



# Himachal Pradesh State Expert Appraisal Committee

## SEIAA, Himachal Pradesh

Ministry of Environment Forest & Climate Change, Government of India,

at Department of Environment Science & Technology,

Paryavaran Bhawan, Near US Club, Shimla-1

Ph: 0177-2656559, 2659608, Fax: 2659609

No. HPSEAC/2008, 16-Vol-IV

Dated:

26/5/2016

**MINUTES OF THE 45<sup>th</sup> MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE  
HELD IN CONFERENCE HALL, DEPARTMENT OF ENVIRONMENT, SCIENCE &  
TECHNOLOGY, SHIMLA, ON 23<sup>rd</sup>, 24<sup>th</sup> & 25<sup>th</sup> May, 2016**

The following were present in the Meeting, Day-III (25/05/2016):

Sr.N.	Name	Designation	Day-3: 25/05/2016
1.	Sh. Shailendra Nigam, IAS(Retd.)	Chairman	✓
2.	Sh. Raj Kumar Sood, IFS (Retd.)	Member	✓
3.	Sh. Arun Kumar Sharma	Member	✓
4.	Dr. Ravinder Kumar Sood	Member	✓
5.	Sh. S.P. Negi	Member	✓
6.	Prof. (Dr.) Dalip Singh Thakur	Member	✓
7.	Dr. Bhupinder S. Marh	Member	✓
8.	Sh. A.N. Gautam	Member	✓
9.	Dr. R.C. Chauhan	Member	✓
10.	Dr. Satish Kumar Bhardwaj	Member	X
11.	Er. Praveen Gupta	Secretary	✓

At the outset, the Secretary (SEAC) extended his warm welcome to the Chairman and Members of the SEAC, Himachal Pradesh. The deliberations were started with permission of Chair and following agenda items were discussed:

**ITEM NO.1: APPRAISAL OF CASE APPLICATIONS LISTED FOR ENVIRONMENTAL CLEARANCE:**

- 1.1 **Sh. Vishal Deep Singh, M/s Jai Hari Stone Crusher, Village & Post Office-Indora, Tehsil-Indora, District-Kangra, Himachal Pradesh, Mob: 88940 71111.**

**Brief outline of the project:**

- a) **Project type** Mining of Minerals  
(Extraction of Stone)
- b) **Project Location** Khasra number 2886/2, 2905, 2906, 2907, 2884/1, 2885, 2887/1 falling in Mohal/ Mauza-Indora, Tehsil-Indora, District-Kangra, Himachal Pradesh.
- c) **Capacity** 55,153 metric tons (Stone & Bajri), Run of mine: 78,790 metric tons.
- d) **Mining Area** 04-66-47 ha (Pvt. land)
- e) **EMP Cost** Capital Cost: Rs. 0.20 lakhs; Recurring cost: Rs. 1.0 lakhs.
- f) **CSR Cost** Capital Cost: Rs. 0.80 lakhs; Recurring cost: Rs. 0.24 lakhs

The proposed project is manual/mechanical extraction of sand, stone & bajri from river terrace. The area being part of hill slope where no habitation is required to be disturbed from the mining lease area, therefore, no Rehabilitation and Resettlement plan is envisaged. The project proponent represented the case before SEAC.

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The case was represented before SEAC. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC has decided to relist the case in next meeting with the following observations:

- The project proponent shall submit revised L-section Cross sections depicting the river bed and actual height of the terrace land.
- The project proponent shall submit the revise EMP & CSR cost with time frame.
- The project proponent shall submit the photographs of the site from all directions.
- The project proponent shall submit the muck management plan.
- The details w.r.t. change in land use from department of Revenue may be given.

**1.2 Sh. Pratap Singh, M/s Pratap Stone Crusher, S/o Sh. Nihal Singh, Village-rape, Post Office-Jobrang, Tehsil-Lahaul, District-Lahaul & Spiti, Himachal Pradesh. Pin: 175 131.**

**Brief outline of the project:**

- |                            |  |
|----------------------------|--|
| a) <b>Project type</b>     | Mining of Minerals<br>(Extraction of Stone)  |
| b) <b>Project Location</b> | Tukra number 1, क, ख, ग totaling 54-16 Bighas, falling in Mauza-Khoksar, Tehsil-Lahaul, District-Lahaul & Spiti, Himachal Pradesh. |
| c) <b>Capacity</b>         | 72, 805 TPA from hill slope (Forest Land)  |
| d) <b>Mining Area</b>      | 54-16 Bighas, 04-77-48 ha. (Govt. land, hill slope).   |
| e) <b>EMP Cost</b>         | Capital Cost: Rs. 4.35 lakhs; Recurring cost: Rs. 2.0 lakhs.   |
| f) <b>CSR Cost</b>         | Rs. 1.30 lakhs.  |

The proposed project is a hill slope mining project for the mining of stone. The mining lease is proposed between 3306 MRL to 3410 MRL. Within the lease area, open cast method of mining by bench formation 6\*6 meters from top to bottom shall be followed.

The case was represented before SEAC. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC has decided to relist the case in next meeting with the following observations.

- The project proponent shall submit forest clearance from competent authority.

**1.3 Sh. Akash Katoch, S/o Sh. Late Shree Gagan Singh Katoch, Partner of Mine, V.P.O. Indpur, Tehsil-Indora, District-Kangra, Himachal Pradesh. Pin: 176 403. Mob: 094175 45177.**

**Brief outline of the project:**

- |                            |   |
|----------------------------|---|
| a) <b>Project type</b>     | Mining of Minerals<br>(Extraction/collection of Sand, Stone & Bajri).   |
| b) <b>Project Location</b> | Khasra number 648, 649, 650/2, 955/651/2 falling in Mohal/Mauza-Khanpur, Tehsil-Indora, District-Kangra, H.P. |
| c) <b>Capacity</b>         | 1,30,000 TPA.   |
| d) <b>Mining Area</b>      | 6-85-77 ha, (Pvt. land)   |
| e) <b>EMP Cost</b>         | Capital Cost: Rs. 1.95 lakhs; Recurring cost: Rs. 1.22 lakhs.   |
| f) <b>CSR Cost</b>         | Capital Cost: Rs. 0.75 lakhs; Recurring cost: Rs. 0.25 lakhs.   |

The proposed project is open cast method of mining that does not involve any processes such as overburden removal, drilling, blasting and beneficiation. The mining process involves collection of material by simple hand tools such as shovels, pans and sieves.

