



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. HP SEAC/2008, 16-Vol-V

Dated: 20/9/2017

MINUTES OF THE 56th MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE HELD IN CONFERENCE HALL, DEPARTMENT OF ENVIRONMENT, SCIENCE & TECHNOLOGY, SHIMLA, ON 19th SEPTEMBER, 2017

The 56th meeting of State Expert Appraisal Committee for appraisal of the Project proposals received for Environmental Clearance was held on 19th September, 2017 in the Conference Hall of Department of Environment, Science & Technology, Shimla. The following were present in the meeting:

Sr. No.	Name	Designation	19 th Sept. 2017
1.	Sh. Shailendra Nigam, IAS	Chairman	✓
2.	Sh. Raj Kumar Sood, IFS	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	✓
11.	Er. Praveen Gupta	Secretary	✓

The Deliberations were started with permission of Chair.

ITEM NO. 1: CONFIRMATION OF THE MINUTES OF 55th MEETING OF SEAC:

The minutes of the 55th meeting of SEAC held on 25th & 26th August, 2017 were ratified by the committee as per procedure.

ITEM NO.2: APPRAISAL OF CASE APPLICATIONS LISTED FOR ENVIRONMENTAL CLEARANCE:

2.1 The General Manager, Ravi & Chenab Project, HPPCL, District-Chamba, Himachal Pradesh, Pin-176 312

Brief outline of the project:

- Online Proposal No. SIA/HP/RIV/19770/2011 dated 19.10.2011 (TOR's) & 10.07.2017 (for EC), HPSEIAA/2010/84
- Project type River valley and Hydro Electric Project
- Project Location Surgani Sundla hydropower utilizes the tail race water from Baira Suil-Hydro Electric Project (180 MW). It is situated on Suil river, a tributary of Ravi river in Chamba District.
- Capacity 48 MW
- Mining Area 10.98 ha, for collection of sand, stone & bajri from Khasra no. 674/1 falling in Mohal-Jussaf, Mauza-Manjheer, Tehsil-Saluni, District-Chamba, H.P.

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|----|-----------|--|
| f) | EMP Cost | Rs. 41.6 lakhs (to be executed through various State level agencies of H.P.) and Rs. 98.01 lakhs (to be executed through H.P. State pollution Control Board) Total-Rs. 139.6 lakhs |
| g) | LADF Cost | 1.5 % of total cost of project i.e. Rs. 518 lacks |

The SEAC examined the case application as per procedure of EIA Notification. The project was listed in 12th & 14th meeting of SEAC, where ToR's for the same was released. The project was also listed in 10th meeting of SELAA where the authority perused and approved the ToR's as recommended by the SEAC.

The Project Proponent has also submitted the revised Environment Impact Assessment & Environment Management Plan for Surgani- Sundla Hydro Electric Project in 2014. The H.P. State Pollution Control Board has also conducted the Environmental Public Hearing for the same project on 28.12.2014. The copy of the same has been already circulated to all SEAC members for their perusal.

Case was listed in 38th meeting of SEAC, where SEAC imposed following observations:

- *that the Project Proponent have not submitted the approvals of query sites including FCA clearance from competent authorities besides the approvals for setting up of Stone Crushing Units for project being integral part of the project. The committee decided that the case shall be appraised in entirety and therefore asked the Project Proponents to submit the above mentioned approvals to the authority. However the SEAC also advised the Project Proponents to make necessary amendments in proposed EMP as per the discussions held during the presentation.*

After compliance of the above observations the case was again listed in 55th SEAC meeting but could not attend the meeting. The case was again listed in 56th meeting.

After deliberating on the information & compliance submitted and considering the facts placed before the committee, the SEAC decided to appraise the case in next meeting after compliance of the following observations:

- The Project Proponent shall re-present the detailed Muck Management Plan for all the proposed dumping sites.
- To submit the Cross section of all the dumping sites.
- The drawings of retaining structures. With clear marking from HFL.
- Photo graphs of all the dumping sites.
- The Project Proponent shall submit details of road connectivity, proposed roads and plan disposal of muck likely to be generated from road construction.
- The Project Proponent shall also submit a self contained note on water treaty- INDUS basin viz-a-viz project construction positive impacts.

2.2 The General Manager, Delanco Realtors Private Limited, 1-E, Jhandewalan Extn., Naaz Cinema Complex, New Delhi-110055, Mob: 085588 86991.

Brief outline of the project:

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|----|-------------------------------|---|
| a) | Online Proposal No. | SIA/HP/NCP/59150/2016 dated 20.09.2016 |
| b) | Project type | Modification/Alteration of Residential Project by M/s Delanco Realtors Pvt. Ltd. |
| c) | Project Location | Khasra number 15/7/2/1 & 2270/1643 at village-Jungle Nalka, Sub-Tehsil/Tehsil- Krishan Garh Kuthar, District-Solan, Himachal Pradesh. |
| d) | Proposed Land | 93,228.46 m ² (123-17-08 bighas) |
| e) | Proposed Built up area | 20,472.32 m ² |
| f) | Green area | 9939.11 sq. meter |
| g) | Cost of project for expansion | 61.25 crores |

hr *LD*

h)	EMP Cost	Construction Phase: Rs. 2.25 lakhs Operational Phase: Capital Cost: Rs. 104.2 lakhs; Recurring cost: Rs. 16.3 lakhs
i)	CSR Cost	Rs. 20.00 lakhs

The project comes under the schedule 8(a) i.e. building and construction of EIA Notification, 2006. The project is the modification proposed by M/s Delanco Realtors Pvt. Ltd. Earlier, the project has been granted Environment Clearance by HP SEIAA on dated 24.04.2009 for construction of dwelling units/villas for having built up area of 21,120.69 m². As proposed the total water requirement of the project will be 99.62 KLD. The total Municipal Solid Waste to be generated is approximately 374 Kg/day.

The case was listed in 48th & 49th meeting of SEAC, where in SEAC decided that the case will be listed in next meeting after compliance of certain observations. After examining the compliance report submitted by the Project Proponent again the case was listed in the SEAC meeting.

The case was listed in 52nd with certain observations. After compliance to these observations the case was again listed in 55th Meeting of the SEAC, but Project Proponent did not appear before the Committee. The case was once again listed in 56th meeting.

After deliberating on the information & compliance submitted and considering the facts placed before the committee, the SEAC decided to appraise the case in next meeting with following observations:

- The Project Proponent shall copy of Valid Essentiality Certificate issued by State Government.
- The SEIAA may write to Department TCP to issue the certificate w.r.t. location of the project, to ascertain that whether the project is located within Kasauli Planning area or outside.

2.3 Sh. Gurjant Singh, S/O Sh. Labh Singh, V.P.O. Naulakha, Tehsil & District-Fatehgarh Sahib, Punjab.

Brief outline of the project:

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|----|------------------|---|
| a) | Proposal No. | SIA/HP/MIN/67614/2017 dated 23.08.2017
HP SEIAA/2017-554 |
| b) | Project type | Extraction/collection of Sand, Stone & Bajri. |
| c) | Project Location | Khasra Numbers 1600, 1599, 1594, 1593, 1587, 1561, 1562, 1586, 1579, 1563, 1564, 1585, 1580, 1578, 1565, 1566, 1567, 1573, 1572, 1570, 1569 & 1568 falling in Mauza-Mohal-Nangran, Jhikla of Tehsil & District-Una, Himachal Pradesh. |
| d) | Capacity | 11,22,680 MT for the leased period of five years. |
| e) | Mining Area | 10-28-80 ha., Govt. land |
| f) | EMP Cost | Capital Cost: Rs. 1.5 lakhs; Recurring cost: Rs. 0.5 lakhs/ annum |
| g) | CSR Cost | Capital Cost: Rs. 1.0 lakhs; Recurring cost: Rs. 0.10 lakhs/ annum |

The proposed project is extraction of Sand, Stone & Bajri. The proposed area is located in the river bed (Govt. land) of Swan River. As proposed the mining will be done manually as well as in a mechanized way

The Proposed project has submitted report on 23.08.2017 and online on dated 23.08.2017.

The case was listed in 55th SEAC but the Project Proponent did not appear before the Committee. The case was again listed in 56th meeting of SEAC.

The SEAC examined the certificates issued by the mining officer vide no. Udyog (Bhu) Khani-Laghu Auction Sh. Raman Kumar-757 dated 22-08-2017 and revised No. Udyog (Bhu)-Laghu-UNA-Mining Leases-867 dated 11-09-2017 w.r.t. mining leases located within 500 meters radius of

the present project location. It was clarified by the Project proponent that the certificate issued by the Mining Department on dated 18-08-2017 was issued on the basis of Auctions of all the Blocks irrespective of the distance between mining leases and their present status whether these are operational or not. There are five Blocks which have been auctioned by the Mining Department and the distance between some of mining leases is greater than 500 meters. Therefore on the request of Project Proponent the Mining Department has issued revised certificate.

After deliberating on the information submitted and considering the facts placed before the committee, and that the Mining Department has issued the certificate of existing mining leases within 500 meters radius of the present case, according to which at present the total cluster area comes out to be less than 25 ha, 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 prior fulfillment of following observations.

- The Project Proponent shall resubmit the NOC from Gram Panchayat.
- The Project Proponent shall resubmit EMP with complete details of activities.
- The Project Proponent shall submit NOC from the concerned authority of primary school for construction of toilets.

In addition the SEAC also recommended that the condition be imposed to the Project Proponent Sh. Gurjant Singh, S/o Sh. Labh Singh, V.P.O. Naulakha, Tehsil & District-Fatehgarh Sahib, Punjab for his proposed project in HP to join and take part in the public hearing jointly with the prospective proponents likely to come up for environmental clearance in future falling within 500 meters of radius under various Blocks of the auction vide notification of Industries Department for District Una vide No, Udyog-Bhu (Khin-4) Laghoo24/2003 dated 17-05-2017, and in case any issue is raised by the public and same is recommended by the concerned authority which may be required to be attended by the proponent Sh. Gurjant Singh, S/o Sh. Labh Singh, V.P.O. Naulakha, Tehsil & District-Fatehgarh Sahib, Punjab for his proposed project in HP, the compliance to same shall be ensured by them as well.

2.4 Sh. Raman Kumar, S/o Sh. Dharampal, V.P.O. Ispur, Tehsil-Haroli, District-Una, H.P.

Brief outline of the project:

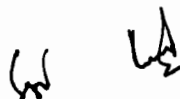
- | | | |
|----|------------------|---|
| a) | Proposal No. | SIA/HP/MIN/67587/2017 dated 21.08.2017
HP SEIAA/2017-553 |
| b) | Project type | Extraction/collection of Sand, Stone & Bajri. |
| c) | Project Location | Khasra number 712, 709, 708, 702, 703, 704, 696, 695, 694, 693, 690, 691, 692, 685, 683, 684, 680, 661 & 662 falling in Mauza-Mohal-Nangran, Jhikla of Tehsil & District-Una, Himachal Pradesh. |
| d) | Capacity | 7,89,435 MT for the leased period of five years. |
| e) | Mining Area | 7-23-42 ha, Govt. land |
| f) | EMP Cost | Capital Cost: Rs. 1.5 lakhs; Recurring cost: Rs. 0.5 lakhs/ annum |
| g) | CSR Cost | Capital Cost: Rs. 1.0 lakhs; Recurring cost: Rs. 0.10 lakhs/ annum |

The proposed project is extraction of Sand, Stone & Bajri. The proposed area is located in the river bed of Swan River. As proposed the mining will be done manually as well as in a mechanized way.

