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

J&K UT LEVEL EXPERT APPRAISAL COMMITTEE (JKEAC)

Department of Ecology, Environment & Remote Sensing

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MINUTES OF MEETING

MINUTES OF 88TH MEETING OF THE JK EXPERT APPRAISAL COMMITTEE HELD ON 12TH OF MARCH, 2022 VIA VIDEO CONFERENCING

In pursuance to Meeting Notice issued vide No: EAC/JK/22/12890-12915 dated: 04/03/2022, the 88th Meeting of JK Level Expert Appraisal Committee (JKEAC) was held on 12th of March, 2022 at 10:30 A.M. via video Conferencing. The following attended the meeting:-

| No. | Name | Designation |
|-----|----------------------------|-------------|
| 1 | Mr. S.C. Sharma, IFS(Rtd.) | Chairman |
| 2 | Mr. M.A. Tak, IFS(Rtd.) | Member |
| 3 | Prof. Anil Kr. Raina | Member |
| 4 | Engineer B.B. Sharma | 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 RBM (River Bed Mineral) Minor Mineral Block Mining Project, Revised Area of 5.25 ha., Block-35/A at A, Rahmoo Bridge Upstream Nallah Ram shoo, Village- Rahmoo, District Pulwama, Jammu & Kashmir favouring Shri Jugesh Aggarwal S/O Shri Tara Chand R/O Anandpur Pathankot, Punjab. jugesh.aggarwalec@gmail.com (ADS) |
| Project type (whether mining lease/STP/ Quarry license/brick earth) | Mining Lease |
| Category (B1/B2) | B1 |
| Proposal no: | SIA/JK/MIN/55281/2020 |
| File no: | SEAC/JK/20/252 |
| Consultant with validity | P & M solution (validity:10/12/2022) |

| | |
|---|---------------------|
| Presenter of consultant: | Sh.Manas Vyas |
| Project proponent / representative of Project proponent: | M/S Jugesh Aggarwal |

CASE SUMMARY

| Status | Resized Area (Ha) | Bid cost (in lacs) | Project cost (in lacs) | EMP cost proposed (in lacs) | | CER budget proposed (lacs/annum) |
|------------|-------------------|--------------------|------------------------|-----------------------------|-------------|----------------------------------|
| | | | | Capital | Recurring | |
| ADS | 5.25 | 92.00 | 269.60 | 8.50 | 6.70 | 4.90 |

| Mine Closure plan proposed (in lacs) | Revised Mining depth proposed by PP in PFR/EIA (mts.) | Haulage Route (Kms) | Revised Bulk density proposed by proponent in PFR/EIA (mts) | Cluster situation (Yes/No) |
|--------------------------------------|---|---------------------|---|----------------------------|
| 1.70 | 1.00 | 0.70 | 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 |
|--------------------------------|--------------------------------|----------------------|------------------------------|-----------------|
| 06/03/2020 | 21/12/2021 | 05/03/2022 | 08/06/2021 | 20/10/2020 |

| G.O 76JK-FST of 2020 dated 29/07/2021 implemented by JKEIAA for the project on | Previous Project proponent | Baseline data Collection by (previous) 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 | Oct - Dec 2020 | 15/07/2021 | 26/09/2020 and 26/10/2021 | 05/10/2021 and 16/02/2021 |
|----|----|----------------|------------|---------------------------------|---------------------------------|

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 | 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, Pulwama vide Ref No. DCP/Estt/SM/Noc/577-89 dated 03/05/2021 has conveyed NOCs of stake holders. NOC from Irrigation sub Division Pulwama mentions supply channel of Dhara Khul at 50 m from the edge of Minor mineral block. |
| 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 | Issued | |
| 7 | Revenue Dept. | 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 | 1.00 | 1.20 | |
| 2 | Haulage route maintenance | 3.50 | 1.50 | |
| 3. | Env. Awareness programme | 0.00 | 0.00 | |
| 4 | Pollution Monitoring | 1.0 | 1.0 | |
| 5 | Pollution control/ water sprinkling/Dust suppression | 2.00 | 2.00 | |
| 6 | Solid waste management | 0.00 | 0.00 | |
| 7. | Occupational Health & Safety of mine workers | 1.00 | 1.00 | |
| 9 | Installation of Hume Pipes | 0.00 | 0.00 | |
| | Total | 8.50 | 6.70 | |

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, Distribution of Sanitizer, gloves and Mask to the nearby village and panchayat. | 2.00 | |

| | | | | |
|---|---------------------------------|--|-------------|--|
| 2 | Electrification | Solar Lamp distribution & Solar street light installation in the village. | 0.00 | |
| 3 | Drinking water facility | Drinking water facility in nearby village/ Installation of hand pumps panchayat/ Installation of hand pumps | 2.00 | |
| 3 | Sanitation | Construction of ladies' toilets in the village. | 0.90 | |
| 4 | Education | Distribution of school bags & books in nearby Primary School Education Grants to girl child to check drop outs in schools. | 0.00 | |
| 5 | Rain water Harvesting structure | Construction of Rain water harvesting structure in the primary School nearby village. | 0.00 | |
| | Total | | 4.90 | |

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 | |
| | Total | 15.00 | 2.80 | |

