEIAA observed as under: -

1.0 Background

The project proponent was issued Terms of References (TORs) for obtaining Environmental Clearance under the EIA Notification dated 14.09.2006 for the expansion of a group housing project namely "Hero Homes" located at Sector 88, SAS Nagar, Mohali (Punjab) vide letter no 735-737 dated 22/08/2019.

Further, Northern Regional Office, MOEF&CC, Chandigarh was requested vide letter no 738-739 dated 22/08/2019 to re-verify the action taken report of the compliances made by the Project Proponent w.r.t. the earlier observations raised by it and send the report within one month. No report was received from the Northern Regional Office of MoEF&CC till 20/09/2019. Further, in compliance to the decision taken in case of non-receipt of the report from the Northern Regional Office of MoEF&CC, Regional Office of PPCB, Mohali has also been requested vide letter no 901 dated 01.10.2019 asked to re-verify the compliance of the aforesaid observations and send the report as per MoEF& CC circular dated 07.09.2017.

Essential details were sought from the project proponent online on 21.12.2019 and 16.01.2020 to which he replied on 26.12.2019 and 18.01.2020, respectively

The project proponent submitted the revised EIA report on 18.01.2020.

The project proponent has also deposited EC fee amounting to Rs 2,70,220/- vide DD No. 541652/- dated 23.09.2019 as per the Govt. order dated 27.06.2019. The project proponent has also submitted the report issued by the MoEF& CC vide letter no 357 dated 11.11.2019 regarding the re-verification of compliances made by him w.r.t the earlier observation raised in the certified monitoring report dated 01.02.2019 and a copy of the same was enclosed as Annexure of the instant agenda.

1.1 Deliberations during the 187th meeting of SEAC held on 26.02.2020

The case was considered by SEAC in its 187th meeting held on 26.02.2020 and was attended by the following on behalf of the project proponent:

- i) Sh. Sandeep Sehgal, V.P. (Projects) on behalf of the promoter company.
- ii) Ms. Sadhna Singh, M/s GRC India Pvt. Ltd.

To a query of SEAC regarding the action taken report on the non-compliance of the condition of the earlier granted environmental clearance to it, the project proponent presented the compliance of all the observations raised by MOEF& CC. SEAC observed that the project proponent has now complied with the said observations. The project proponent has carried out the monitoring of PM_{2.5}, PM₁₀, and CO and observed that analysis results of said parameter in the study of May 2019 are within permissible limit except the concentration of PM_{2.5} at 02 locations for which he suggested mitigation measures to be taken during the construction phase. SEAC was satisfied the same.

Thereafter, SEAC allowed the Project proponent to present the salient features of the project and the Environmental Consultant of the same presented as under:

| S.No. | Item | Details | | | | | | | | | | | | | | | |
|----------|---|--|--------|----------|-----------|----------|---------------|---------------|----------|---------------|---------------|----------|--------------|---------------|----------|---------------|---------------|
| 1. | Online Proposal No. | SIA/PB/NCP/29524/2018 | | | | | | | | | | | | | | | |
| 2. | Name and Location of the project | Expansion of group housing project namely "Hero Homes" located at Sector 88, SAS Nagar, Mohali (Punjab) by M/s Hero Realty Pvt. Ltd. | | | | | | | | | | | | | | | |
| 3. | Latitude & Longitude | Corners Coordinates: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Corner</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>Corner-A</td> <td>30°41'20.98"N</td> <td>76°41'32.63"E</td> </tr> <tr> <td>Corner-B</td> <td>30°41'17.29"N</td> <td>76°41'27.02"E</td> </tr> <tr> <td>Corner-C</td> <td>30°41'7.02"N</td> <td>76°41'35.80"E</td> </tr> <tr> <td>Corner-D</td> <td>30°41'10.62"N</td> <td>76°41'41.36"E</td> </tr> </tbody> </table> | Corner | Latitude | Longitude | Corner-A | 30°41'20.98"N | 76°41'32.63"E | Corner-B | 30°41'17.29"N | 76°41'27.02"E | Corner-C | 30°41'7.02"N | 76°41'35.80"E | Corner-D | 30°41'10.62"N | 76°41'41.36"E |
| Corner | Latitude | Longitude | | | | | | | | | | | | | | | |
| Corner-A | 30°41'20.98"N | 76°41'32.63"E | | | | | | | | | | | | | | | |
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| Corner-C | 30°41'7.02"N | 76°41'35.80"E | | | | | | | | | | | | | | | |
| Corner-D | 30°41'10.62"N | 76°41'41.36"E | | | | | | | | | | | | | | | |
| 4. | Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006 | The project falls under Sr .No. 8(b) Township & Area Development Projects. | | | | | | | | | | | | | | | |
| 5. | Whether the project is in critical polluted area or not. | The project does not fall in the critically polluted area. General condition does not apply to Construction projects. | | | | | | | | | | | | | | | |
| 6. | Does the project involve the diversion of forest land? | No. Project does not involve any diversion of forest land. | | | | | | | | | | | | | | | |
| 7. | a) Does the project covered under PLPA, 1900, if No but located near to the PLPA area then the project proponent is required to submit NOC from the concerned DFO to the effect that project area does not fall under the provision of PLPA Act,1900. | The project is not covered under PLPA, 1900. | | | | | | | | | | | | | | | |
| 8. | If the project falls within 10 km of eco-sensitive area/ National park/Wild Life Sanctuary. If yes, a.Name of eco-sensitive area/ National park/Wild Life Sanctuary and distance from the project site. | City Bird Sanctuary – 8.75 KM – ENE Direction The Eco-sensitive Zone varies from 80 to 125 meters from the City Bird Sanctuary | | | | | | | | | | | | | | | |

| | b. Status of clearance from the National Board for Wild Life (NBWL). | comprising an area of 12.0 hectares approximately Not Required | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--|---|------------------------------------|-------------|-----------------------------|------------------------------------|-------------------------------|------------------------------|---------------------|---------------|----------------------------|-------------------|----------------------|---------------------------|----------|-------------|----------------|-----------------|----|-----------------------|-----|-------|----|--------------------------|----|-------|
| 9. | Classification/Land use pattern as per Master Plan | Residential zone as per the Master plan of SAS Nagar. | | | | | | | | | | | | | | | | | | | | | | | | |
| 10. | Cost of the project | Rs. 233 Crores | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. | Total Plot Area, Built-up Area, and Green area | <p>The details of the project are as under:</p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Description</th> <th>Area</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Plot area (Total scheme area)</td> <td>74,826.2565 (or 18.49 acres)</td> </tr> <tr> <td>2.</td> <td>Built-up area</td> <td>2,70,219.699m²</td> </tr> <tr> <td>3.</td> <td>Green area</td> <td>18,764.346 m²</td> </tr> </tbody> </table> | S.No. | Description | Area | 1. | Plot area (Total scheme area) | 74,826.2565 (or 18.49 acres) | 2. | Built-up area | 2,70,219.699m ² | 3. | Green area | 18,764.346 m ² | | | | | | | | | | | | |
| S.No. | Description | Area | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2. | Built-up area | 2,70,219.699m ² | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | Green area | 18,764.346 m ² | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. | Population (when fully operational) | <p>Estimated population: 12,180 Persons.</p> <table border="1"> <tr> <td>Residents</td> <td>6905</td> </tr> <tr> <td>Visitors</td> <td>690</td> </tr> <tr> <td>Staff</td> <td>110</td> </tr> <tr> <td colspan="2">Community Building:</td> </tr> <tr> <td>Visitors</td> <td>4351</td> </tr> <tr> <td colspan="2">Convenient Shopping:</td> </tr> <tr> <td>Visitors</td> <td>124</td> </tr> </table> | Residents | 6905 | Visitors | 690 | Staff | 110 | Community Building: | | Visitors | 4351 | Convenient Shopping: | | Visitors | 124 | | | | | | | | | | |
| Residents | 6905 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Visitors | 690 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Staff | 110 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Community Building: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Visitors | 4351 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Convenient Shopping: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Visitors | 124 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. | Water Requirements & source in Construction Phase | <p>Breakup of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):</p> <p>The total water requirement for the project after expansion will be 1139 KLD; out of which the freshwater requirement will be 680 KLD. Break-up of the same is given below:</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Description</th> <th>Existing water demand (KLD)</th> <th>Water demand after expansion (KLD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Total water demand</td> <td>725</td> <td>1139</td> </tr> <tr> <td>2.</td> <td>Wastewater demand</td> <td>580</td> <td>885</td> </tr> </tbody> </table> <p>Water requirement</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Description</th> <th>Quantity (KLD)</th> <th>Source of water</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Domestic water demand</td> <td>650</td> <td>GMADA</td> </tr> <tr> <td>2.</td> <td>Make-up water demand for</td> <td>30</td> <td>GMADA</td> </tr> </tbody> </table> | Sr. No. | Description | Existing water demand (KLD) | Water demand after expansion (KLD) | 1. | Total water demand | 725 | 1139 | 2. | Wastewater demand | 580 | 885 | Sr. No. | Description | Quantity (KLD) | Source of water | 1. | Domestic water demand | 650 | GMADA | 2. | Make-up water demand for | 30 | GMADA |
| Sr. No. | Description | Existing water demand (KLD) | Water demand after expansion (KLD) | | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Total water demand | 725 | 1139 | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | Wastewater demand | 580 | 885 | | | | | | | | | | | | | | | | | | | | | | | |
| Sr. No. | Description | Quantity (KLD) | Source of water | | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Domestic water demand | 650 | GMADA | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | Make-up water demand for | 30 | GMADA | | | | | | | | | | | | | | | | | | | | | | | |

| | | | Swimming Pool | | | | | | | | | | | | | | | |
|---------|--|--|---|--------|---------------------|------------------|-------------|---------------|------------------|--------|-----|----|--------|-----|----|---------|-----|----|
| | | 3. | Flushing purposes | | 365 | GMADA's STP | | | | | | | | | | | | |
| | | 4 (a) | Green area water demand (Summer Season) | | 94 | GMADA's STP | | | | | | | | | | | | |
| | | 4 (b) | Green area water demand (Winter Season) | | 34 | GMADA's STP | | | | | | | | | | | | |
| | | 4 (c) | Green area water demand (Rainy Season) | | 10 | GMADA's STP | | | | | | | | | | | | |
| 14. | Breakup of Water Requirements & source in Operation Phase (Summer, Rainy, Winter): | | | | | | | | | | | | | | | | | |
| | S.No. | Season | Freshwater | | Reuse water | | Total (KLD) | | | | | | | | | | | |
| | | | Domestic (KLD) | Others | Flushing (KLD) | Green area (KLD) | HVAC (KLD) | | | | | | | | | | | |
| | 1. | Summer | 680 | - | 365 | 94 | - | 1139 | | | | | | | | | | |
| | 2. | Winter | 680 | - | 365 | 34 | - | 1079 | | | | | | | | | | |
| | 3. | Rainy | 680 | - | 365 | 10 | - | 1055 | | | | | | | | | | |
| | S.No. | Description | | | Source of water | | | | | | | | | | | | | |
| | 1. | Domestic | | | GMADA | | | | | | | | | | | | | |
| | 2. | Others | | | - | | | | | | | | | | | | | |
| | 3. | Flushing purposes | | | Treated waste water | | | | | | | | | | | | | |
| | 4. | Green area | | | Treated waste water | | | | | | | | | | | | | |
| | 5. | HVAC | | | - | | | | | | | | | | | | | |
| 15. | Treatment & Disposal arrangements of waste water in Construction Phase | Wastewater generated will be treated in the STP of GMADA. | | | | | | | | | | | | | | | | |
| 16. | Disposal Arrangement of Waste water in Operation Phase | <p>A total of 885 KLD wastewater will be generated, which will be discharged into GMADA sewer and the same will be treated in STP of GMADA.</p> <p>The details of treated waste water collected from STP of GMADA for flushing and horticulture purpose is as under:-</p> <table border="1"> <thead> <tr> <th>Season</th> <th>Flushing(KLD)</th> <th>Green area (KLD)</th> </tr> </thead> <tbody> <tr> <td>Summer</td> <td>365</td> <td>94</td> </tr> <tr> <td>Winter</td> <td>365</td> <td>34</td> </tr> <tr> <td>Monsoon</td> <td>365</td> <td>10</td> </tr> </tbody> </table> | | | | | Season | Flushing(KLD) | Green area (KLD) | Summer | 365 | 94 | Winter | 365 | 34 | Monsoon | 365 | 10 |
| Season | Flushing(KLD) | Green area (KLD) | | | | | | | | | | | | | | | | |
| Summer | 365 | 94 | | | | | | | | | | | | | | | | |
| Winter | 365 | 34 | | | | | | | | | | | | | | | | |
| Monsoon | 365 | 10 | | | | | | | | | | | | | | | | |
| 17. | Rain water recharging | 2,047.5 m ³ /hr rain water will be collected in 19 no. of Rain water recharging pits. | | | | | | | | | | | | | | | | |

| | detail | | | | | | | | | | | | | | | | |
|--------------|--|--|---|--|------------------------|---|------------------------------|------|------------|----------|-------------|-------------|------|----------|---|-----------------------------------|--|
| 18. | Solid waste generation and its disposal | <p>a) 4,256 kg/day</p> <p>b) Solid wastes will be appropriately segregated (at source by providing bins) into recyclable, Bio-degradable Components and non-biodegradable.</p> <p>c) Separate areas will be earmarked for the segregation of solid waste.</p> <p>d) Bio-degradable waste will be composted by the use of Organic Waste Converter.</p> <p>e) Recyclable waste will be sold to recyclers.</p> | | | | | | | | | | | | | | | |
| 19. | Hazardous Waste & E-Waste | Used oil from DG sets will be stored in HDPE drums in the isolated covered facility and will be disposed of as per the Hazardous Waste (Management & Transboundary Movement) Rules, 2016. E-waste will be disposed off as per the E-waste (Management) Amendment Rules 2018. | | | | | | | | | | | | | | | |
| 20. | Energy Requirements & Saving | <p>The details of the energy are given below and the source will be PSPCL.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">S. No.</th> <th style="width: 30%;">Description</th> <th style="width: 20%;">Existing</th> <th style="width: 20%;">After expansion</th> <th style="width: 25%;">Total (Existing + Expansion)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>Power load</td> <td style="text-align: center;">5550 kVA</td> <td style="text-align: center;">2313.12 kVA</td> <td style="text-align: center;">7863.12 kVA</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>D.G sets</td> <td style="text-align: center;">3 DG sets (1* 500 kVA+1*1000 KVA +1*1500 kVA)</td> <td style="text-align: center;">3 DG sets (1*500 kVA+ 2*1000 kVA)</td> <td style="text-align: center;">6 DG sets of combined capacity 5500 kVA(3*1000 kVA + 1*1500 kVA + 2*500 kVA)</td> </tr> </tbody> </table> <p>Energy-saving measures for expansion phase:</p> <p>i) 23.98 % energy will be saved by the use of LEDs in place of GLS lamp. 2.64 % energy will be saved by the use of Solar power plant.</p> | S. No. | Description | Existing | After expansion | Total (Existing + Expansion) | 1. | Power load | 5550 kVA | 2313.12 kVA | 7863.12 kVA | 2. | D.G sets | 3 DG sets (1* 500 kVA+1*1000 KVA +1*1500 kVA) | 3 DG sets (1*500 kVA+ 2*1000 kVA) | 6 DG sets of combined capacity 5500 kVA(3*1000 kVA + 1*1500 kVA + 2*500 kVA) |
| S. No. | Description | Existing | After expansion | Total (Existing + Expansion) | | | | | | | | | | | | | |
| 1. | Power load | 5550 kVA | 2313.12 kVA | 7863.12 kVA | | | | | | | | | | | | | |
| 2. | D.G sets | 3 DG sets (1* 500 kVA+1*1000 KVA +1*1500 kVA) | 3 DG sets (1*500 kVA+ 2*1000 kVA) | 6 DG sets of combined capacity 5500 kVA(3*1000 kVA + 1*1500 kVA + 2*500 kVA) | | | | | | | | | | | | | |
| 21. | Environment Management Plan along with Budgetary break-up phase-wise and responsibility to implement | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Description</th> <th style="width: 15%;">Capital cost (lakhs)</th> <th style="width: 15%;">Recurring cost (lakhs)</th> <th style="width: 40%;">Monitoring of Air, Noise, water (per annum) (lakhs)</th> </tr> </thead> <tbody> <tr> <td>Construction</td> <td style="text-align: center;">30.5</td> <td style="text-align: center;">7.62</td> <td style="text-align: center;">7.0</td> </tr> <tr> <td>Operation</td> <td style="text-align: center;">68.0</td> <td style="text-align: center;">27.7</td> <td style="text-align: center;">9.0</td> </tr> </tbody> </table> | Description | Capital cost (lakhs) | Recurring cost (lakhs) | Monitoring of Air, Noise, water (per annum) (lakhs) | Construction | 30.5 | 7.62 | 7.0 | Operation | 68.0 | 27.7 | 9.0 | | | |
| Description | Capital cost (lakhs) | Recurring cost (lakhs) | Monitoring of Air, Noise, water (per annum) (lakhs) | | | | | | | | | | | | | | |
| Construction | 30.5 | 7.62 | 7.0 | | | | | | | | | | | | | | |
| Operation | 68.0 | 27.7 | 9.0 | | | | | | | | | | | | | | |
| 22. | CER activities along with budgetary break-up and responsibility to implement | | | | | | | | | | | | | | | | |

Sandeep Sehgal (VP-Project) of the promoter company will be responsible for the implementation CER Activities. An amount of Rs. 174.75 Lacs [@ 0.75 % of total project cost for Expansion] will be earmarked under Corporate Environment Responsibility (CER) for the following activities:

| S.No. | CER Activities | Year-wise Implementation budget in Lacs (INR) | | | Total budget in Lacs (INR) |
|-------|---------------------------------|--|----------------------|----------------------|----------------------------|
| | | 1 st year | 2 nd year | 3 rd year | |
| | • Electrification | 6.99 | 15.73 | 19.22 | 41.94 |
| | • Rain water Harvesting | 1.75 | 3.48 | 5.24 | 10.47 |
| | • Avenue Plantation | 13.98 | 18.35 | 26.22 | 58.55 |
| | • Drinking Water Supply | 6.99 | 11.36 | 13.11 | 31.46 |
| | • Sanitation & Health Education | 8.74 | 12.23 | 11.36 | 32.33 |
| | | Total | | | 174.75 |

SEAC raised the following queries to the project proponent and the project proponent replied as under:

| Sr. No. | Observations | Reply submitted by the project proponent and his Environmental Consultant |
|---------|---|--|
| i) | What is the proposal for the project proponent for installing the STP? | <p>The project proponent informed that allotment letter indicates that water & sewerage connection will be provided by GMADA.</p> <p>GMADA shall provide domestic water connection and the tertiary effluent to the allottee for use in flushing & gardening purposes.</p> <p>The allottee shall be entitled to the sewer & stormwater connection in the main sewer & storm network developed by GMADA.</p> <p>Thus, the project proponent is not required to install its own STP.</p> |
| ii) | The project proponent is required to submit revised no. of rainwater harvesting pits along with | The project proponent submitted the revised calculations for the collection of the rain water harvesting pits, which was taken on record by the SEAC. As per the said calculations, total Runoff in |

| | calculations of the same. | Cum/hr is 1487279.66, and a total of 19 pits will be provided by the project proponent. | | | | | |
|-------|---|---|----------------------|----------------------|----------------------|----------------------|------------------------|
| iii) | Submit Revised CER as per OM dated 01.05.2018 | Revised CER submitted by the project proponent is as under: - | | | | | |
| S.No. | CER Activities | Year-wise implementation budget in Lacs (INR) | | | | | Fund allocated (Lakhs) |
| | | 1 st year | 2 nd year | 3 rd year | 4 th year | 5 th year | |
| | Electrification | 3.75 | 3.75 | 3.75 | 3.74 | 3.74 | 18.73 |
| | Rain water Harvesting | 2.09 | 2.09 | 2.09 | 2.09 | 2.09 | 10.47 |
| | Avenue Plantation | 4.05 | 4.05 | 4.05 | 4.05 | 4.05 | 20.25 |
| | Drinking Water Supply | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 10.00 |
| | Sanitation & Health Education | 3.06 | 3.06 | 3.06 | 3.06 | 3.06 | 15.30 |
| | Development of 4 ponds in nearby villages | | 25.0 | 25.0 | 25.0 | 25.0 | 100.0 |
| | Total | 14.95 | 34.95 | 34.95 | 34.94 | 34.94 | 174.75 |

SEAC was satisfied with the presentation and reply given to the observation. SEAC took a copy of the presentation along with a reply on record.

3.0 Recommendations

After detailed deliberations, SEAC decided to award 'Silver Grading' to the project proposal and to forward the application of the project proponent to SEIAA with the recommendations to grant Environmental Clearance for expansion of the project namely "Hero Homes" having built-up area 2,70,219.69 sqm (after Expansion) in a total land area of 74826.2565 sqm located at Sector 88, SAS Nagar, Mohali (Punjab), as per the details mentioned in the Form 1, 1A, EMP & subsequent presentation /clarifications made by the project proponent and his consultant with, proposed measures, conditions

prescribed in Annexure-1 of the proceedings of SEAC subject to the following additions amendments and deletions and special conditions given as under:-

Conditions to be added in the Annexure-I as under :

Condition no. xxiv) of III. Water quality monitoring and preservation

- xxiv) The wastewater generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC, etc.

Conditions to be amended in the Annexure-I as under: -

Condition no. iv), v-a) & xv) of III. Water quality monitoring and preservation

- iv) The total water requirement for the project will be 1139 KL/day, out of which fresh water demand of 680 KL /day shall be met through GMADA supply and remaining through recycling of treated waste water from the STP of GMADA. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
- v) a)The total wastewater generation from the project will be 885 KL/day, which will be treated in STP provided by GMADA outside the project premises. As proposed, reuse of treated wastewater obtained from GMADA STP shall be as under:-

| Sr. No. | Season | For Flushing purposes (KLD) | Green Area (KLD) |
|----------------|---------------|------------------------------------|-------------------------|
| 1. | Summer | 365 | 94 |
| 2. | Winter | 365 | 34 |
| 3. | Rainy | 365 | 10 |

- xxv) The CGWA provisions on rain water harvesting should be followed. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. As per the proposal submitted by the project proponent 19 no. rain water harvesting recharge pits /storage tanks shall be provided for ground water recharging as per the CGWB norms. The ground water shall not be withdrawn without approval from the Competent Authority.

X. Condition no. i) & iv) of X Corporate Environment Responsibility

- i) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least a minimum amount of Rs.174.75 Lacs [@ 0.75% of total project cost for expansion towards the following CER activities. The details are given below: -

| S. No | CER Activities | Year-wise implementation budget in Lacs (INR) | | | | | Fund allocated (Lakhs) |
|-------|---|---|----------------------|----------------------|----------------------|----------------------|------------------------|
| | | 1 st year | 2 nd year | 3 rd year | 4 th year | 5 th year | |
| i) | Electrification | 3.75 | 3.75 | 3.75 | 3.74 | 3.74 | 18.73 |
| ii) | Rain water Harvesting | 2.09 | 2.09 | 2.09 | 2.09 | 2.09 | 10.47 |
| iii) | Avenue Plantation | 4.05 | 4.05 | 4.05 | 4.05 | 4.05 | 20.25 |
| iv) | Drinking Water Supply | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 10.00 |
| v) | Sanitation & Health Education | 3.06 | 3.06 | 3.06 | 3.06 | 3.06 | 15.30 |
| vi) | Development of 4 ponds in nearby villages | - | 25.0 | 25.0 | 25.0 | 25.0 | 100.0 |
| | Total | 14.95 | 34.95 | 34.95 | 34.94 | 34.94 | 174.75 |

- iv) Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in separate accounts and not to be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs 30.5 Lacs towards the capital cost and Rs 14.62 Lacs/annum towards recurring cost in the construction phase of the project including the environmental monitoring cost and shall spend the minimum amount of Rs 68.0 Lacs/annum towards the capital cost and Rs 36.7 lacs/year towards recurring cost in operation phase of the project including the environmental monitoring cost. The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of the environmental management plan is

transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Report.

4.0 Deliberations during 163rd meeting of SEIAA held on 29.05.2020

The meeting was attended by the following through online video conference :

- i) Sh.Sandeep Sehgal, V.P. (Projects) on behalf of the promoter company.
- ii) Ms. Sadhna Singh, M/s GRC India Pvt. Ltd.

Before allowing the presentation, SEIAA queried the project proponent regarding the compliance of additional TOR no 2 and requirement of installation of adequate & appropriate individual sewage treatment plant as it is mandatory as per the direction passed by the Hon'ble NGT on 24.07.2017 in CA No. 199 of 2014 titled as Almitra H. Patel & Anr. Vs. Union of India & Ors. & Kudrat Sandhu Vs. Govt. of NCT & Ors and office order no. 315 dated 05.07.2018 issued by Punjab Pollution Control Board. The relevant part of the both the orders is reproduced as under:-

i) Order passed by Hon'ble NGT on 24.04.2017

"Therefore, we hereby direct that no plans for the building of constitution over 10,000 Sqm area which will cover for construction of any commercial, industrial and even residential area would be sanctioned by any legal authority in the entire country unless such sanction plan duly provided for setting up of an STP which shall bring sewage and domestic discharge within the prescribed parameters. "

ii) Order passed by Punjab Pollution Control Board on 05.07.2018

- a) If the residential colony/commercial complex/construction project is proposed to be established within the municipal limits of a City/Town of the State and it proposes to discharge its entire sewage into the municipal sewer, then the promoter of the residential colony shall install adequate and appropriate individual sewage treatment plant. The project proponent shall make arrangements to re-use the treated effluent for flushing purposes and/or for watering of green areas in the project premises. Only the surplus treated wastewater shall be discharged into the MC sewer.
- b) If the residential colony/commercial complex/construction project is proposed to be established outside the municipal limits of a City/Town of the State or jurisdiction of any other development authority, then the individual colonizer shall provide adequate and appropriate STP to treat its wastewater and shall make arrangements to reuse the treated wastewater for flushing purposes and to

discharge the remaining treated effluent onto land for plantation/irrigation purposes.