The Proposed Project has submitted report on 23.08.2017 and online on dated 21.08.2017.

The case was listed in 55th SEAC but the Project Proponent did not appear before the Committee. The case was again listed in 56th meeting of SEAC.

The SEAC examined the certificates issued by the mining officer vide no. Udyog (Bhu) Khani-Laghu Auction Sh. Raman Kumar-738 dated 18-08-2017 and revised No. Udyog (Bhu)-Laghu-



UNA-Mining Leases-890 dated 13-09-2017 w.r.t. mining leases located within 500 meters radius of the present project location. It was clarified by the Project proponent that the certificate issued by the Mining Department on dated 18-08-2017 was issued on the basis of Auctions of all the Blocks irrespective of the distance between mining leases and their present status whether these are operational or not. There are five Blocks which have been auctioned by the Mining Department and the distance between some of mining leases is greater than 500 meters. Therefore on the request of Project Proponent the Mining Department has issued revised certificate.

After deliberating on the information submitted and considering the facts placed before the committee, and that the Mining Department has issued the certificate of existing mining leases within 500 meters radius of the present case, according to which at present the total cluster area comes out to be less than 25 ha, 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 prior fulfillment of following observations.

- The Project Proponent shall resubmit the NOC from Gram Panchayat.
- The Project Proponent shall resubmit EMP with complete details of activities.
- The Project Proponent shall submit NOC from the concerned authority of primary school for construction of toilets.

In addition the SEAC also recommended that the condition be imposed to the Project Proponent Sh. Raman Kumar, S/o Sh. Dharampal, V.P.O. Ispur, Tehsil-Haroli, District-Una, H.P. to join and take part in the public hearing jointly with the prospective proponents likely to come up for environmental clearance in future falling within 500 meters of radius under various Blocks of the auction vide notification of Industries Department for District Una vide No, Udyog-Bhu (Khin-4) Laghu4/2003 dated 17-05-2017, and in case any issue is raised by the public and same is recommended by the concerned authority which may be required to be attended by the proponent Sh. Raman Kumar, S/o Sh. Dharampal, V.P.O. Ispur, Tehsil-Haroli, District-Una, H.P. , the compliance to same shall be ensured by them as well.

2.5 Mr. Ajay Singh Cheema, Director, G-317, Bhai Randhir Singh Nagar, Ludhiana, Pin-173229. Mob: 097791 77770.

Brief outline of the project:

a) Proposal No.	SIA/HP/NCP/17860/2009 dated 29.11.2016, HPSEIAA/2008-7, Part-II
b) Project type	Princeton Infrastructure Private limited, Category 8(a) i.e. building and construction of EIA Notification, 2006
c) Project Location	Khasra number 79, 82, 102/80/02, 75/1, 76/1 at village-Kalth, Tehsil & District-Solan, Himachal Pradesh.
d) Revised Capacity Built up Flats area	Existing: 30,208.6 m ² ; Revised: 30,169.96 m ²
e) Revised capacity	No. units: 184 Revised Plan: 113
f) Cost of project	Existing cost is Rs. 69 Crores & after modernization cost will be Rs. 116 Crores.
g) EMP Cost (already implemented)	Capital Cost: Rs. 215.18 lakhs; Recurring cost: Rs. 9.03 lakhs
EMP Cost (proposed expenditure)	Capital Cost: Rs. 150 lakhs; Recurring cost: Rs. 5.0 lakhs

The project is of the schedule 8(a) i.e. building and construction of EIA Notification, 2006. As proposed it is an existing group housing project, already got Environment Clearance vide letter number HPSEIAA/F(7) Princeton Infrastructure (P) limited/2008-45-52 dated 02.04.2009. Now, Project Proponent has submitted revised layout plan, resultant in to decrease the numbers of flats from 184 to 113 along with approvals from concerned authorities. The built-up areas of the project after modernization will be 30,169.96 m² against existing built-up area 30,208.6 m². It has been

proposed that fresh water requirement will be 96 m³/day after modernization against existing 116 m³.

The Project Proponent has applied for revision of Environment clearance on dated 16.11.2016. The Project Proponent has submitted revised Form-1, Form-1A, conceptual plan, certificate of registration, essentiality certificate, NOC from I&PH department, power availability certificate dated 02.03.2016, NOC from H.P. State Electricity Board, NOC from Member Secretary HPGWA-cum-SE, Shimla-9, Solan, letter from DFO-Solan, NOC from Gram Panchayat dated 18.08.2007, drawing, STP plants, conceptual plan, compliance report, detail of air, water and noise environment etc.

The Project Proponent requested to revise his Environment Clearance according to the application proposal submitted for revision of Environment Clearance.

The case was listed in 49th meeting of SEAC, then in 54th meeting of SEAC, where SEAC decided that the case will be listed in next meeting after compliance of following observations:

- *The Project Proponent shall submit muck management plans on the basis of anticipated quantum viz-a-viz the reused/ utilized quantity and expected quantity likely to be generated from phase-3 and its disposal thereof.*
- *The proponent shall adopt a village or Panchayat to carry out the CSR activity and shall develop it as a model village/ Panchayat. An affidavit to this extent shall be furnished containing all components of implementation of different activities with costs etc.*

The Project Proponent submitted the compliance on the observations which was discussed before the committee in its 55th meeting of SEAC and committee observed that the reply was not tenable as per the observation hence asked the Project Proponent to resubmit the compliance. The case was again listed in 56th Meeting and the Project Proponent presented his case with the completed details as per the observations of Committee in 55th meeting.