GENERAL PUBLIC HEARING CONCERNS

| S. No. | Usual concerns expressed by public during proceedings | (Yes/No) |
|--------|--|----------|
| 1. | Mining should be carried out in scientific Manner | Yes |
| 2 | Mining should be socio - economic friendly and biodiversity should be protected. | Yes |
| 3 | Manual mining & Employment to the local unemployed youth | Yes |
| 4 | The irrigation canals, irrigation off take points should be protected during Mining. Both embankments should be protected during Mining. | Yes |
| 5 | RBM material to locals on concessional rates | Yes |
| 6 | Extraction should be done from bed leaving safety zone from banks. | 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 04/2020 |
| 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 | Yes | - | 50m | Supply channel of DHARA |

| | | | | | | |
|----|--|-----|-----|---|---|---|
| | located within mining block or within 500 mts. of the mining block. | | | | | KhUL 50 m from the edge of the mining block |
| 8 | Active water channels, if any crossing the mining block. | Yes | Yes | - | - | Active water channel needs to be excluded |
| 9 | National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block. | No | No | - | - | |
| 10 | 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 | - | - | |

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

- a) The case had been discussed by the Expert Appraisal Committee earlier during the 15th Meeting held on 26/09/2020 and 67th Meeting held on 26/10/2021 during which the Committee did not approve the case for grant of EC. However, the Committee had desired that the PP may again approach the JKEIAA for reconsideration of the case after submission of following compliances:-

- i) Field verification of existing irrigation facilities in the vicinity of the proposed mining block by Xen, Irrigation

Dept. and certification on the back side of Colour Google image of the area depicting the mining block boundary and Kuhls/canals offtake points, if any within 200m of the mining block boundary stating that there are no irrigation off-take points besides the channel identified during appraisal, in the vicinity of the mining block that could adversely affect the irrigation works in the area, **with consent of local PRI with seal and signature.**

- ii) Illegal mining observed in the mining block and its vicinity which demands report from the Muti dept. District Level Task Force Cell to the effect that the PP is not involved in it.
- b) In compliance to the **Point No i**, the PP has obtained fresh NOC from Assistant Executive Engineer Irrigation Division Pulwama vide letter No 5067-68 dated 19/01/2022 which mentions that the supply channel of **Dhara kuhl** is located at a distance of **50 mts.** from the edge of the mining block but further recommends that matter may be taken up with concerned authorities for reconsidering the resizing/relocating of the block at least 200m from the offtake points of Dhara Kuhl and **other zamandari kuhls in the area.** Though, the PP has got the mining block further resized to 5.25 Ha to maintain safe distance of 200m to the offtake point of **Dhara Khul but the other zamandari inlet/kuhl offtake points are still observed to be in close vicinity of the mining block and therefore, in considered view of the Committee, any mining operation in the block would not be feasible vis-à-vis the National Guidelines on sand mining and inevitable adverse impact on the pre-existing irrigation facilities in the area.**
- c) With respect to **serial No. ii**, the PP has submitted report from the Dy. Commissioner, Pulwama vide letter dated 03/03/22 which states that there is no evidence of direct or indirect involvement of PP in illegal mining and, if at any point of time, it is proved by any means that PP has directly or indirectly indulged in illegal mining, the LoI granted shall be withdrawn and appropriate action taken as per law.
- d) **The ToR condition relating to submission of photographs of display screen of the air quality monitoring station showing dates of collection of the baseline data has not been submitted in the EIA report.**

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 Environmental clearance in view of above observations.

AGENDA ITEM NO: 02

| | |
|-------------------|--|
| Title of the Case | Grant of Environment Clearance in favour of Shri Riyaz Ahmad Baba S/O Nazir Ahmad baba R/o- Arch Ganderbal J&K (U.T. for Minor Mineral” (River Bed Material) Block-04, Under Construction Bridge to Arch Downstream Sindh River Revised (Area – 7.12 ha) Village - Arch, Tehsil -Arch, District -Ganderbal, J&K. |
| Type of Project | River Bed Mining Lease |

| | |
|---|---|
| (Whether mining lease / STP/ Quarry Licence/ Brick Earth Mining/ construction | |
| Category(B1/B2) | B1 |
| Proposal Number | SIA/JK/MIN/57317/2020 |
| File Number | SEAC/JK/20/401 |
| Name of Consultancy with date of validity | Globus Environment Engineering services, 29/09/2021 |
| Presenter representative of consultant | Mr. Akhilesh Gupta |
| Project Proponent/ Representative of Project Proponent | Shri Riyaz Ahmad Baba |

CASE SUMMARY

| Status | Resized Area (ha) | Bid Cost (in lacs) | Project Cost (in lacs) | EMP cost proposed | | CER budget proposed (in lacs) |
|-------------|-------------------|--------------------|------------------------|-------------------|---------------------|-------------------------------|
| | | | | CAPITAL (in lacs) | RECURRING (in lacs) | |
| New project | 7.12 | 199.90 | 258.58 | 12.26 | 7.19 | 5.17 |

| Mine Closure lacs plan proposed (in lacs) | Mining depth proposed in PFR/EIA (mts.) | Haulage Route (mts) | Bulk density proposed in PFR/EIA (mts.) | Cluster situation (Yes/No) |
|---|---|---------------------|---|----------------------------|
| 1.5 | 1.00 | 0.820 | 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 | ToR s granted on, if applicable |
|--------------------------------|--------------------------------|----------------------|------------------------------|---------------------------------|
| 05/08/2020 | 29/12/2021 | 31/03/2022 | 25/09/2020 | 18/08/2021 |

| G.O 76JK-FST of 2020 dated 29/07/2021 implemented by JKEIAA for the project on | Previous Project proponent | Baseline data Collection by (previous) 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 | Feb - June 2021 | 06/11/2021 | 15/12/2020 and 18/08/2021 | 20/04/2021 |

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 | Submitted | Mine Plan needs to be revised for mining block area, mining depth, closure plan, surface plan, targeted mineral production, mining methodology etc. |
| 4 | District Survey Report | submitted | 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 | Mining Block Recommended/ Not recommended | