



0191-2474553/0194-2490602

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 92<sup>ND</sup> MEETING OF THE JK EXPERT APPRAISAL COMMITTEE HELD ON 31<sup>ST</sup> OF MARCH, 2022 VIA VIDEO CONFERENCING

In pursuance to Meeting Notice issued vide No: EAC/JK/22/13228-13251 dated: 25/03/2022, the 92<sup>nd</sup> Meeting of JK Level Expert Appraisal Committee (JKEAC) was held on 31<sup>st</sup> of March, 2022 at 10:30 P.M. via video Conferencing. The following attended the meeting:-

No.	Name	Designation
1	Mr. S.C. Sharma, IFS(Rtd.)	Chairman
2	Engineer B.B. Sharma	Member
3	Mr. Irfan Yasin	Member
4	Prof. Anil Kr. Raina	Member
5	Mr. A.R Makroo	Member
6	Mr.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 Environmental Clearance (EC) for River bed mining of Minor Mineral in Block No. 8, Revised Area- 5.80 Ha. Batapora Bridge Downstream Rambhara Nallah, District- Shopian, Jammu & Kashmir in favour of Shri Kapil Agarwal S/O Shri Jugesh Agarwal. (ADS)
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIN/59615/2021
File no:	SEAC/JK/20/376

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	5.80	34.43	278.33	27.50	25.50	4.20

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed (mts.)	Haulage Route (Kms)	Bulk density proposed by proponent	Cluster situation (Yes/No)
1.50	1	0.83	2.1	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
18/07/2020	29/12/2021	31/03/2022	03/10/2020	12/02/2021

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by	Previous Project proponent	Baseline data Collection by project proponent	Public Hearing	Case discussed	Area reduced by G&M Dept.

JKEIAA for the project on		as the case may be	held on	by JKEAC earlier on	
NA	NA	Mar-May 2021	26-08-2021	19-01-2021 30-10-2021 & 23-02-2022	11-10-2021

### **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 Impact Assessment / Environmental Management Plan/ Corporate Environmental Responsibility (EIA/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	
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	Not submitted	
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	5.00	
2	Haulage route maintenance	8.00	7.00	
3	Env. Awareness programme	0.50	0.50	
4	Pollution monitoring	2.00	2.00	
5	Dust suppression	3.00	4.00	
6	Occupational Health & Safety of mine workers	2.00	2.00	
7	Installation of Hume pipes	6.00	5.00	
	Total	<b>27.50</b>	<b>25.50</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	1.20	
2	Drinking water	Providing drinking water facility in the nearby village	1.00	

3	Covid -19	Distribution of Sanitizers, face masks etc in the nearby village.	1.00	
4	Sanitation	Construction of toilet in the nearby village	1.00	
	Total		<b>4.20</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	(Yes/No)
1	Proper demarcation of mining block/mining depth to be maintained	Yes

2	Prevention of illegal mining	Yes
3	EMP cost to be implemented practically	---
4	CER/CSR Activities for social upliftment	Yes
5	RBM material to locals on concessional rates	---
6	Manual mining & Employment to the local unemployed youth	Yes
7	Strongly opposed any such activity in the Nallah	Yes
8	A private school teacher opposed the project as there is apprehension of Noise & Air pollution.	Yes

**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	-	-	Features indicative of heavy illegal mining activity on Google Image of 09/2018
2	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
3	Bridge with only abutments, if any, located within mining	No	Yes	-	-	Safe distance to the bridge maintained by

	area/ within 500 mts. from the ends of mining block.					resizing the block
4	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	-	-	
5	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	-	-	
6	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	-	-	
7	Irrigation canal headworks/ khul inlets, if any located within mining block or	Not identifiable	Not identifiable	-	-	Google Image of 09/2018

	within 500 mts. of the mining block.					
<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	Yes	-	-	School in the close vicinity of the mining block

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

- a) The project had earlier been discussed by JKEAC in the 24<sup>th</sup> meeting held on 19.01.2021 during which the committee recommended TORs to the project subject to resizing of the mining block to maintain a safe distance of 500 mts from the bridge. The project proponent has applied afresh after resizing the mining block.
- b) The case had again been discussed by JKEAC for grant of EC in the 68<sup>th</sup> meeting held on 30-10-2021 during which the committee had not approved the case & desired prior compliance to following observations:
  - i) Existence of school in the neighbourhood and reservations expressed by teacher during public hearing to be addressed.



- ii) The District Administration should prescribe a specific haulage route which minimizes the problem of noise and air pollution in consultation with the local school authorities.
  - iii) Clarification from DMO concerned w.r.t use, nature and legal status of the structures observed in the close vicinity of the mining block.
  - iv) Preventive/protective measures to minimize the pollution resulting from mining operations need to be proposed and cost thereof provided in the EMP budget.
  - v) The PP needs to propose mining in dry shoals only and where crossing of active channels is unavoidable, scientific methods which minimize the disturbance of natural flow need to be proposed / adopted.
  - vi) Securing of non-involvement in illegal mining certificate from the competent authority.
  - vii) Securing a '*fit for mining certificate*' from G&M Dept. to the effect that adequate replenishment has taken place and there is enough material available in the proposed mining block that can be excavated without endangering ecological and hydrological regime of the area.
  - viii) Compliance to specific ToR condition relating to photographs of display screen of Air Quality Monitoring Station displaying the date of collection of baseline data.
  - ix) Revision of project cost.
  - x) Revision of the mining plan with mine closure plan, revised area, mining depth, surface plan, revised targeted mineral production and replenishment and its denovo approval by the competent authority.
- c) The case was again discussed by JKEAC for the grant of EC in the 86<sup>th</sup> meeting held on 23-02-2022 during which the committee had not recommended the case for the grant of Environmental Clearance & had desired prior compliance to following observations:
- i) The Committee had desired that the PP should get clarification from the District Adm. stating that the mining activity shall not have any adverse impact on the local environment especially environment of the school and that the haulage shall be exclusively from the District Police Lines side and not from the school side.
  - ii) Exclusion of active water channel while calculating the targeted mineral production.
  - iii) Compliance to specific ToR condition relating to photographs of display screen of Air Quality Monitoring Station displaying the date of collection of baseline data.
  - iv) Revision of the mining plan with mine closure plan, revised area, revised mining depth, bulk density, surface plan, targeted mineral production and replenishment and its denovo approval by the competent authority.
- d) During deliberations in the instant meeting, the Committee observed as under: -
- i) With respect to item i, the PP has submitted a fresh NOC issued by the Addl. Deputy Commissioner, Shopian vide letter No. DCS/ADC-PS/22/10523-25 dated 11/03/2022 stating that the PP has already resized the mining block from 9.64 Ha to 5.80 Ha. In view of the objections raised in public hearing, the PP has left 300 m from the school premises which is enough to protect the school from any damage that may result from extraction of minor mineral & has left 500 m distance from the Batpora bridge. Further, the transit road will be taken from police line side, as reported by DMO, Shopian.

- ii) With respect to item ii, active water channel has been excluded while calculating mineral production
- iii) With respect to item iii, the compliance to specific ToR condition relating to photographs of display screen displaying the date of collection of baseline data has not been submitted and compliance needs to be made **prior to grant of EC.**
- iv) With respect to item iv, the revision of the mining plan is awaited and same needs to be submitted **prior to grant of EC.**

**RECOMMENDATION OF THE COMMITTEE:**

In view of the above deliberations and insight gained during the above cited appraisal process, 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) Revision of Mining plan as deliberated herein above, **prior to grant of EC.**
- c) Submission of compliance to Specific ToR condition relating to photographs of display screen displaying the date of collection of baseline data, **prior to grant of EC.**
- d) **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.**
- e) **No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- f) Maximum targeted mineral production of **69,600 MT.**
- g) Condition the geographical coordinates as per revised area to be conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA.
- h) **Submission of compliance to all other observations made herein above under deliberations, prior to grant of EC.**
- i) 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: 02**

Title of case:	Grant of Environmental Clearance (EC) for RBM (River Bed Mineral) Minor Mineral Block Mining Project, Area of 9.83 ha., Block-07 at Batpora Bridge Upstream Rambiarra Nallah, District Shopian, U.T: Jammu & Kashmir favoring M/S Jagdish Singh S/o Sh. Vijay Singh R/O Malakpur District Pathankot, Punjab. jagdish.singhec@gmail.com
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category (B1/B2)	B1
Proposal no:	SIA/JK/MIN/59669/2021

File no:	SEAC/JK/20/370
Consultant with validity	P and M Solution valid till (10/12/2022)
Presenter of consultant:	Mynas Viyas
Project proponent / representative of Project proponent:	M/S Jagdish Singh

### 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	9.83	66.828	249.347	1.15	11.79	4.98

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed by PP in PRF/EIA (mts.)	Haulage Route (Kms)	Revised Bulk density proposed by proponent in PFR/EIA (mts.)	Cluster situation (Yes/No)
1.50	1.00	0.03	2.00	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
18/07/2020	29/12/2021	31/03/2022	03/10/2020	19/01/2021

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by	Previous Project proponent	Baseline data Collection by (previous) project	Public Hearing	Case Discussed	Area reduced by

JKEIAA for the project on		proponent as the case may be	held on	by JKEAC earlier on	G&M Dept.
NA	NA	March – May 2021	21/02/2022	19/01/2021	-

### **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	
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	

### **NO OBJECTION CERTIFICATES**

S. No.	Department	status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued conditionally	1. NOC issued by Astd. Ex. Engineer irrigation sub division Manul zoura shopian mentions the presence of supply channel Natoo canal, Manul Zoura canal Lar, Sanigloo and Sathoo canal.
2	Flood Control Dept.	Issued conditionally	
3	Fisheries Dept.	Issued Conditionally	
4	Forest Dept.	Issued as non-forest land	
5	Wildlife Protection Dept	Issued conditionally	
6	Pollution Control Board	Issued conditionally	

7	Revenue Dept.	<b>State Land</b>	
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	1.00	1.00	
2	Haulage route maintenance	0.15	1.50	
3.	Env. Awareness programme	0.00	0.00	
4	Pollution Monitoring	0.00	3.00	
5	Pollution control/ water sprinkling/Dust suppression	0.00	3.70	
6	Solid waste management	0.00	0.00	
7.	Occupational Health & Safety of mine workers	0.00	2.59	
9	Lying of Hume Pipes	0.00	0.00	
	<b>Total</b>	<b>1.15</b>	<b>11.79</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,	2.98	

		Distribution of Sanitizer, gloves and Mask to the nearby village and panchayat		
2	Electrification	Solar Lamp distribution & Solar street light installation in the village.	0.88	
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 / Renovation of toilets of nearby school	1.00	
5	Donation of Pattal & Dona machine	Donation of Pattal & Duna making machine in consultation with gram panchayat	1.00	
	Total		<b>4.98</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>	
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### GENERAL PUBLIC HEARING CONCERNS AND COMMITMENTS

S. No.	Usual concerns expressed by public during proceedings	Yes/No
1	Employment of local youth including transporters	Yes
2	Protection of Embankment of Nallah with concrete so that any kind of damage their houses/agriculture fields may be prevented	Yes
3	Mining should be done scientifically	Yes
4	Water sprinkling will be done on regular basis to control dust emission	Yes

### 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	-	-	As per latest available google image of 09/2018.
2	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
3	Bridge with only abutments, if any, located within mining	No	No	-	-	

	area/ within 500 mts. from the ends of mining block.					
4	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	-	-	
5	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	-	-	
6	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.	Yes	Yes	-	-	<b>Presumably bus and car parking with in the mining block</b>
7	Irrigation canal headworks/ khul inlets, if any located within mining block or	Not identifiable	Not identifiable	-	-	Not identifiable



	within 500 mts. of the mining block.					
<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 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	-	-	<b>School in the close vicinity of the block</b>

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

- a) The case had been discussed by the Expert Appraisal Committee earlier in the 24<sup>th</sup> Meeting held on 19/01/2021 for grant of ToR during which the Committee recommended Terms of Reference for the project subject to title verification of the river bed due to presence of Parking site of a school and NOC from Irrigation and Flood Control department.
- b) **The PP has now applied for grant of EC and in the instant meeting, during examination of the mining block on Google Earth using the KML file uploaded on the portal, it was found that the boundary of the mining block encompasses an area of more than 11.0 Ha while the mining block area is only 9.83 Ha as per the sanctioned LoI.**

- c) The mining block was examined using KML file of Shopian district received from the G&M Dept. and it was also found to be at variance with the mining block boundary submitted by the consultant. Further, the area of mining block as depicted by the KML file of G&M Dept. was also at variance with the area mentioned in the LoI.
- d) The Committee observed that as per surface plan an unmined area of approx.. 0.38Ha inside the mining block has been earmarked without any technical justification and as such, is unacceptable.
- e) The Committee also observed a school in the close vicinity of the mining block and opined that if desired buffer is left to protect the school from the adverse impact of the mining activity, it would hardly leave any area to be mined out in the block.

### RECOMMENDATION OF THE COMMITTEE

In view of the above deliberations / observations made by the Committee herein above, the Expert Appraisal Committee rejected the case for grant of EC.

### AGENDA ITEM NO: 03

Title of case:	Grant of Environmental Clearance (EC) for River bed Mining Project of Minor Mineral in Block No.05, revised Area 4.22 Ha Under Construction Bridge Chappergund to Wayil Upstream, Sind River, Village: Chappergund to Wayil, Tehsil & District-Ganderbal & U.T.: Jammu & Kashmir in favour of Shri. Amit Mahajan S/o Shri. Adarsh Mohan Mahajan R/o Near Kali Mata mandir, Kolluwali Gali, Tehsil & District - Pathankot, State - Panjab – 145001 ganderbalblock05@gmail.com
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B2
Proposal no:	SIA/JK/MIN/263177/2022, SIA/JK/MIN/67988/2021 & SIA/JK/MIN/61359/2021
File no:	SEAC/JK/20/548
Consultant with validity	P and M Solution valid till (10/12/2022)
Presenter of consultant:	Mynas Vyas
Project proponent / representative of  Project proponent:	Shri. Amit Mahajan

### CASE SUMMARY

Status		Bid cost	Project cost	EMP cost proposed	
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	Resized Area (Ha)	(in lacs)	(in lacs)	(in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	4.22	135.50	275.66	<b>10.71</b>	<b>9.21</b>	5.00

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed by PP in PFR/EIA (mts.)	Haulage Route (mts)	Revised Bulk density proposed by proponent in PFR/EIA (mts)	Cluster situation (Yes/No)
0.15	1.00	257.61	2.00	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
20/7/2020	29/12/2021	31/03/2022	22/02/2021	Declined on 26/10/2021

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	-	-	26/10/2021	19/03/2022

**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	Pre-Feasibility Report / Environmental Management Plan/ Corporate Environmental Responsibility (PFR/EMP/CER)	Formulated but needs revision	

**NO OBJECTION CERTIFICATES**

S. No.	Department	status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued conditionally	NOCs issued under Single window system by Deputy Commissioner Ganderbal Vide No: DCG/ARA/1473-76 dated: 22/05/2021.
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.	<b>State Land</b>	
8	PHE (Jalshakti) Dept.	Not submitted	
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	0.43	1.00	
2	Haulage route maintenance	1.28	1.50	
3.	Env. Awareness programme	0.00	0.00	
4	Pollution Monitoring	3.50	3.00	
5	Pollution control/ water sprinkling/Dust suppression	3.50	2.70	
6	Solid waste management	0.00	0.00	
7.	Occupational Health & Safety of mine workers	2.00	2.00	
9	Lying of Hume Pipes	0.00	0.00	
	<b>Total</b>	<b>10.71</b>	<b>9.21</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	2.00	
2	Electrification	Solar Lamp distribution & Solar street light installation	0.00	
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.	1.50	
5	Donation of Pattal & Dona machine	Donation of Pattal & Duna making machine in consultation with gram panchayat	1.50	
	Total		<b>5.00</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

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

<b>1</b>	Features indicative of any Illegal mining.	Yes	Yes	-	-	Google Image of Dec/2019
<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 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.	<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>	-	-	Not Identifiable on Google Image of Dec/2019
<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	-	-	



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 case had been discussed by the Expert Appraisal Committee earlier in the 67<sup>th</sup> Meeting held on 26/10/2021 for grant of ToR during which the Committee had declined to recommend Terms of Reference to the project unless following compliances were made by the PP: -
- i) Submission of Fit for Mining certificate.
  - ii) Submission of Illegal Mining report from MDDLTF cell.
  - iii) To maintain a safe distance of 500m from the bridge.
  - iv) Specific and categorical clearance be obtained from the Irrigation and Flood Control Dept. due to presence of Kuhl in close vicinity of the mining block.
- a) Now, in compliance to **point No i)**, the PP has submitted a *fit for mining certificate* from the Mineral officer G&M dept. vide letter dated 03/02/2022, mentioning therein that there is enough potential for extraction of minor minerals and the block is feasible for mining. **However, the Committee desired that the report should be endorsed by the Joint Director, G&M Dept., Kashmir as per procedure.**
- b) In compliance to **point no ii)**, the PP has submitted a report on illegal mining from the MDDLTF cell which mentions that the PP is not involved in any illegal mining activity.
- c) With respect to **compliance to no iii)**, the PP has again approached JKEIAA for consideration of the case after getting the Minor Mineral block resized to **4.22 ha** from its original area of **8.00 ha** from Joint Director G&M dept. vide letter dated 19/03/2022 while maintaining a safe distance of 500 mts. from the bridge and excluding the active water channel from the mining block.
- f) With respect to point No.iv, the PP has submitted NOC with Google image screen shot from the Irrigation and Flood control department Ganderbal vide letter dated 02/12/2021, which mentions that there is no irrigation canal network within the block for a width of 200 mts. The Committee observed that the NOC is ambiguous in nature and the distance of 200 mts. from the offtake points has been wrongly plotted on the Google image screen shot. **Therefore, the Committee desired that the PP should obtain fresh clarification from the Xen Irrigation Division, Ganderbal mentioning therein that no offtake points of any zamandari kuhl or canal lies within a distance of 200m from the boundary of resized mining block having area of 4.22 ha** with the consent of local PRI with the seal and signatures preferably on the Colour Google image of the area depicting the resized mining block boundary and Kuhl offtake points, if any.
- g) The PP has submitted Title verification from the concerned Tehsildar Ganderbal vide letter dated 10/01/2022 that mentions the said mining block as **state land**.

- h) The PP has also submitted a cluster certificate from Joint Director G&M department vide letter dated 23/03/2022 which mentions that no -auctioned minor mineral block falls within a distance of 500 mts from the e-auctioned minor mineral block no 05.
- i) Active water channel needs to be excluded from the mining block while calculating the targeting mineral production and mining should be restricted to only dry shoals of the mining block.
- j) Bulk density 2.3 adopted in the instant mining plan was not agreed by the committee.