After deliberating on the information & compliance submitted 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-II.

2.6 M/s Chanju-III HEP (48 MW), General Manager, Ravi & Chenab Project, Sujampur Tihra, Tehsil & Distt. Hamirpur.

Brief outline of the project:

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| a) | Proposal No. | SIA/HP/RIV/18132/2013 dated 03/01/2017 for TOR's
SIA/HP/RIV/20089/2013 dated 25/08/2017 for EC |
| b) | Project type | Category 1 (c), River Valley and Hydroelectric Projects, for Extension of TOR's. |
| c) | Project Location | Setting up of 48 MW Chanju-III Hydro Electric Project on Chanju and Mahed Nallah in District-Chamba of Himachal Pradesh. |
| d) | Capacity | 48 MW |
| f) | EMP Cost | 32.45 Crores. |

The case was appraised in 31st meeting of SEAC on 03.10.2013. The Proposal was for setting up of 48 MW Chanju-III Hydro Electric Project on Chanju and Mahed Nallah in District Chamba of Himachal Pradesh. The proponent has proposed to construct Trench Weir as diversion structure. Total land requirement for the project is indicated as 11.871 Hectares. The proposal was again placed before the Expert Appraisal Committee (SEAC) in its 32nd meeting of SEAC on dated 25th to 26th October, 2013 and recommended the proposal for consideration of Environmental Clearance as Category B1 project with fixed Terms of Reference (TORs) as per Annexure-I already approved by SEAC for the preparation of EIA/EMP studies.

The case was then listed in HP SEIAA in its 17th meeting on dated 18.11.2013 and approved TOR's fixed by the SEAC in its 32nd meeting. Then after, the Project Proponent vide their office letter number HPPCL/GM-TM&TP HEPs/RCP-E&F/K-1/2015-1613-16 dated 05.11.2015 requested to extend the validity of TOR's up to 27.11.2016. The SEAC in its 43rd meeting held on 23rd to 26th February, 2016 recommended to extend the validity of TOR's up to 27.11.2016 on the basis of Office Memorandum No. J-11013/41/2006-IA-II(I) (Part) dated 22/8/2014 of MoEF&CC.

Now, the HP SEIAA has again received the letter from General Manager, HPPCL on dated 12/01/2017 to further extend the validity of TOR's for another one year. As per the point (iv) of Office Memorandum No. J-11013/41/2006-IA-II (I) (Part), the extension of validity of TOR's for river valley and Hydro Electric Projects can be extended up to four years.

The case was listed in 50th meeting of SEAC, where SEAC recommended the extension of ToR for another one year of period with explicit condition that in future the date of extension shall be in accordance with provision of OM dated 12-01-2017. The case was again listed in 56th Meeting.

After deliberating on the information & compliance submitted 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-III.

2.7 M/s Deothal Chanju HEP (33 MW), General Manager, Ravi & Chenab Project, Sujampur Tihra, Tehsil & Distt. Hamirpur.

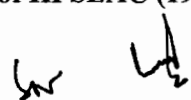
Brief outline of the project:

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|----|---------------------|---|
| a) | Online Proposal No. | SIA/HP/RIV/18581/2013 dated 16/02/2017 for TOR's
SIA/HP/RIV/20091/2013 dated 25/08/2017 for EC |
| b) | Project type | Category 1(c), River Valley and Hydroelectric Projects, for Extension of TOR's. |
| c) | Project Location | Setting up of 33 MW Deothal-Chanju Hydro Electric Project on Deothal Nallah in District Chamba of Himachal Pradesh. |
| d) | Capacity | 30 MW |
| e) | EMP Cost | 23.95 Crores |

The project was first appraised in 31st meeting of SEAC on 03.10.2013. The Proposal was for setting up of 33 MW Deothal-Chanju Hydro Electric Project on Deothal Nallah in District Chamba of Himachal Pradesh. The proponent has proposed to construct Trench Weir as diversion structure. The proposal was again placed before the Expert Appraisal Committee (SEAC) in its 32nd meeting of SEAC on dated 25th to 26th October, 2013 and recommended the proposal for consideration of Environmental Clearance as Category B1 project with fixed Terms of Reference (TORs) as per Annexure-I already approved by SEAC for the preparation of EIA/EMP studies.

The case was then listed in HP SEIAA in its 17th meeting on dated 18.11.2013 and approved TOR's fixed by the SEAC in its 32nd meeting. Then after, the Project Proponent vide their office letter number HPPCL/GM-TM&TP HEPs/RCP-E&F/K-1/2015-1613-16 dated 05.11.2015 requested to extend the validity of TOR's up to 27.11.2016. The SEAC in its 43rd meeting held on 23rd to 26th February, 2016 recommended to extend the validity of TOR's up to 27.11.2016 on the basis of Office Memorandum No. J-11013/41/2006-IA-II (I) (Part) dated 22/8/2014 of MoEF&CC, Govt. of India.

Now, the HP SEIAA has again received the letter from General Manager, HPPCL on dated 12/01/2017 to further extend the validity of TOR's for another one year. As per the point (iv) of Office Memorandum No. J-11013/41/2006-IA-II (I) (Part), the extension of validity of TOR's for river valley and Hydro Electric Projects can be extended up to four years.



The case was listed in 50th meeting of SEAC, where SEAC recommended the extension of ToR for another one year of period with explicit condition that in future the date of extension shall be in accordance with provision of OM dated 12-01-2017. The case was again listed in 56th Meeting.

After deliberating on the information & compliance submitted 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-III, The SEAC also considered and approved the revised capacity of the project from 33 MW to 30 MW.