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The case was represented before SEAC. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC has decided to relist the case in next meeting with the following observations:

- The project proponent shall submit the revenue record as per Joint Inspection Report.
- The project proponent shall submit the valid LOI before listing of case in the SEIAA meeting.
- The project proponent shall submit the exact water consumption detail for mining activities.
- The project proponent shall submit the revised EMP & CSR cost with time frame.

**1.4 Sh. Surjeet Kumar Negi, S/o Sh. Sena Pur Negi, Village & Post Office-Moorang, Tehsil-Moorang, District-Kinnaur, Himachal Pradesh.**

**Brief outline of the project:**

- |                            |  |
|----------------------------|--|
| <b>a) Project type</b>     | Mining of Minerals<br>(Extraction/collection of Sand, Bajri, Stone and Boulders)                               |
| <b>b) Project Location</b> | Khasra number 1/1 falling in Mohal-Gramang,<br>Mauza-Moorang, Gram Panchyat-Moorang,<br>District-Kinnour, H.P. |
| <b>c) Capacity</b>         | 30,150 tons per annum  |
| <b>d) Mining Area</b>      | 02-00-00 ha., Govt. diverted land.   |
| <b>e) EMP Cost</b>         | Capital Cost: 3.50 lakhs; Recurring cost:0.90 lakhs  |
| <b>f) CSR Cost</b>         | Capital cost Rs. 1.20 lakhs Recurring cost Rs. 1.00 lakhs for five years                                       |

The proposed project is extraction of sand, stone, bajri & boulders. The mining lease area is located in the course of Satluj river on the right side of the river where huge deposit of sand is accumulated every year when the river is in high flood during summer and also during monsoon season.

The project proponent represented the case before SEAC. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.

**1.5 Sh. Rajender Singh, S/o Late Sh. Kashmir Singh, V.P.O. Kuthera Jaswalan, Tehsil-Amb, District- Una, Himachal Pradesh. (2-43-18 ha)**

**Brief outline of the project:**

- |                            |  |
|----------------------------|--|
| <b>a) Project type</b>     | Mining of Minerals<br>(Extraction/collection of Sand, Stone & Bajri)   |
| <b>b) Project Location</b> | Khasra number 4346/3987/2, 4347/3987/2, 4348/3987/2 falling in M<br>& Mohal-Kuthera Jaswalan Nichla,<br>Tehsil-Amb, District-Una, H.P. |
| <b>c) Capacity</b>         | 50,625 tons per annum  |
| <b>d) Mining Area</b>      | 02-43-18 ha, Pvt. Land, river bed.   |
| <b>e) EMP Cost</b>         | Capital Cost: Rs. 4.00 lakhs; Recurring cost:Rs. 0.10 lakhs  |
| <b>f) CSR Cost</b>         | Capital Cost Rs. 2.50 lakhs. Recurring cost: Rs. 0.10 lakhs  |

The proposed project is extraction of sand, stone and bajri. The mining lease area lies in the bed of Swan river a tributary of Satluj river.

The project proponent represented the case before SEAC. After deliberating on the information submitted by the project proponent and considering the facts placed before the

committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.

1.6 **Sh. Gurcharn Singh, M/s Shiv Bhole Stone Crusher, Village-Haripur Sandholi, Tehsil-Nalagarh, District-Solan, Himachal Pradesh, Pin: 174101.**

**Brief outline of the project:**

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|----------------------------|--|
| a) <b>Project type</b>     | Mining of Minerals<br>(Extraction/collection of Sand, Bajri & Stone)                 |
| b) <b>Project Location</b> | Khasra number 2558/2024/2 falling in Mauza Kishanpura, Tehsil-B District-Solan, H.P. |
| c) <b>Capacity</b>         | 1,13,400 TPA   |
| d) <b>Mining Area</b>      | 23.314 ha, 317.08 Bighas, river bed mining project.                                  |
| e) <b>EMP Cost</b>         | Capital cost: Rs. 8.50 lakhs recurring cost Rs. 5.00 lacs.                           |
| f) <b>CSR Cost</b>         | Capital cost: Rs. 5.00 lakhs recurring cost Rs. 1.00 lacs.                           |

The case has been transferred from MoEF&CC, Govt. of India to HPSEIAA vide latter number J-11015/316/2015-IA.II (M) dated 12.05.2016.

**On request of project proponent the Chairman SEAC allowed to present the case on 24-05-2016 instead of 25-05-2016.**

The project proponent represented the case before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I and subject to the condition that the project proponent shall submit the revised copy of LoI of 23.314 hectare prior to listing of case in the SEIAA meeting. In view of the fact GOI has mentioned the area as 25.6 hectare since the revenue authorities have given the certificate of wrt conversion of bighas into hectare calculates to be 23.314 hectare as produced by the project proponent.**

1.7 **Sh. Jai Ram, S/o Jaram Chand, Village-Hinsa, Post Office-Trilok Nath, SubTehsil-Udaipur, District-Lahaul Spiti, Himachal Pradesh. Mob: 94182 05061.**

**Brief outline of the project:**

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|----------------------------|---|
| a) <b>Project type</b>     | Mining of Minerals<br>(Extraction of Stone)   |
| b) <b>Project Location</b> | Khasra number 6/5/2 falling in Mauza & Mohal Dhar Bhim Baag, Tehsil-Udaipur, District-Lahaul & Spiti, Himachal Pradesh. |
| c) <b>Capacity</b>         | 7,500 metric stone per year, ROM: 7,955 metric tons.  |
| d) <b>Mining Area</b>      | 6-5-0 Bighas, 0.0.5058, Pvt. land.  |
| e) <b>EMP Cost</b>         | Capital Cost: Rs. 0.65 lakhs; Recurring cost: Rs. 0.70 lakhs per year for five years.                                   |
| f) <b>CSR Cost</b>         | Capital Cost: Rs. 0.80 lakhs; Recurring cost: Rs. 12000 per year for five years.  |

The proposed project is manual extraction of stone. The mining lease area is part of hill slope and has no habitation required to be disturbed from the mining lease area, therefore, no Rehabilitation and Resettlement Plan is envisaged.

The project proponent represented the case before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the**

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committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I and with special condition that;

- The proponent shall also include the species *seabuck thorn*, *rubinia* and *willow* for plantation for creating green cover under EMP and shall also provide check dams with separate cost provisions of Rs. 1.50 lacs along the mining site.

1.8 **Sh. Haria, S/o Sh. Girdu, Village-Patha, P.O. Khakhryana, Tehsil- Sadar, District-Mandi, himachal Pradesh, Pin-175001. Mob: 94180 80028.**

**Brief outline of the project:**

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|----------------------------|---|
| a) <b>Project type</b>     | Mining of Minerals<br>(Extraction of Stone).  |
| b) <b>Project Location</b> | Khasra number 595 falling in Mauza & Mohal Patha/136 of Tehsil-Sadar, District-Mandi, Himachal Pradesh. |
| c) <b>Capacity</b>         | 2,540 TPA.  |
| d) <b>Mining Area</b>      | 0.3 ha, (4-5-17 Bighas), Pvt. land.   |
| e) <b>EMP Cost</b>         | Capital Cost: Rs. 0.5 lakhs; Recurring cost: Rs. 0.02 lakhs.  |

The proposed project is open cast semi-mechanized mining. The mining area is situated on a hill slope. The land, in which the mining lease lies, is at present an un-cultivable land. No drilling and blasting is proposed.

The project proponent represented the case before SEAC. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.

1.9 **Sh. Sanjeev Garg, Secretary, Maharishi Markandeshwar Medical Hospital, Village-Laddo (Kumarhatti-Sultanpur Road), Tehsil & District-Solan, Himachal Pradesh, Pin-173 229.**

**Brief outline of the project:**

- |                            |  |
|----------------------------|--|
| a) <b>Project type</b>     | Building and Construction Project<br>(Construction of Maharishi Markandeshwar Medical Hospital -650 bed)         |
| b) <b>Project Location</b> | Khasra number 2, 3, 28 & 29 falling in village-Laddo & Khalogra, Tehsil-Solan, District-Solan, Himachal Pradesh. |
| c) <b>Total Plot area</b>  | 15689.90 m <sup>2</sup> (20 Bigha 17 biswa).   |
| d) <b>Built up area</b>    | 45,092 m <sup>2</sup> .  |
| e) <b>Cost of project</b>  | 66.54 Crores.  |
| f) <b>EMP Cost</b>         | Capital Cost: Rs. 125 lakhs; Recurring cost: Rs. 12.5 lakhs  |

The project comes under the schedule 8(a) i.e. building and construction of EIA Notification, 2006. The project site is located on Chandigarh-Shimla National Highway at Sultanpur Road, Solan. As proposed total water requirement will be 242 KLD and there are 6 bore well within the campus. There will be STP having capacity of 240 KLD and ETP having 60 KLD capacity. The estimated population will be 2425 persons.

The project proponent has applied for grant of Environment clearance on dated 17.12.2015. The project proponent has submitted form-1, form-1A, conceptual plan, goggle map, environment sensitivity map, 10 Km radius map, water balance diagram, solid waste management scheme, ambient air quality, proposed species for green belt development, NOC from TCP, Solan dated 30.03.2011, letter from revenue department dated 27.12.2008, MOM of internal meeting of MMU trust, master plan with layout, land documents, grant of additional land by HPSEBL,

resolution along with court case detail, permit for extraction of ground water sources, handling of biomedical waste, letter from HPSPCB, letter from DFO for permission of felling and cutting trees, CA certificate, STP & ETP feasibility report, green area plan, rain water harvesting plan, dual plumbing plan, traffic circulation plan, parking plan and details of test reports etc.

**The case was listed in 43<sup>rd</sup> SEAC meeting with following observations:**

- *A team of SEAC Members viz. Sh. S.P. Negi, Dr. Bhupinder S. Marh, Dr. S.K. Bhardwaj & Sh. A.N. Gautam shall visit project site on 11/3/2016 and submit its report for further necessary action.*
- *The project proponent shall submit details about water demand, water balance, NOC from competent authority etc.*
- *The project proponent shall submit need based revised CSR cost with details.*
- *The project proponent shall submit revised EMP cost with details.*
- *The project proponent shall submit DMP & rehabilitation plan.*

The project proponent has submitted the compliance to the observations of the SEAC such as water demand water balance, NOC of competent authority, revised cost of CSR, revised EMP Cost, DMP and rehabilitation plan, rain water harvesting plans. The SEAC was also apprised about the visit of SEAC members to project site on 11-03-2016 by Member Sh. A.N. Gautam. He informed the committee that the following observations were made by the committee during the site visit:

- The committee inspected the proposed green area development areas and advised project proponents to prepare the green belt development plan by using maximum/ optimum space besides removing the temporary labour sheds from free area.
- The committee inspected the proposed rain water harvesting structures, lay outs and advised the project proponents to complete the RWH tanks and make it operational.
- The committee inspected the proposed drainage lay outs, connectivity, effluent treatment facility and advised the project proponents to revise the lay out plans to reduce the velocity drain water by making changes in drainage plans besides including the provisions for storm water drainage.
- The committee also enquired about the source of water, consumption of water and requested the proponent to minimize the use of portable water for flushing, grading etc.
- The committee inspected the proposed parking space/ lots and advised the project proponents to make provisions of greening of the areas and mark the parking areas all along the roads inside the campus.

The project proponents submitted the compliance report to the observations of SEAC and accordingly the case was listed before the SEAC. The project proponents were requested to make the presentation before the SEAC.

During the presentation the proponents could not reply to the queries raised by the SEAC members w.r.t. the observations made during the inspection and could not link/ demonstrate/ explain the layout plans before the SEAC. The project proponent submitted that they may be given time to rearrange the fact and figures and may list their case afterward for appraisal.

**After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC has decided to relist the case in next meeting with the following observations:**

- Submit rain water harvesting lay out designs/ plans with discharge details, number of pits may be correlated again.
- Submit details with lay out maps w.r.t. Parking lots, no. of vehicle, with proposed green belt development.
- Prepare Maps depicting clearly the Road network right of way, land scape, parking.

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- Prepare DMP based on risk and hazard analysis and may submit an abstract of hazard specific preparedness plan/ response plan.
- To submit revised Green belt Development Plan as suggested by the committee depicting the removal of temporary sheds.
- Submit the Effluent and storm water discharge plan.

**1.10 Smt. Kalpana Legal Heir, W/o Late Yashjeet Thakur (Proprietor), M/s Paarshvjeet Stone Crusher, Village & Post Office-Bamta, Tehsil-Chopal, District-Shimla, Himachal Pradesh.**

**Brief outline of the project:**

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|----------------------------|--|
| a) <b>Project type</b>     | Mining of minerals<br>(Extraction/collection of Stone)   |
| b) <b>Project Location</b> | Khasra number 15, 16, 17 & 18 situated in Mohal & Mauza-Nar of Tehsil-Chopal, District-Shimla, Himachal Pradesh. |
| c) <b>Capacity</b>         | 46,455 MT for the lease period of 5 year.  |
| d) <b>Mining Area</b>      | 0-56-87 ha (Private land)  |
| e) <b>EMP Cost</b>         | Capital Cost: Rs. 3.40 lakhs; Recurring cost: Rs. 0.60 lakhs   |
| f) <b>CSR cost</b>         | Capital Cost: Rs. 1.00 lakhs; Recurring cost: Rs. 0.10 lakhs   |

The proposed project is extraction of stone from a hill slope situated near village Babar. As proposed the mining of stone will be by manual/semi-mechanical means. As proposed the bench formation will be of 6\*6 meters.

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

**The case was again listed in 44<sup>th</sup> meeting of SEAC, where the SEAC decided to relist the case in next meeting with the following observations:**

- The project proponent shall resubmit the readable maps (location, site plan etc.).
- The project proponent shall resubmit the prefeasibility report with corrections mentioned during the meeting.
- The project proponent shall resubmit revised EMP with revised CSR activity as per the direction of the Committee.

**After compliance of the above observations the case was represented before SEAC. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC has decided to relist the case in next meeting with the following observations:**

- The project proponent shall again resubmit the readable maps (location, site plan etc.).
- The project proponent shall again resubmit the prefeasibility report with corrections mentioned during the meeting.

**1.11 Sh. Bikram Chand, S/o Sh. Bheem Chand, M/s Thakur Stone Crusher, Village-Meh, Post Office-Gamur, Tehsil-Lahaul, District-Lahaul & Spiti, Himachal Pradesh, 175132. Mob: 94183 18269, 94180 33269.**

**Brief outline of the project:**

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|------------------------|--------------------|
| a) <b>Project type</b> | Mining of minerals |
|------------------------|--------------------|

	(Extraction of Stone)
b) <b>Project Location</b>	Khasra number 20 falling in Mauza and Mohal Meh, Tehsil-Lahaul, District-Lahaul & Spiti, Himachal Pradesh.
c) <b>Capacity</b>	10,000 MT in 5 <sup>th</sup> year.
d) <b>Mining Area</b>	34-06 Bighas (Private land, hill slope)
e) <b>EMP Cost</b>	Capital Cost: Rs. 1.90 lakhs; Recurring cost: Rs. 3.30 lakhs
f) <b>CSR cost</b>	Cost: Rs. 0.80 lakhs

The project proposal is for extraction of stone. The project involves the manual mining. The total material handling in a year would be about 40,100 metric tons for five years. The waste generated during the production of commercially usable construction aggregate would be about 3160 metric tons for 5 year. The mining lease area forms part of hill slope which is private land. The area being part of hill slope so after completion of extraction at 2997 M.R.L. to 2989 M.R.L. benches and subsequent bench formation, 3160 metric tonnes of top soil stacked at the defined location will be taken out and will be spread over the exhausted benches of 2997, 2993 & 2989 M.R.L.

The project proponent submitted the documents as per check list and the application was listed before the SEAC.

**The case was again listed in 42<sup>nd</sup> meeting of SEAC, where the SEAC decided to list the case in next meeting after submission of valid LoI by the project proponent.**

The project proponent represented the case before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**1.12 Mr. Dhavinder Thakur, M/s D.S. Thakur Stone Crusher, Village-Kandla, Tehsil-Chamba, District-Chamba, Himachal Pradesh, 177001 (23-13-11 Bighas)**

**Brief outline of the project:**

a) <b>Project type</b>	Mining of minerals (Extraction/collection of Stone)
b) <b>Project Location</b>	Khasra number 4, 10, 11, 12, 530/22, 531/22 & 24 falling in Mauza Kandla of Tehsil & District-Chamba, Himachal Pradesh.
c) <b>Capacity</b>	18,900 MTA.
d) <b>Mining Area</b>	23-13-11 Bighas
e) <b>EMP Cost</b>	Capital Cost: Rs. 2.0 lakhs; Recurring cost: Rs. 0.85 lakhs
f) <b>CSR cost</b>	Capital Cost: Rs. 0.80 lakhs; Recurring cost: Rs. 0.10 lakhs

The project proponent has earlier applied to SEIAA, Himachal Pradesh in 2013, but at that time the tenure of committee was expired and then the case was transferred to MOEF&CC, Govt. Of India as per Rule-4(III) of EIA Notification, 2006 vide this office letter number Env. S&T/HPSEIAA/2014/258-II dated 28<sup>th</sup> June 2014. Now, the project proponent has applied a fresh for grant of Environment Clearance.

The project proposal is for mining from Suil river bed which form a part of river Ravi. The total material handling in a year would be 18,900 metric tons per annum for five years. The waste generated during the production of commercially usable construction aggregate would be about 3000 metric tons per year. Waste generated during extraction of minor minerals will be in the form of clay/silt which shall be used partly at the sites identified for tree/bushes plantation and partly for back filling.

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The project proponent submitted the documents as per check list and the application was listed before the SEAC.

The case was again listed in 44<sup>th</sup> meeting of SEAC, where the SEAC decided to list the case in next meeting after submission of following documents:

- The Project Proponent shall submit the revised EMP and CSR plan.

The project proponent represented the case before SEAC. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.

**1.13 Mr. Dhavinder Thakur, M/s D.S. Thakur Stone Crusher, Village-Kandla, P.O. Kandla, Tehsil-Chamba, District-Chamba, Himachal Pradesh.**

**Brief outline of the project:**

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|---------------------|--|
| a) Project type     | Mining of minerals<br>(Extraction/collection of Stone)   |
| b) Project Location | Khasra number 647/640 & 173 falling in Mauza Mohdi of Tehsil & District-Chamba, Himachal Pradesh |
| c) Capacity         | 9,450 MTA.   |
| d) Mining Area      | 12.09 Bighas Private land.   |
| e) EMP Cost         | Capital Cost: Rs. 2.0 lakhs; Recurring cost: Rs. 0.85 lakhs                                      |
| f) CSR cost         | Capital Cost: Rs. 1.0 lakhs; Recurring cost: Rs. 0.10 lakhs                                      |

The project proposal is for extraction of stone. Minor minerals will be collected manually and quarrying shall be restricted to 1 meter depth as mining policy.

The case was listed in 42<sup>nd</sup> Meeting of SEAC, where the committee decided that the case will be listed in next Meeting after compliance to the certain observations.

The case was represented before SEAC in 44<sup>th</sup> meeting. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC observed that the project proponent has not submitted the revised EMP as per previous query raised and hence decided to list the case in the next meeting after the submission of complete case.

The project proponent represented the case before SEAC. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.

**1.14 M/s IL & FS Engineering & Construction Co. Ltd., (4-35-00 ha), Hotel Highway Inn, Ghagus, P.O. Binola, Tehsil-Sadar, District-Bilaspur, 174 001, Himachal Pradesh.**

**Brief outline of the project:**

- |                     |   |
|---------------------|---|
| a) Project type     | Mining of minerals<br>(Extraction/collection of Sand, Stone & Bajri)  |
| b) Project Location | Khasra number 1043/1 falling in Mohal Nohan Mauza Datwal of Tehsil-Barsar, District-Hamirpur, Himachal Pradesh. |
| c) Capacity         | 88,088 metric tons per annum.   |
| d) Mining Area      | 4-35-00 ha. (Govt. land, river bed).  |
| e) EMP Cost         | Capital Cost: Rs. 1.80 lakhs; Recurring cost: Rs. 1.0 lakhs.  |
| f) CSR cost         | -   |

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The proposed project is manual extraction of sand, stone & Bajri from river bed. The silt mixed clay waste generated during the mining would be about 9787 metric tons per annum. The raw material shall be used in stone crusher for captive use.

The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

The case was again listed in 44<sup>th</sup> meeting of SEAC, where the SEAC decided to list the case in next meeting after submission of following documents:

- *The project proponent shall resubmit NOC from Panchayat w.r.t. mining activities in the area.*
- *The project proponent shall submit NOC from Ground Water Authority regarding extracting of ground water proposed to be used for mining purpose.*
- *The project proponent shall resubmit the muck dumping management plan & waste disposal plan.*
- *The project proponent shall resubmit details of per day trucks/trips required to carry mining material in the prefeasibility report.*
- *The project proponent shall resubmit 500 meter distance certificate as per prescribed format from State Geologist, Deptt. of Industries.*
- *The project proponent shall submit the plan for plantation of trees viz-a-viz mining activity.*

After compliance of the above conditions the project proponent represented the case before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**1.15 M/s IL & FS Engineering & Construction Co. Ltd., (4-31-93 ha), Hotel Highway Inn, Ghagus, P.O. Binola, Tehsil-Sadar, District-Bilaspur, 174 001, Himachal Pradesh.**

**Brief outline of the project:**

- |                            |   |
|----------------------------|---|
| <b>a) Project type</b>     | Mining of minerals<br>(Extraction/collection of Sand, Stone & Bajri)  |
| <b>b) Project Location</b> | Khasra number 1993 & 2239 falling in Mohal Baragan, Ghorī & Dhabiri Mauza Datwal, Tehsil-Barsar, District-Hamirpur, Himachal Pradesh. |
| <b>c) Capacity</b>         | 87,074 metric tons per annum.   |
| <b>d) Mining Area</b>      | 4-31-93 ha, (Govt. land, river bed).  |
| <b>e) EMP Cost</b>         | Capital Cost: Rs. 1.85 lakhs; Recurring cost: Rs. 1.0 lakhs.  |

The proposed project is manual extraction of sand, stone & Bajri from river bed. The silt mixed clay waste generated during the mining would be about 9,675 metric tons per annum. The raw material shall be used in stone crusher for captive use. The area being part of *khad* no habitation is required to be disturbed from the mining lease area, therefore, no R&R plan is envisaged.

The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

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The case was again listed in 44<sup>th</sup> meeting of SEAC, where the SEAC decided to list the case in next meeting after submission of following documents:

- *The project proponent shall resubmit NOC from Panchayat w.r.t. mining activities in the area.*
- *The project proponent shall submit NOC from Ground Water Authority regarding extracting of ground water proposed to be used for mining purpose.*
- *The project proponent shall resubmit the muck dumping management plan & waste disposal plan.*
- *The project proponent shall resubmit details of per day trucks/trips required to carry mining material in the prefeasibility report.*
- *The project proponent shall resubmit 500 meter distance certificate as per prescribed format from State Geologist, Deptt. of Industries.*
- *The project proponent shall submit the plan for plantation of trees viz-a-viz mining activity.*

After complaisance of the above observations the project proponent represented the case before SEAC. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.

**1.16 M/s Om Stone Crusher, GPA Sh. Harsaran Singh Maini, Village-Tippri, Post Office-Lodhwan, Tehsil-Nurpur, District-Nurpur, Himachal Pradesh.**

**Brief outline of the project:**

- |                            |  |
|----------------------------|--|
| a) <b>Project type</b>     | Mining of minerals<br>(Extraction/collection of Sand, Stone & Bajri)   |
| b) <b>Project Location</b> | Khasra number 967/1, 968/1 & 976/1 falling in Mauza & Mohal-Hagwal & Gagwal, Tehsil-Nurpur, District-Kangra, Himachal Pradesh. |
| c) <b>Capacity</b>         | 1,08,000 TPA.  |
| d) <b>Mining Area</b>      | 18-96-73 ha (Govt. land).  |
| e) <b>EMP Cost</b>         | Capital Cost: Rs. 70,000; Recurring Cost: Rs. 2, 35,800.   |
| f) <b>CSR Cost</b>         | Capital Cost: Rs. 1.25 lakhs, Recurring Cost: Rs. 12,000.  |

The project proposal was submitted on 02.09.2011 in MoEF due to applicability of Interstate boundary within 10 Km. radius. TOR Presentation was held on 28-11-2011. Affidavit for violation was submitted to MoEF dated 19-03-2012. TOR was issued on 27-03-2012. DEIA was submitted on 17-12-2012. Public hearing was also conducted on dated 11-04-2013. FEIA was submitted dated 11-11-2013. Project Proponent receive letter from MoEF reg. violation dated 13-01-2014. Reply of letter was submitted to MoEF dated 27-08-2014. The Project was listed for presentation in Jan 2016 on MoEF agenda. Due to amendment in notification dated 15<sup>th</sup> Jan 2016, fall under B category and referred to SEIAA.

The case was again listed in 44<sup>th</sup> meeting of SEAC, where the SEAC decided to list the case in next meeting after submission of following documents:

- *The project proponent shall resubmit revised EMP with details w.r.t. water requirement with quantification & activity.*
- *The project proponent shall resubmit detailed rehabilitation plan along with cost implication in EMP.*

After compliance of the above observations the project proponent represented the case before SEAC. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case

application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.

## ITEM NO 2: PROJECTS FOR APPRAISAL AS PER SUPPLEMENTARY AGENDA:

S-2.1 Sh. Manoj Sharma, Project Director, IDIPT-HP, U.S. Club, Shimla-171001. Phone: 0177-2812899.

### Brief outline of the project:

- |                     |   |
|---------------------|---|
| a) Project type     | Building-Construction Project (Category 8-a)<br>(Multi-Story Parking at Tutikandi, Shimla)              |
| b) Project Location | Tutikandi opposite Tourist Information Centre, Shimla   |
| Capacity            | 700 car spaces + other circulation spaces   |
| c) Built up area    | 33,906.69 m <sup>2</sup>  |
| d) Plot area        | 11210.94 m <sup>2</sup>   |
| e) Khasra number    | Khasra number 823 at Mohal Tuti Kandi, Shimla, Himachal Pradesh.<br>Forest Land- FCA approval obtained. |
| f) Cost of Project  | Rs. 66.65 Crore   |
| g) EMP Cost         | Capital Cost: Rs.1.85 Crore   |

It has been proposed to construct eleven storeys building with two closed basements for muck dumping and eight story parking, two storeys office and one storeys restaurant.

The project proponent represented the case before SEAC. After deliberating on the information submitted by the project proponent and considering the fact that the proposed project is one of the major infrastructure development project to cater to the requirement of sustainable development in Shimla, which is important tourism destination besides Capital of State. The SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-II and with following special condition that;

- The Project proponent shall submit the detail of retaining structure.
- The Project proponents shall prepare the DMP.
- The Project proponents may tie up with the Sulabh International or any other agency for management of Toilets..
- The space for dormitory drivers to be increased in correlation with the number of vehicles to be accommodated in parking.
- The Project proponents shall maintain the hygienic condition and regularly upkeep the area.
- The Project proponents shall make necessary arrangements for handling of MSW/ Garbage with disposal and collection plan.
- The Project proponents shall also provide a first aid center in the parking.
- The Project proponents shall connect the sewage with MC sewerage system or provide STP with tertiary treatment technology.

S 2.2 Sh. Kirnesh Junj, M/s Arikesh Stone Crusher, Village-Ganguwala, Post Office-Bata Mandi, Tehsil- Paonta Sahib, District-Sirmaur, Pin 175024.

### Brief outline of the project:

- |                     |   |
|---------------------|---|
| a) Project type     | Mining of minerals<br>(Extraction/collection of Sand, Bajri & Bajr)   |
| b) Project Location | Khasra number 245/213/1, 246/113/1, 247/113/1, 248/113/1 & 249/113 falling in Mauza/Mohal- Kotri, Tehsil-Paonta sahib, District-Sirmaur, H.P. |
| c) Capacity         | 79,380 TPA.   |
| d) Mining Area      | 57-18 Bighas, 4-8805 ha.  |
| e) EMP Cost         | Capital Cost: Rs. 2.0 lakhs; Recurring cost: Rs. 0.7 lakhs  |
| f) CSR Cost         | Capital Cost: 2.0 lakhs; Recurring cost:0.5 lakhs   |

The case is for extraction of Sand, Stone & Bajri. As proposed the project is open cast semi mechanized mining by using JCB.

The project proponent did not appear before the committee on 24-05-2016 and as per request made by the project proponent the case was appraised on Day-III i.e. on 25-05-2016.

The project proponent represented the case before SEAC. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.

### ITEM NO.3: CASE LISTED FOR CORRECTIONS:

#### 3.1 Sh. Anchal Singh Rana, S/o Sh. Anant Ram, R/o Village-Upper Chula, P.O. Bairghatta, Sub-Tehsil-Thural, District-Kangra, Himachal Pradesh, Pin-176 073.

