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Ministry of Environment, Forest & Climate Change, Govt. of India.

## J&K UT LEVEL EXPERT APPRAISAL COMMITTEE (JKEAC)

Department of Ecology, Environment & Remote Sensing

SDA Housing Colony, Bemina, Srinagar, Kashmir

Email: seacers@gmail.com, Website: www.parivesh.nic.in



### MINUTES OF MEETING

#### MINUTES OF 82<sup>ND</sup> MEETING OF THE JK EXPERT APPRAISAL COMMITTEE HELD ON 8<sup>TH</sup> OF JANUARY, 2022 VIA VIDEO CONFERENCING

In pursuance to Meeting Notice issued vide No: EAC/JK/21/12052-12079 dated: 28/12/2021, the 82<sup>nd</sup> Meeting of JK Level Expert Appraisal Committee (JKEAC) was held on 8<sup>th</sup> of January, 2022 at 10:30 A.M. via video Conferencing. The following attended the meeting:

No.	Name	Designation
1	Mr. S.C. Sharma, IFS(Rtd.)	Chairman
2	Mr. M.A. Tak, IFS(Rtd.)	Member
3	Engineer B.B. Sharma	Member
4	Mr. Irfan Yasin	Member
5	Mr. A.R. Makroo	Member
6	Prof. Anil Kumar Raina	Member
7	Dr. G.M. Dar	Member
8	Humayun Rashid	Secretary

The Secretary, JKEAC welcomed the Chairman, Members of the JK Expert Appraisal Committee, project proponents and the consultants.

The meeting proceeded as per following sequence: -

#### AGENDA ITEM NO: 01

Title of case:	Grant of Terms of Reference for minor mineral Block 11, area 2.38 Ha, Bundgoo bridge Upstream Nallah Sasara Tehsil: Bundzoo & District- Pulwama & UT of Jammu & Kashmir in favour of Shri Hira Singh S/O Shri Nirmal Singh.
Project type (whether mining lease/STP/Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIN/68804/2021
File no:	SEAC/JK/20/569
Consultant with validity	M/S Atmos sustainable Solutions India Pvt Ltd. Valid till: 08/09/2023
Presenter of consultant:	Mr. Mervyn Gilbert
Project proponent / representative of	Shri Hira Singh

Project proponent:	
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### CASE SUMMARY

Status	Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	2.38	171.85	273.75	13.80	14.02	5.50

Mine Closure plan proposed (in lacs)	Mining depth proposed (mts.)	Haulage Route (Kms)	Bulk density proposed by proponent	Cluster situation (Yes/No)
1.50	2.0	0.13	2.0	Yes

### PROJECT EVENT DATES

Date of Letter of Intent (LoI)	LoI –Date of Extension, if any	LoI Date of Validity	Date of Mining Plan approval	ToRs granted on
27/03/2020	18/09/2021	30/11/2021	07/06/2020	Not Yet

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by JKEIAA for the project on	Previous Project proponent	Baseline data Collection by project proponent as the case may be	Public Hearing held on	Case discussed by JKEAC earlier on	Area reduced by G&M Dept.
NA	NA	NA	NA	NA	NA

### APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

### STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M as applicable	Submitted	

2	Pre-feasibility report (PFR)	Submitted	Needs revision as per deliberations/ observations /recommendations
3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for bulk density, mining depth, closure plan, surface plan, targeted mineral production, mining methodology etc.
4	District Survey Report	Formulated not as per guidelines	Needs revision for including replenishment data etc.
5	Environmental Management Plan/ Corporate Environmental Responsibility (EMP/CER)	Formulated but needs revision	Needs revision as per deliberations/ observations /recommendations

#### NO OBJECTION CERTIFICATES

S. No.	Department	Status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued conditionally	NOCs issued under Single window system by Addt. Deputy Commissioner Vide No: DCP/Esst. /SM/NOC/538-50 Dated: 03/05/2021.
2	Flood Control Dept.	Issued conditionally	
3	Fisheries Dept.	Issued conditionally	
4	Forest Dept. (if required)	Issued as non-forest	
5	Wildlife Protection Dept (If required)	Issued	
6	Pollution Control Board	Issued	
7	Revenue Dept.	Issued as state land	
8	PHE (Jalshakti) Dept.	Issued conditionally	
10	Soil and Water Conservation dept.	---	

#### ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent (in lacs)		Remarks/
		Capital	Recurring	
1	Green belt development	6.00	6.50	
2	Haulage route maintenance	3.00	3.50	
3	Env. Awareness programme	2.00	0.52	
4	Pollution monitoring	0.80	2.00	
5	Dust suppression	0.00	0.00	
6	Occupational Health & Safety of mine workers	2.00	1.50	
	<b>Total</b>	<b>13.80</b>	<b>14.02</b>	

### COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Remarks
1	Health	Free Distribution of medicines, health check-up	3.00	
2	Solar lightening	Installation of solar lights & distribution of free solar panels in the nearby village	0.50	
3	Covid -19	Distribution of Sanitizers, face masks etc in the nearby village.	0.00	
4	Sanitation	Construction of toilet (Ladies & Gents) in the nearby village	0.00	
5	Education	Distribution of books, stationery items etc in the nearby school	2.00	
	Total		<b>5.50</b>	

### BUDGET FOR SURVILIENCE

S. No.	Particulars	Budget proposed by Proponent (in lacs)		Remarks
		Capital	Recurring (in lacs)	
1	Transport Permit	2.00	0.00	
2	CCTV Camera	1.00	0.10	
3	Weight Bridge	10.00	1.00	
4	Personal Computer with power backup	0.50	0.05	
5	Mobile Application Barcode scanner	0.50	0.05	
6	Radio Frequency Identification Tag (RFID) and GPS	1.00	0.10	
7	Annual Audit of lease	0.00	0.70	
8	Security Guard	0.00	0.80	
	<b>Total</b>	<b>15.00</b>	<b>2.80</b>	

**EXAMINATION OF MINING SITE ON MULTIDATE GOOGLE EARTH IMAGE  
PLATFORM USING KML /KMZ FILE EMAILED/UPLOADED BY THE PROJECT  
PROPONENT/CONSULTANT**

<b>S.no.</b>	<b>Features observed</b>	<b>Within Mining site boundary (Yes/No/Not identifiable)</b>	<b>Outside mining site boundary (Yes/No/Not identifiable)</b>	<b>Upstream from mining block (Mts.)</b>	<b>Downstream From mining block (Mts.)</b>	<b>Remarks</b>
<b>1</b>	Features indicative of any Illegal mining.	Yes	Yes	-	-	Features suggestive of Illegal mining activity on Google Image of 06/2021
<b>2</b>	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	Yes	-	-	Bridges on either side of mining block at a distance of 70 m & 110 m on Google image of 06/2021
<b>3</b>	Bridge with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
<b>4</b>	Foot bridge with only abutments on two banks, if any located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
<b>5</b>	Green patch (Cropland / trees /orchard etc. if any located within	No	No	-	-	-

	mining block/adjacent to mining block or within 500 mts. from the mining block.					
<b>6</b>	Structures of any kind (buildings /Flood control/ protection works/ electric installations, if any located within/adjacent/ in close vicinity to mining block or within 500 mts. of the mining block.	No	No	-	-	-
<b>7</b>	Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block.	Yes	Yes			Features indicative of Irrigation khul on Google Image of 06/2021
<b>8</b>	Active water channels, if any crossing the mining block.	Yes	Yes	-	-	Active water channel needs to be excluded
<b>9</b>	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block.	No	No	-	-	
<b>10</b>	Forest land, if any located in close vicinity of the mining block. If yes,	No	No	-	-	

	the distance thereof from the ends of mining block.					
<b>12</b>	Any other relevant feature of interest or condition which is critical to grant of ToRs/EC to the proposed project	No	No	-	-	

**DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:**

- a) This is a fresh case and the PP has applied under B1 category for the grant of TORs.
- b) While examining the mining block on Google image of 06/2021, the committee found bridges on either side of the mining block at a distance of 70m & 110m respectively. ***The Committee examined the possibility of resizing the block to maintain safe distance to the bridges but did not find it feasible at all.***
- c) Illegal mining activity was detected in the mining block as per features on Google image of June, 2021 which needs appropriate action by the competent authority.
- d) **Features indicative of offtake point of irrigation Kuhl originating from the mining block itself were observed on Google image of June, 2021.**
- e) Active water channel detected in the mining block.
- f) Mining depth of 2m adopted in the instant mining plan was not agreed by the committee.

**RECOMMENDATION OF THE COMMITTEE:**

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee rejected the case for the grant of Terms of reference.

**AGENDA ITEM NO: 02**

Title of case:	Grant of Environmental Clearance (EC) for RBM (River Bed Mineral) Minor Mineral Block Mining Project, Revised Area of 2.00 Ha Block - 08 at ANG/BR/08 Soaf Shali Bridge, Bringi Nallah Downstream, Village - Soaf Shali, Tehsil - Kokemag, District Anantnag, and State/UT- J&K favouring M/S Imtiyaz Ahmad Bhat R/O Kandikoot sagam Booch Distt. Anantnag J&K-192202 anantnagblock8@gmail.com
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	Originally B1 but now applied under B2 without specifying reasons

Proposal no:	SIA/JK/MIN/240202/2021//SIA/JK/MIN/226110/2021/SIA/JK/MIN/59136/2020
File no:	SEAC/JK/20/483
Consultant with validity	Abdul Majeed Mir (RQP) Valid till: 16/05/2027
Presenter of consultant:	Mr. Abdul Majeed Mir
Project proponent / representative of Project proponent:	M/S Imtiyaz Ahmad Bhat

### CASE SUMMARY

Status	Resized Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	2.00	7.40	168.67	8.43	10.68	3.37

Mine Closure plan proposed (in lacs)	Mining depth proposed (mts.)	Haulage Route (Kms)	Bulk density proposed by proponent	Cluster situation (Yes/No)
1.50	1.00	1.00	2.0	No

### PROJECT EVENT DATES

Date of Letter of Intent (LoI)	LoI –Date of Extension, if any	LoI Date of Validity	Date of Mining Plan approval	ToRs granted on
21/07/2020	18/09/2021	30/11/2021	10/11/2021	01/04/2021

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by JKEIAA for the project on	Previous Project proponent	Baseline data Collection by project proponent as the case may be	Public Hearing held on	Case discussed by JKEAC earlier on	Area reduced by G&M Dept.
NA	NA	-	-	01/04/2021	18/11/2021



## APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

### STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M as applicable	Submitted	Hard copy of duly filled and signed and stamped Form 2 needs to be submitted in JKEIAA office
2	Pre-feasibility report (PFR)	Submitted	Pre- Feasibility report needs to be revised in the light of deliberations, if any on the subject
3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for mining depth, closure plan, surface plan, targeted mineral production, mining methodology etc.
4	District Survey Report	Formulated not as per guidelines	Needs revision for including replenishment data etc.
5	Environmental Management Plan/ Corporate Environmental Responsibility (PFR/EMP/CER)	Formulated but needs revision	Needs revision as per deliberations/ observations /recommendations

### NO OBJECTION CERTIFICATES

S. No.	Department	status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued conditionally	Ref NOC issued by Dy. Commissioner Anantnag under single window clearance system under No: DCA/SS/2021/65-08 dated 08/04/2021
2	Flood Control Dept.	Issued conditionally	
3	Fisheries Dept.	Not submitted	
4	Forest Dept. (if required)	Issued as non-forest land	
5	Wildlife Protection Dept (If required)	Not submitted	
6	Pollution Control Board	Not submitted	
7	Revenue Dept.	Not issued by competent authority	
8	PHE (Jalshakti) Dept.	Issued conditionally	
10	Soil and Water Conservation dept.	---	

## ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent (in lacs)		Remarks
		Capital	Recurring	
1	Green belt development	4.13	5.00	
2	Haulage route maintenance	2.80	1.2	
3	Env. Awareness programme	0.00	1.00	
4	Pollution monitoring	0.00	1.00	
5	Pollution control/ water sprinkling/Dust suppression	0.00	0.60	
6	Occupational Health & Safety of mine workers	1.50	1.40	
7	Laying of Hume Pipes	0.00	0.00	
	<b>Total</b>	<b>8.43</b>	<b>10.68</b>	

## COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Remarks/
1	Health	Free Distribution of medicines, health check-up Installation of hand pumps/ Distribution of sanitizer's, gloves & N95 masks to nearby village	1.2	
2	Drinking water facility	Drinking water facility in nearby village/ Installation of hand pumps panchayat/ Installation of hand pumps	0.00	
2	Electrification	Solar Lamp distribution & Solar street light installation	1.2	
3	Sanitation	Construction of ladies' toilets in the village.	0.00	
4	Education	Distribution of school bags & books in nearby Primary School Education Grants to girl child to check drop outs in schools.	0.97	
	<b>Total</b>		<b>3.37</b>	

### BUDGET FOR SURVILIENCE

S. No.	Particulars	Budget proposed by Proponent (in lacs)		Remarks
		Capital	Recurring (in lacs)	
1	Transport Permit	2.00	0.00	
2	CCTV Camera	1.00	0.10	
3	Weight Bridge	10.00	1.00	
4	Personal Computer with power backup	0.50	0.05	
5	Mobile Application Barcode scanner	0.50	0.05	
6	Radio Frequency Identification Tag (RFID) and GPS	1.00	0.10	
7	Annual Audit of lease	0.00	0.70	
8	Security Guard	0.00	0.80	
	<b>Total</b>	<b>15.00</b>	<b>2.80</b>	

### GENERAL PUBLIC HEARING CONCERNS

S. No.	Usual concerns expressed by public during proceedings	
1	NOC from concerned panchayats should be obtained by the mining contractor before starting mining operation	<b>Not Applicable</b>
2	RBM material to locals on concessional rates	
3	Manual mining & Employment to the local unemployed youth	
4	Construction of Mandir and Masjid, such material should be provided free of cost.	
5	Approach road to be constructed to the proposed mining block should be identified in consultation with the panchayats.	
6	Regular Water sprinkling /Dust pollution should be controlled during mining operation on approach roads	
7	Mining will be carried out in scientific Manner	
8	Proper plantation of the nearby area	
9	Construction of sanitation facilities in the mining block	
10	People and panchayat members of the concerned area would be consulted before identified the mining block	
11	CER/CSR Activities for social upliftment	
12	No in-stream mining in Ans river should be allowed	
13	Haulage route maintenance	
14	Prevention of illegal mining	
15	EMP cost to be implemented practically	
16	Proper demarcation of mining block/mining depth to be maintained	

17	Display of contact details of concerned authorities for enabling locals to report illegal mining or violation of EC conditions	
18	Pollution, land degradation, loss of water body and rivulets/ soil erosion	
19	Loss of land, unemployment and environmental concerns	
20	Impact on social life and Horticultural/pasturelands	
21	Money generated should be utilized at panchayat level	
22	Ban on mining activities at the night	
23	Installation of solar lights	
25	Drinking water and Irrigation canals may be saved	
26	Embankments of the Mining Block should be protected	
28	Title of land from Revenue Department should be demarcated before the auction of Mining Block	

**EXAMINATION OF MINING SITE ON MULTIDATE GOOGLE EARTH IMAGE PLATFORM USING KML /KMZ FILE EMAILED/UPLOADED BY THE PROJECT PROPONENT/CONSULTANT**

S.no.	Features observed	Within Mining site boundary (Yes/No/Not identifiable)	Outside mining site boundary (Yes/No/Not identifiable)	Upstream from mining block (Mts.)	Downstream From mining block (Mts.)	Remarks
1	Features indicative of any Illegal mining.	Yes	Yes	-	-	Google Image of 04/2021
2	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
3	Bridge /causeway with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
4	Foot bridge with only abutments on	No	No	-	-	

	two banks, if any located within mining area/ within 500 mts. from the ends of mining block.					
<b>5</b>	Green patch (Cropland / trees /orchard etc. if any located within mining block/adjacent to mining block or within 500 mts. from the mining block.	No	No	-	-	-
<b>6</b>	Structures of any kind (buildings /Flood control/ protection works/ electric installations, if any located within/adjacent/ in close vicinity to mining block or within 500 mts. of the mining block.	No	No	-	-	
<b>7</b>	Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block.	Yes	Yes	-	-	<b>Feature indicative of Irrigation offtake point</b>
<b>8</b>	Active water channels, if any crossing the mining block.	Yes	Yes	-	-	-
<b>9</b>	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining	No	No	-	-	

	block and distance thereof from the mining block.					
<b>10</b>	Forest land, if any located in close vicinity of the mining block. If yes, the distance thereof from the ends of mining block.	No	No	-	-	
<b>12</b>	Any other relevant feature of interest or condition which is critical to grant of ToRs/EC to the proposed project	No	No	-	-	

**DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:**

- a) The project had earlier been discussed during 32<sup>nd</sup> meeting held on to 01/04/2021 with mining block area of 7.87 Ha under B1 category during which the Committee had recommended the project for grant of ToRs subject to prior title verification by the competent Revenue Authority as the archive Google images had shown cropland within the mining block limits.
- b) The PP has not submitted Title verification from the concerned competent revenue authority but has got the mining block resized to 2Ha only without specifying reasons for resizing the block. Even the G&M Dept. vide letter no: 6041-43 dated 18/11/2021 has not spelt out any reason for resizing the mining block.
- c) On being asked to give reasons for resizing the mining block, the RQP informed that the block was resized to maintain safe distance to the nearby bridge. However, the Committee found that the bridge was already beyond 500 m from the original block boundary and that the actual reasons for resizing were not probably known to even the RPQ.
- d) On further enquiries, the PP came out with information that a number of canal/Kuhl off-take points were located along the edges of the proposed original mining block and being well aware that the JKEIAA would not clear the cases which were not in conformity with the National Guidelines on Sand Mining, *suo moto* conceived resizing of the block.
- e) Scrutiny of NOC issued by the concerned Executive Engineer, Irrigation Dept. revealed no mention of any canal/ kuhl off-take point existing in close vicinity of the proposed mining block though he mentions that no mining should be carried out 500m upstream and downstream of off-take points of the irrigation kuhl.

- f) However, the Committee observed existence of off-take points in the vicinity of mining block during examination of the mining block on Google Earth Image.

### RECOMMENDATION OF THE COMMITTEE

- a) In view of the above deliberations / observations, the Expert Appraisal Committee did not agree to consider the case in the present form.
- b) However, the PP, if he so desires, may again approach the JKEIAA after submitting following compliances:-
- i. Justification for resizing the mining block from 7.78 Ha to 2Ha be obtained from the competent authority of G&M Dept.
  - ii. The PP should submit clarification from the concerned Xen Irrigation Dept. stating that off-take points do exist within the original mining block (7.87Ha) boundary but not within 200m upstream and downstream of the resized mining block(2 Ha).
  - iii. Title verification of the resized mining block be obtained from the concerned competent revenue authority.

### AGENDA ITEM NO: 03

Title of case:	Grant of Environmental clearance for Minor Minerals (RBM) at Block No.4, revised area (0.35) ha, Shraie Bridge to Abandoned Bridge, Downstream Nallah Ferozpora, Tehsil – Tangmarg District-Baramulla, J&K. in favour of Shri Manorathvir Singh S/O Shri Inderjeet Singh.
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	<b>B2</b>
Proposal no:	SIA/JK/MIN/229969/2021 SIA/JK/MIN/229969/2021 // SIA/JK/MIN/55381/2020
File no:	SEAC/JK/20/536
Consultant with validity	M/S P& M solutions Pvt. Ltd, Noida. Valid till: 10/12/2022
Presenter of consultant:	Mr. Manas Vyas
Project proponent / representative of Project proponent:	Mohammad Rashid Khan

### CASE SUMMARY

Status	Revised Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	0.35	54.60	149.55	11.0	8.0	3.00

Mine Closure plan proposed (in lacs)	Mining depth proposed (mts.)	Haulage Route (Kms)	Bulk density proposed by proponent	Cluster situation (Yes/No)
0.70	1	0.66	2.0	No

### PROJECT EVENT DATES

Date of Letter of Intent (LoI)	LoI –Date of Extension, if any	LoI Date of Validity	Date of Mining Plan approval	ToRs granted on
28/04/2020	15/04/2021	31/08/2021	19/06/2020	NA

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by JKEIAA for the project on	Previous Project proponent	Baseline data Collection by project proponent as the case may be	Public Hearing held on	Case discussed by JKEAC earlier on	Area reduced by G&M Dept.
NA	NA	NA	NA	28-08-2021 & 18-10-2021	22/11/2021

### APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

### STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M as applicable	Submitted	
2	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for bulk density, mining depth, closure plan, surface plan, targeted mineral production, mining methodology etc.
3	District Survey Report	Formulated not as per guidelines	Needs revision for including replenishment data etc.



4	Pre-Feasibility Report/ Environment Management Plan/ Corporate Environmental Responsibility (EMP/CER)	Formulated but needs revision	Needs revision as per deliberations/ observations /recommendations
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#### NO OBJECTION CERTIFICATES

S. No.	Department	status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued conditionally	The NOC conveyed by the Addl.Dy. Commissioner , Baramulla vide No. ADCB/Reader/2021-22/475-87 dated 29/05/21 reports that the NOC is issued except for area falling in Shamlat under Survey No.784 Min
2	Flood Control Dept.	Issued conditionally	
3	Fisheries Dept.	Issued conditionally	
4	Forest Dept. (if required)	Issued as non-forest	
5	Wildlife Protection Dept (If required)	Issued conditionally	
6	Pollution Control Board	Issued conditionally	
7	Revenue Dept.	Issued as state land	
8	PHE (Jalshakti) Dept.	Issued conditionally	
10	Soil and Water Conservation dept.	---	

#### ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent (in lacs)		Budget proposed by the Committee( in lacs)	
		Capital	Recurring	Capital	Recurring
1	Green belt development	4.00	3.00	4.00	3.00
2	Haulage route maintenance	2.00	1.00	2.00	1.00
3.	Env. Awareness programme	0.50	0.50	0.00	0.00
4	Pollution monitoring	2.00	2.00	2.00	2.00
5	Dust suppression	2.00	1.00	2.00	1.00
7.	Occupational Health & Safety of mine workers	0.50	0.50	1.00	1.00
	Total	<b>11.00</b>	<b>8.00</b>	<b>11.00</b>	<b>8.00</b>

#### COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget	Remarks
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			<b>proposed by Proponent (in lacs)</b>	
1	Health	Free Distribution of medicines, health check-up Installation of hand pumps	0.50	
2	Covid -19	Distribution of sanitizers, N 95 mask etc in the nearby village	1.00	
3	Training programme	Training programme for the nearby village	1.50	
	<b>Total</b>		<b>3.00</b>	

### BUDGET FOR SURVILIENCE

S. No.	Particulars	Budget proposed by Proponent (in lacs)		Remarks Budget recommended by Committee (in lacs)
		Capital	Recurring (in lacs)	
1	Transport Permit	2.00	0.00	
2	CCTV Camera	1.00	0.10	
3	Weight Bridge	10.00	1.00	
4	Personal Computer with power backup	0.50	0.05	
5	Mobile Application Barcode scanner	0.50	0.05	
6	Radio Frequency Identification Tag(RFID) and GPS	1.00	0.10	
7	Annual Audit of lease	0.00	0.70	
8	Security Guard	0.00	0.80	
	<b>Total</b>	<b>15.00</b>	<b>2.80</b>	

### EXAMINATION OF MINING SITE ON MULTIDATE GOOGLE EARTH IMAGE PLATFORM USING KML /KMZ FILE EMAILED/UPLOADED BY THE PROJECT PROPONENT/CONSULTANT

S.no.	Features observed	Within Mining site boundary (Yes/No/Not identifiable)	Outside mining site boundary (Yes/No/Not identifiable)	Upstream from mining block (Mts.)	Downstream From mining block (Mts.)	Remarks
1	Features indicative of	Yes	Yes	-	-	Features indicative of illegal

	any Illegal mining.					mining on Google Image of 09/2021
<b>2</b>	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	-
<b>3</b>	Bridge with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	-
<b>4</b>	Foot bridge with only abutments on two banks, if any located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	-
<b>5</b>	Green patch (Cropland / trees /orchard etc. if any located within mining block/adjacent to mining block or within 500 mts. from the mining block.	No	No	-	-	-
<b>6</b>	Structures of any kind (buildings /Flood control/ protection works/ electric installations, if any located	<b>No</b>	<b>No</b>	-	-	

	within/adjacent/ in close vicinity to mining block or within 500 mts. of the mining block.					
<b>7</b>	Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block.	Not identifiable	Not identifiable	-	-	Not identifiable on Google image 09/2021
<b>8</b>	Active water channels, if any crossing the mining block.	Yes	Yes	-	-	Need to be excluded from mining activity
<b>9</b>	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block.	No	No	-	-	
<b>10</b>	Forest land, if any located in close vicinity of the mining block. If yes, the distance thereof from the ends of mining block.	No	No	-	-	
<b>12</b>	Any other relevant feature of interest or condition which is critical to grant of ToRs/EC to the proposed project	No	No	-	-	

### **DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:**

- a) The case was discussed during the 57<sup>th</sup> Meeting held on 28/08/2021 and subsequently in the 65<sup>th</sup> Meeting held on 18/10/2021 during which the Committee had finally desired the PP to exclude the area falling under Shamlat category under Survey No.784Min as the NOC issued by the office of Dy. Commissioner, Baramulla vide No. ADCB/Reader/2021-22/475-87 dated 29/05/21 had issued NOC for areas excluding the Shamlat land.
- b) The PP has now again approached the JKEIAA after resizing the block and excluding the land under shamlat in accordance with joint inspection report of Revenue Officials and officials of G&M Dept. conveyed vide letter No. TTNG/0Q/2021/S 93 dated 11/11/2021 by the Tehsildar concerned.
- c) The resultant land now identified for mining activity under the revised mining block comprises of 0.35 Ha only.
- d) The Consultant was asked to clarify as to how the PP would bridge the economic viability gap for the reduced area with huge projected cost. The Consultant informed that the e-tender stipulates a condition that the bid cost shall be reduced proportionate to the approved area for mining activity and that will make the project economically viable.
- e) However, the Committee was of the view that strict monitoring mechanism as per National Enforcement & Monitoring Guidelines for Sand Mining, 2020 needs to be put in place at the site by regulating agency before allowing mining activity in the resized mining block to ensure that no illegal mining takes place in the garb of the EC.
- f) Illegal mining activity has been detected in the mining block as per features on Google image of Sep, 2021 which has depleted the mineral resource to a large extent. The PP therefore, needs to obtain a '**fit for mining certificate**' from the G&M Dept. stating therein that adequate replenishment has taken place in the resized mining block and there is enough material available in the block which can be extracted without endangering the ecology and hydrological setting of the nalla, **prior to grant of EC.**
- g) Further, necessary clarification from the Multi Dept. District level Cell needs to be obtained for fixing responsibility for such illegal mining activity, besides reporting whether the PP is involved in such act, in any manner.
- h) The PP has mentioned mining depth of 3mts and bulk density of 2.25 at some places in the mining plan while calculating the targeted mineral production which is not in conformity with the norms being observed by JKEAC.
- i) The mining depth of max. 1m below NSL and bulk density of 2.00 be adopted for calculating the targeted mineral production in absence of replenishment study and actual ground measurements.
- j) The EMP budget needs to be revised as suggested in the remarks column of the EMP table.

### **RECOMMENDATION OF THE COMMITTEE:**

In view of the above deliberations, the Committee recommended the case for the grant of Environmental clearance subject to:

- a) Standard and Specific Conditions as per **Annexure B** to these Minutes of Meeting.
- b) **Submission of compliance to the observations made herein above under deliberations, prior to grant of EC.**
- c) Strict adherence to monitoring mechanism as per National Enforcement & Monitoring Guidelines for Sand Mining, 2020, in this regard, as detailed herein above.
- d) Revision of mining plan as detailed above, prior to grant of EC.

- e) Submission of ‘fit for mining certificate’ as detailed herein above, prior to grant of EC.
- f) ‘Non-involvement in illegal mining’ certificate from the MDLTF Cell as detailed above, prior to grant of EC.
- g) **Strict adherence to the terms and conditions of the NOCs of the stakeholder departments which need to be monitored by the enforcement agencies and concerned dept.**
- h) **No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- i) Maximum targeted mineral production of **4200 MT.**
- j) Subject to revision of EMP as suggested by the Committee in the EMP table, **prior to grant of EC**
- k) Condition the geographical coordinates as per revised area conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA.
- l) Validity of only three years from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA and JKPCB in view of non-availability of replenishment data.

#### AGENDA ITEM NO: 04

Title of case:	Grant of Environmental Clearance (EC) for RBM extraction over an area of 0.962 Ha under Short Term Permit (STP) at Khasra No. 705, Bain Khanderi Nallah village – Bain Tehsil – Chenani District – Udhampur UT: Jammu & Kashmir favouring M/S ECI-SRM R/O: Near BJP Head Office, Trikuta Nagar, Tehsil- Jammu, District - Jammu, UT – J&K. <a href="mailto:bainchenani0.962@gmail.com">bainchenani0.962@gmail.com</a> (STP)
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B2
Proposal no:	SIA/JK/MIN/230235/2021
File no:	SEAC/JK/20/573
Consultant with validity	Abdul Majeed Mir (RQP) Valid till: 16/05/2027
Presenter of consultant:	Mr. Abdul Majeed Mir
Project proponent / representative of Project proponent:	M/S ECI-SRM

#### CASE SUMMARY

Status	Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	0.962	NA	28.73	1.44	3.00	0.57

Mine Closure plan proposed (in lacs)	Mining depth proposed mining plan (mts.)	Haulage Route (Kms)	Bulk density proposed by proponent	Cluster situation (Yes/No)
0.30	1.50	0.78	2.0	No

### PROJECT EVENT DATES

LoI ref and date	LoI EXTENSION	LoI VALIDITY	MINING PLAN	PRODUCTION PROPOSED (MT)	MINING DEPTH PROPOSED IN PRE-FEASIBILITY REPORT ( Mts.)
JDJ/STP/Udhapur/ 2019-20/1031-1036	29/07/2021	3 months	01/09/202	25500	1.00

### APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

### STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M as applicable	Submitted	Hard copy Form 2 need to be submitted
2	Pre-feasibility report (PFR)	Submitted	
3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for mining depth, closure plan, surface plan, targeted mineral production, mining methodology etc.
4	District Survey Report	Formulated not as per guidelines	Needs revision for including replenishment data etc.
5	Environmental Management Plan/ Corporate Environmental Responsibility (/EMP/CER)	Formulated but needs revision	Needs revision as per deliberations/ observations /recommendations

## NO OBJECTION CERTIFICATES

S. No.	Department	status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued conditionally	Tehsildar mentions that the proposed site is a water body as per the Jammu and Kashmir water resources (Regulation and management) Act 2010 which is the property of the Govt. He does not indicate title in clear terms
2	Flood Control Dept.	Issued conditionally	
3	Fisheries Dept.	Issued conditionally	
4	Forest Dept. (if required)	Issued as non-forest land	
5	Wildlife Protection Dept (If required)	Not submitted	
6	Pollution Control Board	Not submitted	
7	Revenue Dept.	Issued	
8	PHE (Jalshakti) Dept.	Issued conditionally	
10	Soil and Water Conservation dept.	---	

## ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent (in lacs)		Budget Recommended by the committee (in lacs)
		Capital	Recurring	
1	Green belt development	1.00	1.00	3.00
2	Haulage route maintenance	0.20	0.50	1.00
3	Env. Awareness programme	0.00	0.50	0.50
4	Pollution monitoring	0.00	0.00	0.00
5	Pollution control/ water sprinkling/Dust suppression	0.00	0.00	1.00
6	Occupational Health & Safety of mine workers	0.24	1.00	1.00
7	Lying of Hume Pipes	0.00	0.00	0.00
	<b>Total</b>	<b>1.44</b>	<b>3.00</b>	<b>6.50</b>

## COORPORATE ENVIRONMENT RESPONSIBILITY



S. No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Remarks/
1	Health	Free Distribution of medicines, health check-up Installation of hand pumps/ Distribution of sanitizer's, gloves & N95 masks to nearby village	0.20	
2	Drinking water facility	Drinking water facility in nearby village/ Installation of hand pumps panchayat/ Installation of hand pumps	0.00	
2	Electrification	Solar Lamp distribution & Solar street light installation	0.10	
3	Sanitation	Construction of ladies' toilets in the village.	0.00	
4	Education	Distribution of school bags & books in nearby Primary School Education Grants to girl child to check drop outs in schools.	0.27	
	Total		<b>0.57</b>	

#### BUDGET FOR SURVILIENCE

S. No.	Particulars	Budget proposed by Proponent (in lacs)		Remarks of Committee
		Capital	Recurring (in lacs)	
1	Transport Permit	2.00	0.00	The STP is only for 3 months
2	CCTV Camera	1.00	0.10	
3	Weight Bridge	10.00	1.00	
4	Personal Computer with power backup	0.50	0.05	
5	Mobile Application Barcode scanner	0.50	0.05	
6	Radio Frequency Identification Tag (RFID) and GPS	1.00	0.10	
7	Annual Audit of lease	0.00	0.70	
8	Security Guard	0.00	0.80	
	<b>Total</b>	<b>15.00</b>	<b>2.80</b>	

**EXAMINATION OF MINING SITE ON MULTIDATE GOOGLE EARTH IMAGE  
PLATFORM USING KML /KMZ FILE EMAILED/UPLOADED BY THE PROJECT  
PROPONENT/CONSULTANT**

<b>S.no.</b>	<b>Features observed</b>	<b>Within Mining site boundary (Yes/No/Not identifiable)</b>	<b>Outside mining site boundary (Yes/No/Not identifiable)</b>	<b>Upstream from mining block (Mts.)</b>	<b>Downstream From mining block (Mts.)</b>	<b>Remarks</b>
<b>1</b>	Features indicative of any Illegal mining.	Yes	Yes	-	-	Google Image of 04/2021
<b>2</b>	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
<b>3</b>	Bridge /causeway with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
<b>4</b>	Foot bridge with only abutments on two banks, if any located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
<b>5</b>	Green patch (Cropland / trees /orchard etc. if any located within mining block/adjacent to mining block or within 500	No	No	-	-	-

	mts. from the mining block.					
<b>6</b>	Structures of any kind (buildings /Flood control/ protection works/ electric installations, if any located within/adjacent/ in close vicinity to mining block or within 500 mts. of the mining block.	<b>No</b>	<b>No</b>	-	-	-
<b>7</b>	Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block.	<b>Not Identifiable</b>	<b>Not Identifiable</b>	-	-	<b>Not Identifiable</b>
<b>8</b>	Active water channels, if any crossing the mining block.	Yes	Yes	-	-	-
<b>9</b>	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block.	No	No	-	-	
<b>10</b>	Forest land, if any located in close vicinity of the mining block. If yes, the distance thereof from the ends of mining block.	No	No	-	-	

12	Any other relevant feature of interest or condition which is critical to grant of ToRs/EC to the proposed project	No	No	-	-	
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**DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:**

- a) The Short-Term Permit (STP) project is for three months.
- b) The consultant gave a detailed power point presentation on the project during which the various aspects of the STP like mining depth, replenishment of the nallah bed, period of the STP etc. were discussed.
- c) The joint verification report issued by Dy. Commissioner concerned indicates that the material is to be used for construction of NH-244 Chenani – Sudh Mahadev Road.
- d) The approved mining plan indicates that the period of STP is 3 months and minable reserves are 25500MT achievable at 1.5 metre mining depth.
- e) Title verification is ambiguous and does not clearly mention the title of land in clear terms. The same needs to be submitted **prior to grant of formal EC.**
- f) NOCs from irrigation and Flood control department have not been submitted by the PP and same need to be submitted by the PP, **prior to grant of EC.**
- g) Heavy illegal mining activity was observed in and around the STP site as per features on latest Google image of 04, 2021 which needs clarification from the Multi Dept. District level Task Force (MDLTF) Cell for fixing responsibility in this regard.
- h) The STP holder needs to keep a safe distance of 10m from the edge of the nalla/hill and exclude active water channels from the mining area.
- i) The conditions of NOC of stakeholder department need to be adhered to in letter and spirit.
- j) EMP Budget needs to be revised with appropriate budget as suggested in the remark's column of EMP table above **prior to grant of EC.**
- k) Revision of the mining plan with mine closure plan, revised mining depth, revised surface plan, targeted mineral production and replenishment and its denovo approval by the competent authority **prior to grant of EC.**

**RECOMMENDATION OF THE COMMITTEE**

In view of the above deliberations / observations made by the Committee herein above, the Expert Appraisal Committee recommended the project for grant of EC subject to: -

- a) Standard and Specific Conditions as per **Annexure C** to these Minutes of Meeting.
- b) **Submission of compliance to the observations made herein above under deliberations, prior to grant of EC.**
- c) Submission of Title verification as state land in clear terms by the competent revenue authority prior to grant of EC.
- d) Submission of NOCs from irrigation and Flood control department prior to grant of EC.

- e) Securing of “*Non-involvement in illegal mining*” certificate from the Multi Dept. District level Task Force (MDLTF) Cell, prior to grant of formal EC.
- f) Maximum targeted mineral production of **18000** MT.
- g) **Strict adherence to the terms and conditions of the NOCs of the stockholder departments which needs to be monitored by the enforcement agencies and concerned department.**
- h) **No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- i) Condition the geographical coordinates as per LOI to be conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA
- j) Validity of only **three months** only.

**AGENDA ITEM NO: 05**

<b>TITLE OF CASE:</b>	Grant of Environmental Clearance (EC) for “Gypsum Mining” with Area of 4.24 ha at Village Charian, Tehsil- URI, District- Baramulla, UT- Jammu & Kashmir favouring M/S Javeed Ahmad Shah S/O Gh. Ahmad Shah R/O Wakeel Colony Brain Nishat Srinagar UT J&K. javiduri321@gmail.com
<b>PROJECT TYPE (WHETHER MINING LEASE/STP/ QUARRY LICENSE/BRICK EARTH)</b>	Gypsum Mining Lease
<b>CATEGORY(B1/B2)</b>	B2
<b>PROPOSAL NO:</b>	SIA/JK/MIN/219139/2021
<b>FILE NO:</b>	SEAC/JK/20/574
<b>CONSULTANT:</b>	SAHAJ SAHYOG CONSULTANTS PRIVATE LIMITED, (RQP) Valid Till: 17.04.2027
<b>PRESENTER OF CONSULTANT:</b>	Pankaj Panday, RQP
<b>REPRESENTATIVE OF PROJECT PROPONENT:</b>	M/S Javeed Ahmad Shah

**CASE SUMMARY**

Status of project	AREA ( Ha)	PROJECT COST	EMP COST PROPOSED ( in lacs)		CER COST PROPOSED ( lacs)	HAULAGE ROUTE (Mts)	Mine Closure plan proposed (in lacs)
			CAPITAL	RECURRING			
New	4.24	52.036	6.40	0.00	2.60	300	1.04

LoI Ref	LoI date	LoI VALIDITY	MINING PLAN	Mining Period	Max Production TPA	Water requirement (KLD)	Pit dimension (LxBxD) mts
IND/MNG-14/2012	23/04/2012	6 months	02/08/2012	5 years	39009	5.84	400x70x178

Khasra Nos	Ownership	Remarks
204 Min, 221, 222,225,226,227,228,229,230,215	Proprietary land	NOC of the rightful owners missing from documentation
223,224	Shamlat deh	-do-
746/202, 748/292/202,202 min,	State land	_do_

### APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

#### STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M as applicable	Submitted	
2	Pre-feasibility report (PFR)	Submitted	
3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	
4	District Survey Report	Formulated not as per guidelines	Needs revision for including replenishment data etc.
5	Environmental Management Plan/ Corporate Environmental Responsibility (EMP/CER)	Formulated but needs revision	

### NO OBJECTION CERTIFICATES

S. No.	Department	status as per NOC	Remarks/ Reference
1	Irrigation Dept.	-	As per NOC issued by concerned Dy. Commissioner, Baramulla, the PP is supposed to obtain NOC from NHPC also but the same has not been submitted.
2	Flood Control Dept.	-	
3	Fisheries Dept.	-	
4	Forest Dept. (if required)	Issued as non-forest land	
5	Wildlife Protection Dept (If required)	Issued conditionally	
6	Pollution Control Board	Issued conditionally	
7	Revenue Dept.	Not issued by competent authority	
8	PHE (Jalshakti) Dept.	-	
10	Soil and Water Conservation dept.	Not submitted	
11	NHPC	Not submitted	

### OBSERVATIONS ON EMP

S. No	PROPOSED ACTIONS	Proposed Budget (in lacs)	Remarks
1	Green belt development	2.00	
2	Haulage route maintenance	1.00	
3.	Dust suppression	2.40	
4	Pollution monitoring	1.00	
5	Soil Conservation works	0.00	
	<b>Total</b>	<b>6.40</b>	

### EXAMINATION OF MINING SITE ON MULTIDATE GOOGLE EARTH IMAGE PLATFORM USING KML /KMZ FILE EMAILED/UPLOADED BY THE PROJECT PROPONENT/CONSULTANT

S.no.	Features observed	Adjacent to Mining site boundary	Uphill (Mts.)	Downhill (Mts.)	Remarks
1	Features indicative of Illegal mining	No	-	-	No illegal mining signs were observed in latest google image of 11/2017
2	Settlements around the quarry	Yes	-	-	Settlements were observed in the area adjacent and downhill of the mining site
3	Educational Institution	Not identifiable	-	-	Not identifiable
4	Hospital/Health Institution	Not identifiable	-	-	Not identifiable

5	Green patch (Cropland / trees /orchard etc.)	Yes	-	-	Scattered trees and cropland observed inside the mining lease near pillar I&J as well as outside it
6	Streams in close vicinity	Yes	-	Yes	Stream was observed in latest google image downhill of the site
7	Springs and other drinking water sources in close vicinity	Not identifiable	-	-	Not identifiable
8	Haulage route	Yes	-	-	Approach road is very close to the mining site almost 60 mts away
9	Distance w.r.t National Park/Wildlife Sanctuary/ESZ	Yes	-	-	The boundary of mining block was found traversing the Lachipora Wildlife Sanctuary
10	Involvement of forest land or any other relevant specific feature of interest or condition which is critical to grant of Environmental Clearance to the proposed project	Yes	-	-	Though NOC has been issued by Forest and wildlife departments mentioning that the proposed Gypsum mining site falling is falling in private land and State land outside the Forest and Wildlife areas, yet, when the lease boundary was observed in conjunction with the digital boundary of Lachipora Wildlife sanctuary, it was found to be partly inside the wildlife sanctuary which needs detailed clarification from the concerned dept.

**DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:**

- a) The Gypsum Mining project has been submitted by the PP under B2 category.
- b) The LOI has been granted by the Industries Department in the year 2012.
- c) NOC from Forest and Wildlife Protection department mentions that the proposed mining site is located in private land, Shamlat and state land. However, when the site was observed on latest Google image in conjunction with the digital boundary of Lachipora Wildlife Sanctuary, it was found that part of the lease boundary is falling inside the sanctuary. Therefore, the Committee desired that the PP should obtain an explicitly clear NOC from Wildlife Protection Dept. indicating therein, the distance between the nearest pillar of the mining lease area from the nearest pillar of the Lachipora Wildlife Sanctuary / Kazinag National Park, as the case may be, clearly mentioning their geographical coordinates.



- d) Since, part of the mining block falls under private land and land under Shamlat category besides the state land, therefore, the lease holder needs to obtain consent of the rightful owners of the land under the proposed lease duly attested by the competent revenue authority with local PRI on board.

### RECOMMENDATION OF THE COMMITTEE

The case for grant of EC in the present form is rejected on the following grounds:-

- a) As per the contents of LoI issued on 23/04/2012, the LOI is valid for only six months and its any further extension is not on record.
- b) NOC issued by the Wildlife Protection Dept. on 28/02/2011 indicates that the mining lease is 12 km from the Lachipora Wildlife Sanctuary while as the observations made by the Committee on Google Earth Image shows the boundary of the mining lease area intersecting the boundary of Lachipora Wildlife Sanctuary. Also, the NOC is seen to be issued prior to grant of LoI, which creates doubt about its authenticity also.

### AGENDA ITEM NO: 06

Title of case:	Grant of Terms of Reference for minor mineral block 1/3, revised area 6.30 Ha in Nowshera Tawi River Downstream Muradpur Bridge, District Rajouri, UT of Jammu and Kashmir in favour of Shri Kiran Kumar Sharma S/O Shri Daleep kumar Sharma.
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIN/66454/2021// SIA/JK/MIN/61296/2021
File no:	SEAC/JK/20/476
Consultant with validity	M/S P & M solutions Pvt. Ltd, Noida. Valid till: 10/12/2022
Presenter of consultant:	Mr. Manas Vyas
Project proponent / representative of Project proponent:	Mohd. Rashid

### CASE SUMMARY

Status	Revised Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	6.30	35.15	183.05	2.65	9.15	3.66

Mine Closure plan proposed	Revised Mining	Haulage Route	Revised Bulk density	Cluster situation
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(in lacs)	depth proposed (mts.)	(Kms)	proposed by proponent	(Yes/No)
Not Provided	1	0.35	2.0	No

### PROJECT EVENT DATES

Date of Letter of Intent (LoI)	LoI –Date of Extension, if any	LoI Date of Validity	Date of Mining Plan approval	ToRs granted on
22/11/2020	21/09/2021	30/11/2021	16/02/2021	Not Yet

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by JKEIAA for the project on	Previous Project proponent	Baseline data Collection by project proponent as the case may be	Public Hearing held on	Case discussed by JKEAC earlier on	Area reduced by G&M Dept.
NA	NA	NA	NA	01/04/2021	20/07/2021

### APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

### STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M as applicable	Submitted	
2	Pre-feasibility report (PFR)	Submitted	Needs revision as per deliberations/ observations /recommendations
3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for bulk density, mining depth, closure plan, surface plan, targeted mineral production, mining methodology etc.
4	District Survey Report	Formulated not as per guidelines	Needs revision for including replenishment data etc.
5	Environmental Management Plan/	Formulated but needs revision	Needs revision as per deliberations/ observations /recommendations

	Corporate Environmental Responsibility (EMP/CER)		
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### NO OBJECTION CERTIFICATES

S. No.	Department	status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued conditionally	
2	Flood Control Dept.	Issued conditionally	
3	Fisheries Dept.	Issued conditionally	
4	Forest Dept. (if required)	Issued as non-forest	
5	Wildlife Protection Dept (If required)	Not submitted	
6	Pollution Control Board	Not submitted	
7	Revenue Dept.	Shamliyat/Private/state land	
8	PHE (Jalshakti) Dept.	Issued conditionally	
10	Soil and Water Conservation dept.	---	

### ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent (in lacs)		Remarks/
		Capital	Recurring	
1	Green belt development	0.90	1.20	
2	Haulage route maintenance	1.75	1.62	
3	Env. Awareness programme	0.00	0.00	
4	Pollution monitoring	0.00	2.00	
5	Dust suppression	0.00	2.00	
6	Occupational Health & Safety of mine workers	0.00	2.33	
7	Installation of Hume pipes	0.00	0.00	
	<b>Total</b>	<b>2.65</b>	<b>9.15</b>	

### COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed	Remarks

			<b>by Proponent (in lacs)</b>	
1	Health	Free Distribution of medicines, health check-up	2.00	
2	Drinking water	Providing drinking water facility in the nearby village	0.00	
3	Covid -19	Distribution of Sanitizers, face masks etc in the nearby village.	1.66	
4	Sanitation	Construction of toilet (Ladies & Gents) in the nearby village	0.00	
5	Education	Distribution of books, stationery items etc in the nearby school	0.00	
	<b>Total</b>		<b>3.66</b>	

#### **BUDGET FOR SURVILIENCE**

<b>S. No.</b>	<b>Particulars</b>	<b>Budget proposed by Proponent (in lacs)</b>		<b>Remarks</b>
		<b>Capital</b>	<b>Recurring (in lacs)</b>	
1	Transport Permit	2.00	0.00	
2	CCTV Camera	1.00	0.10	
3	Weight Bridge	10.00	1.00	
4	Personal Computer with power backup	0.50	0.05	
5	Mobile Application Barcode scanner	0.50	0.05	
6	Radio Frequency Identification Tag (RFID) and GPS	1.00	0.10	
7	Annual Audit of lease	0.00	0.70	
8	Security Guard	0.00	0.80	
	<b>Total</b>	<b>15.00</b>	<b>2.80</b>	

**EXAMINATION OF MINING SITE ON MULTIDATE GOOGLE EARTH IMAGE  
PLATFORM USING KML /KMZ FILE EMAILED/UPLOADED BY THE PROJECT  
PROPONENT/CONSULTANT**

<b>S.no.</b>	<b>Features observed</b>	<b>Within Mining site boundary (Yes/No/Not identifiable)</b>	<b>Outside mining site boundary (Yes/No/Not identifiable)</b>	<b>Upstream from mining block (Mts.)</b>	<b>Downstream From mining block (Mts.)</b>	<b>Remarks</b>
<b>1</b>	Features indicative of any Illegal mining.	Yes	Yes	-	-	Features suggestive of Illegal mining activity on Google Image of 05/2021
<b>2</b>	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	Yes	-	-	Bridge at a distance of 405 m from the nearest pillar of the mining block
<b>3</b>	Bridge with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
<b>4</b>	Foot bridge with only abutments on two banks, if any located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
<b>5</b>	Green patch (Cropland / trees /orchard etc. if any located within mining block/adjacent	Yes	No	-	-	Green patch with scattered trees present inside the

	to mining block or within 500 mts. from the mining block.					mining block
<b>6</b>	Structures of any kind (buildings /Flood control/ protection works/ electric installations, if any located within/adjacent/ in close vicinity to mining block or within 500 mts. of the mining block.	No	No	-	-	
<b>7</b>	Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block.	<b>Not identifiable</b>	<b>Not identifiable</b>			Google Image of 05/2021
<b>8</b>	Active water channels, if any crossing the mining block.	Yes	Yes	-	-	Active water channel needs to be excluded
<b>9</b>	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block.	No	No	-	-	
<b>10</b>	Forest land, if any located in close vicinity of the mining block. If yes, the distance thereof from	No	No	-	-	

	the ends of mining block.					
12	Any other relevant feature of interest or condition which is critical to grant of ToRs/EC to the proposed project	No	No	-	-	

**DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:**

- a) The case was discussed during the 32<sup>th</sup> meeting held on 01/04/2021 during which the Committee rejected the case for ToRs and desired:-
- i. PP to exclude the area comprising of cropland with two structures falling inside the mining block.
  - ii. G&M Dept. to constitute a joint inspection committee comprising of representatives of Irrigation & Flood Control Department, Geology & Mining Department, Soil Conservation Department, Fisheries Dept and SSP Rajouri to file its enquiry report, fixing responsibility for the illegal mining in the designated mining block and its neighborhood, also recording statements from the local panchayat representatives on the subject.
  - iii. To obtain title verification of the land under the mining block from the concerned revenue Authority.
- b) The case came under discussion again during the 77th JKEAC held on 11/12/2021. The committee observed that the KML file depicting the mining block on Google Earth Image presented by the consultant was different from the one presented during the earlier meeting held on 01/04/2021. The consultant informed that the earlier KML file had been wrongly submitted by him which did not represent the coordinates mentioned in the LoI relating to the case. Therefore, the Committee had desired that the fresh KML file submitted by the consultant be verified with the coordinates mentioned in LoI before proceeding with the appraisal process.
- c) Accordingly, the coordinates represented by the fresh KML file were verified by the supporting staff with the coordinates mentioned in the LoI and were found to be correct.
- d) Further, title verification issued by the concerned Tehsildar indicates that the mining block falls under Shamilat, private & state land. The Consultant informed that the area under Shamilat and private lands has been excluded from the mining block through resizing. **However, the Committee could not find any document issued by the competent revenue authority substantiating his assertion. Therefore, the PP needs to obtain a certificate from the concerned competent revenue authority to the effect that the resized mining block of 6.30 Ha encompasses state land only.**
- e) While examining the mining block on the latest available Google Earth Image, heavy illegal mining was observed which needs clarification from the MDLTF Cell and report whether the PP is involved in it.
- f) The Committee also observed presence of active water channels crisscrossing the mining block area leaving many scattered shoals which cannot be exploited without disturbing the normal flow of the nallah.

- g) The illegal mining activity in the block has drastically depleted the mineral resource and hardly any material is available for exploitation. Therefore, the PP needs to obtain ‘**Fit for mining certificate**’ from the G&M Dept. also mentioning therein that adequate replenishment has taken place in the block and there is enough material available which can be extracted without endangering the ecological and hydrological regime of the nalla.
- h) Mining depth of 3.0 m & bulk density of 2.25 adopted in the instant mining plan were not agreed by the committee.
- i) Specific NOCs be obtained w.r.t presence or absence of Irrigation canal /kuhls offtake points/ Flood protection structures etc. within 200m of the mining block.

**RECOMMENDATION OF THE COMMITTEE:**

- a) In view of the above deliberations and insight gained during the above cited appraisal process, the Committee did not recommend the case for grant of ToRs in the present form.
- b) However, the PP, if he so desires, may again approach the JKEIAA after getting the mining block further resized taking into account the actual site conditions, obtaining fit for mining certificate from the G&M Dept. and reassessment of available minable reserves, besides clarification on Title of the proposed area.

**OBSERVATIONS ABOUT CONDUCT OF CONSULTANTS**

(Excellent/Good /Average/Poor)

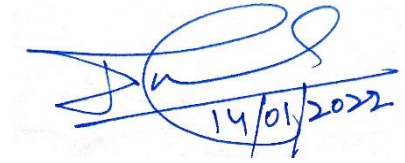
(SCALE: 9 to 10= Excellent / 7-8=Good /5-6=Average / 4-5= below average / less than 3= Poor)

S. No.	Component	M/S Atmos sustainable Solutions India Pvt Ltd.	M/S P and M Solutions, Noida	Mr. Abdul Majeed Mir (RQP)	Mr. Pankaj Panday, RQP
1	Submission of the documents	5	6	5	5
2	Site Appreciation Note, kml /kmz file, site photo and site videos and PowerPoint presentation	5	5	5	5
3	Presentation of factual details of case(s)	5	5	5	3
4	Field knowledge of the case(s)	5	5	5	4
5	Formulation of PFR, EMP, EIA, CER etc.	5	6	6	5
	Overall professional conduct during proceedings	<b>5.0</b>	<b>5.4</b>	<b>5.2</b>	<b>4.4</b>

Note: The recommendations made herein above are subject to grant of extension to the Letter of Intents of the pertinent cases by the Competent Authority and in case extension to LoI to any of the above cited cases is not granted, the recommendations thereof made herein above shall automatically stand withdrawn.



The minutes were formulated online by the JK Level Expert Appraisal Committee (JKEAC) immediately after the deliberations and are hereby issued with approval of the esteemed Chairman, JKEAC.



(Humayun Rashid)  
S E C R E T A R Y

JKUT level Expert Appraisal Committee

**NO:EAC/JK/22/12295-12306**

**Dated:14-01-2022**

Copy by email to:

1. The Member Secretary, J&K Environment Impact Assessment Authority (JKEIAA), /PCCF/Director, Ecology, Environment and Remote Sensing, J&K Govt., Jammu for favour kind information. Her kind attention is invited towards SEIAA Minutes of Meeting issued vide No. JKEIAA/2016/02/VII/5051-61 dated 27/12/2021 in reference to Annexure-B *Standard conditions relating to monitoring of peak particle velocity at 500m distance or within the nearest habitation (Noise and vibration monitoring and prevention)*. The Committee is of the considered view that the movement of hundreds of trucks / trailers loaded with RBM and passing on rough roads through habitations is bound to generate huge noise pollution which needs proper and effective monitoring and that can be ensured by retaining the said condition. Necessary action in this regard is solicited.
2. Sh. S. C. Sharma, Chairman, J&K Expert Appraisal Committee, (JKEAC) 331 Shastri Nagar, Jammu-180004 for favour of kind information.
3. Sh. M.A Tak, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 124 Mominabad (Near Jakfed), Anantnag Kashmir,-192101 for favour of kind information.
4. Sh. BrajBhushan Sharma, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 278/2 Channi Himmat, Jammu for favour of kind information.
5. Professor Shakeel Ahmad Romshoo, Member, J&K Expert Appraisal Committee, (JKEAC) Department of Earth Sciences Kashmir University Srinagar-190006 for favour of kind information and necessary action please.
6. Sh. Abdul Rashid Makroo, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) H/No. 9 Lane No 11 Sector C, Gulshan Nagar Nowgam Bypass, Srinagar-190019 for favour of kind information please.
7. Professor ArvindJasrotia Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 33/D Sainik Colony Jammu-180011 for favour of kind information please.
8. Dr.Ghulam Mohammad Dar, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Main Campus IMPA&RD, M.A Road, Srinagar-190001 for favour of kind information please.
9. Sh. IrfanYasin, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Bagh-e-Hyderpora, Bypass, Srinagar for favour of kind information please.
10. Professor Anil Kumar Raina, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Department of Environmental Science University of Jammu, Jammu-180006 for favour of kind information please.
11. Professor M. A. Khan, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Khan House, A-27 Milatabad, Peerbagh "B" Srinagar for favour of kind information please.
12. Dr.Falendra Kumar Sudan, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Professor Department of Economics University of Jammu, Jammu for favour of kind information please.
13. Sh. Sheikh Sajid, PA for information and with direction to upload the minutes on the environmental clearance portal at [parivesh.nic.in](http://parivesh.nic.in).
14. Concerned File.

## **ANNEXURE-B**

### **STANDARD AND SPECIFIC CONDITIONS FOR GRANT OF ENVIRONMENTAL CLEARANCE WITH RESPECT TO RIVER BED MINING PROJECTS ON LEASE BASIS**

#### **STANDARD CONDITIONS :-**

##### **Statutory compliance**

- 1) This Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble Supreme Court of India, Hon'ble High Court of J&K, Hon'ble NGT and any other Court of competent jurisdiction, as may be applicable.
- 2) The Project Proponent complies with all the statutory requirements and judgement of Hon'ble Supreme Court dated 2<sup>nd</sup> August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations.
- 3) The UT Government of J&K shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgement of Hon'ble Supreme Court dated 2<sup>nd</sup> August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
- 4) This Environmental Clearance shall become operational only after receiving formal NBWL Clearance from MoEF&CC subsequent to the recommendations of the Standing Committee of National Board for Wildlife, if applicable to the Project.
- 5) This Environmental Clearance shall become operational only after receiving formal Forest Clearance (FC) under the provision of Forest Conservation Act, 1980, if applicable to the Project.
- 6) Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining Consent to Establish / Consent to Operate from the concerned State Pollution Control Board/COMMITTEE.
- 7) The PP shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. PP shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines from time to time.
- 8) The Project Proponent shall obtain consents from all the concerned land owners, before start of mining operations, as per the provisions of MMDR Act, 1957 and rules made there under in respect of lands which are not owned by it.
- 9) The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IAJI (M), dated 29<sup>th</sup> October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
- 10) A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
- 11) State Pollution Control Board/COMMITTEE shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.

- 12) The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area.
- 13) The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/COMMITTEE and web site of the Ministry of Environment, Forest and Climate Change ([www.environmentclearance.nic.in](http://www.environmentclearance.nic.in)). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
- 14) The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred than mining operation shall only be carried out after transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.

#### **Air quality monitoring and preservation**

- 15) The PP shall generate data on air quality parameters PM10, PM2.5, NO2; CO and SO2 etc. as covered in the EIA Report covering the aspects of transportation, extraction, etc in the impact zone as per the site condition to ascertain the exposure characteristics at specific places and submit the same along with 6-monthly compliance report to concerned IRO. The data be also displayed prominently at the site.
- 16) Effective safeguard measures for prevention of dust generation and subsequent suppression by way of regular mechanical water sprinkling & other measures shall be carried out in areas prone to dust pollution including haulage route.

#### **Water quality monitoring and preservation**

- 17) In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
- 18) Regular monitoring of springs in and around the mine lease shall be carried out and recorded maintained. Natural water bodies and or streams which are flowing in and around the project area should not be disturbed. The PP in consultation with concerned department shall regularly monitor the groundwater table in open dug well located in the nearby villages to ascertain the impact of mining over ground water table. PP shall submit Report on changes in Ground water level and quality shall be submitted on six-monthly basis to Regional Office of the Ministry, MoEF&CC, CGWA and State Groundwater Department / State Pollution Control Board.
- 19) The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease and maintain its records. The Project Proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby/ adjacent to the mine lease and maintain its records. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. PP shall carryout regular monitoring w.r.t. pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations

without justification and prior approval of MoEFCC. The monitoring of water courses/bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.

### **Noise and vibration monitoring and prevention**

- 20) The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
- 21) The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.
- 22) The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.

### **Mining plan**

- 23) The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation subject to changes recommended in the specific conditions herein below. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management , O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form to Short Term Permit (STP), Query license or any other name.
- 24) The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines/Department of Mining & Geology as required under the Provision of the MMDR Act, 1957 and Rules/ Guidelines made there under. A copy of approved final mine closure plan shall be submitted within 2 months of the approval of the same from the competent authority to the concerned Regional Office of the Ministry of Environment, Forest and Climate Change for record and verification.
- 25) The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the

monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.

### **Transportation**

- 26) No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. *(In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated.)* All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.
- 27) The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipment's like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

### **Green Belt**

- 28) The river bed mining projects involve extraction of sand, gravel and Bajri from dry river/ Nallah Bed and plantation in the 7.5 m buffer of the mine lease will mean plantation in between the river/nallah bed which will obstruct the natural flow of the river/nallah and might also lead to change in natural habitat of aquatic fauna. In lieu of the plantation on river bed the proponents will carry out plantation in the adjacent villages after due consultations with the PR/locals and the concerned DFO. Besides, the PP shall adhere to the conditions for green belt development as per ESR/CER/EMP strictly.
- 29) The Project Proponent shall carry out plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.

- 30) The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.
- 31) The Project Proponent shall undertake all precautionary measures for conservation and protection of endangered flora and fauna and Schedule-I species during mining operation. A Wildlife Conservation Plan shall be prepared for the same clearly delineating action to be taken for conservation of flora and fauna. The Plan shall be approved by Chief Wild Life Warden of the State Govt.
- 32) And implemented in consultation with the State Forest and Wildlife Department. A copy of Wildlife Conservation Plan and its implementation status (annual) shall be submitted to the Regional Office of the Ministry.

### **Public hearing and human health issues**

- 33) The Project Proponent shall appoint an Occupational Health Specialist for Regular as well as Periodical medical examination of the workers engaged in the mining activities, as per the DGMS guidelines. The records shall be maintain properly. PP shall also carryout Occupational health check-ups in respect of workers which are having ailments like BP, diabetes, habitual smoking, etc. The check-ups shall be undertaken once in six months and necessary remedial/ preventive measures be taken. A status report on the same may be sent to MoEFCC Regional Office and DGMS on half-yearly basis.
- 34) The Project Proponent must demonstrate commitment to work towards 'Zero Harm' from their mining activities and carry out Health Risk Assessment (HRA) for identification workplace hazards and assess their potential risks to health and determine appropriate control measures to protect the health and wellbeing of workers and nearby community. The proponent shall maintain accurate and systematic records of the HRA. The HRA for neighbourhood has to focus on Public Health Problems like Malaria, Tuberculosis, HIV, Anaemia, Diarrhoea in children under five, respiratory infections due to bio mass cooking. The proponent shall also create awareness and educate the nearby community and workers for Sanitation, Personal Hygiene, Hand washing, not to defecate in open, Women Health and Hygiene (Providing Sanitary Napkins), hazard of tobacco and alcohol use. The Proponent shall carryout base line HRA for all the category of workers and thereafter every five years.
- 35) The PP shall periodically monitor health of all the workers involved at mining site as per the regulations of Mines act.
- 36) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For this purpose, schedule of health examination of workers should be drawn and followed accordingly as per the regulations of Mines act. A First Aid Room shall be provided in the project both during construction and operations of the project.
- 37) The Project Proponent shall ensure that 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.
- 38) Project Proponent shall make provision for the housing for workers/labors or shall construct labour camps within/outside (company owned land) with necessary basic

infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.

- 39) The activities proposed in Action plan prepared for addressing the issues raised during the Public Hearing, if applicable, shall be completed as per the budgetary provisions mentioned in the Action Plan and within the stipulated time frame. The Status Report on implementation of Action Plan shall be submitted to the concerned Regional Office of the Ministry along with District Administration.

**Corporate Environment Responsibility (CER)**

- 40) The activities and budget earmarked for Corporate Environmental Responsibility (CER) as per Ministry’s O.M No 22-65/2017-IA. III dated 30/09/2020 or as proposed by EAC should be kept in a separate bank account. The activities proposed for CER shall be implemented in a time bound manner and annual report of implementation of the same along with documentary proof viz. photographs, purchase documents, latitude & longitude of infrastructure developed & road constructed needs to be submitted to Regional Office MoEF&CC annually along with audited statement.
- 41) Project Proponent shall keep the funds earmarked for environmental protection measures in a separate account and refrain from diverting the same for other purposes. The Year wise expenditure of such funds should be reported to the MoEFCC and its concerned Regional Office.

**Miscellaneous**

- 42) The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area and KML file for recording the base line data and closure time data (after three years) and submit a report to concerned Regional Office of the MoEFCC.
- 43) The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- 44) The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
- 45) A separate ‘Environmental Management Cell’ with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEFCC.
- 46) The concerned Regional Office of the MoEFCC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEFCC officer(s) by furnishing the requisite data / information / monitoring reports.

**SPECIFIC CONDITIONS: -**

1	The Project Proponent must obtain NOCs from competent authority of all the concerned stake holder departments /Joint Inspection Report prior to grant of formal
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	Environmental Clearance (EC). The EC shall be subject to strict compliance of conditions of the NOCs issued by the stake holder departments.
2	The cremation ground if any in the vicinity be properly demarcated and left undisturbed and its map showing geographical coordinates be submitted to JKEIAA before issuance of formal EC. Besides, map showing extraction route bypassing village settlements and agricultural/horticultural land as far as possible be submitted to the JKEIAA before formal grant of EC.
3	The maximum exploitation of the RBM from the mining block shall be as per approved mining plan or <u>as per revised mining plan to be approved by competent authority <i>denovo</i></u> within the prescribed area and depth recommended by the JK Expert Appraisal Committee, as the case may be and <u>whichever is less</u> . Mining depth mentioned above the recommended depth by JKEAC, if mentioned anywhere in any of the submitted documents whether by mistake or otherwise, shall be treated as omitted.
4	A green belt shall be developed under close supervision of the local panchayat.
5	The river bed material shall be sold to the local population within radial distance of 2 kms from the mine site for residential construction purpose at 50% concessional rates.
6	The formal lease shall be granted only after the Project Proponent deposits the funds earmarked under EMP / CER in a separate account to be opened for the purpose and funds be utilized in coordination with DFO, Social Forestry Dept. and concerned Chief Medical Officer (CMO) under supervision of local Panchayat Head. The funds earmarked for CSR shall also be utilized in accordance with CSR Policy Rules.
7	All the provisions of Minor Mineral Rules sanctioned under SRO105 with all amendments with respect to pertinent provisions of the legal framework relating to progressive mine closure shall be complied by the Project Proponent.
8	This Environmental Clearance is subject to final outcome of any litigation pending before Hon'ble Supreme Court of India, Hon'ble High Court of Jammu & Kashmir, Hon'ble NGT, or any other Court of Law, if any, as may be applicable to this project.
9	This Environmental Clearance is without prejudice to the standing instructions /orders from the competent authorities in the MoEF&CC, GoI and the UT of J&K w.r.t river bed mining activity.
10	An inspection Committee comprising of Additional Dy. Commissioner, District Mineral Officer, representative of Pollution Control Board, Executive Engineer Irrigation & Flood Control Dept., Executive Engineer, PHE( Jalshakti) Dept. and District Fisheries Officer shall monitor the implementation of the EMP and also certify at the end of each monsoon, that sufficient replenishment of the minor mineral has taken place during monsoon and further mining in the mining block shall not adversely affect the hydrological and ecological settings in the area.
11	The Project Proponent shall take all precautionary measures during mining operations for conservation and protection of endangered fauna and flora in the area.
12	Masks and PPE shall be provided to the workers in view of COVID-19.
13	Social distancing norms and other standard operating procedures relating to COVID-19 shall be followed during mining activity.
14	The plan worked out and expenditure made under Occupational Health should be undertaken in consultation with the Local Health Institution/PHC/Sub-Centre for utilization for the health and welfare of the local workers involved in mining activity and villagers living in the close vicinity. Regular Medical checkups and free medicines shall be provided under the fund.



