

# **State Level Environment Impact Assessment Authority**

### 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. HPSEIAA/2008/22/Vol-IX/48th Meeting/

Dated:

19/4/2020

PROCEEDINGS OF 48th MEETING OF SEIAA, HIMACHAL PRADESH, HELD UNDER THE CHAIRPERSONSHIP OF SH. BAL RAM SHARMA, IAS (RETD.) ON 19th JUNE, 2020.

#### ITEM NO. 1:

Confirmation of the Minutes of the 47th meeting on 22nd May, 2020.

The Authority was appraised that all the decision taken in 47th meeting were complied and there were no additional comments on minutes, hence, the minutes of meetings of HPSEIAA were confirmed.

ITEM NO. 2: Cases recommended for Environment Clearance by SEAC in 73rd Meeting held w.e.f. 8-10 June, 2020.

Sh. Satish Kumar & Sh. Kamal Kumar Sharma, M/s Mahavir stone Crusher, Village & Post 2.1 Office-Takarla, Tehsil-Amb, District-Una, Himachal Pradesh.

Brief outline of the project:

a) Proposal No.	SIA/HP/MIN/41167/2019 dated 07.09.2

HP SEIAA/2019-656

b)	Project type	Extraction/collection of Sand, Stone & Bajri
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c) **Project Location** Khasra number 2156/260, 261, 2155/260, 284, 285, 286, 287,

288, 349, 350, 351, 352, 376 & 379 falling in Mauza &

019

Mohal-Saluni, Tehsil-Amb, District-Una, H.P.

d) Jamabandi Jamabandi for the year 2013-2014

Land Status Leased land e)

3, 97,575 MT for the leased period of five years. f) Capacity

3-72-96 hectare, Pvt. Land. g) Mining Area

Leases with in 500 meter h) No mining leases exist within 500 meters.

from the periphery of the area applied.

Extension of LOI issued on 23.12.2019, valid for one year i) Letter of Intent

(valid up to 17.09.2019 to 16.09.2020)

EMP Cost Capital Cost: Rs. 1.0 lakhs; Recurring cost: Rs. 0.55 lakhs PA j)

k) CER cost Capital Cost: Rs. 1.50 lakhs; Recurring cost: Rs. 0.15 lakhs PA

The project is proposed for extraction of sand stone and bajri. The project is river bed mining of Sand, Stone and Bajri from Swan river a tributary of Satluj river through manual method.

The online proposal for granting Environment Clearance submitted on dated 14/8/2019 was accepted by SEIAA secretariat on dated 11/09/19 and forwarded to SEAC secretariat. The hard copy submitted by the PP on dated 07/09/2019 for technical appraisal by the SEAC.

The case was appraised by SEAC in its 68<sup>th</sup> Meeting with the following observations:

- 1) The project proponent shall submit the valid letter of intent.
- 2) The Committee will conduct field visit to inspect the site to verify the facts of the proposed mining area and submit its report for further decision.
- 3) The project proponent shall submit silt/muck management plan with Khasra numbers.
- 4) The project proponent shall submit original copy of Jamabandi / revenue record with tatima.



- 5) The project proponent shall submit the site photographs depicting boundary pillars and geo coordinates.
- 6) The project proponent shall submit recent NOC of the gram panchayat.
- 7) The project proponent shall resubmit cross section map.
- 8) The project proponent shall submit the certificate of legal source of water.
- 9) The project proponent shall submit the certificate from the DFO indicating the list of flora & fauna of the mining area.
- 10) The project proponent shall submit the revised EMP with costs raised to 10.50 lakhs for different components for five years.
- 11) The project proponent shall submit the proper plantation plan with the consent of the authority (school & Panchayat) with proper demarcation of khasra numbers where plantation has been proposed.
- 12) The project proponent shall provide one Pattal & Duna making machines as part of CER activity adding cost of Rs. 1.00 lakhs. The PP shall also include cost of Rs. 15000/- per year for imparting trainings for operating the machine to self help groups.
- 13) The project proponent shall submit the clarification regarding ambiguity in the mining plan w.r.t. calculation of mining reserve, man power, labour, total truck/trips used for carrying out the mining material etc.

The case was again appraised by SEAC in its 73<sup>rd</sup> meeting after receiving the compliance on dated 23.03.2020. 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 with the following additional conditions:

- 1) The project proponent shall provide one *Pattal & Duna* making machines in consultation with Department of Environment, Science & Technology, Shimla & provide trainings to the local Mahila Mandal/ Self Help Group or identify, adopt existing traditional *dona/pattal* makers in the district for forming Self Help Group & shall provide a machine as part CER activity. The PP shall also impart trainings for operating the machine as part CER activity.
- 2) The project proponent shall provide 4 solar lights in the nearby village(s) of the project area and shall mark the solar lights with "Donated under CER activity by the project proponent".
- 3) The project proponent shall submit report on findings of the replenishment study of the mining area within one year of time from the operationalization of mining.
- 4) The project proponent shall undertake mining activities manually only.
- 5) The mining lease holders shall, after ceasing mining operations, undertake regressing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

After deliberating on the recommendations of SEAC, the SEIAA approved the grant of Environment Clearance in favour of the Unit stipulating the recommended conditions with the following additional conditions:

- 1. The project proponent shall include to plant variety of wild fruit plants as may be suitable to the area viz. wild peach, pear, guava, shehtoot i.e. 15 plants each (minimum 50 plants) under the plantation plan proposed in the EMP. The SEIAA secretariat shall monitor the plantation on yearly basis. The photo monitoring verification will be carried out by the SEIAA & SEAC by developing a suitable system.
- 2.2 Sh. Ashish Kumar, S/o Sh. Ved Prakesh, House no. 190, Ward No. 8, Tehsil & District-Hamirpur, H.P.

### Brief outline of the project:

a) Proposal No.

SIA/HP/MIN/148342/2020

HP SEIAA/2020-729

b) Project type

Extraction/collection of Sand, Stone & Bajri.

c) Project Location

Khasra number 400 (26-02 kanals), 461 (12-04 kanals), 467 (11-13 kanals), 462 (00-18 kanals) and 457/2 (08-09 kanals) falling

Proceedings 48th Meeting of SEIAA (19th June 2020): 2



in Tika Tikker, Mauza Chabutra, Tehsil-Sujanpur, District-Hamirpur, HP. Jamabandi Jamabandi for the year 2015-2016 Land Status Private Land and GPA. Capacity 1,65,250 MT for the period of five years. Mining Area 2-27-68 ha, 59-06 kanals, Private land. Leases with in 500 meter No mining lease exist within 500 meter radius from the from the periphery of the periphery of the area applied. area applied. Letter of Intent Extension of LOI dated 19.05.2020, valid for two year (valid from 02.02.2020 to 01.02.2021) **EMP Cost** Capital Cost: Rs. 10.5 lakhs; Recurring cost: Rs.2.00 lakhs PA

Capital Cost: Rs. 1.00 lakhs; Recurring cost: Rs.0.50 lakhs PA

The project is proposed for extraction/collection of Sand, Stone & Bajri. The mining will be carried out manually from Pung khad.

Online proposal for granting Environment Clearance was submitted on dated 11/03/2020 and accepted by the SEIAA secretariat on dated 27/05/2020 and forwarded to SEAC secretariat. The SEAC secretariat further accepted the proposal after scrutinizing the hard copy submitted by the project proponent on dated 23/03/2020 for technical appraisal by SEAC.

The case was appraised by SEAC in its 73<sup>rd</sup> Meeting. 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 with the following additional conditions:

- 1) The project proponent shall provide one *Pattal & Duna* making machines in consultation with Department of Environment, Science & Technology, Shimla & provide trainings to the local Mahila Mandal/ Self Help Group or identify, adopt existing traditional *dona/pattal* makers in the district for forming Self Help Group & shall provide a machine as part CER activity. The PP shall also impart trainings for operating the machine as part CER activity.
- 2) The project proponent shall provide 4 solar lights in the nearby village(s) of the project area and shall mark the solar lights with "Donated under CER activity by the project proponent".
- 3) The project proponent shall submit report on findings of the replenishment study of the mining area within one year of time from the operationalization of mining.
- 4) The project proponent shall carry out mining activities manually only.
- 5) The mining lease holders shall, after ceasing mining operations, undertake regressing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

After deliberating on the recommendations of SEAC, the SEIAA approved the grant of Environment Clearance in favour of the Unit stipulating the recommended conditions with the following additional conditions:

- 1. The project proponent shall include to plant variety of wild fruit plants as may be suitable to the area viz. wild peach, pear, guava, shehtoot i.e. 15 plants each (minimum 50 plants) under the plantation plan proposed in the EMP. The SEIAA secretariat shall monitor the plantation on yearly basis. The photo monitoring verification will be carried out by the SEIAA & SEAC by developing a suitable system.
- 2.3 Sh. Mohan Singh, S/o Sh. Bir Singh, Prop. M/s Jai Mata Stone Crusher, Village-Nawan Grawn, P.O. Jhajra, Tehsil-Nalagarh, District-Solan, H.P.



d)

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j)

k)

CER cost

#### Brief outline of the project:

Proposal No. SIA/HP/MIN/41044/2019 HP SEIAA/2019-651 b) Project type Extraction/collection of Sand, Stone & Bajri.

c) Project Location Khasra number 45, 46, 47, 48 & 49 falling in Mauza Chak, Tehsil

Nalagarh, District Solan, H.P.

d) Jamabandi Jamabandi for the year 2012-2013

Land Status Leased land

f) Capacity 1,48,140 MT for the period of five years.

Mining Area g) 1-2605 ha., 16-15 Bigha (Private land, hill slope)

Leases with in 500 meter No mining leases exist within 500 meters. from the periphery of the

area applied.

i) Letter of Intent Lol issued on 16.08.2018, extension of Lol issued on

dated 29.07.2019 and (valid up to 15.08.2020)

**EMP Cost** Capital Cost: Rs. 0.75 lakhs; Recurring cost: Rs. 1.5 lakhs PA

k) CER cost Capital Cost: Rs. 1.75 lakhs; Recurring cost: Rs. 0.05 lakhs PA

The project is proposed for extraction of sand, stone and bajri. The mining lease area is private land and is a hill slope mining project. The mining will be carried out manually and JCB will be used only for loading of minerals.

Online proposal for granting Environment Clearance was received on dated 11/08/2019 and accepted by the SEIAA secretariat on dated 11/09/2019 and forwarded to SEAC secretariat. The SEAC secretariat further accepted the proposal after scrutinizing the hard copy submitted by the project proponent on dated 22.08.2018 for technical appraisal of SEAC.

The case was deferred by the SEAC in 69th meeting due to inadequate presence of SEAC members. The case was again appraised in 70<sup>th</sup> meeting of the SEAC with following observations:

1. The project proponent shall submit land use map and other characteristics of 5 km buffer area from the mining site.

The project proponent shall provide complete year wise details of availability of mineral for calculating the project capacity as 29,640 TPA including waste generation.

3. The project proponent shall submit NOC from the Ground Water Authority regarding availability and drawing of ground water for mining purpose.

The project proponent shall revise the mining plan and other technical details in view of the fact that the photographs and KML file presented before the SEAC were not matching and depicting the mining site as hill slope. The land shown in photographs was flat land and not a hill slope.

5. The project proponent shall submit the wider view photographs and video of the mining site using drone camera from all angles depicting the entire picture of the mining site.

6. The project proponent shall resubmit the detailed EMP, including the provision of providing Dona/Pattal making machine to the self help group with budgetary provisions.

7. The project proponent shall submit after consulting the local community a status note on requirement of people need based under CER.

The project proponent had submitted the compliance to the observations laid by SEAC on dated 18.03.2020. The case was again appraised in 73rd meeting of the SEAC. After deliberating on the information & compliance 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 with the following additional conditions:

1. The project proponent shall provide one Pattal & Duna making machines in consultation with Department of Environment, Science & Technology, Shimla & provide trainings to the local Mahila Mandal/ Self Help Group or identify, adopt existing traditional dona/pattal makers in the district for forming Self Help Group & shall provide a machine as part CER activity. The PP shall also impart trainings for operating the machine as part CER activity.