2.8 Sh. Lachhmi Chand, M/s Naina Stone Crusher, Village-Ralpur Jakholi, P.O. Lodhimajra, Tehsil-Nalagarh, District-Solan, H.P. Pin: 174101.

Brief outline of the project:

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| a) | Online Proposal No. | SIA/HP/MIN/17452/2012 dated 19.01.2017 |
| b) | Project type | Mining of Minerals (Extraction of Sand, Stone & Bajri). |
| c) | Project Location | Khasra No. 873 (18-03 bigha), 874 (17-03 Bighas), 892/1 (7-00 Bigha), measuring 42-06 Bighas falling in Mauza & Mohal-Tikri, khasra number no. 1 Min and 1 Min (128-12 Bighas) falling in Mauza-Bohri, khasra no.1 (53-02 Bighas) falling in Mauza-Amb-dahar totaling measuring (224-00 Bighas). |
| d) | Capacity | 94,500 tons per annum. |
| e) | Mining Area | 17.92 ha, 224-00 bighas, river bed, Govt. land. |
| f) | EMP Cost | Capital Cost: Rs. 5.80 lakhs; Recurring cost: Rs. 3.60 lakhs. |
| g) | CSR Cost | Rs. 3.50 lakhs/ annum. |

The proposed project is extraction of Sand, Stone & Bajri in Luhand khad. Mining will be carried out by opencast manual method. The case has been transferred from MoEF&CC on dated 25.05.2016 as category B project. The TOR's was issued by MoEF& CC on dated 30th April, 2012.

The Project Proponent has applied on 29.09.2016. The Project Proponent has submitted EIA report, maps, list of plant species to be planted on page number 171, EMP cost on page number 177, TOR's issued by MoEF& CC dated 30th April, 2012, grant of mining lease dated 18.10.2006 (which is valid for 5 year), form-F, land revenue records, renewal of mining lease dated 05.03.2012 (which is valid for 5 year i.e. 13.12.2016), production details by Mining Officer, Solan, and counter signed by State Geologist, letter from Mining Officer dated 07th August, 2015, extension of TOR's by MoEF&CC, approval working plan dated 23.11.2013, detail of air, water and noise environment, the copy of public hearing dated 05.09.2013, detail of CSR activities, NOC from I&PH department, NOC from Gram Panchayat, mine plans, working-cum-EMP plan etc.

The case earlier was appraised at the level of MOEF&CC, GOI as Cat-A, The public hearing was conducted and detailed Environment Impact Assessment Report/ Environment Management Plan were prepared for the project as per TORs approved by the MOEF&CC, GoI. The case was there afterward transferred to SEIAA for further necessary consideration treating the case as Cat-B. The SEAC also observed that this was an admitted case of violation of EIA Notification, 2006 as per Office Memorandum of MoEF&CC dated 12.12.2012, considering the fact that the H.P. State Pollution Control Board has taken action against the unit and project proponent has submitted the fresh report, resolution that they will not repeat the violation, the project proponent has submitted the required documents the SEAC appraised the case in its 56th meeting.

After deliberating on the information & compliance submitted 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.

2.9 **Sh.Narinder Kumar, S/o Rati Ram, Prop: M/s Goyal Brothers Stone Crusher, R/o Village-Chawal, Tehsil & District-Solan, Himachal Pradesh.**

Brief outline of the project:

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|----|------------------|---|
| a) | Proposal No. | SIA/HP/MIN/65818/2017 dated 30.06.2017
HPSEIAA/2017/555 |
| b) | Project type | Extraction/collection of Sand, Stone & Bajri. |
| c) | Project Location | Khasra number 288/239/2/2/2 falling in Mauza-Mohal-Bangran,
Tehsil-Paonta Sahib, District-Sirmaur, Himachal Pradesh. |
| d) | Capacity | 96,285 TPA. |
| e) | Mining Area | 4-83 ha, (58-01 Bigha), CLUSTER CASE |
| f) | EMP Cost | Capital Cost: Rs. 0.80 lakhs; Recurring cost: Rs. 1.25 lakhs / annum |
| g) | CSR Cost | Capital Cost: Rs. 0.40 lakhs; Recurring cost: Rs. 0.50 lakhs / annum |

The proposed project is extraction of Sand, Stone & Bajri. As proposed the total mine lease area is a part of river bed of Giri river. The mining of minerals will be carried out only up to a depth of 1 m (3 feet) depth using hand tools like shovels, pan etc.

The Proposed project has submitted report on 05.09.2017 and online on dated 30.06.2017. The Project Proponent has submitted buffer map, land use & land cover map, geological maps, letter of Intent dated 27.09.2016, land revenue records, approval of mining plan dated 22.05.2017, letter from State Geologist dated 23.02.2017, site photographs, joint inspection report dated 22.03.2016, affidavit regarding water availability, list of flora and fauna dated 05.08.2017, detail of air, water and noise environment, affidavit regarding CSR activities, affidavit regarding list of species to be planted in the area, NOC from Gram Panchayat dated 29.11.2014, letter from Mining Officer dated 23.06.2017. The case was listed in 56th Meeting of SEAC.

After deliberating on the information & compliance submitted 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 subject to prior submission of following:

- The Project Proponent shall submit revised CSR activities as per the advice of the Committee.