15	The Project Proponent must ensure that the biological clock of the villagers in the vicinity of the project is not disturbed by any unauthorized night operations and all measures must be taken for keeping the noise levels within prescribed levels.
16	Provision shall be kept for housing of the labour force, toilets, facilities for cooking, safe water, health care, crèche etc. for the labour force.
17	A final Mine closure Plan along with details of Corpus fund shall be communicated to the MoEF&CC in advance for approval.
18	The top soil in case of surface land mining shall be temporarily stored at the designated / appropriate site and concurrently used for land reclamation.
19	The mining operations shall be undertaken in a systematic manner so that it does not damage the aesthetic view of the area.
20	Adequate steps should be taken to check soil erosion and engineering structures shall be raised wherever required. The mining shall be restricted to 3/4 <sup>th</sup> of the width of the river/riverlet or 7.5 m(inward) from river bank but upto 10% of the width of the river. While calculating targeted mineral production and while formulating the mining plan, the project proponent shall ensure that the area for removal of minerals shall not exceed 60% of the mine lease area, and any deviation or relaxation in this regard shall be adequately supported by the scientific report in accordance with Sand Mining Monitoring & Enforcement Guidelines of 2020.
21	The compliance report shall be submitted to the Regional Office of the MoEF&CC at Chandigarh with a copy to the Regulatory Authority.
22	The mining activity should in no case go beyond the area as mentioned in the Letter of Intent or Environmental clearance letter, whichever is less and a buffer area is maintained such that the slopes of adjoining area does not get disturbed.
23	All the provisions made and restrictions imposed as covered in the Minor Mineral Rules, shall be complied with, particularly regarding Environment Management Practices and its fund management.
24	The recommendations made in the District Survey Report on sustainable mining practices if any shall be complied.
25	The mining shall be done in bench form with maximum bench height within the mining depth as prescribed by the Expert Appraisal Committee
26	Mining should be initiated only after installation of signboards with demarcation pillars indicating the geo-coordinates of the plot as mentioned in the letter of intent, measurements (length/breadth) and should be laid in presence of the authorized official of the Geology & Mining Department. All vertices /corners of the mining block must be marked with concrete pillars of size 0.5mtx0.5mt x2.5mts (2.5 mts. is the depth below the NSL).The demarcation pillars site should mention the specific EC conditions and contact details of concerned authorities responsible for monitoring of compliance of EC conditions/district administration/Police at four corners of the mining block prominently on a large size durable display board for enabling the public to inform the authorities in case of violation of the EC conditions. The display board with details shall be maintained in perfect order throughout the period of lease/mining.
27	There should be no change in the method of excavation and quantity of minerals to be extracted.
28	The EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This should be produced before officers concerned for inspection.

29	The access to mining site should be controlled in a way that vehicles carrying mineral from that area are tracked and accounted for in accordance with standing guidelines issued by the Govt.
30	The Geology & Mining Department should use technology like Bar Coding, Information and Communications Technology (ICT), Web based and ICT enabled services, mobile SMS App etc. to account for weight of mineral being taken out of the plot and the number of trucks moving out with the mineral.
31	The PP should ensure no agriculture land in the area is used for any storage of sand or gets damaged due to any other transportation activity. Where ever, damages to agricultural land, assets or human or bovine life by way of plying of trollies and tippers etc. involved in transportation of minor mineral is reported, the Project Proponent shall pay adequate compensation with penalty to the effected persons as to be fixed up by the competent authority.
32	Waste generated will be collected on regular basis and will be disposed as per the Municipal Solid Waste Management (Management & Handling) Rule 2000 and its subsequent amendments.
33	Spring sources should not be affected due to mining activities. Necessary Protection measures are to be incorporated.
34	The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.
35	Overloading of trucks and trolleys will be avoided.
36	All the instructions from authorities representing various government departments having stakes shall be complied with during the mining operations.
37	Haul road will be kept wide, compact and water spraying will be done. It shall be properly maintain by the PP and restored to original position after mining. Axel load on the roads should not exceed the prescribed load as per IRC
38	Restricted working hours. Mining operation has to be carried out between 6 am to 7 pm. During day light. Mining operations shall not be allowed at night.
39	No overhangs shall be allowed to be formed due to mining and mining shall not be allowed in area where subsidence of rocks is likely to occur due to steep angle of slope. Mining activity shall not be avoided in rainy season
40	Vehicles used for transportation of material are to be permitted only with fitness and PUC Certificates.
41	There shall be no extraction of stone / boulder in landslide prone areas.
42	Adequate facility for drinking water and toilets should be provided for the workers.
43	There should be controlled clearance of overground vegetation to be undertaken.
44	Transport of mineral will not be done through villages / habitations and any private productive or waste land.
45	Deep drilled handpump with sufficient funding provision should be earmarked for providing drinking facility to the labour force.
46	Recommendations of National Institute for Labour for ensuring good occupational environment for mine workers would also be adopted.
47	The PP shall be responsible for enforcement of COVID-19 standard operating procedures and guidelines with respect to safety of workers involved in the mining activity.
48	Project Proponent shall ensure that the road may not be damaged due to transportation of the mineral and transport of minerals will be as per IRC relevant guidelines if any in this regard.

49	Health and safety of workers should be taken care of. They should also be provided training in safety and health care aspects.
50	Junction at takeoff point of approach road with main road be properly developed with proper width and geometry required for safe movement of traffic by concession holder at his own cost.
51	No stacking shall be allowed on road side along National Highway or any public road.
52	Concealing of any information/data of submission of wrong/fabricated information by the Project Proponent and failure to comply with any of the above conditions may lead to withdrawal of the EC and attract action under the provisions of EP Act, 1986.
53	Mining shall be done manually minimally supported by semi-mechanized methods. Heavy machinery like JCBs, Excavators/L&T hydraulic excavators etc. should not be allowed. Emphasis should be given to employment of locally available labour force to address the socio-economic concerns of the locals.
54	The progressive mine closure shall be as per Rules in vogue. All actions relating to progressive mine closure shall be taken well in advance during the final year of mining so that the site is rehabilitated ecologically.
55	The reasonable concerns expressed by the local population during public hearing or otherwise shall be addressed by the Project Proponent. No blasting operations shall be allowed.
56	No mining activity shall be carried out in flowing water channel area within the mining block and adequate measures shall be taken to safeguard water quality and aquatic life including fisheries if available in the same.
57	The PP shall earmark funds strictly as per the agreed Environmental Management Plan to be spent on environmental monitoring, dust sprinkling, green belt development, rehabilitation of mined out area and landscaping/regressing and haulage route maintenance. The detailed updated plan shall be submitted to JKEIAA as per above deliberations before grant of formal EC, if desired by the JKEAC. Further, the CSR funds shall be earmarked and utilized as per CSR Rules.
58	The hydraulic structures/embankments /protection bunds shall not be disturbed /damaged during mining operations.
59	The alignment of the bank of the river and water shall not be changed in any case.
60	The water way of the Nalla shall not be restricted.
61	The applicant is bound to abide by the J&K Water Resources (Regulation and Management) Act and Rules of 2011 and J&K Fisheries Act, 2016 and all other relevant Acts and Rules thereof.
62	The EC is subject to condition that the mining block is located on state land exclusively in river bed without any encumbrances of any sort.
63	Under CSR, within 2 km radial distance, activities like regular health check-up of local villagers once a week shall be undertaken with free medicines. Safe drinking water facility by way of renovation of existing tanks/wells, digging of new tube wells and installation of water filters shall be undertaken. Skill development trainings shall be organized for unemployed local youth. Further, construction of toilets in schools, solar street lighting, free distribution of books, note books, N95 masks, hand sanitizers and school bags among students within 2 km radius from the mine area shall be undertaken. Under EMP, with 2 kms radial distance from mine area; air, water, soil, noise pollution monitoring on half yearly basis, black topping of roads passing through villages and maintenance of haulage /extraction routes, water sprinkling, PPE to mine workers, bearing of school/college fee and allied costs on education of children of mine workers, bearing of all costs on ailments/healthcare of mine workers, creation of green belt by

	way of raising and maintenance of 2500 trees per hectare on land identified by DFO Social Forestry concerned in consultation with village panchayat during the period of mining, shall be undertaken.
64	The JKEIAA reserves the right to impose any other condition in the EC at any time during the period of mining lease. The JKEIAA reserves the right to revoke the EC in case any of the environmental clearance conditions are violated during the mining activity. Mere grant of Environmental Clearance does not entitle the Project Proponent for grant of mining lease unless he obtains all other clearances as required under other provisions of law.
65	The EC is subject to condition that the Project proponent shall not change the water course of the river and no mining activity shall be carried out in active channel area, if any in the mining block.
66	Wherever the PP has to transport the mined out material across shallow water creeks found inside the mining block, he shall lay Hume pipes of appropriate sizes for the purpose so as not to disturb the natural flow of water.
67	On the request of project proponent, the competent authority shall issue necessary corrigendum to the approved mining plan w.r.t mining depth and area excluding the active water channel /green patch/ flood control structures/maintenance of safe distance to bridges/hydraulic structures and quantification of the targeted mineral, if and wherever, recommended by the Expert Appraisal Committee.
68	The project proponent shall undertake an environmental audit at least once a year by a reputed third-party entity and report of such audit shall be placed in public domain.
69	To ensure that irrigation inlets are not left high and dry due to mining and resultant degradation of bed, the Project Proponent also must construct well-designed cut-off walls, stretching bank to bank, having depth 1.5 times the maximum scour depth below the bed level, both upstream and downstream, maintaining prescribed distance from irrigation inlet/s as per guidelines.
70	The District Mineral Officer shall monitor the replenishment of the mined-out areas, traffic management, levels of production, river bank erosion, exit point of the site and instruct the Project proponent for initiating measures for mitigating environmental concerns.
71	The PP shall not sub-let the mining block to any third party without written approval from the JKEIAA
72	After ceasing the mining operations, the project proponent shall undertake re-grassing of the mining lease area and any other area which may have been disturbed due to mining activities and restore the area to a condition fit for growth of flora, fauna and fodder as per rules in vogue.
73	The Project Proponent shall strictly adhere to the Sand Mining Guidelines of 2016 and Enforcement and Monitoring Guidelines of 2020 issued by the Ministry of Environment, Forest & Climate Change, GoI
74	An appeal against the EC shall lie with the Hon'ble NGT, if preferred within 30 days as prescribed under Section 16 of the NGT Act, 2010.
75	In the event any conflict in interpretation of Standard /General Conditions vis-a vis Specific Conditions, the Specific Conditions shall prevail.