- 2. The project proponent shall provide furniture and utensils to the concerned Mahila Mandal/ SHG as per undertaking.
- 3. The project proponent shall provide 2 solar lights in the nearby village(s) of the project area and shall mark the solar lights with "Donated under CER activity by the project proponent".
- 4. The project proponent shall carry out mining manually and JCB will be used only for loading of minerals.
- 5. The project proponent shall, after ceasing mining operations, undertake-re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

After deliberating on the recommendations of SEAC, the SEIAA approved the grant of Environment Clearance in favour of the Unit stipulating the recommended conditions with the following additional conditions:

- 1. The project proponent shall include to plant variety of wild fruit plants as may be suitable to the area viz. wild peach, pear, guava, shehtoot i.e. 15 plants each (minimum 50 plants) under the plantation plan proposed in the EMP. The SEIAA secretariat shall monitor the plantation on yearly basis. The photo monitoring verification will be carried out by the SEIAA & SEAC by developing a suitable system.
- 2.4 Sh. Muni Lal, S/o Sh. Jageshwar Ram, Village & Post Office- Kathyaun, Tehsil-Balh, District-Mandi, H.P.

### Brief outline of the project:

a) Proposal No. SIA/HP/MIN/45691/2019 HP SEIAA/2019-684

b) Project type Extraction/collection of Stone.

c) Project Location Khasra number 666/2 falling in Mauza & Mohal-Kathyaun,

Tehsil-Balh, District-Mandi, H.P.

d) Jamabandi Jamabandi for the year 2016-2017

e) Land Status Leased land.

f) Capacity 36,903 MT for the period of five years. g) Mining Area 04-05-16 Bighas, 0.3471 ha, Pvt. Land.

h) Leases with in 500 meter from the periphery of the area applied.

No mining lease exist within 500 meter radius from the periphery of the area applied.

i) Letter of Intent LOI dated 15.01.2019 valid for one year

(up to 14.01.2020) & extension of LOI dated 09.03.2020

valid up to 15.01.2021

j) EMP Cost
 k) CER cost
 Capital Cost: Rs. 1.25 lakhs; Recurring cost: Rs. 1.5 lakhs PA
 Capital Cost: Rs. 1.50 lakhs; Recurring cost: Rs. 0.05 lakhs PA

The project is proposed for extraction/collection of Stone. The lease area is a part of hill slope and the mining will be done by manually.

Online proposal for granting Environment Clearance was submitted on dated 31/10/2019 and accepted by the SEIAA secretariat on dated 26/12/2019 and forwarded to SEAC secretariat. The SEAC secretariat further accepted the proposal after scrutinizing the hard copy submitted by the project proponent on dated 13/11/2019 for technical appraisal of SEAC.

The case was appraised in 73<sup>rd</sup> meeting of the 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 with the following additional conditions:

1) The project proponent shall provide one *Pattal & Duna* making machines in consultation with Department of Environment, Science & Technology, Shimla & provide trainings to the local Mahila Mandal/ Self Help Group or identify, adopt



existing traditional *dona/pattal* makers in the district for forming Self Help Group & shall provide a machine as part CER activity. The PP shall also impart trainings for operating the machine as part CER activity.

- 2) The project proponent shall provide 2 solar lights in the nearby village(s) of the project area and shall mark the solar lights with "Donated under CER activity by the project proponent".
- 3) The project proponent shall carry out mining manually.
- 4) The project proponent shall, after ceasing mining operations, undertake-re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

After deliberating on the recommendations of SEAC, the SEIAA approved the grant of Environment Clearance in favour of the Unit stipulating the recommended conditions with the following additional conditions:

- 1. The project proponent shall include to plant variety of wild fruit plants as may be suitable to the area viz. wild peach, pear, guava, *shehtoot* i.e. 15 plants each (minimum 50 plants) under the plantation plan proposed in the EMP. The SEIAA secretariat shall monitor the plantation on yearly basis. The photo monitoring verification will be carried out by the SEIAA & SEAC by developing a suitable system.
- 2.5 Smt. Roshni Devi, late Sh. Hukam Ram, Prop. M/s Thakur Ruhani Stone Crusher, Village-Nayagram, PO-Jhajra, Tehsil-Nalagarh, District-Solan, H.P.

#### Brief outline of the project:

Dile	a outline of the project:	
a)	Proposal No.	SIA/HP/MIN/41104/2019
	Control of the Common Action Commonwealth	HP SEIAA/2019-649
b)	Project type	Extraction/collection of Sand, Stone & Bajri
c)	Project Location	Khasra number 353, 354, 355, 356, 358, 359 & 360 falling in
	5-9-9-0-0-7-0-1-4-7-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	Mauza -Deoli, Tehsil-Nalagarh, District-Solan, H.P.
d)	Jamabandi	Jamabandi for the year 2014-2015
e)	Land Status	Leased land
f)	Capacity	2,16,500 MT for the period of five years.
g)	Mining Area	2.9799 ha, 39-12 Bigha (Private land, hill slope)
h)	Leases with in 500 meter	No mining leases exist within 500 meters.
175	from the periphery of the	<del>-</del> 1
	area applied.	
i)	Letter of Intent	LOI issued on 16.08.2018, extension of LOI issued and
150		(valid up to 15.08.2020)
j)	EMP Cost	Capital Cost: Rs. 0.75 lakhs; Recurring cost: Rs. 1.5 lakhs PA

The project is proposed for extraction of stone, sand and bajri. The entire stretch of mining lease area is private land which is a hill slope mining project. The mining will be carried out manually and JCB will be used only for loading of minerals.

Online proposal for granting Environment Clearance was submitted on dated 13/08/2019 and accepted by the SEIAA secretariat on dated 11/09/2019 and forwarded to SEAC secretariat. The SEAC secretariat further accepted the proposal after scrutinizing the hard copy submitted by the project proponent on dated 22/08/2018 for technical appraisal of SEAC.

The case was listed in 71<sup>st</sup> meeting of the SEAC, but, the project proponent did not appear before the Committee, therefore, the Committee decided to defer the case.

The case was again appraised in 73<sup>rd</sup> meeting of the 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 with the following additional conditions:



k)

CER cost

Capital Cost: Rs.0.90 lakhs; Recurring cost:Rs. 0.05 lakhs PA

- 1) The project proponent shall provide one *Pattal & Duna* making machines in consultation with Department of Environment, Science & Technology, Shimla & provide trainings to the local Mahila Mandal/ Self Help Group or identify, adopt existing traditional *dona/pattal* makers in the district for forming Self Help Group & shall provide a machine as part CER activity. The PP shall also impart trainings for operating the machine as part CER activity.
- 2) The project proponent shall provide 2 solar lights in the nearby village(s) of the project area and shall mark the solar lights with "Donated under CER activity by the project proponent".
- The project proponent shall carry out mining manually and JCB will be used only for loading of minerals.
- 4) The project proponent shall, after ceasing mining operations, undertake-re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

After deliberating on the recommendations of SEAC, the SEIAA approved the grant of Environment Clearance in favour of the Unit stipulating the recommended conditions with the following additional conditions:

- 1. The project proponent shall include to plant variety of wild fruit plants as may be suitable to the area viz. wild peach, pear, guava, *shehtoot* i.e. 15 plants each (minimum 50 plants) under the plantation plan proposed in the EMP. The SEIAA secretariat shall monitor the plantation on yearly basis. The photo monitoring verification will be carried out by the SEIAA & SEAC by developing a suitable system.
- 2.6 Sh. Ram Sawroop, S/o Sh. Amar Chand, Prop. M/s Changer Stone Crusher, Village-Androla Uperla, P.O. Panjehra, Tehsil-Nalagarh, District-Solan, H.P.

#### Brief outline of the project:

a) Proposal No. SIA/HP/MIN/41077/2019 HP SEIAA/2019-650

b) Project type Extraction/collection of Sand, Stone & Bajri

c) Project Location Khasra number 112/104/9 & 8 falling in Mauza -Palasra Kalu,

Tehsil-Nalagarh, District-Solan, H.P. Jamabandi for the year 2013-2014

d) Jamabandi Jamabandi for the y e) Land Status Private Land

f) Capacity 2,61,715 MT for the period of five years.

g) Mining Area 1.0949 ha, 14-11 Bigha (Private land, hill slope)

h) Leases with in 500 meter
from the periphery of the

No mining leases exist within 500 meters.

i) Letter of Intent LOI issued on 01.08.2018, extension of LOI issued on dated 05.08.2019 and (valid up to 31.07.2020)

j) EMP Cost Capital Cost: Rs. 0.75 lakhs; Recurring cost: Rs. 1.5 lakhs PA Capital Cost: Rs. 0.90 lakhs; Recurring cost: Rs. 0.05 lakhs PA

The project is proposed for extraction of stone, sand and bajri. The entire stretch of mining lease area is Private land which is a hill slope mining project. The mining will be carried out in semi-mechanized way and JCB will be used only for loading of minerals.

Online proposal for granting Environment Clearance was submitted on dated 12/08/2019 and accepted by the SEIAA secretariat on dated 11/09/2019 and forwarded to SEAC secretariat. The SEAC secretariat further accepted the proposal after scrutinizing the hard copy submitted by the project proponent on dated 22/08/2018 for technical appraisal of SEAC.

The case was listed in 71<sup>st</sup> meeting of the SEAC, but, the project proponent did not appear before the Committee, therefore, the Committee decided to defer the case.



The case was appraised in 73<sup>rd</sup> meeting of the 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 with the following additional conditions:

- 1) The project proponent shall provide one *Pattal & Duna* making machines in consultation with Department of Environment, Science & Technology, Shimla & provide trainings to the local Mahila Mandal/ Self Help Group or identify, adopt existing traditional *dona/pattal* makers in the district for forming Self Help Group & shall provide a machine as part CER activity. The PP shall also impart trainings for operating the machine as part CER activity.
- 2) The project proponent shall provide 2 solar lights in the nearby village(s) of the project area and shall mark the solar lights with "Donated under CER activity by the project proponent".
- The project proponent shall carry out mining manually and JCB will be used only for loading of minerals.
- 4) The project proponent shall, after ceasing mining operations, undertake-re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

After deliberating on the recommendations of SEAC, the SEIAA approved the grant of Environment Clearance in favour of the Unit stipulating the recommended conditions with the following additional conditions:

- 1. The project proponent shall include to plant variety of wild fruit plants as may be suitable to the area viz. wild peach, pear, guava, *shehtoot* i.e. 15 plants each (minimum 50 plants) under the plantation plan proposed in the EMP. The SEIAA secretariat shall monitor the plantation on yearly basis. The photo monitoring verification will be carried out by the SEIAA & SEAC by developing a suitable system.
- 2.7 Smt. Kalpana Devi, W/o Vijay Kumar, Prop. M/s Kathla Mata Stone Crusher, VPO. Tiara, Tehsil & District-Kangra, H.P. 176 208.

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J. Or	120
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k)

CER cost

Brief o	outline of the project:	
a)	Proposal No.	SIA/HP/MIN/29469/2018 dated 08.10.2018 (TOR's) SIA/HP/MIN/45772/2018 dated 04.11.2019 (EC) HP SEIAA/2018/595
b)	Project type	Extraction of Sand, Stone & Bajri
c)	Project Location	Khasra number 431/2 (New No. 476/431) and 432/7 (New No. 484/432) falling in Muaza-Jaisinghpur, Mohal Bag Kulja of Tehsil-Jaisinghpur, District-Kangra, H.P.
d)	Jamabandi	2014-15
e)	Land Status	Private land
f)	Capacity	5,01,975 MT for the period of five years.
g)	Mining Area	08-73-22 hectare along Beas river.
h)	Leases with in 500 meter from the periphery of the area applied.	There are three other mining leases exists in 500 meter from the periphery of the proposed mining site as per the certificate issued by Office of Mining Officer, Deptt. of Industries, HP vide No. Udyog (Bhu)KGR-(JSP-Kalpna Devi)
i)	Letter of Intent	Letter of Intent valid upto 28-3-2020 as per Lol extension letter issued vide Udyog-Bhu(Khani)Laghu-75/2015 dated 4/7/2019.
j)	EMP Cost	Capital Cost: Rs. 5.0 lakhs; Recurring cost: Rs. 3.8 lakhs PA

Capital Cost: Rs. 1.0 lakhs; Recurring cost: Rs. 0.06 lakhs PA

The project is proposed for extraction of Sand, Stone & Bajri from river bed of Beas river passing through in Mohal Bag Kulja Mauja -Jaisinghpur, District-Kangra, H.P. The mining will be carried out only up to a depth of 1 m (3 feet) depth suing hand tools like shovel, pan etc.

Online proposal for granting TOR's was submitted on dated 08/10/2018 and accepted by the SEIAA secretariat on dated 29/10/2018 and forwarded to SEAC secretariat. The SEAC secretariat further accepted the proposal on dated 28/11/2018 after scrutinizing the hard copy submitted by the project proponent and forwarded to SEIAA on 28/12/2018 and TOR's letter was uploaded on 05/02/2019.

Online proposal for granting Environment Clearance was submitted on dated 04/11/2019 and accepted by the SEIAA secretariat on dated 19/12/2019 and forwarded to SEAC secretariat. The SEAC secretariat further accepted the proposal after scrutinizing the hard copy submitted by the project proponent for technical appraisal of SEAC.

Then the case was listed in 61<sup>st</sup> meeting of SEAC and standard TOR's were approved. Then the same was approved by HP SEIAA in its 40<sup>th</sup> meeting. Now project proponent has submitted the EIA/EMP report for grant of Environment Clearance through online portal on dated 4/11/2019.

The case was listed in 69<sup>th</sup> meeting of the SEAC. It was decided to defer the case in next meeting due to inadequate presence of members.

The case was again appraised by the SEAC in its 70<sup>th</sup> Meeting. After deliberating on the information submitted and considering the facts placed before the Committee, it was observed that the project proponent and the consultant has submitted the public hearing papers of some other project viz; of M/s. AC Stone Crusher, for which they also felt sorry and submitted that they will bring the correct documents in the next meeting. Considering the request of the project proponent the SEAC decided to list the case in next meeting after compliance to the following points:

- 1. The consultant was advised to present the case before the Committee with relevant facts, correct details in view of the fact that the during presentation the proceeding of public hearing were presented related to another case of M/s. AC Stone Crusher district Chamba, however, the case was being presented for Kangra district.
- 2. The project proponent shall submit point wise issues raised during the public consultation and proposed action and present it in the next meeting.
- 3. The project proponent shall submit silt management plan to protect adjoining river.
- 4. The project proponent shall resubmit the KML file as per the site layout plan/map.
- 5. The project proponent shall resubmit the detailed EMP, including the provision of providing Dona/Pattal making machine to the self help group with budgetary provisions.
- 6. The project proponent shall submit after consulting the local community a status note on requirement of people need based under CER.

The project proponent submitted the compliance to the observation laid by SEAC on dated 07-01-2020. The case was listed in 71<sup>st</sup> meeting of SEAC.

The committee viewed the video of public hearing conducted as per procedure for the said case on 22-08-2019, which was forwarded to SEIAA by the State Government on dated 28-11-2019. The committee observed that the local community raised issues related to existing mining activities and violations thereof. That in case the proponent also does the mining activities in same manner it would aggravate the environmental pollution and damage to the local environment and hence the mining activities shall have to be carried out strictly as per the mining plan.

After deliberating on the information submitted and considering the facts placed before the Committee, the SEAC decided to list the case in next meeting after compliance to the following conditions:

1) The SPCB Regional Officer and the Mining Officer concerned to furnish a site inspection report within ten days w.r.t. existing mining activities in the 500 meters radius of the proposed site and violations and compliance to environmental standards by the existing mining project proponents. The report may be placed before the committee in next meeting with all relevant records for taking further necessary action in the matter.



This office has received the site inspection report from the Mining Officer, Kangra vide letter no. Udyog (Bhu) KGR-SEAC dated 01.02.2020 w.r.t. to the observation made by SEAC in 71<sup>st</sup> meeting.

The case was placed before the SEAC in its 72<sup>nd</sup> Meeting. The committee deliberated upon the report submitted by the Mining Department.

The complaint received in the office of SEIAA against Smt. Kalpana Devi was also received in this office on dated 17.02.2020 from representatives of Gram Panchayat-Bagkulja, Tehsil-Jaisinghpur, District-Kangra, which was examined and discussed by the committee and after discussions it was decided that the report of SPCB be re obtained:-

- 1) The EE, SPCB, concerned, at Dharmshala may be requested to give his report on the complaint within ten days.
- 2) The case application be placed before SEAC for further decision in the next meeting.

The Environment Engineer SPCB conducted the site inspection and submitted the detailed report w.r.t. to the observation made by SEAC in its 72<sup>nd</sup> meeting. The committee also observed that there were counter representations of villagers in favour of Kalpana Devi that the approval may kindly be accorded to the said proponent.

The case is again appraised in 73<sup>rd</sup> meeting of SEAC. The SEAC observed that as the site inspection report of the Mining Officer & EE, HPPCB, Dharamshala, Kangra received on dated 1/2/2020 the mining leases and stone crushers units within 500 meter radius form M/s Kathala Mata Stone Crusher are complied with the environmental standards. The committee also examined the complaints and representation of Pradhan GP, Kulja, Lambagon, forwarded by HPPCB vide letter No. PCB/Kathla Mata SC File/RO (D/Shala)19-4844-45 dated 2/3/2020 stating that there is no likelihood of any pollution of mining activities of the proposed project in case all measures are taken. The committee observed that the the complaints so made and received in this office are primarily w.r.t. the pollution due to existing mining activities, which is ruled out by the report so furnished by the SPCB and mining officer that the existing mining activities are undertaken with compliance to all environmental standards and there is no violation.

The current proponent has applied afresh for seeking the environmental clearance and on face if it has not violated the environmental standards and it would not be legitimately correct to deny the applicant the regulatory clearance. The committee was of the considered view that the application may be considered for grant of Environmental Clearance.

After deliberating on the information & compliance 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 with the following additional conditions:

- 1) The project proponent shall provide one *Pattal & Duna* making machines in consultation with Department of Environment, Science & Technology, Shimla & provide trainings to the local Mahila Mandal/ Self Help Group or identify, adopt existing traditional dona/pattal makers in the district for forming Self Help Group & shall provide a machine as part CER activity. The PP shall also impart trainings for operating the machine as part CER activity.
- 2) The project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
- 3) The Project Proponent shall ensure the compliance to environmental standards keeping in view the entire proceedings of appraisal so that no such complaint is received.
- 4) The project proponent shall carry out mining activities manually only.

After deliberating on the recommendations of SEAC, the SEIAA decided that in view of the various representations of locals a comparative study of implementation of EMPs, Green Cover of existing stone crusher/ mining leases shall be got conducted through IHBT,



Palampur, the SEIAA secretariat shall share the geo-coordinates of adjoining mining leases for the purpose. The SEIAA approved the grant of Environment Clearance in favour of the Unit stipulating the recommended conditions with the following additional conditions:

- 1. The project proponent shall include to plant variety of wild fruit plants as may be suitable to the area viz. wild peach, pear, guava, shehtoot i.e. 15 plants each (minimum 50 plants) under the plantation plan proposed in the EMP. The SEIAA secretariat shall monitor the plantation on yearly basis. The photo monitoring verification will be carried out by the SEIAA & SEAC by developing a suitable system.
- 2. The EC shall be issued by the HPSEIAA secretariat subject to the submission of the valid Letter of Intent.
- 2.8 Sh. Ashok Kumar, M/s Sh. Shakti Stone Crusher, Partner Sh. Ashok Kumar, S/o Sh. Gulzari Ram, R/o Village-Nanowal, PO-Malewal, Tehsil-Balachor, Distt. SBS Nagar, Punjab.

Brief outline of the project:

a) Proposal No. SIA/HP/MIN/44379/2019 HPSEIAA/2019-672

b) Project type Extraction/collection of Sand, Stone & Bajri.

c) Project Location Khasra number 3399 (0-57-30), 3400 (0-08-67), 3401 (0-26-08)

& 3403 (0-38-74) falling in Mauza -Beetan, Tehsil-Haroli,

District-Una, H.P.

d) Jamabandi Jamabandi for the year 2013-2014

e) Land Status Leased land.

f) Capacity 1,50,704 MT for the period of five years.

g) Mining Area 1-30-79 ha, Pvt. Land. (Hill slope)

h) Leases with in 500 meter No mining lease exist within 500 meter radius from the

from the periphery of the periphery of the area applied.

area applied.

i) Letter of Intent Extension of LOI dated 20.11.2019, valid for one year

(valid from 14.11.2019 to 13.11.2020)

j) EMP Cost Capital Cost: Rs. 5.26 lakhs; Recurring cost: Rs. 1.61 lakhs PA

k) CER cost Capital Cost: Rs. 1.85 lakhs

The project is proposed for Extraction/collection of Sand, Stone & Bajri. The lease area is a part of hill slope and the mining will be done manually, semi mechanized manner.

Online proposal for granting Environment Clearance was submitted on dated 10/10/2019 and accepted by the SEIAA secretariat on dated 11/02/2020 and forwarded to SEAC secretariat. The SEAC secretariat further accepted the proposal after scrutinizing the hard copy submitted by the project proponent on dated 13/11/2019 for technical appraisal by SEAC.

The case was appraised in 73<sup>rd</sup> meeting of SEAC. After deliberating on the information & compliance 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 with the following additional conditions:

- 1) The project proponent shall provide one *Pattal & Duna* making machines in consultation with Department of Environment, Science & Technology, Shimla & provide trainings to the local Mahila Mandal/ Self Help Group or identify, adopt existing traditional *dona/pattal* makers in the district for forming Self Help Group & shall provide a machine as part CER activity. The PP shall also impart trainings for operating the machine as part CER activity.
- 2) The project proponent shall provide 2 solar lights in the nearby school(s) of the project area and shall mark the solar lights with "Donated under CER activity by the project proponent".
- 3) The project proponent shall carry out mining activities manually only.
- 4) The project proponent shall submit undertaking stating that, after ceasing mining operations, undertake-re-grassing the mining area and any other area which may



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

After deliberating on the recommendations of SEAC, the SEIAA approved the grant of Environment Clearance in favour of the Unit stipulating the recommended conditions with the following additional conditions:

1. The project proponent shall include to plant variety of wild fruit plants as may be suitable to the area viz. wild peach, pear, guava, shehtoot i.e. 15 plants each (minimum 50 plants) under the plantation plan proposed in the EMP. The SEIAA secretariat shall monitor the plantation on yearly basis. The photo monitoring verification will be carried out by the SEIAA & SEAC by developing a suitable system.

ITEM NO. 3: Cases recommended for Terms of References by SEAC in 73rd Meeting held w.e.f. 8-10 June, 2020.