2.10 **Sh. Supriyank Walia, Smt. Neena Goel and Smt. Meena Gupta Partner M/s Himalayan Stone Crusher, Himachal Pradesh, Mob: 09958218629.**

Brief outline of the project:

- | | | |
|----|------------------|---|
| a) | Proposal No. | SIA/HP/MIN/69355/2017 dated 14.09.2017
HP SEIAA/2017 |
| b) | Project type | Extraction/collection of Sand, Stone & Bajri. |
| c) | Project Location | Khasra number 288/239/2/2/1 falling in Mauza-Mohal-Bangran,
Tehsil-Paonta Sahib, District-Sirmaur, Himachal Pradesh. |
| d) | Capacity | 1,28,021 TPA. |
| e) | Mining Area | 6-32 ha, 75-00 Bigha (Private land) |
| f) | EMP Cost | Capital Cost: Rs. 0.4 lakhs; Recurring cost: Rs. 2.05 lakhs/annum |
| g) | CSR Cost | Capital Cost: Rs. 0.50 lakhs; Recurring cost: Rs. 0.50 lakhs/annum |

The proposed project is extraction of Sand, Stone & Bajri. As proposed the mining will be carried out only up to a depth of 1 m (3 feet), using hand tools, shovels, pan etc. As proposed the mining will be confined to the allotted lease area lies in the bed of Giri river.


The Proposed project has submitted report on 16.09.2017 and online on dated 14.09.2017. The Project Proponent has submitted buffer map, land use & land cover map, geological maps, letter of

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Intent dated 30.06.2017, land revenue records, approved mining plan dated 15.09.2017, letter from State Geologist, certificate from village revenue officer, site photographs, joint inspection report dated 30.11.2016, undertaking regarding water availability, list of flora and fauna dated 26.08.2017, list of fast growing species, detail of air, water and noise environment, affidavit regarding CSR activities, NOC from Gram Panchayat, list of species to be planted in the area. The case was listed in 56th meeting of SEAC.

After deliberating on the information & compliance submitted 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.

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


(Parveen Gupta)
Secretary, HPSEAC
Endst. No.: SEAC 56th Meeting /2017-

Dated


(Shailendra Nigam)
Chairman, HPSEAC
20/9/2017

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 (if applicable) 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 (In case of limestone mining drilling and blasting shall be carried strictly as per approved mining plan).
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., PM₁₀) 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 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 31st 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.

A. SPECIFIC CONDITIONS:

1. The water requirement for the project shall be sourced from the rainwater harvesting system developed within the premises. Water consumption shall be only for domestic purpose.
2. There shall not be any wastewater generation nor any discharge from the project activities.
3. Domestic wastewater shall be discharged into septic tank/ soak pit system.
4. The storm water drains shall be kept dry and shall not be used for discharge of any kind of waste. The project proponent shall prepare an Action Plan for the monsoon period in which the water quality flowing outside the premises shall be monitored for hydrocarbon and oil & grease parameters and its records shall be maintained & submitted to MoEF&CC regional office, Dehradun and HP SEIAA.
5. Gaseous emission at workplaces shall be controlled and kept below the limits prescribed by the Factories Act and Rules. Their records shall be maintained.
6. The gaseous emissions and particulate matter from various processes shall conform to the standards prescribed by HP State Pollution Control Board & CPCB. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the prescribed standards.
7. The unit must strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous Waste (Management and Handling) Rules 2003. Authorization from the HP SPCB must be obtained for collection / treatment /storage /disposal of hazardous wastes.
8. The project management shall strictly comply with the provisions made in Manufacture Storage and Impact of Hazardous Chemicals Rules 1989 and subsequent amendments for handling of hazardous chemicals. Necessary approvals from the Govt. Authorities shall be obtained before commissioning of the project, if applicable.
9. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act & Rules.
10. Hazardous materials storage shall be at an isolated designated location, bund/ dyke walls shall be provided for storage tanks for Hazardous Chemicals.
11. All transportation routes within the premise shall have paved roads to minimize splashes and spillages.
12. Mock drills shall be conducted at regular intervals as per statutory requirements and their records shall be maintained.
13. Necessary dyke wall along with spill collection sump shall be provided around the storage tanks to arrest the spillage/ leakage.
14. All the storage tanks in the premises shall be provided with sprinkler as per OISD norms.
15. Fire protection system shall be upgraded for the additional storage tanks installation and shall confirm to OISD standards.
16. Necessary flame proof fittings shall be provided in the storage facility.
17. Proper ventilation shall be provided in the whole premises.
18. All venting equipment shall have vapour recovery system. All the pumps and other equipments where there is a likelihood of leakages shall be provided with Leak Detections and Repair (LDAR) system. Provisions for immediate isolation of such equipment in case of a leakage shall also be made. The detector sensitivity shall be in ppm levels.
19. All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Close handling system for chemicals shall be provided. Double mechanical seals shall be provided for pumps /agitators for reactors for reduction of fugitive emissions and leakages. Traps shall be installed wherever necessary.
20. During material transfer, spillages shall be avoided and garland drain be constructed to avoid mixing of accidental spillages with domestic waste and storm water drain.
21. Personal Protective Equipment shall be provided to workers and its usage shall be ensured and supervised.
22. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity at all the times.
23. Training shall be given to all personnel on safety and health aspects of handling petroleum products including regular mock drills.

24. Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act and Rules. Pre-employment and periodical medical examination for all workers shall be undertaken as per statutory requirement.
25. The project management shall prepare a detailed Disaster Management Plan (DMP) for the project as per the guidelines from Himachal Pradesh State Disaster Management Authority and other concerned agencies.
26. On site Emergency Control Plan and Off Site Emergency Plan shall be updated and its recommendation shall be implemented.
27. Design of the storage tanks shall be done in accordance with the applicable OISD, IS, API, ASME standards.
28. Necessary permissions from the Chief Controller of Explosive-Nagpur and other relevant Government Agencies shall be taken prior commencement of the project.
29. Ambient air quality status with respect to VOC in the area shall be monitored in consultation with Himachal Pradesh State Pollution Control Board and its records shall be submitted to MoEF&CC regional office, Dehradun and HP SEIAA.
30. First Aid Box, fire extinguishers, foams, sand etc. shall be made readily available in adequate quantity at all the times. Necessary tie up with the nearby fire stations and other emergency services shall be made to ensure that the required aids reach within the shortest possible time in case of any adverse conditions.
31. The unit shall undertake following waste minimization measures:
32. Use of automated and close filling to minimize spillages.
33. Venting equipment through vapour recovery system.
34. The company shall develop a plot area as green belt as per the CPCB guidelines to mitigate the effect of fugitive emissions and shall plant indigenous tree species.
35. The proponent shall adopt appropriate plan to contain escape of VOC.
36. The proponent shall adopt appropriate plan to prevent ground water contamination.
37. Appropriate plan to prevent probable impact on human habitat in the event of fire hazards shall be put in place.
38. The project authorities shall undertake intensive awareness program among those living at the vicinity of the project site with regard to emergency safety plan.