## **ANNEXURE-C**

### **STANDARD AND SPECIFIC CONDITIONS FOR GRANT OF ENVIRONMENTAL CLEARANCE WITH RESPECT TO RIVER BED MINING PROJECTS ON SHORT TERM PERMIT BASIS**

**GENERAL CONDITIONS: -**

<b>Category</b>	<b>S. No.</b>	<b>Environmental Conditions</b>
<b>Stake holder engagement</b>	1	All the provisions made and restrictions imposed as covered in the Minor Mineral Rules, shall be complied with, particularly regarding Environment Management Practices and its fund management.
	2	The genuine concerns of the local people translated through local Panchayat shall be addressed during the mining operations
	3	The labourers should preferably be from nearby villages
	4	All the orders from Hon'ble Courts of competent jurisdiction and authorities representing various government departments having stakes shall be complied with during the mining operations.
<b>Sustainable Mining Practices</b>	5	The recommendations made in the District Survey Report on sustainable mining practices if any shall be complied
	6	The depth of mining in Riverbed shall be as recommended by the J&K Expert Appraisal Committee
	7	Mining activity shall not be allowed in rainy season
	8	The Geology & Mining Dept. shall study the replenishment of the dugout pits and document it for updating the District survey report
	9	The mining shall be restricted to 3/4 <sup>th</sup> of the width of the river/rivulet or 7.5 m(inward) from river bank but upto 10% of the width of the river.
	10	No stream should be diverted for the purpose of sand mining. No natural water course and/ or water resources are obstructed due to mining operations.
	11	Mining shall be carried by low profile machinery without adoption of drilling & blasting. The RBM shall be exploited manually with spade, chisel, etc.
<b>Identification and Preparation of Mining Site</b>	12	Mining should be initiated only after installation of signboards with demarcation pillars indicating the geo-coordinates of the plot at each corner to be laid in presence of the authorized official of the Geology & Mining Department

	13	There should be no change in the method of excavation and quantity of minerals to be extracted.
<b>Monitoring the Mining of Mineral and its Transportation</b>	14	The EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This should be produced before officers concerned for inspection
	15	The access to mining site should be controlled in a way that vehicles carrying mineral from that area are tracked and accounted for in accordance with standing guidelines issued by the Govt.
	16	The Geology & Mining Department should use technology like Bar Coding, Information and Communications Technology (ICT), Web based and ICT enabled services, mobile SMS App etc. to account for weight of mineral being taken out of the plot and the number of trucks moving out with the mineral.
<b>Noise Management</b>	17	Noise arising out of mining and processing shall be abated and controlled at source to keep within permissible limit. Measures should be taken to control noise levels below 85 dBA in the work environment. Workers should be provided with ear plugs.
	18	Restricted working hours. Mining operation has to be carried out between 6 am to 7 pm.
<b>Air Pollution and Dust Management</b>	19	The EC holder shall take all measures for protection of Environment and control of Pollution.
	20	The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly at loading, unloading and transfer points.
	21	The critical parameters of the Air and water shall be monitored within the impact zone of the Mine area particularly in the nearby habitations. The standing instructions issued from time to time by the Ministry of Environment, Forest & Climate Change (MoEF&CC) and Central Pollution Control Board (CPCB) shall be referred in this regard for compliance.

	22	Air due to dust, exhaust emission or fumes during mining and processing phase should be controlled and kept in permissible limits specified under environmental laws.
	23	The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.
	24	Overloading of trucks and trolleys will be avoided.
	25	Personal protective equipment's will be provided to the workers.
	26	Haul road will be kept wide, compact and water spraying will be done. It shall be properly maintained by the PP and restored to original position after mining. Axle load on the roads should not exceed the prescribed load as per IRC
<b>Solid waste management</b>	27	Waste generated will be collected on regular basis and will be disposed as per the Municipal Solid Waste Management (Management & Handling) Rule 2000 and its subsequent amendments.
	28	Bins shall have to be provided at site for collection of solid waste.
<b>Bio-Diversity Protection</b>	29	Adequate measures must be taken for the protection of local fauna and flora
	30	Protection of turtle and bird habitats shall be ensured.
	31	No felling of trees near mining site is allowed.
	32	Spring sources should not be affected due to mining activities. Necessary Protection measures are to be incorporated.
<b>Management of Instability and Erosion</b>	33	The PP shall use of oversize material to control erosion and movement of sediments
	34	There shall be no extraction of stone / boulder / sand in landslide prone areas.
	35	There should be controlled clearance of riparian vegetation to be undertaken



	36	The PP should take adequate steps to check soil erosion and control debris flow etc. by constructing engineering structures
	37	No overhangs shall be allowed to be formed due to mining and mining shall not be allowed in area where subsidence of rocks is likely to occur due to steep angle of slope.
<b>Waste Management</b>	38	Site clearance and tidiness is very much needed to have less visual impact of mining.
	39	Dumping of waste shall be done in earmarked places as approved in Mining Plan
	40	Rubbish burial shall not be done in the Rivers.
<b>Enhancement of Road Safety</b>	41	Vehicles used for transportation of sand are to be permitted only with fitness and PUC Certificates
	42	Junction at takeoff point of approach road with main road be properly developed with proper width and geometry required for safe movement of traffic by concession holder at his own cost.
	43	Project Proponent shall ensure that the road may not be damaged due to transportation of the mineral and transport of minerals will be as per IRC relevant guidelines if any in this regard.
	44	No stacking shall be allowed on road side along National Highways.
<b>Health and Safety</b>	45	Health and safety of workers should be taken care of. They should also be provided training in safety and health care aspects.
	46	Adequate facility for drinking water and toilets should be provided for the workers
	47	Transport of mineral will not be done through villages / habitations.
	48	Deep drilled handpump with sufficient funding provision should be earmarked for providing drinking facility to the labour force and accordingly it should be reflected in the revised EMP

	49	Recommendations of National Institute for Labour for ensuring good occupational environment for mine workers would also be adopted.
<b>COVID-19 SOPs</b>	50	The PP shall be responsible for enforcement of COVID-19 standard operating procedures and guidelines with respect to safety of workers involved in the mining activity.
<b>Other mandatory requirements</b>	51	The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
	52	The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
	53	The Project Proponent shall advertise, within 7 days of the date of issue of the EC, in two local dailies that the project has been granted EC and the copy of EC is uploaded on the MoEF&CC website at parivesh.nic.in. and copy of same should be endorsed to the Regional Office of the MoEF&CC at Chandigarh for information and necessary action.
	54	The MoEF&CC may alter/ modify or stipulate any other condition before, during the operations of the mine if it is found to be in the interest of environmental protection.
	55	Concealing of any information/data of submission of wrong/fabricated information by the Project Proponent and failure to comply with any of the above conditions may lead to withdrawal of the EC and attract action under the provisions of EP Act, 1986.
	56	An appeal against the EC shall lie with the Hon'ble NGT, if preferred within 30 days as prescribed under Section 16 of the NGT Act, 2010.

**Specific Conditions: -**

<b>1</b>	The EC shall be subject to other statutory clearances including clearance from Wildlife Protection Department and Standing Committee of the National Board of Wildlife, if applicable under rules.
<b>2</b>	The project proponent shall extract river bed material only within the prescribed mining depth as agreed by the Expert Appraisal Committee, strictly within the size of the plot area as provided in the allotment letter from G&M Dept. and within the prescribed period under Rules.

2	The EC shall be subject to the condition that the material extracted is utilized only for the purpose for which the applicant has applied.
3	The formal STP shall be granted only after the Project proponent transfers funds earmarked under EMP/CER/CSR to the concerned stake holder departments like CMO concerned and DFO concerned <b>in advance before grant of STPs</b> for utilization under close supervision of the Local Panchayat Head.
4	This Environmental Clearance is subject to final outcome of any litigation pending before Hon'ble Supreme Court of India, Hon'ble High Court of Jammu & Kashmir, Hon'ble NGT, or any other Court of Law, if any, as may be applicable to this project.
5	This Environmental Clearance is without prejudice to the standing instructions /orders from the competent authorities in the MoEF&CC, GoI and the UT of J&K w.r.t river bed mining activity.
6	The grant of EC does not imply approval of the Govt. required under any other provision of law applicable in the UT of J&K
7	Before granting the STP, the Geology & Mining Department shall certify that no mining lease is in operation within 500 mts upstream and downstream from the plot identified for STP.
8	The EC holder shall obtain an estimate from the concerned DFO, Social Forestry Division for planting recommended number of saplings of indigenous species in the nearby wastelands for which the funds required for planting and its maintenance for 2 years shall be transferred to the DFO, Social Forestry concerned <b>in advance</b> prior to grant of formal Short-Term Permit, for utilization to protect local biodiversity in the area. Accordingly, the PP shall revise the Environment Management Plan in consultation with concerned DFO Social Forestry Dept. if so desired by the Expert Appraisal Committee in its observation during deliberations. Separate account shall be maintained for the funds so earmarked.
9	The District Mineral Officer shall monitor the replenishment of the mined-out areas, traffic management, levels of production, river bank erosion, exit point of the site and instruct the Project proponent for initiating measures for mitigating environmental concerns.
10	The project proponent shall take all precautionary measures during mining operations for conservation and protection of endangered fauna and flora in the area.
11	The workers should be provided with PPEs. The plan worked out and expenditure made under Occupational Health should be undertaken in consultation with the Local Health Institution/PHC/Sub-Centre for utilization for the health and welfare of the local workers involved in mining activity and villagers living in the close vicinity. Regular Medical checkups and free medicines shall be provided under the

	fund. The funds earmarked under Occupational Health care shall be transferred to the CMO concerned <b>in advance</b> before grant of STP in favour of the project proponent who will maintain separate account for the same.
12	The project proponent must ensure that the biological clock of the villagers in the vicinity of the project is not disturbed by any unauthorized night operations and all measures must be taken for keeping the noise levels within prescribed levels.
13	Provision shall be kept for housing of the labour force, toilets, facilities for cooking, safe water, health care, crèche etc. for the labour force.
14	A final Mine closure Plan along with details of Corpus fund shall be communicated to the MoEF&CC in advance for approval.
15	The top soil in case of surface land mining shall be temporarily stored at an appropriate site and concurrently used for land reclamation.
16	The mining operations shall be undertaken in a systematic manner so that it does not damage the aesthetic view of the area.
17	Adequate steps should be taken to check soil erosion and engineering structures shall be raised near the bank wherever required.
18	Mining shall not be allowed where there is danger to flood protection works and places of cultural, religious and historical significance.
19	The compliance report shall be submitted to the Regional Office of the MoEF&CC at Chandigarh with a copy to the Regulatory Authority.
20	The EC shall be valid for a period as approved by JKEIAA, operational from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA, JKPCB and the concerned District Administration.