The case was listed in 43<sup>rd</sup> & 44<sup>th</sup> meeting of SEAC and approved the grant of EC in 44<sup>th</sup> Meeting. Inadvertently, the project location, capacity, mining area and other details were entered/typed wrongly in confusion with another case of same proponent, which was noticed while preparing agenda for the SEIAA Meeting and it was observed that the case may referred to the SEAC for kind consideration of corrections.

After deliberating on the information submitted by the secretariat and considering the fact that the appraisal of the case was done as per the following details and hence the Committee approved the corrections in brief outline of the project as under:

##### Brief outline of the project:

- |                     |   |
|---------------------|---|
| a) Project type     | Mining of minerals<br>(Extraction/collection of Sand, Stone & Bajri)  |
| b) Project Location | Khasra number 2193, 2211, 2215, 2216, 2219, 2220, 2221, 2223, 2224, 2244, 2245, 2246, 2247, 2249, 2250 & 2251 in Mauza-Bandahu Mohal-Chula Upperla, Sub-Tehsil-Thural, District-Kangra, Himachal Pradesh. |
| c) Capacity         | 25,000 TPA.   |
| d) Mining Area      | 02-67-43 ha, (Private land, river bed).   |
| e) EMP Cost         | Capital Cost: Rs.1.25 lakhs; Recurring cost: Rs. 0.40 lakhs.  |
| f) CSR cost         | Capital Cost: Rs.1.24 lakhs; Recurring cost: Rs. 0.25 lakhs.  |

#### 3.2 Sh. Yogesh Kumar, Village-Battihatti, Post Office-Gehra, Tehsil-Chamba, District-Chamba, 176 324, Himachal Pradesh.

##### Brief outline of the project:

- |                     |   |
|---------------------|---|
| a) Project type     | Extraction of Slate.  |
| b) Project Location | Khasra number 1265/544/1 & 1244/598 falling in Mauza/Mohal-Piura, Tehsil & District-Chamba, Himachal Pradesh. |
| c) Capacity         | 3,700 TPA.  |
| d) Mining Area      | 4-02 Bighas, 0.33 ha, Pvt. Land, hill slope mining.   |
| e) EMP Cost         | Capital Cost: Rs. 4.0 lakhs; Recurring cost: Rs. 3.0 lakhs.   |
| f) CSR cost         | Rs. 1.25 lakhs.   |

The project proposal is for extraction of slates. The excavation will be carried out in manual way, by forming benches of 4m height. Mining will be carried out only during the day time.

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided

that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was represented before SEAC in 44<sup>th</sup> meeting, where the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I. The project proponent has made representation that at Sr. No. (a) it is written as Extraction of Stone, in place of Extraction of Slate.

**After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC approved the corrections as proposed.**

**3.3 M/s Hindustan Salts Ltd., Chairman-cum-Managing Director, R/o B-427, Pradhan Marg, Malviya Nagar, Jaipur, Pin-302 017, Rajasthan.**

**Brief outline of the project:**


- |                            |   |
|----------------------------|---|
| a) <b>Project type</b>     | Mining of Minerals<br>(Proposed Drang (Mohal Bhatog) Rock Salt Mine of Hindustan Salts Ltd., Jaipur)  |
| b) <b>Project Location</b> | Khasra number 343, 348, 349, 350, 351, 352, 353, 354, 356 & 376 situated near Village-Mohal Bhatog, Tehsil-Sadar, District-Mandi, Himachal Pradesh. |
| c) <b>Capacity</b>         | 7,200 MTPA.   |
| d) <b>Mining Area</b>      | 8.122 ha (100-07-16 Bighas) hilly land.   |
| e) <b>EMP Cost</b>         | Recurring cost: Rs. 1.57 lakhs  |
| f) <b>CSR cost</b>         | Rs. 2.21 lakhs  |

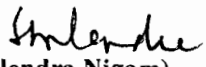
The project proponent has been accorded Environment Clearance vide letter vide letter no. HPSEIAA/2015/435-Hindustan Salts Ltd./194 dated 19.04.2016. The project proponent has submitted a representation dated 29<sup>th</sup> April, 2016 and requested to remove following conditions imposed in EC letter under Part A-Specific conditions as may not be relevant in their case/project.

- Point No. IV: Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity production levels shall accordingly be decreased / stopped.
- Point No. XII: No drilling & blasting operation shall be carried out.

**The SEAC examined the same and recommended to remove the conditions from Part-A, Specific condition.**

Meeting ended with vote of thanks to and from the Chair.

  
(Parveen Gupta)  
Secretary, HPSEAC

  
(Shailendra Nigam)  
Chairman, HPSEAC


Endst. No.: SEAC 45<sup>th</sup> Meeting Day-III/2016-

Dated 26/5/2016

Copy to following for information and further necessary action please:

1. The Member Secretary, State Level Environment Impact Assessment Authority, Himachal Pradesh, Shimla-1.
2. Case files of all projects, Guard file.

**Note:** Minutes of the Meeting are being hosted on the official website of SEIAA and all concerned shall download it for taking further necessary actions relevant to their project.

  
(Parveen Gupta)  
Secretary,  
Himachal Pradesh State Expert Appraisal Committee,  
Shimla, Himachal Pradesh.

**A. Specific Conditions:**

1. Stone and Bajri (if extracted) is not allowed to be sold to crushers not having consent to establish and operate and also not complying with the condition stipulated by State Pollution Control Board.
2. The project proponent shall obtain Consent to Establish and Consent to Operate from the Himachal Pradesh Pollution Control Board and effectively implement all the conditions stipulated therein.
3. Environment clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004, as may be applicable to this project.
4. Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity/ production levels shall accordingly be decreased/ stopped.
5. Effective safeguard measures shall be taken to control particulate matter level so as to ensure that these are within permissible limit.
6. Regular monitoring of ambient air quality shall be carried out and records maintained. The results of monitoring shall be submitted to MoEF&CC and its Regional Office and CPCB, SPCB regularly.
7. 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 Central Pollution Control Board in this regard.
8. The project proponent shall undertake adequate safeguard measures during mining and ensure that due to this activity the hydro-geological regime of 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 and installing new piezometers during the mining operation. 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 MoEF&CC and its Regional Office Dehradun, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.
9. The project proponent shall obtain necessary prior permission from the competent authority for drawl of requisite quantity of water for the project.
10. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
11. Vehicular emission shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
12. No drilling and blasting operation shall be carried out.
13. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
14. 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.
15. 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.
16. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.
17. The project proponent shall undertake all the commitments made during the public hearing and effectively address the concerns raised by the locals in the public hearing as well as during consideration of the project, while implementing the project.

**B. General Conditions:**

1. No change in mining technology and scope of working should be made without prior approval of the MoEF&CC.
2. No change in the calendar plan including excavation, quantum of mineral Sand, Gravel, Boulders (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 10 micron i.e., PM<sub>10</sub>) and NO<sub>x</sub> 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 State Pollution Control Board.
4. Data on ambient air quality should be regularly submitted to the MoEF&CC including its Regional office located at Dehradun and the State Pollution Control Board/ Central Pollution Control Board once in six months. Provisions contained in notification no. B-29016/20/90/PCI-I dated 18.11.2009 should be allowed for monitoring.
5. Fugitive dust emission 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.
7. 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.
8. A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. 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 MoEF&CC and its Regional Office located at Dehradun.
10. The project authorities should inform to the Regional Office located at Chandigarh regarding date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.
11. The Regional Office of this Ministry located at Chandigarh 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.
12. 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 MoEF&CC, its Regional Office Dehradun, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. 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 State Pollution Control Board.
13. 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.
14. The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
15. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the MoEF&CC, Dehradun by e-mail.
16. The project authorities 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 State Pollution Control Board and also at web site of the MoEF&CC at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of MoEF&CC at Dehradun.



**Part-A- Specific Conditions:****I- Construction Phase:**

1. "Consent to Establish" shall be obtained from H.P. State Pollution Control Board under Water (Prevention and Control of Pollution) Act 1974 and Air (Prevention and Control of Pollution) Act 1981 a copy of same shall be submitted to State Environment Impact Assessment Authority (SEIAA) before start of any construction work at the site.
2. Provisions shall be made for the housing of 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.
3. All required sanitary and hygienic measures should be taken before, during and after the completion of project.
4. A First Aid Room will be provided in the project both during construction and operation phase of the project.
5. Adequate drinking water, fuel and sanitary facilities should be provided for construction workers at the site. Provisions should be made for mobile toilets.
6. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.
7. All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
8. Disposal of muck including excavated material during construction phase should not create any adverse effects on the neighboring communities and disposed-off taking the necessary precautions for general safety and health aspects of public, only in approved sites with the approval of competent authority.
9. Soil and ground water samples shall be got tested from authorized agency to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
10. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the competent authority. Diesel generator sets during construction phase should have acoustic enclosures and should conform to Environment (Protection) Act, 1986 and Rules framed there under for air and noise emission standards. Low sulphur diesel type should be used.
11. The diesel required for operating DG sets shall be stored in under tanks and if required, clearance from Chief Controller of Explosives shall be taken.
12. Vehicles/ equipment deployed during construction phase should be in good condition and should conform to applicable air and noise emission standards, should have vehicle pollution check certificate and should be operated only during non-peaking hours.
13. Ambient noise levels should conform to residential standards both during day and night. Only limited necessary construction should be done during night time. Fortnightly monitoring of ambient air quality (SPM, SO<sub>2</sub> and NO<sub>x</sub>) and equivalent noise levels should be ensured during construction phase should be closely monitored during construction phase so as to conform to the stipulated standards fixed by the competent authority. Storm water control and its re-use for various applications as per guidelines.
14. Boundary wall shall be constructed in such a manner as not to be obstructing the flow of storm water. Necessary arrangement shall be made for the drainage of surrounding area.
15. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices and technologies available.
16. Permission to draw ground water shall be obtained from the competent Authority prior to construction/ operation of the project. Opaque wall should meet perspective requirement as per Energy.
17. Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is operational for non-air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
18. Regular supervision of the above and other measures for monitoring should be in place all though the construction phase, so as to avoid disturbance to the surroundings.

19. The proponent shall be liable for action under the Environment (Protection) Act, 1986 for the violation of any provision of the said Act.

## **II- Operational Phase:**

1. The installation of the Effluent Treatment Plant/Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Member Secretary, HPSEIAA at Director, Department of Environment, Science & Technology before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards prescribed. Necessary measures should be made to mitigate the odour problem from STP.
2. The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable materials.
3. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be 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. The proponent shall be required to use low sulphur diesel. The location of the DG sets may be decided in consultation with the competent authority.
4. Noise pollution should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
5. The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.
6. Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon periods.
7. Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and grease.
8. The bore well for rainwater recharging should be kept at least 5 mtrs. above the highest ground water table.
9. The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
10. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized as per norms prescribed by the Competent Authority and no public space should be used for this purpose.
11. Energy conservation measures like installation of CFLs for the lighting the surrounding areas/outside areas the building should be integral part of the project design and should be in place before project commissioning. Used CFLs/ 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. Use of solar panels may be done to the possible extent.
12. Adequate steps should be taken to prevent odour problem from solid waste processing site and STP.
13. Sprinkling of water etc. be used for air pollution control during construction phase so as to avoid disturbance to the surroundings.

## **Part-B- General Conditions:**

1. The environmental safe guards contained/given in the proposal for management of environmental pollution should be implemented in letter and spirit.
2. Six monthly environment monitoring reports shall be submitted to the State Environment Impact Assessment Authority and Ministry of Environment & Forests Regional Office at Dehradun.
3. Officials from the State Environment Impact Assessment Authority, Regional Office of MoEF, Dehradun and Department of Environment, Science & Technology GoHP who would be monitoring the implementation of environmental safeguards shall be given full cooperation, facilities and documents/ data by the project proponents during their inspection.

4. In the case of any change (s) in the scope of the project, the project would require a fresh appraisal by this Authority.
5. The SEIAA reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safe guards and measures in a time bound and satisfactory manner.
6. All other statutory clearances shall be obtained, as applicable by the project proponents.
7. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and Environment Impact Assessment Notification, 2006.
8. Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.
9. Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.