B. GENERAL CONDITIONS:

1. The project authorities must strictly adhere to the stipulations made by the Himachal Pradesh State Level Environment Impact Assessment Authority (HP SEIAA) and the State Government.
2. The Proponent shall obtain the construction material such as stones and jelly etc. only from the approved quarries and other construction material shall also be procured from the authorized agencies/traders.
3. The proponent shall obtain approval from the competent authorities for structural safety of the building due to earthquake, adequacy of fire-fighting equipment etc. as per the National Building Code (NBC) including protection measures for lightening etc.
4. No further expansion or modification in the project shall be carried out without prior approval of the Himachal Pradesh State Level Environment Impact Assessment Authority (HP SEIAA). In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
5. The emissions of (RSPM, SPM, SO₂, NO_x, HC & VOC) from DG Set and from flare stack shall conform to the standards prescribed by the HP State Pollution Control Board & CPCB. Regular monitoring of Ambient Air for HC and VOC shall be carried out as per CPCB guidelines. Stack height attached to DG sets shall be in-conformance with the environment protection acts and rules.
6. The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous chemicals Rules, 1989 as amended subsequently. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained, wherever applicable.
7. The project authorities must strictly comply with the rules and regulation with regard to handling and disposal of Hazardous Wastes (Management and Handling) Rules, 1989 and subsequent amendments as applicable. Authorization from the Himachal Pradesh State Pollution Control Board must be obtained for collections/ treatment/ storage/ disposal of hazardous wastes.

8. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989.
9. A separate Environmental Management Cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.
10. The project authorities will provide adequate funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA, Himachal Pradesh as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purposes.
11. The Regional Office of this MoEF&CC at Dehradun, Himachal Pradesh State Level Environment Impact Assessment Authority and other concerned agencies will monitor the stipulated conditions. A half yearly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.
12. The project proponent shall inform the public that the project has been accorded environmental clearance by the HP SEIAA and copies of the clearance letter are available with the HP SEIAA and may also be seen at State of Himachal Pradesh web portal at <http://environmentclearance.nic.in/>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional Office of MoEF at Dehradun & H.P. State Level Environment Impact Assessment Authority at Department of Environment, Science & Technology, Himachal Pradesh.
13. The project authorities shall inform the Regional Office of MoEF at Dehradun & H.P. State Level Environment Impact Assessment Authority at Department of Environment, Science & Technology, Himachal Pradesh about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
14. The Authority may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15. The Authority reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner will implement these conditions.
16. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management & Handling) Rules, 1989, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
17. The issue of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining statutory clearances/ sanctions from all other concerned Authorities.
18. The project proponent should display the conditions prominently at the entrance of the project site on a suitable size board for the information of the public.
19. Concealing factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.
20. 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 Authority Act, 1997.

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 arrangements for safe disposal of waste water and solid waste generated during the construction phase shall be ensured.
6. All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
7. 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.
8. 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.
9. Construction spoils including bituminous material and other hazardous materials including oil from construction equipments must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water. If necessary, oil trap should be installed where there is deployment of heavy machineries.
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.
11. 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.
12. 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.
13. 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.
14. 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, SO₂ and NO_x) 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.
15. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and 2003 in case the project site falls within 100 KM distance of Thermal Power Stations.
16. Use of Ready-Mix concrete is recommended for this project.
17. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices and technologies available.
18. The approval of the Competent Authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
19. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
20. 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. "Consent to Operate" 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. 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-cum-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.
3. 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.
4. 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.
5. Noise 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.
6. Necessary arrangements for rain water harvesting for roof run-off and surface run-off should be made.
7. 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.
8. A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials and technologies, R&U Factors etc. and submitted to the SEIAA.
9. Energy conservation measures like installation of CFLs/ TFLs 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.
10. Adequate steps should be taken to prevent odour problem from solid waste processing site and STP.
11. 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. Bio-monthly Environment Monitoring Reports should be submitted to the SEIAA and MoEF&CC, 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 should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to the State Authority Should be forwarded to the Regional Office of MoEF, Dehradun.
4. A complete set of all the documents submitted to the State Authority should be forwarded to the Regional Office of MoEF&CC, Dehradun.
5. In the case of any change (s) in the scope of the project, the project would require a fresh appraisal by this Authority.
6. 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.

7. All other statutory clearances shall be obtained, as applicable by the project proponents.
8. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and Environment Impact Assessment Notification, 2006.
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.