3.1 Sh. Raj Kumar, S/o Sh. Joginder Singh, Village & Post Office-Samtana, Tehsil-Bijhri Datwal, District-Hamirpur, H.P.

Brie	of outline of the project:			
a)	Proposal No.	SIA/HP/MIN/52194/2020		
		HP SEIAA/2020-726		
b)	Project type	Extraction/collection of Sand, Stone & Bajri.		
c)	Project Location	Khasra number 829 falling in Mauza & Mohal-Gauri of		
		Datwal, Tehsil-Hamirpur, District-Hamirpur, HP.		
d)	Jamabandi	Jamabandi for the year 2016-2017		
e)	Land Status	Government land.		
f)	Capacity	90,450 TPA.		
g)	Mining Area	6-10-05 hectare, Government land.		
h) Le	Leases with in 500 meter	No mining lease exist within 500 meter radius from the		
	from the periphery of the area applied.	periphery of the area applied.		
i)	Letter of Intent	LOI dated 08.03.2019, valid for two year		

(valid from 08.03.2019 to 07.03.2021) j) **EMP Cost** Capital Cost: Rs. 0.10 lakhs; Recurring cost: Rs.2.0 lakhs PA k) CER cost Capital Cost: Rs. 0.60 lakhs

The project is proposed for eextraction/collection of Sand, Stone & Bajri from river bed of Sukkar khad. The mining will be carried out only up to a depth of 1 m (3 feet) depth, using hand tools like shoves, pan etc. As proposed the mining will be carried out manually. The project proponent has applied for approval of ToR's.

Online proposal for granting TOR's was received on dated 08/03/2020 and accepted by the SEIAA secretariat on dated 05/05/2020 and forwarded to SEAC secretariat. The SEAC secretariat further accepted the proposal after scrutinizing the hard copy submitted by the project proponent on dated 06/05/2020 for technical appraisal of SEAC.

The case was appraised in 73rd meeting of the SEAC. After deliberating on the information submitted and considering the facts placed before the committee, the SEAC recommended Standard ToR issued by the MoEF&CC, GoI for approval by the SEIAA with the following additional conditions:

- 1) The project proponent shall include the detailed analysis of GLC-2.5 with air modeling and shall prepare the wind-rose diagram of the site to plan the installation of PCDs.
- 2) The project proponent will be permitted to carry out mining activities manually only.
- 3) The project proponent will assess and erasure that, after ceasing mining operations, to undertake-re-grassing the mining area and any other area which may have been disturbed due to their mining activities and for restoration of the land to a condition which is fit for growth of fodder, flora, fauna etc.



&

4) The project proponent shall include to assess the plant variety of wild fruit plants as may be suitable to the area viz. wild peach, pear, guava, *shehtoot* i.e. under the plantation plan proposed in the EMP.

After deliberating on the recommendations of SEAC, the SEIAA approved the issuance of Terms of Reference in favour of the Unit as per Standard ToR by the MoEF&CC, GoI and with additional stipulated conditions.

3.2 Sh. Raj Kumar, S/o Sh. Joginder Singh, Village & P.O. Samtana, Tehsil-Bijhri Datwal, District-Hamirpur, H.P.

Brief	outline	of the	project:
	A		D. O. C.C.

a)	Proposal No.	SIA/HP/MIN/52156/2020	
	Control of the Contro	HP SEIAA/2020-721	
b)	Project type	Extraction/collection of Sand, Stone & Bajri.	
c)	Project Location	Khasra number 1 falling in Mauza & Mohal-Jainan & Datwal, District-Hamirpur, HP.	
d)	Jamabandi	Jamabandi for the year 2011-2012	
e)	Land Status	Govt. land.	
f)	Capacity	10,872 TPA	
g)	Mining Area	07-02-15 hectare, Government land.	
h)	Leases with in 500 meter from the periphery of the area applied.	No mining lease exist within 500 meter radius from the periphery of the area applied.	
i)	Letter of Intent	LOI dated 08.03.2019, valid for two year (valid from 08.03.2019 to 07.03.2021)	
j)	EMP Cost	Capital Cost: Rs. 0.10 lakhs; Recurring cost: Rs.2.0 lakhs PA	
k)	CER cost	Capital Cost: Rs. 0.90 lakhs	

The project is proposed for extraction/collection of Sand, Stone & Bajri from Shukkar khad, Part-IV. The mining will be carried out only up to a depth of 1 m (3 feet) depth, using hand tools like shoves, pan etc. The project proponent has applied for approval of TORs being Cat B1 project.

Online proposal for granting TOR's was received on dated 07/03/2020 and accepted by the SEIAA secretariat on dated 27/03/2020 and forwarded to SEAC secretariat. The SEAC secretariat further accepted the proposal after scrutinizing the hard copy submitted by the project proponent on dated 06/05/2020 for technical appraisal of SEAC.

The case was appraised in 73<sup>rd</sup> meeting of the SEAC. After deliberating on the information submitted and considering the facts placed before the committee, the SEAC recommended Standard ToR issued by the MoEF&CC, GoI for approval by the SEIAA with the following additional conditions:

- The project proponent shall include the detailed analysis of GLC-2.5 with air modeling and shall prepare the wind-rose diagram of the site to plan the installation of PCDs.
- 2) The project proponent will be permitted to carry out mining activities manually only.
- 3) The project proponent will assess and erasure that, after ceasing mining operations, to undertake-re-grassing the mining area and any other area which may have been disturbed due to their mining activities and for restoration of the land to a condition which is fit for growth of fodder, flora, fauna etc.
- 4) The project proponent shall include to assess the plant variety of wild fruit plants as may be suitable to the area viz. wild peach, pear, guava, *shehtoot* i.e. under the plantation plan proposed in the EMP.

#### ITEM NO. 4: Request for grant of Environment Clearance.

The SEIAA in its 47<sup>th</sup> meeting held on 22<sup>nd</sup> May, 2020 approved the grant of Environment Clearance in favour of Sh. Rajeev Singh, S/o Sh. Rasil Singh, Village-Bhabran, P.O. Kitpal, Tehsil-Nadaun, District-Hamirpur, H.P. 177033 stipulating the recommended conditions subject to the



prior submission of valid LoI. In addition the project proponent shall also install at least 4 solar lights in the nearby village(s) of the project area and shall also mark the solar lights with "Donated under CER activity" by the project proponent.

The project proponent Sh. Rajeev Singh has requested to exempt the condition of submission of valid Letter of Intent in view of the fact that due to COVID-19 situation the process of Environment Clearance could not be completed for long time. However, when the SEAC recommended the case for Environment Clearance in its 72<sup>nd</sup> meeting held on 24<sup>th</sup> February, 2020 the Letter of Intent was valid up to 6<sup>th</sup> May, 2020. The project proponent has requested to issue Environment Clearance letter subject to condition of submission of valid Letter of Intent.

After deliberating on the request received from the project proponent, the SEIAA considering the fact that the validity of LoI expired only a few days ago of convening the meeting when the case was approved for grant of EC on dated 22<sup>nd</sup> May, 2020 and in view of the fact that the meeting of the SEIAA could not be convened due to COVID-19 crisis. The SEIAA approved the issuance of Environment Clearance letter in favour of the Unit stipulating the recommended conditions subject to the condition that the EC will be operational only on the valid Letter of Intent issued by the Department of Industries, Geological Wing.

#### ITEM NO. 5: Transfer of Environment Clearance.

#### 5.1 M/s Maha-Laxmi Stone Crusher, HO opposite PNB Daruhi, Tehsil & Distt. Hamirpur, HP.

A request has been received from M/s Maha-Laxmi Stone Crusher, HO opposite PNB Daruhi, Tehsil & Distt. Hamirpur, HP to transfer Environment Clearance in favour of his name from earlier granted EC by HPSEIAA vide letter No. HPSEIAA/2012/111-Sheetal Stone Crusher-3145 dated 19th December, 2013 in the name of Sh. Lekh Raj Sharma, S/o Sh. Jaishi Ram Sharma, Prop. M/s Sheetal Stone Crusher, Vill Badehra, PO Batran, Tehsil Nadaun, Hamirpur HP in view of the fact that the industries department has transferred the mining lease in the name of M/s Maha-Laxmi Stone Crusher, HO opposite PNB Daruhi, Tehsil & Distt. Hamirpur, HP. The NOC of transferor has also been submitted. As per the HPSEIAA secretariat record the project proponent is submitting six monthly compliance report as per the provision. The application found in order.

After deliberating on the application submitted by the applicant the SEIAA approved the transfer of Environment Clearance in favour of the M/s Maha-Laxmi Stone Crusher, HO opposite PNB Daruhi, Tehsil & Distt. Hamirpur, HP with the same terms & conditions and validity period issued earlier vide letter No. HPSEIAA/2012/111-Sheetal Stone Crusher-3145 dated 19<sup>th</sup> December, 2013 as per the provisions of EIA Notification, 2006 with the following additional conditions:

- 1) The project proponent shall provide one *Pattal & Duna* making machines in consultation with Department of Environment, Science & Technology, Shimla & provide trainings to the local Mahila Mandal/ Self Help Group or identify, adopt existing traditional *dona/pattal* makers in the district for forming Self Help Group & shall provide a machine as part CER activity. The PP shall also impart trainings for
- 2) The project proponent shall include to plant variety of wild fruit plants as may be suitable to the area viz. wild peach, pear, guava, *shehtoot* i.e. 15 plants each (minimum 50 plants) under the plantation plan proposed in the EMP. The SEIAA secretariat shall monitor the plantation on yearly basis. The photo monitoring verification will be carried out by the SEIAA & SEAC by developing a suitable system.

## 5.2 Sh. Ashish Sharma, R/o House # 190, Ward # 8, Near Devpal Chawk, Distt. Hamirpur HP.

operating the machine as part CER activity.

A request has been received from Sh. Ashish Sharma, R/o House # 190, Ward # 8, Near Devpal Chawk, Distt. Hamirpur HP to transfer Environment Clearance in favour of his name from earlier granted EC by HPSEIAA vide letter No. HPSEIAA/2013/167/Shukker Stoner Crusher/Endst No. 5043 dated 4/3/2017 in the name of Sh. Sanjay Kumar, Prop. Shukker Stoner Crusher in view of the fact that the industries department has transferred the mining lease in the name of Sh. Ashish Sharma, R/o House # 190, Ward # 8, Near Devpal Chawk, Distt. Hamirpur HP vide letter No. 1417 dated 11/6/2020. The NOC of transferor has also been submitted. As per the HPSEIAA secretariat

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record the project proponent is submitting six monthly compliance report as per the provision. The application found in order.

After deliberating on the application submitted by the applicant the SEIAA approved the transfer of Environment Clearance in favour of the Sh. Ashish Sharma, R/o House # 190, Ward # 8, Near Devpal Chawk, Distt. Hamirpur HP with the same terms & conditions and validity period issued earlier vide letter No. HPSEIAA/2012/111-Sheetal Stone Crusher-3145 dated 19<sup>th</sup> December, 2013 as per the provisions of EIA Notification, 2006 with the following additional conditions:

- 1) The project proponent shall provide one *Pattal & Duna* making machines in consultation with Department of Environment, Science & Technology, Shimla & provide trainings to the local Mahila Mandal/ Self Help Group or identify, adopt existing traditional *dona/pattal* makers in the district for forming Self Help Group & shall provide a machine as part CER activity. The PP shall also impart trainings for operating the machine as part CER activity.
- 2) The project proponent shall include to plant variety of wild fruit plants as may be suitable to the area viz. wild peach, pear, guava, shehtoot i.e. 15 plants each (minimum 50 plants) under the plantation plan proposed in the EMP. The SEIAA secretariat shall monitor the plantation on yearly basis. The photo monitoring verification will be carried out by the SEIAA & SEAC by developing a suitable system.

#### ITEM NO. 6: With the permission of the Chair following decisions were taken:

- The SEIAA decided to undertake online/digital monitoring of plantation plans and other environmental measures stipulated in the terms & conditions of the Environment Clearance through expert agency. This will be linked with KML files for the monitoring purposes.
- 2. The SEIAA henceforth decided to include in the terms and condition of EC to be granted in future the condition of planting of variety of wild fruit plants as may be suitable to the area viz. wild peach, pear, guava, *shehtoot* etc. The list of such plants may also be obtained from the expert institutions such as IHBT Plampur, UHF Nauni etc.

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The Meeting ended with a vote of thanks to & from the Chair.

(D.C. Rana) Member Secretary HPSEIAA (Bal Ram Sharma) Chairman HPSEIAA

Dated: 19th June, 2020, Shimla-1.