**RECOMMENDATION OF THE COMMITTEE:**

In view of the deliberations and observations recorded herein above, the Committee did not agree to recommend the case for grant of EC in its present form. However, the PP, if he so desires, may again approach JKEIAA for grant of EC after complying with the observations recorded herein above under deliberations.

**AGENDA ITEM NO: 04**

Title of case:	Grant of Environmental Clearance (EC) for River bed mining of Minor Mineral in Block No. 10, revised area 0.65 Ha, ching Adigan Bridge Downstream Vishu nallah Tehsil: D.H.Pora District: Kulgam, UT J&K in favour of Shri Mushtaq Ul Islam S/O Shri Gh. Mohi Ud Din Bhat.(ADS)
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B2
Proposal no:	SIA/JK/MIN/261931/2022, SIA/JK/MIN/235936/2021 SIA/JK/MIN/62988/2021 & SIA/JK/MIN/57824/2020
File no:	SEAC/JK/20/339
Consultant with validity	M/S Oceao Enviro Management solution Pvt. Ltd. Valid till: 04/08/2024
Presenter of consultant:	Mr. Hemanshu Goel
Project proponent / representative of  Project proponent:	Shri Mushtaq Ul Islam

### 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	0.65	16.10	252.0	11.02	2.23	5.04

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed (mts.)	Haulage Route (Kms)	Revised Bulk density proposed by proponent	Cluster situation (Yes/No)
0.15	1	0.74	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
16/07/2020	28/12/2021	31/03/2022	14/09/2020	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	05/12/2020 10/07/2021 & 20/11/2021	14/03/2022

### **APPRAISAL PROCESS**

(To be filled by JKEAC during online appraisal)

#### **STATUS OF DOCUMENTATION**

<b>S. No.</b>	<b>Document</b>	<b>Status</b>	<b>Remarks of the Committee</b>
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**

<b>S. No.</b>	<b>Department</b>	<b>status as per NOC</b>	<b>Remarks/ Reference</b>
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)	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/ Budget recommended by Committee (in lacs)	
		Capital	Recurring	Capital	Recurring
1	Green belt development	0.20	0.05	1.00	1.00
2	Haulage route maintenance	4.20	0.42	4.50	1.00
3	Env. Awareness programme	0.00	0.00	0.50	0.50
4	Pollution monitoring	0.42	0.42	1.00	1.00
5	Dust suppression	0.42	0.42	1.00	1.00
6	Occupational Health & Safety of mine workers	3.55	0.57	3.55	0.57
7	Solid waste Management	0.23	0.15	0.25	0.25
8	Laying of Hume pipes	2.00	0.20	2.00	1.00
	<b>Total</b>	<b>11.02</b>	<b>2.23</b>	<b>13.80</b>	<b>6.32</b>

### COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Remarks Budget recommended by Committee (in lacs)
1	Electrification	Distribution of solar panels, solar light etc in the nearby village.	2.52	
2	Education	Provision of making smart classes in the nearby school	2.52	
	<b>Total</b>		<b>5.04</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	0.05	
3	Weight Bridge	10.00	0.50	
4	Personal Computer with power backup	1.00	0.05	
5	Mobile Application Barcode scanner	1.00	0.02	
6	Radio Frequency Identification Tag (RFID) and GPS	1.00	0.02	
7	Annual Audit of lease	0.00	0.25	
8	Security Guard	0.00	0.96	
	<b>Total</b>	<b>16.00</b>	<b>1.85</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 any Illegal mining.	No	No	-	-	Google Image of 10/2018
2	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the	No	No	-	-	

	ends of 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 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	No	No	-	-	

	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.	No	Yes	-	-	Features presumably indicative of presence of supply channel of irrigation works in the vicinity
<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 project had earlier been discussed by JKEAC in the 21<sup>st</sup> meeting held on 05.12.2020 during which the Committee had rejected the case for grant of Terms of Reference as it had been found that the mining block encompassed large chunk of orchards and cultivated land covering almost 45% of the area of the mining block.
- b) The project had again been discussed by JKEAC during its 47<sup>th</sup> meeting held on 10.07.2021 after the PP had resized the mining block from 8.84 Ha to 4.99 Ha by excluding the area under orchards and cultivated land. However, the Committee had out rightly rejected the case specifically keeping in view the anticipated /potential adverse environmental fallout of mining activity on availability of water for irrigation and water supply schemes in the area.
- c) The project again came under discussion in the 73<sup>rd</sup> meeting held on 20.11.2021 after the PP had further resized the mining block from 4.99 Ha to 1.84 Ha thereby maintaining a safe distance from an irrigation off-take point in the vicinity of the block. However, the Committee had not recommend the case for the grant of EC after making following observations:
  - a. *The Committee while examining the mining block on Google Earth platform revealed features indicative of existence of another irrigation off-take point at a distance of approx.75m from the resized mining block. The consultant was asked to clarify as to how the block could be considered when another irrigation off-take point is located within 200m from the block which is against the national guidelines. The consultant could not provide the committee with a satisfactory explanation in this regard.*
  - b. *The Committee also observed that even in the fresh NOC obtained by PP from the concerned Xen Irrigation Dept. vide letter dated 18/10/2021, wherein, ° as per the condition No.1, though no distance to any specific offtake points has been mentioned, it is clarified that extraction of RBM should not be carried out in the vicinity of offtake points of supply channel of any canal.*
  - c. *The consultant has also failed to evolve or suggest any mitigation measures which could enable taking up mining operations without potential adverse effects on supply/availability of water for irrigation purpose.*
- d) During deliberations in the instant meeting, the Committee observed as under: -
  - a. The PP has once again submitted the case after further resizing the mining block from 1.84 Ha to 0.65 Ha.
  - b. The PP has submitted a fresh NOC issued by Executive Engineer, Irrigation Division Kulgam Vide letter no. 6811-14 dated 19-03-2022 which states that in continuation to the NOC issued earlier, the spot was revisited for resizing & after spot verification it was found that the nearest point of the block 10 J-ching Adigan i.e, B1 having Latitude 33° 37' 32.98" N & Longitude 74° 55' 58.77" E is at a distance of 190 m away from the offtake point of supply channel of Mav Khul & Laisoo Adigan Ladi & is at a distance of 70 m away from the later running adjacent to it. The Consultant informed that he had applied for further resizing of the block to 0.60 Ha to maintain more than 200m distance from the offtake point of the Kuhl and the Committee desired that the PP should obtain fresh clarification from the concerned Xen Irrigation Dept. to the extent that the distance of the resized mining block area of 0.60 Ha is now more than 200m from any off-take point of the Kuhl/canals in the vicinity, **prior to grant of EC.**
- e) EMP cost has been under estimated & the same needs to be updated as suggested in the remarks column herein above, **prior to grant of EC.**

- f) Exclusion of active water channel while calculating the targeted mineral production.
- g) Revision of the mining plan with mine closure plan, revised area, revised mining depth, bulk density, 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 and insight gained during the above cited appraisal process, 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) Further resizing of the mining block to 0.60 Ha with fresh certification from the Xen Irrigation Dept. stating that the resized mining block is now more than 200m from any offtake point of kuhls/canals, **prior to grant of EC.**
- c) Revision of Mining plan as deliberated herein above, **prior to grant of EC.**
- d) Revision of EMP cost as deliberated herein above, **prior to grant of EC.**
- e) Exclusion of active water channel from the block, **prior to grant of EC.**
- f) **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.**
- g) **No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- h) Maximum targeted mineral production of **7200 MT.**
- i) Condition the geographical coordinates as per revised area to be conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA.
- j) **Submission of compliance to all other observations made herein above under deliberations, prior to grant of EC.**
- k) 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: 05**

Title of case:	Grant of Environmental Clearance (EC) for RBM (River Bed Mineral) Minor Mineral Block Mining Project, Revised Area of 1.85 ha., Block-20 at T – Brazlo Bridge Upstream Vishu Nallah, Kulgam J&K. favouring M/S Abdul Rashid Bhat S/o Abdul Ahad Bhat District-Shopian, J&K UT.kulgam20block@gmail.com
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category (B1/B2)	B1
Proposal no:	SIA/JK/MIN/57321/2020 & SIA/JK/MIN/226236/2021
File no:	SEAC/JK/20/311

Consultant with validity	<b>OCEAO Enviro Management Solutions India Pvt Ltd. Valid till: 04/08/2024</b>
Presenter of consultant:	Mr. Hemanshu Goel
Project proponent / representative of Project proponent:	M/S Abdul Rashid Bhat

### 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	1.85	52.80	314.72	10.92	5.64	<b>5.60</b>

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed by PP in PFR/EIA (mts.)	Haulage Route (mts.)	Bulk density proposed by proponent in PFR/EIA (mts)	Cluster situation (Yes/No)
0.15	1.00	600	2.00	<b>Yes</b>

### 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
16/07/2020	28/12/2021	31/03/2022	31/08/2020	17/11/2020

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by	Previous Project proponent	Baseline data Collection by (previous) project	Public Hearing held on	Case Discussed	Area reduced by

JKEIAA for the project on		proponent as the case may be		by JKEAC earlier on	G&M Dept.
NA	NA	Oct-Dec 2020	08/05/2021	17/11/2020 and 13/08/2021	14/01/2022

### 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	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	Dy. Commissioner, Kulgam vide Ref No. DCK/Estt/2021 22/321dated07/06/2021had conveyed NOCs of stake holders.  1. NOC issued by Ex. Engineer Jal shakti (PHE) division Qazigund mentions WS scheme of Pahloo Kilam, WSS Gund, Sahoo Sachan, Malpora Brari, Bumthan
2	Flood Control Dept.	Issued Conditionally	
3	Fisheries Dept.	Issued Conditionally	
4	Forest Dept.	Issued as non-forest land	
5	Wildlife Protection Dept	Not issued	
6	Pollution Control Board	Not issued	

7	Revenue Dept.	Issued as Shamlat and State land	Lelipora, Furrh Bumthan, Palpora Lasipora regional Devsar and WSS chowgam. 2. Fresh Title of the resized area not submitted by the PP. however the PP has submitted NOC from the Local PRI that they have no objection if the mining is done with scientific manner in the mining block.
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/ Budget recommended by Committee (in lacs)	
		Capital	Recurring	Capital	Recurring
1	Green belt development	0.30	0.08	2.00	1.00
2	Haulage route maintenance	0.66	0.66	3.00	2.00
3.	Env. Awareness programme	0.00	2.50	0.00	0.00
4	Pollution Monitoring	0.52	0.52	1.00	1.00
5	Pollution control/ water sprinkling/Dust suppression	0.66	0.66	1.00	1.00
6	Solid waste management	0.23	0.15	0.50	0.50
7.	Occupational Health & Safety of mine workers	3.55	0.57	3.00	1.00
9	Lying of Hume Pipes	5.00	0.50	5.00	4.00
	<b>Total</b>	<b>10.92</b>	<b>5.64</b>	<b>15.50</b>	<b>10.50</b>

#### COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed by Proponent	Annual Budget proposed by committee

			(in lacs)	(in lacs)
1	Health	Free Distribution of medicines, health check-up, Distribution of Sanitizer, gloves and Mask to the nearby village and panchayat.	1.28	1.00
2	Electrification	Solar Lamp distribution & Solar street light installation in the village.	2.80	1.00
3	Drinking water facility	Drinking water facility in nearby village/ Installation of hand pumps panchayat/ Installation of hand pumps	0.00	1.00
3	Sanitation	Construction of ladies' toilets in the village.	0.00	1.60
4	Education	Distribution of school bags & books in nearby Primary School Education Grants to girl child to check drop outs in schools/ <del>Renovation of toilets of nearby school</del>	2.80	1.00
5	Rain water Harvesting structure	Construction of Rain water harvesting structure in the primary School nearby village.	0.00	0.00
	Total		<b>5.60</b>	<b>5.60</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	0.05	
3	Weight Bridge	10.00	0.50	
4	Personal Computer with power backup	1.00	0.05	
5	Mobile Application Barcode scanner	1.00	0.02	
6	Radio Frequency Identification Tag (RFID) and GPS	1.00	0.02	

7	Annual Audit of lease	0.00	0.25	
8	Security Guard	0.00	0.96	
	<b>Total</b>	<b>16.00</b>	<b>1.85</b>	

### GENERAL PUBLIC HEARING CONCERNS

S. No.	Usual concerns expressed by public during proceedings	Yes/NO
1	Nallah should be channelized from chamgund bridge to Adapora village so that the adjoining village remain safe.	Yes
2	Agricultural Land should not be harmed	Yes
3	Proper demarcation of mining block/mining depth to be maintained	Yes
4	Adoption of all pollution control measures	Yes

### 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.	No	No	-	-	As per latest available google image of 10/2021
2	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
3	Bridge with only abutments, if	No	No	-	-	

	any, located within mining area/ within 500 mts. from the ends of mining block.					
4	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	-	-	
5	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	-	-	
6	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	-	-	
7	Irrigation canal headworks/ khul inlets, if any	Not identifiable	Not identifiable	-	-	Not identifiable



	located within mining block or within 500 mts. of the mining block.					
<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 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 had been discussed by the Expert Appraisal Committee earlier in the 19th Meeting held on 17/11/2020 for grant of ToR for original block **9.09 Ha** during which the committee recommended ToRs to the project subject to the condition, there is no such irrigation canal headway taking off near the mining block. The case was again presented in 71<sup>st</sup> Meeting held on 13/08/2021 during which the Expert Appraisal Committee rejected the case for grant of EC due the following observations: -

- a. *Existence of a well-defined irrigation off-take point taking off from the centre of the mining block.*
  - b. *The multi-date Google image of 09/2012 and 05/2012 shows some patches of cultivable land in the mining block.*
  - c. *Land title documents Intikhab, Jamabandi, uploaded on the portal indicates that the mining block area is constituted of Shamlat and State land.*
- b) Now, the PP has again approached JKEIAA for reconsideration of the case for grant of EC after getting the mining block resized to **1.85 ha** from its original area **9.09 ha** by Joint Director G&M Dept. vide letter dated 14/01/2022 to exclude the irrigation off-take point taking off from the centre of the mining block, and patches of cultivable land from the mining block.
  - c) PP has submitted a fresh NOC from the Local PRI which mentions that as per the Jammu and Kashmir Common Lands regulation Act, 1956, shamlat Land is owned by the village Panchayat, they have no objection if systematic and scientific mining is done, the conditions put by departments especially by I&FC department are followed in letter and spirit besides providing Job opportunities to the local youth.
  - d) NOC issued by Ex. Engineer Jal shakti (PHE) division Qazigund vide letter dated 04/06/2021 in favour of the original block mentions the name of water supply schemes likely to get affected by mining are WS scheme of Pahloo Kilam, WSS Gund, Sahoo Sachan, Malpora Brari, Bumthan Lelipora, Furrah Bumthan, Palpora Lasipora regional Devsar and WSS chowgam.
  - e) The Committee examined the NOCs issued by the stake holder departments earlier for the original mining block and found some ambiguities vis-a-vis actual ground conditions as observed on the Google image. The Committee as such, is of the considered view that the concerned Dy. Commissioner should constitute a multidisciplinary technical committee comprising of Xen Irrigation, Xen PHE, Xen, Flood Control and Asst. Director Fisheries and the concerned Tehsildar to visit the site and reassess the environmental impact of mining activity in the resized mining block on the irrigation network, flood control mechanism and fisheries potential existing in the area and submit a categorical recommendation in this regard, **prior to grant of EC.**
  - f) **The Committee desired that the PP should obtain a fresh clarification from the Xen Irrigation Dept. and Xen PHE Dept. indicating therein, that no irrigation offtake point or PHE Water Supply Schemes lie within 200m of the boundary of the resized mining block of 1.85 Ha, prior to grant of EC.**
  - g) The Committee examined the haulage route proposed by the consultant, on Google image and found that it was traversing through the main water channel. Therefore, the Committee desired that the consultant should submit a fresh proposal for alternate haulage route downstream of the block involving least number of active water crossings and to propose use of Hume pipe crossing wherever found necessary so as not to disturb, change the existing pattern of flow, **prior to grant of EC.**
  - h) EMP budget needs to be revised with appropriate budget suggested in the remark's column here in above, **prior to grant of EC.**
  - i) Revision of the CER budget with the updated budget given in the remark's column herein above **prior to grant of EC.**
  - j) **The ToR condition relating to submission of photographs of display screen of the air quality monitoring station showing data with dates of collection of the baseline data has not been submitted in the EIA report and the same needs to be submitted, prior to grant of formal EC.**
  - k) Active water channel needs to be excluded from the mining block while calculating the targeting mineral production and mining should be restricted to only dry shoals of the mining block.

- l) Mining depth of 2.5 m and bulk density 2.3 adopted in the instant mining plan were not agreed by the committee. Mining depth be restricted to max. 1m in aggregate and bulk density of 2.0 only be adopted for calculating the production targets in absence of actual field measurements.
- m) The JKEAC desired that the conditions of NOC of stakeholder department need to be adhered to in letter and spirit under close supervision of the stakeholder departments.

### 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 B** to these Minutes of Meeting.
- b) Submission of positive report from the Multidept. Technical Committee recommending the mining activity in the resized block as per deliberations herein above, prior to grant of EC.**
- c) Submission of field verification report from concerned Xen, Jal shakti (PHE Division) Qazigund and Xen, Irrigation Dept. with seal and signature with local PRI on board, certifying therein that there are no water supply schemes and Irrigation offtake points within 200m of the resized mining block of 1.85 Ha, preferably substantiated with the Colour Google image, **prior to grant of formal EC.**
- d) Compliance to specific ToR condition relating to photograph of display screen showing dates of data collection as detailed above, prior to grant of EC.**
- e) Maximum targeted mineral production of **22200 MT.**
- f) Condition that the geographical coordinates as per revised area to be conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA.
- 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) Submission of compliance to all other observations made herein above under deliberations, prior to grant of EC.**
- j) 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.

### 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 Oceao Enviro Management solution Pvt. Ltd.	M/S P and M Solution Pvt. Ltd., Noida
1	Submission of the documents	5	5
2	Site Appreciation Note, kml /kmz file, site photo and site videos and PowerPoint presentation	5	5
3	Presentation of factual details of case(s)	5	5

4	Field knowledge of the case(s)	5	5
5	Formulation of PFR, EMP, EIA, CER etc.	5	5
	Overall professional conduct during proceedings	5	5

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/22/13427-13439**

**Dated: 31.03.2022**

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.
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 carry out 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 selfsustaining. 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.

- 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 maintained properly. PP shall also carry out 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 of 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 carry out 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 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 at Integrated Regional Office of MoEF&CC, Jammu 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.