Part-C- Special Conditions:

1. The Project Proponents shall release 15% minimum water discharge as per State Government policy. The Project Proponent would also install online flow measurement instruments for measuring discharge.
2. The Project Proponent shall carry out and submit study on Ecological Flows w.r.t. release of water for maintenance of ecological needs for the D/S affected areas of the project within one year period. The Project Proponent would also regulate minimum release of water based on the study but it would not be less than Government of Himachal Pradesh Policy.
3. The Project Proponent shall not allow the workers for extraction of fuel wood from nearby by forest land area.
4. The Project Proponent shall regularly monitor their Carbon footprints and would strive to be carbon neutral. The Carbon Balance sheet be submitted to Authority from time to time.
5. It shall be responsibility of the Project Proponent to obtain all the requisite approvals/ clearances/ NOCs as may be applicable to the project from competent authorities under different Acts/ Rules/ Regulation/ Order etc.
6. The construction material such as Grit/ Bajri, Sand shall be obtained from the competent authorized dealers/ suppliers only and no illegal mining etc. shall be caused/ resorted to.
7. The project proponent shall not undertake any tree felling without statutory clearance under Forest Conservation Act, 1980 from MoEF&CC, GoI and the tree felling shall be done by the HP State Forest Corporation as per the set procedure/ guidelines.
8. The lying of transmission lines shall not be part of present Environment Clearance.
9. The Project authorities shall increase the height of retaining structures by at least 1-2 mtrs above to filled/ dumping line by ensuring the sustainability of retaining structure from civil engineering i.e. horizontal and vertical stability point of view as well. The angle of repose shall not exceed 30 degree.
10. No muck disposal sites shall be located near the river/ nallah bank and shall maintain a vertical distance of more than 10 meters from river bank. The Project Proponent shall submit an affidavit to this account.
11. The Project Proponent shall raise the muck retaining walls on muck disposal sites before start of dumping in those sites.
12. The Project Proponent shall submit the details on quantum of generation of muck on monthly basis, its reuse and dumped, on a proper format for all the approved sites separately during the construction phase.
13. The Project Proponents shall also ensure that the reclamation works are undertaken immediately after the complete filling of the muck disposal site.
14. It shall be ensured that disposal of muck including excavated material during construction phase shall not create any adverse effects on the neighboring communities and it would be disposed off only after taking the necessary precautions for general safety and health aspects of public.
15. All the topsoil excavated during construction activities shall be stored for use in reclamation works, horticulture, landscape development etc. within the Project site.
16. The Project Proponent shall develop the muck dumping areas as village utility areas.
17. The diesel generator sets during construction phase shall have proper acoustic enclosures and should conform to the provisions of Environment (Protection) Act, 1986 and Rules framed there under for air and noise emission standards. The low sulphur grade diesel would be used for DG sets.
18. The Developer shall ensure that the vehicles/ equipment deployed during construction phase are in good condition and conform to air and noise emission standards and should have vehicle pollution check certificate from authorized agency.

19. The traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. The Developer shall ensure that parking is fully internalized as per norms prescribed by the competent authority and no public space is used for this purpose.
20. It shall be the responsibility of Project Proponent to ensure that the qualitative and quantitative aspects of CAT plan implementation are achieved and documented and to also ensure that CAT plan addresses the issue associated w.r.t. D/S affected areas as well.
21. It is also advised that bio-engineering aspects may also be incorporated/ exercised during the implementation of CAT plan.
22. The silt disposal from de-silting chambers shall be addressed adequately. No silt flushing shall be done during the leas season.
23. The LADC cost of total project cost shall not be the part of EMP.
24. The PP shall perform to achieve the targets, actions as shown in the EIA Report EIA/ EMP matrix w.r.t. baseline data, probable incremental pollution load and also as elaborated in the matrix w.r.t. component of activity, resultant pollution, mitigation action plan for during the post construction phases given in EIA/ EMP Report.
25. The Project Proponent shall establish effective Environment Monitoring Cell during the construction phase itself.
26. The Proponent shall consult the local office of the Department of Forests or any other such authorized agency, university, institution for types of trees which should be planted for development of the green belt around the project site.
27. The Project Proponent shall provide fuel facility to the labour to avoid any illegal access to the forests by the the laborers for fuel wood. Provision should be made for the supply of kerosene or cooking gas/ pressure cooker to the laborers during construction phase.
28. The PP shall construct and provide toilets for use of laborer in the ratio of 1:20 (i.e. one toilet for twenty labourers).
29. The PP shall ensure proper handling of the municipal wastes, dispose off the non-biodegradable waste including biomedical wastes, if any, in a scientific manner; dispose hazardous wastes such used CFL etc. at the designated authorized hazardous wastes dumping site at TSDF Nalagarh. The PP shall also explore option for buy back mechanism for the waste CFL.
30. The PP shall reduce the number and capacity of DG sets as proposed and shall meet the requirement out of non-conventional sources of energy.
31. The PP shall undertake construction and development of STP during construction period and shall submit progress report of same to the Authority.
32. The PP shall undertake air quality monitoring during construction period/ phase on monthly basis besides ensuring that the ambient air quality is maintained and monitored at the project site during the construction phase.
33. During the construction phase, the PP shall ensure that water sprinkling is done for preventing the dust/ air pollution.
34. A separate energy meter shall be installed for STP and log book shall be maintained on energy consumption. Interlocking of electric supply to STP and housing complex shall be ensured by the PP.
35. The PP shall submit photographs and video of the project progress during the construction phase at lease three times, and once after operational stage.
36. The PP shall make all necessary arrangements for solid waste management viz; collection, segregation, transportation to the site and final disposal. The SWM and waste water management shall be the sole responsibility of the Developer.
37. The design of STP and waste management facilities as proposed by the developer shall be installed as proposed, failing which he shall be liable of legal action. It shall be sole responsibility of Developer to operate and maintain the STP.
38. The PP will plant the species of various types which are endemic to area and have high carbon sequestering potential.
39. Street lighting should be energy efficient-use of High Pressure Sodium Vapour (HPSV) lamps and CFL/LEDs should be promoted. Solar energy may be used for heating and outdoor lighting.
40. The solar lights shall be used for the street lighting.