In response, the project proponent replied as under:-

- i) The site no. 1 for GH was allotted to M/s Hero Realty Pvt. Ltd. through an auction process as a developed land parcel of 18.49 acres vide letter no. 31342 dated 03 .08.2015 for a total consideration of Rs.181.00 crores including all developmental charges.
- ii) They had paid all the dues to GMADA towards the cost of the land parcel which includes all the development charges for the necessary external infra required to be developed by GMADA.
- iii) As per the allotment condition no v and sub condition xi & xii, GMADA shall provide the tertiary treated effluent to the allottee for use in the flushing and gardening purposes. Also, the allottee shall be entitled for sewer and stormwater connection in the main sewer and storm network developed by GMADA.
- iv) They did not need to develop STP within their premises because all costs towards setting up individual STP were inbuilt in the cost of the said plot.
- v) As submitted, they had already paid all necessary dues to GMADA and now they are not in a position for any further expenditure towards infra development i.e. installation of STP.
- vi) It is requested to consider their request & recommendation of SEAC and grant environmental clearance for the expansion of the group housing project "HERO HOMES "at sector-88, SAS Nagar, Mohali.

A copy of the reply submitted by the project proponent was taken on record by SEIAA.

SEIAA was not satisfied with the reply of the project proponent in view of directions passed by Hon'ble NGT in OA no. 199 of 2014 titled as Almitra H. Patel &Anr. Vs. Union of India &Ors. & Kudrat Sandhu Vs. Govt. of NCT & Ors, on 24.04.2017, order passed by Punjab Pollution Control Board on 05.07.2018 and compliance of Additional TOR no 2.

After detailed deliberations, SEIAA decided to remand the case to SEAC for examining the above issue in the light of aforesaid observations.

5.0 Deliberations during 190th meeting of SEAC held on 27.06.2020

The case was considered by SEAC in its 190th meeting held on 27.06.2020 through video conference. SEAC went through the observations forwarded by the SEIAA in its 163rd meeting held on 29.05.2020.

Committee perused that the observations of SEIAA are relating to the requirement of installation of STP by the project proponent in light of direction passed by the Hon'ble NGT on 24.07.2017 in CA No. 199 of 2014 titled as Almitra H. Patel & Anr. Vs. Union of India & Ors. & Kudrat Sandhu Vs. Govt. of NCT & Ors and PPCB office order no. 315 dated 05.07.2018.

SEAC also perused the allotment letter issued by GMADA to the project proponent vide Memo No. 31342 dated 03.08.2015. The Committee observed that the relevant condition imposed therein as under:

- i) GMADA shall provide domestic water connection and the tertiary treated effluent to the allottee or use in flushing & gardening purposes. The allottee shall ensure the installation of Dual piping system in the apartments for this purpose subject to inspection by JE before issuance of Occupation Certificate.
- ii) The allottee shall be entitled for the Sewer & storm water connection in the main Sewer and Storm network developed by GMADA.

Further, GMADA was granted Environmental Clearance vide letter no. SEIAA/2016/ 3404 dated 27.09.2016 for area development project in Sector- 88, 89, SAS Nagar, Distt. Mohali in an area of 15,90,414.574 sqm (393 acres) and having built-up area as 3,75,255.36 sqm in Sector- 88,89 Distt. SAS Nagar (Mohali), Punjab, subject to one of the conditions that the total wastewater generation from the project (3.68 MLD) will be treated in STP of capacity 10 MLD.

The proposed project of "Hero Homes" is now part of that GMADA project for which the waste water generation and treatment had already been considered and approved at the time of granting the Environmental Clearance to the GMADA Project. Therefore, the need for providing separate STP by "Hero Homes" and then putting the treated waste water into the GMADA sewer carrying untreated waste water does not seem to be justified.

Hon'ble NGT vide order dated 24.04.2017 emphasized the provision of setting up of an STP for the building of the constitution over 10,000 Sqm area. GMADA will treat the wastewater generated from the Group Housing Project namely "Hero Homes" and supply the tertiary treated wastewater for flushing & gardening purposes. Thus, the order of the NGT has been complied with.

SEAC was the view of that PPCB order No 2728 dated 12.04.2019 is not binding on it as the objective of treating the wastewater and reusing the same to the maximum extent has been achieved.

6.0 Recommendation of SEAC

After detailed deliberations, SEAC decided that the case may be forwarded to SEIAA with the same recommendations as proposed earlier in its 187th meeting held on 26.02.2020.

7.0 Deliberations during the 167th meeting of SEIAA held on 31.07.2020.

The case was considered by SEIAA in its 167th meeting held on 31.07.2020. SEIAA perused the recommendations of SEAC in this case. SEIAA observed as under:

- 1) GMADA vide its memo no. 31342 dated 03.08.2015 agreed for the following:
 - (i) GMADA shall provide domestic water connection and the tertiary treated effluent to the allottee for use in flushing & gardening purposes. The allottee shall ensure the installation of Dual piping system in the apartments for this purpose subject to inspection by JE before issuance of Occupation Certificate.
 - (ii) The allottee shall be entitled for the Sewer & Storm water connection in the main Sewer & Storm network developed by GMADA.
- 2) Hon'ble NGT vide order dated 24.04.2017 directed that no plans for building of constitution over 10,000 sqm area which will cover for construction of any commercial, industrial and even residential area would be sanctioned by any legal authority in the entire country unless such sanction plan duly provided for setting up of an STP which shall bring sewage and domestic discharge within the prescribed parameters.

Thus, Hon'ble NGT has made the provision of setting up of an STP for the building of constitution over 10,000 Sqm area mandatory. The area of the project is 74,826 sqm (18.49 acres) which is more than a 10,000 sqm area. Hence, granting EC to the project in the absence of STP will be violation of the Hon'ble NGT orders.

During the meeting, Sh. Davinder Singh, SE, GMADA was contacted telephonically on 98159-14200 to know the construction status of STP of capacity 10 MLD to be installed for sector 88-89 SAS Nagar, District Mohali. To this, he replied as on date, no STP has been installed by the GMADA in sector 88-89 of Mohali.

Thereafter, Sh. Sandeep Sehgal, Vice president of the 'Hero Homes' Project was contacted on 98738-3937. SEIAA informed him as under: -

- a) GMADA has not so far installed any STP for sector 88-89. Therefore, at present there is no STP to treat effluents to be generated from the project i.e. "Hero Homes".
- b) Recommendations of SEAC regarding grant of Environmental Clearance to the project without proposing individual STP are not acceptable to SEIAA, as at present there is no STP of GMADA available for the treatment of effluents to be generated from the project. Therefore, granting EC to Hero Homes without the provision of STP will be against the spirit of orders dated 24.04.2017 of Hon'ble NGT.

SEIAA asked the project proponent to submit the proposal for the installation of individual STP for the treatment of wastewater generated from their project in

compliance with the NGT order dated 24.04.2017 & PPCB order dated 12.04.2019. He reiterated his stand taken in their letter dated 29.05.2020 as under:

- (i) GMADA shall provide domestic water connection and the tertiary treated effluent to the allottee for use in flushing & gardening purposes. The allottee shall ensure the installation of a Dual piping system in the apartments for this purpose subject to inspection by JE before issuance of the Occupation Certificate.
- (ii) The allottee shall be entitled for the Sewer & Stormwater connection in the main Sewer & Storm network developed by GMADA.

As such, individual STP was not required to be installed for the project as the project proponent would use the infrastructure developed by GMADA.

SEIAA was not satisfied with the reply of the project proponent due to the reason mentioned above at a) to b).

After detailed deliberations, SEIAA decided not to accept the above recommendation of SEAC and to direct the Hero Homes to submit their revised plan with the provision of their own STP in the project in compliance with Hon'ble NGT orders within one month otherwise their application for grant of EC will be rejected

The decision of SEIAA has been conveyed to the project proponent and accordingly, the project proponent submitted the reply vide email dated 05.09.2020, which is annexed as Annexure-2 of the agenda of the meeting.

8.0 Deliberations during 170th meeting of SEIAA held on 16.09.2020

The case was considered by SEIAA in its 170th meeting held on 16.09.2020 and the same was attended by the following:-

- i) Sh.Sandeep Sehgal, V.P. (Projects) on behalf of the promoter company.
- ii) Dr. Dhiraj Kr. Singh and Ms. Sadhna Singh from M/s GRC India Pvt. Ltd.

SEIAA perused the reply submitted by the project proponent and observed that the revised plan with the location of STP for the expansion of Hero Homes, Mohali at sector-88, S.A.S. Nagar has been submitted.

Further, it was proposed that they will install the STP for sewage treatment in their premises before completion of their project spread over an area of 18.49 acres including all residential towers & allied buildings.

It was also submitted that their allotment conditions with GMADA entitled them for the sewer & storm connection along with the supply of treated effluent from the STP of GMADA. They should be allowed to apply for suitable amendment in the Environmental Clearance to be granted for the project such that there is no requirement for installing

STP in their premises as and when GMADA provides the STP connection as per their allotment conditions and requested to grant them environmental clearance for the expansion of Hero Homes, Mohali. SEIAA informed the Project Proponent that the request for amendment in the EC will be considered only after the requisite STP is installed by GMADA in sector 88 of Mohali.

SEIAA allowed the environmental consultant of the promoter company to present the salient feature of the project. He presented the salient features of the projects. SEIAA observed that GMADA STP has been proposed to treat the wastewater in the presentation. To this observation, the environmental consultant of the promoter company informed that they will install the STP for sewage treatment in their premises before completion of their project and a revised presentation will be submitted to SEIAA in this regard.

To another query of SEIAA regarding the revised EMP, the environmental consultant of the promoter company submitted the revised EMP as under: -

| Description | Capital cost (lakhs) | Recurring cost (lakhs) | Monitoring of Air, Noise, water (per annum) (lakhs) |
|--------------|----------------------|------------------------|---|
| Construction | 30.5 | 7.62 | 7.0 |
| Operation | 168.0 | 26.5 | 9.0 |

Environmental consultant of the promoter company submitted a revised presentation to the effect Hero Reality Pvt. Ltd. will install the separate STP for sewage treatment in their premises before completion of the project.

During discussions, the representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC.

The SEIAA observed that the case stands recommended by SEAC and the Committee has awarded 'Silver Grading' to the project proposal. The SEIAA looked into the details of the case and was satisfied with the same.

Therefore, the Authority decided to accept the recommendations of SEAC and grant Environmental Clearance for expansion of the project namely "Hero Homes" having built-up area 2,70,219.69 sqm (after Expansion) in a total land area of 74826.2565 sqm located at Sector 88, SAS Nagar, Mohali (Punjab), as per the details mentioned in the Form 1, 1A, EMP & subsequent presentation /clarifications made by the project proponent and his consultant with, proposed measures and the following conditions prescribed by SEAC & certain amendments therein as agreed by the Project Proponent:

I. Statutory compliance:

- i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before

commencement of work. All the construction shall be done in accordance with the local building byelaws.

- ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment, etc. as per National Building Code including protection measures from lightening, etc.
- iii) The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- iv) The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v) The project proponent shall obtain Consent to Establish / Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.
- vi) The project proponent shall obtain the necessary permission for drawl of ground water/ surface water required for the project from the competent authority.
- vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix) The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x) The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- xi) The project site shall conform to the suitability as prescribed under the provisions laid down under the master plan of respective city/ town. For that, the project proponent shall either to submit the NOC/ land use conformity certificate from Deptt. of Town and Country Planning or other concerned Authority under whom jurisdiction, the site falls.
- xii) Besides above, the project proponent shall also comply with siting criteria / guidelines, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.

- xiii) The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is applied.

II. Air quality monitoring and preservation

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii) The project proponent shall install system to carryout Ambient Air Quality monitoring for common /criterion parameters relevant-to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
- iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3m height or 1/3rd of the building height and maximum upto 10m). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi) No Excavation of soil shall be carried out without adequate dust mitigation measures in place.
- vii) No loose soil or sand or construction & demolition waste or any other construction material that causes dust shall be left uncovered.
- viii) No uncovered vehicles carrying construction material and waste shall be permitted
- ix) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.

- x) Grinding and Cutting of building material in open area shall be prohibited. Wet jet shall be provided for grinding and stone cutting.
- xi) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- xii) All construction and demolition debris shall be stored at the site within earmarked area and road side storage of construction material and waste shall be prohibited. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- xiii) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xiv) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xv) For indoor air quality the ventilation provisions as per National Building Code of India.
- xvi) Roads leading to or at construction site must be paved and blacktopped (i.e. metallic road)
- xvii) Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- xviii) Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measure be notified at the site.

III. Water quality monitoring and preservation

- i) The natural drain system should be maintained for ensuring unrestricted flow of water.
- ii) No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- iii) Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iv) The total water requirement for the project will be 1139 KL/day, out of which fresh water demand of 680 KL /day shall be met through GMADA supply and remaining through recycling of treated waste water from their own STP. Total fresh water use shall not exceed the proposed requirement as provided in the project details.

- iv) a) The total wastewater generation from the project will be 885 KL/day, which will be treated in STP to be installed within the project premises. As proposed, reuse of treated wastewater shall be as under:-

| Sr. No. | Season | For Flushing purposes (KLD) | Green Area (KLD) | Into GAMAD Sewer KLD |
|----------------|---------------|------------------------------------|-------------------------|-----------------------------|
| 1. | Summer | 365 | 94 | 426 |
| 2. | Winter | 365 | 34 | 486 |
| 3. | Rainy | 365 | 10 | 510 |

- b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.
- c) During construction phase, the project proponent shall ensure that the waste water being generated from the labour quarters/toilets shall be treated and disposed in environment friendly manner. The project proponent shall also exercise the option of modular bio-toilets or will provide proper and adequately design septic tanks for the treatment of such waste water and treated effluents shall be utilized for green area/plantation
- vi) The project proponent shall ensure safe drinking water supply to the habitants. Adequate treatment facility for drinking water shall be provided, if required.
- vii) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- viii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- ix) At least 20% of the open spaces as required by the local building bye-Laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- x) Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.

- xi) The respective project proponent shall discourage the installation of R.O. plants in their projects in order to save the wastage in form of RO reject. However, in case the requirement of installing RO plant is utmost necessary then the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component i.e. (Tower/Mall) or in a common place in the project premises.
- xii) The project proponent shall also adopt the new/innovating technologies like less water discharging taps (faucet with aerators)/urinals with electronic sensor system /water less urinals / twin flush cisterns/ sensor based alarming system for overhead water storage tanks and make it a part of the environmental management plans / building plans so as to reduce the water consumption/ground water abstraction in their Building Construction & Industrial projects.
- xiii) The project proponent will provide plumbing system for reuse of treated wastewater for flushing/ HVAC/ other purposes etc. and colour coding of different pipe lines carrying water/wastewater from different sources / treated wastewater as follows:

| Sr. No | Nature of the Stream | Color code |
|--------|---|-------------------|
| a) | Fresh water | Blue |
| b) | Untreated wastewater from Toilets/ urinal & from Kitchen | Black |
| c) | Untreated wastewater from Bathing/shower area, hand washing (Washbasin / sinks) and from Cloth Washing | Grey |
| d) | Reject water streams from RO plants & AC condensate (this is to be implemented wherever centralized AC system and common RO has been proposed in the Project). Further, in case of individual houses/establishment this proposal may also be implemented wherever possible. | White |
| e) | Treated wastewater (for reuse only for plantation purposes) from the STP treating black water | Green |
| f) | Treated wastewater (for reuse for flushing purposes or any other activity except plantation) from the STP treating grey water | Green with strips |
| g) | Storm water | Orange |

- xiv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xv) The CGWA provisions on rain water harvesting should be followed. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total fresh water requirement shall

be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. As per the proposal submitted by the project proponent 19 no. rain water harvesting recharge pits /storage tanks shall be provided for ground water recharging as per the CGWB norms. The ground water shall not be withdrawn without approval from the Competent Authority.

- xvi) All recharge should be limited to shallow aquifer.
- xvii) No ground water shall be used during construction phase of the project. Only treated sewage/wastewater shall be used. A proper record in this regard should be maintained and available at site.
- xviii) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xix) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- xx) Sewage shall be treated in the STP with tertiary treatment. STP shall be installed in a phased manner viz a viz in the module system designed in such a way so as to efficiently treat the wastewater with an increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/reused for flushing, AC make up water and gardening. No treated water shall be disposed of into the municipal storm water drain.
- xxi) No sewage or untreated effluent water would be discharged through storm water drains. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on-site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by the Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xxii) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xxiii) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i) Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii) Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii) Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures

- i) Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
- ii) Outdoor and common area lighting shall be LED.
- iii) Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased. day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- iv) Energy conservation measures like installation of LEDs for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v) Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1 % of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- vi) Solar power by utilizing at least 30% of the roof top area shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

VI. Waste Management

- i) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- ii) Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv) Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed for treatment and disposal of the waste.
- v) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- vi) Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii) Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- viii) Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
- ix) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- x) Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover

- i) No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth

and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).

- ii) At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of total project land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. The plantation should be provided as per SEIAA guidelines.
- iii) Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1: 10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- iv) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
- v) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.
- vi) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use.

VIII. Transport

- i) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b) Traffic calming measures.
 - c) Proper design of entry and exit points.

- d) Parking norms as per local regulation.
- ii) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- iv) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.

IX. Human health issues

- i) All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii) For indoor air quality the ventilation provisions as per National Building Code of India.
- iii) Emergency preparedness plan based on the Hazard identification and Risk Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv) Occupational health surveillance of the workers shall be done on a regular basis.
- v) A First Aid Room shall be provided in the project both during construction and operations of the project.

X. Corporate Environment Responsibility

- i) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least a minimum amount of Rs.174.75 Lacs [@ 0.75% of total project cost for expansion towards the following CER activities. The details are given below: -

| S. No | CER Activities | Year-wise implementation budget in Lacs (INR) | | | | | Fund allocated (Lakhs) |
|-------|---|---|----------------------|----------------------|----------------------|----------------------|------------------------|
| | | 1 st year | 2 nd year | 3 rd year | 4 th year | 5 th year | |
| i) | Electrification | 3.75 | 3.75 | 3.75 | 3.74 | 3.74 | 18.73 |
| ii) | Rain water Harvesting | 2.09 | 2.09 | 2.09 | 2.09 | 2.09 | 10.47 |
| iii) | Avenue Plantation | 4.05 | 4.05 | 4.05 | 4.05 | 4.05 | 20.25 |
| iv) | Drinking Water Supply | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 10.00 |
| v) | Sanitation & Health Education | 3.06 | 3.06 | 3.06 | 3.06 | 3.06 | 15.30 |
| vi) | Development of 4 ponds in nearby villages | - | 25.0 | 25.0 | 25.0 | 25.0 | 100.0 |
| | Total | 14.95 | 34.95 | 34.95 | 34.94 | 34.94 | 174.75 |

- i) The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- ii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.

- v) Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in separate accounts and not to be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs 30.5 Lacs towards the capital cost and Rs 14.62 Lacs/annum towards recurring cost in the construction phase of the project including the environmental monitoring cost and shall spend the minimum amount of Rs 168.0 Lacs/annum towards the capital cost and Rs 35.5 lacs/year towards recurring cost in operation phase of the project including the environmental monitoring cost. The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of the environmental management plan is transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Report.

XI. Validity

- i) This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.

XII. Miscellaneous

- i) The project proponent before allowing any occupancy shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab.
- ii) The project proponent shall comply with the conditions of CLU.
- iii) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
- iv) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- v) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- vi) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of

the ministry of Environment, Forest and Climate Change at Environment Clearance portal.

- vii) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- viii) The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xi) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xii) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiii) The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv) The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xv) The Regional Office of this Ministry and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/monitoring reports.
- xvi) The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

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

Item No 170.13: Delisting of proposals considered at item No 155.08 & 155.29 and 158.16 & 158.25 of 155th and 158th meeting of SEIAA held on 14.11.2019 and 23.12.2019 respectively.

The facts of the case are as under:-

1.0 Background

Earlier, the subject cited items were considered by SEIAA in its 165th meeting held on 19.06.2020 and it was apprised as under:-

| Agenda Item No. | Item | Decision taken by SEIAA | Action Taken |
|------------------------|--|--|---|
| 155.08 | Regarding transfer of Environmental Clearance granted under EIA notification dated 14.09.2006 to General Manager-cum-Mining Officer, District Industries Centre, Ludhiana for mining of minor minerals in the revenue estate of Village Bhukhri Khurd, Tehsil Ludhiana (E), District Ludhiana in the name of M/s Mahadev Enclave Private Limited, B-37, Ayodhya Marg, Hanuman Nagar, Jaipur (Rajasthan). | SEIAA accepted the request of the contractor and decided to defer the case and place the case in the meeting only after the discrepancies are attended to by the contractor/Mining department. | Observation has been conveyed vide letter no 1456 dated 03.02.2020. However, no reply has been received so far |
| 155.29 | Regarding transfer of Environmental Clearance granted under EIA notification dated 14.09.2006 to General Manager-cum-Mining Officer, District Industries Centre, Ferozpur for mining of minor minerals in the | SEIAA accepted the request of the contractor and decided to defer the case and place the case in the meeting only after the discrepancies are attended to by the contractor/Mining department. | Observation has been conveyed to the applicant vide letter no 1444 dated 03.02.2020. However, no reply has been received so far |

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| | revenue estate of Village Pir Ismail Khan, Tehsil & District Ferozepur in the name of M/s Prime Vision Industries Private Limited, 312, 3 rd Floor, Vishal Chamber, P-1, Sector-18, Noida – 201301, Distt. Gautam Budh Nagar, Uttar Pradesh. | | |
| 158.16 | Regarding transfer of Environmental Clearance granted under EIA notification dated 14.09.2006 to The Director, Department of Industries & Commerce, Govt. of Punjab for mining of minor minerals in the revenue estate of Village Nangram, Tehsil Nangal, District Rupnagar in the name of Rakesh Kumar Chaudhary, Krishna Complex, Sector-3 Extn, Trikuta Nagar, Jammu. | SEIAA accepted the request of the contractor and decided to defer the case and place the case in the meeting only after the discrepancies are attended to by the contractor/Mining department. | Observation has been conveyed to the project proponent vide letter no 1452 dated 03.02.2020. However, no reply has been received so far |
| 158.25 | Regarding transfer of Environmental Clearance granted under EIA notification dated 14.09.2006 to The Director, Department of Industries & Commerce, Govt. of Punjab for mining of minor minerals in the revenue estate of Village Chak Hari Rai, Tehsil & District Pathankot in the name of M/s Sainik Industries Private Limited (Earlier known | SEIAA accepted the request of the contractor and decided to defer the case and place the case in the meeting only after reply to the observation submitted by the contractor. | Observation conveyed to the project proponent vide letter no 1327 dated 16.01.2020 However, no reply has been received so far |

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| | as Sainik Foods Private Limited), Flat No. 201 & 202, Vikas Plaza Building No.2, Local Shopping Centre, Kalkaji, New Delhi – 110019. | | |
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After detailed deliberations, SEIAA decided that notice for delisting the aforesaid case be issued to the project proponent.

In compliance with the aforesaid decision, notices for delisting the case in the item nos of 155.08, 155.29, 158.16 & 158.25 have been issued vide letter no. 1859, 1861, 1863, 1865 respectively, dated 29.07.2020 to the project proponent, and a copy of the same was endorsed to Environmental, Drainage-cum-Mining Officer in reference to their request submitted to SEIAA. However, no reply has been received so far.

2.0 Deliberations during 170th meeting of SEIAA held on 16.09.2020

The case was considered by SEIAA in its 170th meeting held on 16.09.2020. SEIAA observed that observations were conveyed to the project proponents in the month of February 2020 and notices for delisting were also issued on 29.07.2020. No reply has been received from any of the project proponents even after one month from the date of issuance of notice.

SEIAA felt that the project proponents are not interested to pursue their cases after submission of applications for obtaining environmental clearance. After detailed deliberations, SEIAA decided to delist the aforesaid cases in compliance to the OM dated 30.10.2012 issued by MoEF&CC

Item No. 170.14: Regarding the status of various Court Cases pending before the Hon'ble Court.

SEIAA was apprised the latest status of Court cases relating to the different Hon'ble Courts as under:

| Sr. No. | Name of the case/Industry | Year of filing the case | U/s/Act and Brief of Violation | Remarks (Interim orders of last hearing of court) | Present Status and next date of hearing |
|----------------|--|---|--|--|--|
| 1 | CWP no. 21351 of 2016 filed by M/s Janta Land Promoters Ltd. v/s Union of India & others | 2016 SSTE, PPCB, SEAC & SEIAA have been impleaded as Respondent no. 2, 3, 4 & 5. | The project proponent has contended that Janta Land Promoter Ltd. has taken the Environmental Clearance for whole area which included their project site also. As such, the individual project does not require Environmental clearance. | Lastly, the court was attended on 19.02.2020. During the hearing, Mr. Aman Sharma, Advocate appeared on behalf of SEIAA, who accepted the notice on behalf of respondents No. 4 and 5 and prays for time to file a reply to the application. | The case listed on 17.08.2020 which was adjourned to 12.11.2020 Status report in the matter was filed by Reeta Kohli in the Hon'ble High court. |
| 2 | CWPno.21940 of 2018 titled as Sukhdev Singh & Others v/s State of Punjab & others | 2018 SEIAA have been impleaded as Respondent no. 4 | The petitioner has prayed about shifting of Solid Waste facility from the present venue i.e. Bhagtanwala to some other alternative site. | The reply has been filed on behalf of respondent no 4 i.e SEIAA in the Hon'ble Court on 24.01.2020. | The case was listed on 21.07.2020 and then adjourned to 08.10.2020. |
| 3 | CWP no.6777 | 2019 | The petitioner | Earlier, the | The case was |

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| | of 2019 titled as Piyar Kaur & Another v/s Union of India & others filed through Advocate Satinder Kaur in Hon'ble Punjab & Haryana High Court, Punjab | SEIAA has been impleaded as Respondent 09. | has prayed that he has been falsely implicated in the illegal mining case. PPCB vide letter no. 19258 dated 28/06/2019 informed that Sh. Sahil Sharma, Advocate has been appointed to appear before the Hon'ble Court on behalf of SEIAA | case was listed on 16.11.2019 and Sh. Sahil Sharma, Advocate appearing on behalf of SEIAA (Respondent No. 9) submitted in the court that he does not want to file any reply as no prayer has been made against the SEIAA Lastly, Listed on 16.03.2020 | listed on 21.07.2020 and adjourned to 08.10.2020 |
| 4 | Review Petition in CWP 27115 of 2019 CM 1234 of ___ 2020 RA-CW- 31 of 2020 M/s Surya Land Promoters Pvt. Ltd. Vs Union of India &Ors. | 2020 | Review petition filed against the order of High court dated 25.09.2019 | A review petition was filed by the SEIAA on 17.01.2020. The case was listed on 24.03.2020 | The case was listed on 21.07.2020 and adjourned to 06.10.2020 MoEF&CC was requested vide letter no. 1869 dated - 29.07.2020 to send a copy of the reply file in the Hon'ble High Court. |
| 5 | CWP No 1483 of 2020 Jalandhar Human Welfare Society Vs State | 2020 | Requested to cancel the Environmental Clearance. | Reply was filed on 12.03.2020 on behalf of SEIAA. The | The case was listed on 13.08.2020 and adjourned to |

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| | of Punjab | | SEIAA is one of the respondent i.e. Respondent no 6 | case was listed on 01.04.2020 | 10.11.2020 |
| 6. | CWP 20853 of 2019 Premdeep Singh Shergil Vs State of Punjab & Others | 2020 | Copy of petition received SEIAA is one of the respondent i.e. Respondent no 5 | Mail received on 31.01.2020 Reply has been approved by SEIAA in its 162nd meeting held on 19.03.2020. However, the same has yet to be signed by MS(SEIAA) | The case was listed on 16.07.2020 and adjourned to 17.09.2020 . Reply has been filed in the month of August 2020 |
| 7 | CWP 10239 of 2020 titled Rahul Pathania Vs UOI & others | 2020 | The petitioner has laid challenge to the e-auction notice dated 30.05.2019 and prayer has been made for quashing environment clearance granted by SEIAA in its 155th Meeting SEIAA is one of the respondent i.e. Respondent no 4 | Mail received on 01.08.2020 Reply has been approved by SEIAA in its 169th meeting held on 17.08.2020. | The case was listed on 24.08.2020 and adjourned to 22.09.2020 . Reply as approved by SEIAA in its 169 th meeting held on 28.08.2020 is handed over to Sh. Suveer Shoekand on 11.09.2020 to file the same in the Hon'ble High Court. |
| 8 | CWP 10339 of 2020 titled Rakesh Kumar Chowdhary Vs | 2020 | SEIAA is one of the respondent i.e. Respondent no 6 | Hon'ble High Court vide order dated 28.08.2020 | The cases listed on 24.11.2020 |

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| | State of Punjab & Others | | | (Annexure-) Ordered that on deposit of process fee, let notices be issued for service of respondent no.6 for 24.11.2020. | |
| 9 | CWP 11749 of 2020- Friends and Co. Vs. State of Punjab and others. | | SEIAA is not a respondent in the matter. However, matter relates to the grant of EC | An email dated 17.08.2020 forwarded by AD(DECC) is annexed as Annexure-B for kind perusal | The case was listed on 14.08.2020 and adjourned to 23.09.2020. A copy of the order dated 14.08.2020 is annexed as Annexure- C No order has been passed w.r.t SEIAA. |

Before Hon'ble NGT

| Sr. No. | Name of the case/Industry | Year of filing the case | U/s/Act and Brief of Violation | Remarks (Interim orders of last hearing of court) | Present Status and next date of hearing |
|---------|---|-------------------------|--------------------------------------|---|---|
| 1 | OA No. 980/2019 tilted as Harminder Singh & others. v/s Union of India & others | 2019 | NGT constituted a team in the matter | Lastly listed on 06.12.2019. The report was filed on 05.12.2019 through email Detailed order passed on 03.03.2020 | Case was listed on 21.05.2020 * Updated status is not available. The matter is placed in the instant agenda i.e. (167 th meeting) at item no. 167.15 |
| 2. | OA no. 55/2020 | 2020 | NGT constituted | Detailed order | The case |

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| | tilted as M/s Bachitter Singh Versus State of Punjab &Ors. | | a team in the matter. SEIAA decided that Sh. Deepak Sethi will represent SEIAA in the committee and he was informed vide email dated 21.05.2020 | passed on 03.03.2020 | was listed on 07.07.2020 and adjourned to 22.09.200 The report has already been filed on 01.08.2020 |
| 3 | Appeal No 19 of 2020 i.e M/s JLPL vs PPCB | 2020 | Appeal against the PPCB order dated 20.07.2020 directing stopping construction activities for project Falcon View under section 33-A of Water Act, 1974 | NGT vide order dated 14.08.2020 directed PPCB & SEIAA to file their response before 16.10.2020 | Listed on 16.10.2020 . The matter is placed in the instant agenda of the meeting (170th meeting of SEIAA) |
| 4 | OA No 159/2020 Ram Singh & Ors vs Union of India & Ors | 2020 | Illegal Mining and stone Crushing in Block Majri, SAS Nagar, District Mohali | NGT vide order dated 14.08.2020 constituted a Joint Committee of CPCB, SEIAA, Punjab, State PCB, and Jurisdictional Divisional Commissioner State PCB is the nodal agency | Matter adjourned to 20.11.2020 The matter is placed in the instant agenda of the meeting (170th meeting of SEIAA). |
| 5 | OA No 125/2020 titled Kulwant Singh & Ors Vs UOI & Ors. | 2020 | The matter relates to the Talwandi Sabo Power Ltd. (TSPL), Mansa to pay environmental compensation for | Hon'ble NGT, vide order dated 15.07.2020 constituted a joint Committee comprising | Matter adjourned to 07.01.2021 Dr. Sunil Mittal, Member SEIAA nominated |

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| | | | damage to the environment and the agricultural fields on account of unscientific management of the fly ash | CPCB, State PCB, SEIAA, Punjab and District Magistrate, Mansa has | in the committee constituted by Hon'ble NGT |
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SEIAA perused the status of the aforesaid cases and after deliberations, SEIAA decided as under: -

- i) Standing counsel may be asked a day before to appear in their respective case as per the listed date before the respective Court.
- ii) Review Petition RA-CW- 31 of 2020 filed in CWP 27115 of 2019 & CM 1234 of 2020 titled M/s Surya Land Promoters Pvt. Ltd. Vs Union of India & Ors be deliberated with Advocate engaged in the matter 02 days before the listed date 06.10.2020.
- iii) Status of filing the reply in the matter of CWP 10239 of 2020 titled Rahul Pathania Vs UOI & Others be confirmed from the Advocate engaged in the matter.
- iv) In the CWP 10339 of 2020 titled Rakesh Kumar Chowdhary Vs State of Punjab & Others, a copy of the petition be asked from the advocate of the Petitioner and be placed in the next meeting of SEIAA.
- v) In the CWP 11749 of 2020 titled Friends and Co. Vs. State of Punjab and others, updated status of case applied by M/s Friends & Co. be provided to the Advocate Sahil Sharma through email.
- vi) Various complaints received regarding the mining case be forwarded to the Director mining for taking necessary action at their end.
- vii) Updated status of court cases pending before various Hon'ble Courts be placed in every meeting of SEIAA.

Item No 170.15 Hon'ble NGT order passed on 14.08.2020 in OA No 159/2020 titled Ram Singh & Ors. Vs Union of India & Ors

Hon'ble NGT in the OA No 159/2020 Ram Singh & Ors. Vs Union of India & Ors has passed an order on 14.08.2020 and the contents of the same is reproduced as under:-

"1. Grievance in this application is that illegal mining and stone crushing was taking place in Block Majri situated in S.A.S Nagar, District Mohali, Punjab. The applicants earlier

filed O.A No. 383/2019, Ram Singh & Ors. v. Union of India & Ors. The Tribunal constituted a joint Committee comprising of the CPCB, State PCB and the Deputy Commissioner, Mohali for furnishing a factual and action taken report vide order dated 23.04.2019. Accordingly, the joint Committee submitted its report dated 21.06.2019 to the effect that illegal mining had stopped. In view of the said report, the Tribunal vide order dated 26.07.2019, disposed of the application. However, thereafter, the applicants found that illegal activities had resumed and no action was being taken. The illegal mining is duly captured in CCTV footage in the area. The applicants were informed that the penalty was imposed for such illegal mining as per information under the RTI dated 23.09.2019. The applicants made representations to the concerned authorities, including the Mining Department and the local Police but no action has been taken. The applicants have also relied upon newspaper reports that illegal mining was taking place and FIR dated 12.06.2020, reporting attacks on villagers opposing illegal mining. Applicants have also filed photographs in support of the averments.

2. In view of the above, we find it necessary to require a factual and action taken report from **a joint Committee of CPCB, SEIAA, Punjab, Punjab State PCB** and the jurisdictional Divisional Commissioner within two months by email at mail at judicial-ngt@gov.in preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF. The **Punjab State PCB** will be the nodal agency for coordination and compliance.

The applicant may serve a set of papers on the CPCB, SEIAA, Punjab, Punjab State PCB, and the jurisdictional Divisional Commissioner and file an affidavit of service within two weeks.

A copy of this order be forwarded to the CPCB, SEIAA, Punjab, Punjab State PCB, and the jurisdictional Divisional Commissioner by email for compliance.

List for further consideration on 20.11.2020."

Deliberations during the 170th meeting of SEIAA held on 16.09.2020.

The matter was placed in the 170th meeting of SEIAA held on 16.09.2020. SEIAA perused the aforesaid order passed by the Hon'ble NGT on 14.08.2020.

SEIAA observed that the matter relates to the illegal mining and stone crushing in Block Majri situated in S.A.S Nagar, District Mohali, Punjab.

After deliberations, SEIAA decided that Dr. Sunil Mittal, Member SEIAA shall represent the SEIAA in the committee constituted by Hon'ble NGT. He shall coordinate with the Nodal Agency i.e. PPCB on behalf of SEIAA to comply with the order dated 14.08.2020 passed by the Hon'ble NGT in the OA No. 159/2020 titled Ram Singh & Ors. Vs Union of India & Ors.

Item No 170.16 Regarding submission of information / documents in the matter of OA no. 980 of 2019 titled as Harminder Singh and others Versus Union of India in reference to the deliberations held during meeting dated 29.7.2020 at Chandigarh (Project : The Lake at Vill. Kansala, Bharoujian, Rani Majra, Dhode Majra and Rasoolpur, Distt. SAS Nagar (Mohali) being developed by M/s Omaxe Chandigarh Extension Developers Pvt. Ltd.)

The facts of the matter are as under: -

Coordinator cum SEE, Zonal Office-I, PPCB, Patiala vide email dated 03.09.2020 intimated as under :-

The Hon'ble NGT orders dated 03.03.2020 in OA no. 980 of 2019 titled as Harminder Singh & Anr. Vs. Union of India & Ors. has constituted a committee comprising of representative of CPCB, IIT Roorkee and PPCB for the purpose to assess as to whether the illegal construction may either to be removed or compensation to be assessed and recovered in case of subject mentioned project.

The Committee has visited the project site and the area nearby including village Kansala and SAS Nagar (Mohali) in presence of the official representatives of stakeholder departments viz. Deptt. of Drainage, Punjab and Deptt. of Punjab Housing and Urban Development (GMADA and CTP), complainants and project promoter on 29/7/2020.

After the field visit and detailed deliberations on the issue, the committee decided that SEIAA, Punjab may be requested to clarify as to whether there was any specific reference of the Siswan river passing through the project site in the Term of Reference (TOR) issued to the project proponent and the compliance status thereto.

It is requested to provide the above information at the earliest to facilitate the Committee to finalize and file the report before the Hon'ble NGT, please.

A copy of Terms of Reference issued to the M/s Omaxe Chandigarh Extension Developers Pvt. Ltd., extract, and thereafter issued environmental clearance are annexed as Annexure-D, E, F for kind perusal.

The matter was considered by SEIAA in its 170th meeting held on 16.09.2020. SEIAA perused the minutes of the 68th meeting of SEAC held on 18.03.2013 (in which TORs for development of the project was issued) and the minutes of the meeting of 97th

meeting of SEAC held on 28.07.2014 (in which TORs for expansion of the project was issued) and observed that matter of Siswan river passing through the project site was neither deliberated upon nor any specific TORs was imposed while granting the TORs to the promoter company.

It is pertinent to mention here that regarding the permanent or temporary change in land use, the project proponent submitted in the application form that the project site is located in village Kansala, Ranimajara, Dhodhemajra, Ranimajra, Dhodhemajra, Rasoolpur in Mullanpur (LPA) and the proposed site conforms to the land use as per the Master Plan.

After detailed deliberations, SEIAA decided to inform the Punjab Pollution Control Board as above and also send a copy of the layout plan approved by CTP in reference to their email 03.09.2020.

Item No. 170.17 Application for issuance of TORs for obtaining environmental clearance under EIA notification dated 14.09.2006 for the development of commercial project namely "Judicial Court Complex and District Administrative Complex", District Tarn Taran, Punjab by Executive Engineer, Construction Division no. 1, PWD (B& R), Court Road, Amritsar. (Old Proposal No. SIA/PB/NCP /52903 /2016 for EC, New Proposal No. SIA/PB/NCP/25479/2018 for TORs)

The facts of the case are as under:-

The Executive Engineer, Construction Division no. 1, PWD (B & R), has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for the development of project namely "Judicial Court Complex and District Administrative Complex, Punjab. The project is covered under category 8 (a) of the Schedule appended to the said notification.

1.0 Background

1.1 Deliberations during 148th meeting of SEAC held on 19.07.2016

The case was considered by the SEAC in its 148th meeting held on 19.07.2016, which was attended by the following: -

- 1) Sh. Daljit Singh, Executive Engineer, PWD, B & R, Amritsar on behalf of project proponent.
- 2) Sh. Kuldeep Singh, SDO, B & R, Amritsar on behalf of project proponent.
- 3) Sh. Vishal Duggal, FAE, Air Pollution, M/s Shivalik Solid Waste Management, Environmental Consultant of the promoter Company

The SEAC observed that the project proponent has already carried out construction without getting prior environmental clearance which is in violation of EIA notification dated 14.09.2006 and thus liable for credible action in view of the circular dated 12.12.12 and 27.06.2013 issued by MoEF. A complaint u/s 15,17 of the Environment (Protection) Act,1986 filed by PPCB in the court of Hon'ble CJM, Tarn Taran is not as per the procedure laid down in the OM dated 12.12.12 and 27.06.2013 issued by MoEF. Also, in case of violation by any Deptt. Of Govt., section 17 of the Environment (Protection) Act, 1986 is followed which is provided as under: -

"(1) Where an offence under this Act has been committed by any Department of Government, the Head of the Department shall be deemed to be guilty of the offence and shall be liable to be proceeded against and punished accordingly.

Provided that nothing contained in this section shall render such Head of the Department liable to any punishment if he proves that the offence was committed without his knowledge or that he exercised all due diligence to prevent the commission of such offence.

(2) Notwithstanding anything contained in sub-section (1), where an offence under this Act has been committed by a Department of Government and it is proved that the offence has been committed with the consent or connivance of, or is attributable to any neglect on the part of, any officer, other than the Head of the Department, such officer shall also be deemed to be guilty of that offence and shall be liable to be proceeded against and punished accordingly"

But in present case, a complaint has been filed by PPCB against the Executive Engineer & SDE of PWD (B & R) as well as Sub Divisional Magistrate, Tarn Taran but not against the HOD of PWD (B& R) i.e. Chief Engineer.

After detailed deliberations, the SEAC decided to forward the case to SEIAA with the following recommendations:

- a) To ask the project proponent to submit a formal resolution passed by the Board of Directors of the Company or by the Managing Committee /CEO of the Society, Trust, partnership /individually owned concern /Competent Authority, within 60 days, mentioning that violations will not be repeated in future and in the meantime, the project may be delisted. In the eventuality of not having any response from the project proponent within the prescribed limit of 60 days, the project file may be closed.
- b) For initiating credible action against project proponent /responsible persons

/Promoter Company under the Environment (Protection) Act, 1986 due to start of construction activities of the project without obtaining Environmental Clearance under EIA notification dated 14.09.2006. The names of all the Directors as mentioned in the Memorandum & Article of Association submitted by the project proponent alongwith applicant be sent to Punjab Pollution Control Board as project proponent(s)/persons responsible.

- c) Once action as per point a & b mentioned above have been taken, the concerned case will be dealt with and processed as per the prescribed procedure for dealing with cases for grant of TORs /Environment Clearance /CRZ Clearance and appropriate recommendation made by the EAC/decision taken by the Ministry as per the merit of the case.
- d) For issuance of directions under Section 5 of the Environment (Protection) Act, 1986 to restrain the promoter company from carrying out any further construction activity of the project till the environmental clearance under EIA notification dated 14.09.2006 is obtained.

However, the above mentioned recommendations are subject to the final order of the Hon'ble Supreme Court of India in matter of civil appeal no. 7191-7192/2015 as may be applicable to this project and decision of any competent authority to the extent applicable.

In addition to the above, the SEAC also decided that PPCB be asked to verify the status of such non-compliances in other Districts of the State of Punjab and submit a report within one month.

1.2 Deliberations during 113th meeting of SEIAA held on 10.08.2016

The case was considered by the SEIAA in its 113th meeting held on 10.08.2016, which was attended by the following: -

- i) Sh. Daljit Singh, Executive Engineer, PWD, B & R, Amritsar on behalf of project proponent.
- ii) Sh. Vishal Duggal, Environmental Consultant, M/s Shivalik Solid Waste Management of the promoter Company

The SEIAA observed that Punjab Pollution Control Board has already filed a complaint u/s 15, 17 of the Environmental Protection Act, 1986 before the Hon'ble Chief Judicial Magistrate, Tarn Taran due to the violation of the provisions of EIA Notification dated 14.09.2006. Therefore, there is no need to file fresh complaint under same section before the competent court of the Law for violating the provision of the EIA Notification dated 14.09.2006.

The SEIAA queried that what is the status of the construction of the project? In reply to this query, the project proponent submitted an undertaking to the effect that an affidavit has already been submitted indicating about 94% work of the

project complete and the remaining were including only furnishing of interiors and furniture work, which was in progress at that time, has been completed. No further construction at the site has been carried out after submission of the application for Environmental Clearance. The undertaking submitted by the project proponent was taken on record by the SEIAA. The SEIAA observed that since the construction work of the building has already been completed, therefore, there is no need to issue directions under Section 5 of the Environment (Protection) Act, 1986 to restrain the promoter company from carrying out any further construction activity of the project till the environmental clearance under EIA notification dated 14.09.2006.

Further, the SEIAA observed that being a Govt. Department, Executive Engineer, PWD (B & R), Amritsar in the already submitted affidavit 01.03.2016 has declared and affirmed at Sr. No. 2, 3 & 4 as under:

- That, the violation regarding carrying construction activity without obtaining statutory Environmental Clearance was inadvertent and unintentional.
- That, about 94% of the overall construction work has already been completed and there shall be no further construction/ development activity at the site till all statutory permission from the competent authorities are obtained.
- That, there shall be no violation of any applicable legal requirement in future.

Therefore, there is no need to ask the project proponent to submit a formal resolution passed by the Board of Directors of the Company or by the Managing Committee /CEO of the Society, Trust, partnership /individually owned concern /Competent Authority, within 60 days.

After detailed deliberations, it was decided as under:

- i) Case be remand-back to SEAC for the appraisal of the Environmental Clearance of the project.
- ii) The matter regarding asking PPCB to verify the status of such non compliances in other Districts of the State of Punjab be placed before the combined meeting of SEIAA & SEAC for detailed deliberations.

1.3 Deliberations during 149th meeting of SEAC held on 29.08.2016

The case was considered by the SEAC in its 149th meeting held on 29.08.2016, which was attended by the following: -

- i) Sh. Daljit Singh, Executive Engineer, PWD, B & R, Amritsar on behalf of project proponent.
- ii) Sh. Vishal Duggal, Environmental Consultant, M/s Shivalik Solid Waste Management of the promoter Company

The SEAC allowed the project proponent to present the salient features of the project and the environmental consultant presented salient features.

The SEAC observed that following issues have not been addressed/clarified in the presentation: -

- i) The project is located near to National Highway and there is possibility of involvement of forest land for the approach road to the project site. The project proponent is required to submit status of permission under Forest (Conservation) Act, 1980, if use of any forest land including approach to the project site from road is involved, then copy of acknowledgement alongwith set of application filed for obtaining forest clearance under Forest (Conservation) Act, 1980 be submitted. Alternatively, NOC from concerned DFO to the effect that no forest land including approach to project site from road is involved be submitted.
- ii) The project proponent has mentioned that treated trade effluent will be discharged into Patti drain, however, enough agricultural land is available adjoining to the project. Thus, project proponent shall make an agreement with nearby farmers for utilization of treated sewage and proposal for the same shall be submitted.
- iii) Proposal for Solar power generation as energy conservation measure shall be submitted.
- iv) Permission for abstraction of ground water is required to be submitted.

After deliberations, the SEAC decided that the project proponent is required to present the case completely and come out with revised presentation alongwith photographs & decided to defer the case till the project proponent submits the reply to the aforesaid observations.

Thereafter, the project proponent vide its letter number 1568 dated 24.11.2016 had submitted the reply to the observations raised by the SEAC in its 149th meeting held on 29.08.2016 to this office.

1.4 Deliberations during 156th meeting of SEAC held on 06.04.2017

The case was considered by the SEAC in its 156th meeting held on 06.04.2017 but no representative from the project proponent side attended the meeting.

However, the SEAC observed that Ministry of Environment, Forest and Climate change, New Delhi vide Notification No. S.O. 804(E) dated 14.03.2017 has laid down the procedure to deal with the violation cases and has made the following amendments in the EIA Notification, 2006: -

- a) In case the projects or activities requiring prior environmental clearance under Environment Impact Assessment Notification, 2006 from the concerned Regulatory Authority are brought for environmental clearance after starting the construction work, or have undertaken expansion, modernization, and change in product- mix without prior environmental clearance, these projects shall be treated as cases of violations and in such cases, even Category B projects which

are granted environmental clearance by the State Environment Impact Assessment Authority constituted under sub-section (3) Section 3 of the Environment (Protection) Act, 1986 shall be appraised for grant of environmental clearance only by the Expert Appraisal Committee and environmental clearance will be granted at the Central level.

- b) In cases of violation, action will be taken against the project proponent by the respective State or State Pollution Control Board under the provisions of section 19 of the Environment (Protection) Act, 1986 and further, no consent to operate or occupancy certificate will be issued till the project is granted the environmental clearance.
- c) The cases of violation will be appraised by respective sector Expert Appraisal Committees constituted under subsection (3) of Section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can be run sustainably under compliance of environmental norms with adequate environmental safeguards; and in case, where the finding of the Expert Appraisal Committee is negative, closure of the project will be recommended along with other actions under the law.
- d) In case, where the findings of the Expert Appraisal Committee on point at sub-para (4) above are affirmative, the projects under this category will be prescribed the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan. Further, the Expert Appraisal Committee will prescribe a specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants. The collection and analysis 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 Environment (Protection) Act, 1986, or a environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of a Council of Scientific and Industrial Research institution working in the field of environment.
- e) The Expert Appraisal Committee shall stipulate the implementation of Environmental Management Plan, comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefit derived due to violation as a condition of environmental clearance.
- f) The project proponent will 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 quantification will be recommended by Expert Appraisal Committee and finalized by Regulatory Authority and the bank guarantee shall be deposited prior to the grant of environmental clearance and will be released after successful implementation of the remediation plan and Natural and Community Resource Augmentation Plan, and after the recommendation by regional office of the Ministry, Expert Appraisal Committee and approval of the Regulatory Authority.

The SEAC observed that as per amendment as mentioned at (a) above, violation cases of even category "B" projects which are granted Environment Clearance by SEIAA are to appraised for grant of Environment Clearance only by the EAC and Environment Clearance is to be granted at Central level. As such, the present case also lies in the competency of the MoEF&CC, New Delhi. The present Environment Clearance application filed by the project proponent online with SEIAA Punjab is required to be transferred to MoEF&CC, New Delhi.

After detailed deliberations, the SEAC decided to recommend to SEIAA as under:-

- (i) To reject the application for issuance of environmental clearance under EIA notification dated 14.09.2006 for the development of commercial project namely "Judicial Court Complex and District Administrative Complex", District Tarn Taran, Punjab.
- (ii) Project proponent be informed to apply fresh application at the Central level as per the provisions of amended EIA Notification, 2006.
- (iii) The proceedings be also sent to the Punjab Pollution Control Board for taking necessary action as per the provisions of sub para (3) of the para 13 of the amended Notification dated 14.03.2017.

1.5 Deliberations during 121st meeting of SEIAA held on 20.04.2017

The case was considered by SEIAA in its 121st meeting held on 20.04.2017, but no representative from the project proponent side attended the meeting.

After deliberations, the SEIAA decided to defer the case.

1.6 Deliberations during 123rd meeting of SEIAA held on 05.05.2017

As the term for SEIAA & SEAC was coming to an end on 05.05.2017, the status of pending cases was discussed in the 123rd meeting of SEIAA held on 04.05.2017 wherein, it was decided that list of the EC application (with online application no. and project name) of the violation cases which were deferred in 121st meeting of SEIAA held on 20.04.2017 be forward to the MoEF&CC, New Delhi and the project proponents be informed to approach the MoEF&CC, New Delhi. The instant case was also amongst the pending violation cases. Accordingly, record file of the case was sent vide SEIAA letter no. 840

dated 05.05.2017 to the MoEF&CC, New Delhi and the project proponent was requested vide letter no. 847 dated 05.05.2017 to approach the MoEF&CC, New Delhi for further action on the pending EC application.

In compliance to the order dated 14.03.2018 passed by the Hon'ble Punjab & Haryana High Court, in the matter of CWP 21351 of 2016 titled as Janta Land Promoters Ltd. Vs Union of India & other MoEF&CC, New Delhi vide its letter No. 19-184/2017-IA-III(Pt.) dated 26.03.2018 has transferred the record file of the case back to the SEIAA, Punjab.

It is further added here that, MoEF&CC issued amended notification dated 08.03.2018 wherein the power to decide the violation cases of category 'B' project have been delegated to SEIAA & SEAC, which were earlier vested with MoEF&CC, New Delhi. The notification while laying down the procedure, the para (4) & (5) prescribes as under:-

- (4) The cases of violations will be appraised by the Expert Appraisal Committee at the Central level or State or Union territory level Expert Appraisal Committee constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can run sustainably under compliance of environmental norms with adequate environmental safeguards, and in case, where the findings of Expert Appraisal Committee for projects under category A or State or Union territory level Expert Appraisal Committee for projects under category B is negative, closure of the project will be recommended along with other actions under the law.
- (5) In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis 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 a 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.

The status of the old proposal applied by the project proponent on the web portal of SEIAA is as under: -

| Proposal No | File No | Proposal Name | Date of Submission for EC | Online current status |
|------------------------|------------------------------|--|----------------------------------|------------------------------|
| SIA/PB/NCP /52903/2016 | SEIAA/PB /NCP/BC/EC/ 2016/26 | Judicial Court Complex and District Administrative Complex | 2-Jul-16 | Deferred by SEIAA |

Fresh proposal No. SIA/PB/NCP/25479/2018

The project proponent applied fresh vide proposal no. SIA/PB/NCP/25479/2018 on dated 14.04.2018 to SEIAA, Punjab for issuance of TORs for obtaining Environmental Clearance in compliance to the MoEF&CC amended notification dated 08.03.2018. The details of the document submitted with the fresh application are as under:

| | | |
|----|---|---------------|
| 1. | Properly filled Form 1 and basic information | Yes |
| 2. | Pre-feasibility Report | Submitted |
| 3. | Proof of ownership of land | Not submitted |
| 4. | Copy of Memorandum of Article & Association /partnership deed /undertaking of sole proprietorship /list of Directors and names of other persons responsible for managing the day-to-day affairs of the project. | Not submitted |
| 5. | Draft ToRs | Submitted |
| 6. | List of accredited EIA consultant organization with accredited sector of NABET | Not submitted |

The brief detail of the project is as under: -

- The project has been completed in Aug. 2016
- The project failed to obtain the EC before starting the on-site construction activities, in violation of the EIA Notification, 2006.
- The Government of Punjab has constructed Judicial Court Complex-cum- District Administrative Complex at Village Rasulpur, NH 15, TarnTaran.
- As per the project planning, total built-up area is about 58590sqm in a land area measuring 55320 sqm (16.54 acres).
- The total project cost is about Rs. 95 crores.
- Gross water consumption – ~275-360 m³/day
- Net fresh water requirement – ~225 m³/day
- Source of water – Ground water
- Gross daily wastewater generation (m³/day) – ~180
- Treated wastewater reuse potential (m³/day) ~50-135

- Disposal of excess treated wastewater into Patti drain (NOC obtained)
- The detail of generation of solid waste and their management proposed is as under:-
 - i) Total MSW to be generated = ~300 kg/day
 - ii) Recyclable rejects (@~25%) = ~100 kg/day
 - iii) Non-recyclable rejects (@~75%) = ~200 kg/day
- Management include;
 - i) Segregation at source through use of separate (colour-coded)
 - ii) Collection bins for recyclable and non-recyclable rejects
 - a) Recyclable component – sold to the authorized recycler
 - b) Non-recyclable component – disposal through MSW facility of Nagar Council, Tarn Taran – NOC obtained
- Rain water harvesting through ground water recharge (trench with recharge wells)

The case was considered by SEAC in its 166th meeting held on 24.05.2018 wherein the SEAC observed that no one from the project proponent side attended the meeting. The SEAC was apprised that project proponent has requested through email dated 23.05.2018 for the deferment of the case due to some urgent work.

The Committee accepted the request of the project proponent and in compliance to the office memorandum dated 25.02.2010 of the MoEF, decided to defer the case.

1.7 Deliberations during 168th meeting of SEAC held on 22.06.2018

The case was placed in the agenda of the 168th meeting of SEAC held on 22.06.2018. But, no one from the project proponent has attended the said meeting. After detailed deliberations, the SEAC decided to defer the case in light of Office Memorandum dated 25.02.2010 of MoEF&CC and ask the Chief Engineer, PWD (B&R) to ensure project in-charge / Executive Engineer be present in the next meeting of SEAC as and when scheduled.

In compliance to the aforesaid decision taken by the SEAC, the Chief Engineer, PWD (B&R) has been requested vide letter no 787 dated 13/07/2018 to ensure project in-charge / Executive Engineer be present in the next meeting of SEAC as and when scheduled.

1.8 Deliberations during 169 meeting of SEAC held on 22.07.2018

The case was considered by SEAC in the 169th meeting held on 20.07.2018 and the same was attended by Sh. Inderjit Singh, Executive Engineer, PWD (B&R) Amritsar.

The Executive Engineer, PWD (B & R), Tarn Taran, Punjab stated before the SEAC that he has joined recently and needs time to study the details of the project.

He sought 15 days' time and requested to place the case in the meeting thereafter. The SEAC accepted the request of the project proponent.

After deliberation, the SEAC decided to defer the case and place the same in the 171st meeting of SEAC to be held in the month of August 2018.

In compliance to the aforesaid decision taken by SEAC, the project proponent has been requested vide email dated 15.09.2018 to attend the 171st meeting of SEAC to be held on 24.09.2018 to present the case in accordance with the provisions of MoEF&CC, New Delhi Notification dated 08.03.2018 so that further action in the matter can be taken.

1.9 Deliberations during 171st meeting of SEAC held on 24.09.2018

The case was placed in the agenda of the 171st meeting of SEAC held on 24.09.2018. But, neither any representative from the project proponent attended the said meeting nor any request for adjournment / deferment have been received from the project proponent.

After detailed deliberations and considering the extreme bad weather conditions prevailing in the State from 22.09.2018 to 24.09.2018, SEAC decided to defer the case and asked the project proponent to present his case before SEAC in its next meeting as and when held.

In compliance to the aforesaid decision taken by the SEAC, the Executive Engineer, Construction Division No.1, PWD (B&R) was requested vide letter no 1360 dated 09/10/2018 to upload the reply online to Additional Details Sought (ADS) on the web portal and also attend the next meeting of SEAC as & when scheduled to present their case in accordance with the provisions of MoEF&CC, New Delhi Notification dated 08.03.2018, so as to enable the SEAC to proceed further in the matter.

1.10 Deliberations during 174th meeting of SEAC held on 28.12.2018

The case was considered by the SEAC in its 174th meeting held on 28.12.2018 and the same was attended by the following on behalf of the project proponent:

- (i) Sh. Inderjit Singh, Executive Engineer, PWD (B & R), Construction Division No. 1, Court Road, Amritsar.
- (ii) Sh. Vishal Duggal, Environment consultant on behalf of project proponent.

During the meeting, the Executive Engineer made a request to SEAC that Sh. Vishal Duggal is an internal environmental consultant of the Department and he may be allowed to present the case before SEAC. SEAC allowed the internal environmental consultant to present the case in accordance with the notification dated 08.03.2018.

Sh. Vishal Duggal submitted that due to non-availability of base line data in the District Tarn Taran, they are yet to make a complete assessment of ecological damage

happened due to the construction of Judicial Court Complex and District Administrative Complex", District Tarn Taran, Punjab. He further submitted that at least one-month period is required in order to prepare a pre-feasibility report & proposing draft Terms of Reference for the environmental damages including the mitigation measures in accordance with the notification dated 08.03.2018.

Further, to a query regarding suitability of site of the project and proposing draft Terms of References, the project proponent submitted a written request letter dated 28.12.2018 to SEAC for seeking one-month time for preparing the report in compliance to the provisions of notification dated 08.03.2018.

SEAC observed that as per notification dated 08.03.2018, a specific terms of Reference can be issued to the project proponent, in case finding of the committee are affirmative with regard to the construction at project site under prevailing law is permissible. SEAC further observed that at this stage, the project proponent has neither presented the case nor proposed the draft Terms of Reference in light of the notification dated 08.03.2018.

After deliberations, SEAC decided to accept the request of the project proponent & deferred the case in light of OM dated 25.02.2010 of MoEF&CC and asked the project proponent to attend the meeting of SEAC to be held in the month of February, 2019 and present the case in line with the notification dated 08.03.2018, failing which action deemed fit in the matter shall be initiated as per MoEF&CC notification dated 08.03.2018.

The project proponent has submitted reply to the observation raised online.

1.11 Deliberations during 185th meeting of SEAC held on 29.11.2019

The case was considered in 185th meeting of SEAC held on 29.11.2019, which was attended by the following:

1. Sh. Inderjit Singh, Executive Engineer, Construction Division No.1, PWD Amritsar.
2. Sh. Arvinder Singh, DRO, Tarn Taran.
3. Sh. Sandeep Singh, FAE, M/s CPTL-EIA, Mohali.

SEAC was apprised that the project is a violation case and was applied in the window given by MoEF vide notification dated 14.03.2017. SEAC was further apprised that as per the clause 3 of the said notification in cases of violation, action will be taken against the project proponent by the respective State Pollution Control Board under the provisions of section 19 of the Environment (Protection) Act, 1986 and further, no consent to operate or occupancy certificate will be issued till the project is granted the Environmental Clearance.

SEAC queried to the project proponent as to whether project has been constructed at a site which under prevailing law is permissible or not. To this, the project proponent informed that the CLU has been obtained vide letter no. 2414 dated 29.11.2019 and as per the same the site falls in mixed land use and is permissible.

The SEAC observed that in view of the above mentioned facts, the findings in the present case regarding suitability of site to be assessed as per the provisions of sub paragraph (4) of amended EIA notification dated 08.03.2018 are affirmative and

decided to proceed further for finalization of TORs as per the provision of sub para 5 of said Notification.

SEAC further queried whether the project proponent has obtained permission under Forest (Conservation) Act, 1980, if use of any forest land including approach to the project site from road is involved, then copy of acknowledgement alongwith set of application filed for obtaining forest clearance under Forest (Conservation) Act, 1980 be submitted. Alternatively, NOC from concerned DFO to the effect that no forest land including approach to project site from road is involved be submitted. Accordingly, the project proponent submitted NOC issued by DFO, Amritsar, vide no 7039 dated 24.10.2016 to the effect that the project area has already been acquired by the Public Works Department for widening of NH-15 road and not tree is affected by this project. Along with said NOC, the project proponent submitted a copy of the NOC issued by Executive Engineer, Central Works Department (Circle-1), Amritsar, vide letter no 1178 dated 18.05.2016 to the effect that main gates of the complex fall on NH-15/54 and said department has no objection for the same. Copies of both the letters were taken on record by the SEAC.

SEAC allowed the project proponent to present the salient features of the project and the Environmental Consultant of the project proponent presented the same.

SEAC queried to the project proponent as to whether provision for the solar panels have been made or not. The project proponent submitted that proposal of the roof top solar panels has been made but the approval for the same has yet to be obtained from the competent authority.

After detailed deliberations, SEAC decided to recommend to SEIAA as under:

- 1) Punjab Pollution Control Board may be requested to send the latest status report of the credible action taken against the project proponents.
- 2) To issue the following additional specific TOR in line with the notification dated 14.03.2017 as amended on 08.03.2018:

Additional specific TOR: -

The project proponent shall make an assessment of ecological damage done and economic benefit derived due to violation and prepare remediation plan and natural & community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants. The collection and analysis 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 Environment (Protection) Act, 1986, or a environmental laboratory accredited by National Accreditation Board for Testing and

Calibration Laboratories, or a laboratory of a Council of Scientific and Industrial Research institution working in the field of environment.

1.12 Deliberations during 158th meeting of SEIAA held on 23.12.2019

The case was considered by the SEIAA in its 158th meeting held on 23.12.2019, which was attended by the following: -

- i) Sh. Inderjit Singh, Executive Engineer, Construction Division No. 1, PWD (B&R), Amritsar.
- ii) Sh. Arvinderpal Singh, DRO, Tarn Taran.
- iii) Sh. Sandeep Singh, FAE, CPTL, Mohali, Environment consultant of the promoter company.

Before allowing the presentation to the Environmental Consultant of the Promoter Company, SEIAA queried that what is the latest status report of the credible action taken against the project proponents. In reply to the query, the project proponent informed that Punjab Pollution Control Board had already filed a complaint u/s 15, 17 of the Environmental Protection Act, 1986 before the Hon'ble Chief Judicial Magistrate, Tarn Taran due to the violation of the provisions of EIA Notification dated 14.09.2006. but sought time to submit the latest status of the case.

SEIAA observed that SEAC has already recommended to SEIAA that Punjab Pollution Control Board may be requested to send the latest status report of the credible action taken against the project proponents.

After detailed deliberations, SEIAA decided to defer the case and ask the Punjab Pollution Control Board to send the latest status report of the credible action taken against the project proponents so as further action in the matter can be taken.

Accordingly, Punjab Pollution Control Board has been requested vide letter no 1454-55 dated 03.02.2020 to send the latest status report of the credible action taken against the project proponents so as to further action in the matter can be taken.

1.13 Deliberations during 162nd meeting of SEIAA held on 19.03.2020

The case was considered by the SEIAA in its 162nd meeting held on 19.03.2020 and it was appraised that the Regional office, PPCB, Amritsar vide letter no 1555 dated 14.02.2020 intimated that application filed against the Judicial Court Complex and District Administrative Complex, Tarn Taran has been withdrawn by the PPCB. It was noted that Er. Rajesh Kumar, complainant stated in the court on 22.11.2017 that he does not wish to continue the present complaint, in view of the direction of the Complainant Board. After considering his statement, Hon'ble Court dismissed the complaint as withdrawn under section 257 Criminal Procedure Code. The accused and their bail bonds were discharged.

After detailed deliberations, SEIAA decided that Member Secretary, PPCB be asked under what circumstances complaint u/s 15,17 of the Environment (Protection) Act,1986 filed by PPCB in the court of CJM, Tarn Taran against the responsible persons of Judicial Court Complex & District Administrative Complex, Tarn Taran was withdrawn; in spite of the fact that environmental clearance has not been granted to the project.

Further, in compliance to the decision taken in the item No 165.04 of the 165th meeting held on 19.06.2020, a reminder was sent to the Member Secretary vide letter no. 1868 dated 29.07.2020 for sending the report in the matter.

Another reminder was also sent to the Chairman, PPCB vide letter no 2094 dated 08.09.2020, and email dated 10.09.2020 for sending the report in the matter.

Er. Shiv Kumar, concerned Environmental Engineer was contacted telephonically on 06.09.2020 and 10.09.2020 and requested to send the report in the matter and he informed that report is being sent shortly. The matter is being followed up on a daily basis.

1.14 Deliberations during 170th meeting of SEIAA held on 16.09.2020

The matter was considered by SEIAA in its 170th meeting held on 16.09.2020 and it was apprised that Environmental Engineer, Zonal Office, PPCB, Amritsar vide email dated 15.09.2020 informed that reply in the matter is under preparation and same shall be submitted soon.

SEIAA observed as under:

- i) Executive Engineer, Construction Division no. 1, PWD (B & R), had applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for the development of project namely "Judicial Court Complex and District Administrative Complex, Punjab.
- ii) Case stands recommend by SEAC as under:
 - a) Punjab Pollution Control Board may be requested to send the latest status report of the credible action taken against the project proponents.
 - b) To issue the following additional specific TOR in line with the notification dated 14.03.2017 as amended on 08.03.2018:

Additional specific TOR: -

The project proponent shall make an assessment of ecological damage done and economic benefit derived due to violation and prepare remediation plan and natural &

community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants. The collection and analysis 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 Environment (Protection) Act, 1986, or a environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of a Council of Scientific and Industrial Research institution working in the field of environment.

After detailed deliberations, SEIAA decided as under :

- i) Additional specific TOR be issued to the project as proposed by SEAC as the case is being unnecessarily delayed due to the non-reply/action by PPCB
- ii) A fresh reminder be issued to the Chairman, PPCB for getting the report expedited in the matter as sought vide SEIAA letter no 2094 dated 08.09.2020.
- iii) Old application having Proposal No SIA/PB/NC/52903/2016 be delisted as the fresh proposal No SIA /PB/NCP/25479/2018 has been submitted by the applicant.

Item No 170.18 Clarification regarding the applicability of EIA Notification, 14.09.2006 for the project of compressed Gas Filling Station w.r.t amendment issued to the Vividha Infrastructure Pvt. Ltd.

The facts of the case are as under:-

Earlier, M/s Vividha Infrastructure Pvt. Ltd has been issued amendment vide letter no SEIAA/2019/628 dated 13.08.2019 (**Annexure-G**) in Environmental Clearance under EIA Notification Dated 14.09.2006 for the establishment of Integrated Industrial Estate namely "Super Mega Industrial Estate" located in the revenue estate of Village Chamaru & Mehtabgarh, Tehsil Rajpura, District Patiala with following conditions:

Condition No 2

No industry covered under Category "A"/ "B" falling in the Schedule appended to the EIA notification, 2006 (as amended from time to time) except category 8 (a) and 8(b), shall be allowed to establish. Whereas other industries (not covered in the EIA notification, 2006), although categorized as Red, Orange, Green, and White as per the PPCB classification are allowed to be established.

Condition No 3 (vii)

No severely Air Polluting industry like cement grinding units, Induction (more than 500 kgs/ heat)/ Electric ARC steel furnaces/ Cupola furnaces/ Reheating Rolling Mills, Brick

Kilns, Salla Plants, Dying, Packaged Drinking water/ soft drink/ beverages units, tannery, distillery, pharmaceutical, etc. shall be allowed to be set up in the project. Only lesser Air Polluting having electric heating or cleaner fuels like LPG, CNG, boiler (not more than 2 ton/hr steam generation capacity), and other furnaces having only liquid fuel or solid fuel (Lesser than 150 Kg/hr consumption) shall be allowed to be set up.

Condition No 4

Green belt in the industrial pocket reserved for polluting industries shall be developed in an area of 33% of the area earmarked for such activities. For the rest of the area, the guidelines for green belt as approved by the competent authority approving layout plan shall be applicable

Arun Sharma, Sector Officer - Pharma & Real Estate, Punjab Bureau of Investment Promotion vide email dated 04.09.2020 (**Annexure-H** has forwarded detailed project note regarding Technical Specification and Plant Specification (**Annexure -I**) with a request to send the reply to the following query of investor "Air Liquide India" considering the aforesaid conditions.

- i) As to whether the project attracts the provision of EIA notification, 14.09.2006
- ii) As per the attached EIA amendment notification issued to Vividha, Investor must be ensured that the Compressed Gas filling station with Cryogenic Liquid Storages shall not form part of 3 (VII) as it makes some kind of limitations for such industrial setups for severely and less polluting industries. Clarify regarding the applicability of condition no 3 (vii) to the investor
- iii) As to whether condition no 4 mentioned in the vide letter no SEIAA/2019/628 dated 13.08.2019 applies to the investor.

Deliberations during 170th meeting of SEIAA held on 16.09.2020

The matter was considered by the SEIAA in its 170th meeting held on 16.09.2020 and it was observed that the investor has not provided the project area and built-up area of the industry to decide the applicability of EIA Notification, 14.09.2006.

After deliberations, SEIAA decided to ask the investor to provide the aforesaid information so as to decide the applicability of EIA Notification, 14.09.2006

Item No.:170.19 Clarification regarding requirement of Environmental Clearance for the project namely Pattaya Beach Eco Huts at village Chamror Patan H.B.No. 402, Khasra No. 611, 613, Tehsil Dhar Kalan Forest Division, District Pathankot.

The facts of the case are as under: -

A request has been received from Sh. Ranbir Singh S/o Sh. Swadesh Singh, R/o village Kandwal, ward no. 4, Tehsil Nurpur, Distt. Kangra, on the subject, cited above.

As per the request of the project proponent, construction of eco huts as part of the tourism industry in the name of Pattaya Beach Eco Huts at village Chamror Patan H.B.No. 402, Khasra No. 611, 613, delisted area of section 4 of PLPA 1900, Tehsil Dhar Kalan Forest Division, District Pathankot has been proposed. The applicant has proposed to develop the project with the area 4 Kanal 7 Marla (2200.48 sqm) and the total built-up area with parking 978.15 sqm.

The applicant has submitted that MoEF &CC, GoI vide letter no. 9-PBB303/2020 CHA dated 03.02.2020 has sought the Environmental Clearance of the project. The project proponent has submitted a copy of the above said MoEF letter, copy of the Jamabandi, a copy of the layout plan approved by the Executive Engineer, Punjab Mandi Board, Pathankot, and a copy of the project report.

The approved layout plan submitted by the project proponent has been examined and it has been observed that the total covered area of the project with parking is 978.15 sqm. Thus, the project is not covered under any category of the projects as enumerated in the Schedule appended to the EIA Notification 14.09.2006.

Deliberations during 170th meeting of SEIAA held on 16.09.2020

The matter was considered by the SEIAA in its 170th meeting held on 16.09.2020 and it was observed that the applicant has proposed to develop the project with the area 4 Kanal 7 Marla (2200.48 sqm) and the total built-up area with parking 978.15 sqm, which is far less than the threshold limit defined for obtaining Environmental Clearance in the EIA Notification, 14.09.2006.

Thus, the proposed project namely Pattaya Beach Eco Huts at village Chamror Patan H.B.No. 402, Khasra No. 611, 613, Tehsil Dhar Kalan Forest Division, District Pathankot does not attract the provisions of EIA notification, 2006 as amended from time to time. However, the project proponent is required to obtain NOC from the Forest Department before initiating any construction activity related to the project.

After detailed deliberations, SEIAA decided that the project proponent be informed accordingly.

Meeting ended with a vote of thanks to the Chair

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Annexure-I

Standard Terms of Reference (TOR) for Mining Project

- 1) Submit dully filled checklist with the application of environmental clearance.
- 2) Deposit the requisite fee as per Notification No. 10/167/2013-STE(5)/1510178 dated 27.06.2019 issued by the Govt. of Punjab, Department of Science, Technology, and Environment
- 3) Project Proponent is required to conduct public hearing in light of the OM dated 12.12.2018 issued by MoEF. The draft EIA-EMP report shall be submitted to the Punjab Pollution Control Board of the concerned State for the conduct of Public Hearing. The PPCB shall conduct the Public Hearing/public consultation, district-wise, as per the provisions of EIA notification,2006. The Public Hearing shall be chaired by an Officer, not below the rank of Additional District Magistrate.
- 4) Submission of Final District survey report, containing apart from other details as mentioned in the guidelines of 2016, specifically including the following points:
 - a) Recommendation regarding Environmentally safe depth of mining, safe distance from banks and suitability of site for mining or prohibition thereof, duly signed by the members of the Sub Divisional Committee comprising of Sub-Divisional Magistrate, Officers from Irrigation Department, State Pollution Control Board or Committee, Forest department, Geology or mining officer.
 - b) Replenishment study for the river bed cases.
- 5) Proper justification of use of semi-mechanized/mechanized method, if any, over the manual method of mining considering the location, thickness of sand deposition, agriculture land/river bed, with detailed calculations and benefits to be achieved for the Environment. Because as per Standard EC conditions provided in the Guidelines, 2016, manual method of mining shall be preferred over any other method.
- 6) The Project proponent shall provide the exact coordinates of all the corners of the site and the shortest distance of mining site from the followings: -
 - a. Protected area notified under the Wildlife (Protection) Act, 1972.

- b. Critically Polluted areas as identified by the Central Pollution Control Board from time to time,
 - c. Eco-sensitive areas as notified under section 3 of the Environment (Protection) Act, 1986,
 - d. Inter-State boundaries and international boundaries.
- 5) *Submit a copy of visit report of Sub Divisional committee comprising of Sub-Divisional Magistrate, Officers from Irrigation Department, State Pollution Control Board or Committee, Forest department, Geology or mining officer indicating the recommendation regarding the Environmentally safe depth of mining, a safe distance from banks and suitability of the site for mining or prohibition thereof as per the Sustainable Sand Mining Management Guidelines, (SSMMG)-2016 issued by MOEF&CC.*
 - 6) *Demarcation of the mining site in the presence of the Revenue officer, Mining officer, Lambardar, project proponent/ contractor, owner of the land and owners of the adjoining land and submission of the demarcation report duly signed by them.*
 - 9) *Submit complete transportation plan giving detailed procedure (details of route plan to be followed by trucks transporting minor minerals with traffic volume data etc.)*
 - 10) Submit a copy of ownership of land such as copy of latest jamabandi and consent of all the owner of land.
 - 11) A copy of Mining Plan dully approved by the State Geologist
 - 12) Submit the contour plan showing river bed level, water level and present surface levels at various cross sections etc.
 - 13) Red line to be marked on the x-sections in case riverbed mining.
 - 14) Submit 1.0 Km radius map of the area from periphery of project site clearly indicating the physical features.
 - 15) Submit an undertaking to the effect that there is no other mine within 500 m. radius from the periphery of this site.
 - 16) Submit photographs of the mining site taken from all the four sides mentioning the coordinates of the project.
 - 17) Mining lay out plan showing key distances of the mining site from the various features such as river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.

- 18) Submit Corporate Environment Responsibility (CER) Plan as per the OM dated 01.05.2018
- 19) The project proponent is required to get the hydrogeological survey of the existing water level done and to submit the impact on the water level regime due to the project. This report is required to be submitted at the time of submission of the EIA report.
- 20) The project proponent is required to submit a report regarding the preservation of topsoil excavated during the mining process at the time of submission of the EIA report.
- 21) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 22) Submit a copy of the document in support of the fact that the Proponent is the rightful lessee of the mine such as letter of Intent (LOI) from the State government /Allotment letter of mining site etc.
- 23) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 24) All corner coordinates of the mine lease area, superimposed on a High-Resolution Imagery/toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 25) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 26) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 27) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/violation of

the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The 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, may also be detailed in the proposed safeguard measures in each case should also be provided.

- 28) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining should be detailed. The proposed safeguard measures in each case should also be provided.
- 29) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 30) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 31) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 32) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 33) Status of forestry clearance for the broken-up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 34) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.

- 35) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 36) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 37) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 38) A detailed biological study of 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, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan alongwith budgetary provisions 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.
- 39) Proximity to Areas declared as 'Critically Polluted' or the Project areas attracting court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Dept. Should be secured and furnished to the effect that the proposed mining activities could be considered.
- 40) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 41) One season (non-monsoon) [i.e. March - May (Summer Season); October - December (post monsoon season); December - February (winter season)] primary

baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.

- 42) Air quality modeling 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 may also be indicated on the map.
- 43) The water requirement for the Project, its availability, source and zone should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 44) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 45) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 46) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 47) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 48) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be.

- 49) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and BGL. A schematic diagram may also be provided for the same.
- 50) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 51) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 52) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 53) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 54) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 55) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 56) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 57) Detailed environmental management plan (EMP) to mitigate the environmental

- impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 58) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
 - 59) Submit an undertaking to the effect that no litigation/court case is pending before any court of law against the project and/or on land in which mining is to be carried out else submit the details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
 - 60) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
 - 61) A Disaster Management Plan shall be prepared and included in the EIA/EMP Report.
 - 62) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
 - 63) Besides the above, the below mentioned general points are also to be followed:
 - a. The EIA document shall be printed on both sides, as for as possible.
 - b. All documents to be properly referenced with index and continuous page numbering.
 - c. The copy of the letter received from the Ministry / SEIAA shall be also attached as an annexure to the final EIA-EMP Report.
 - d. Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
 - e. Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
 - f. Where the documents provided are in a language other than English, an English translation should be provided.
 - g. The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
 - h. While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF vide O.M. No. J- 11013/41/2006-

IA.II (I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.

- i. Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
 - j. As per the circular no. J-11011/618/2010-IA. II (I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
 - k. The EIA report should also include
 - (i) surface plan of the area indicating contours of main topographic features, drainage and mining area,
 - (ii) geological maps and sections and
 - (iii) Sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.
 - l. Submit a copy of presentation in PPT format along with application.
- 64) The 'Terms of Reference' (TORs) prescribed will be valid for a period of three years from its issuance. The final EIA report shall be submitted to the SEIAA, Punjab for obtaining environmental clearance.
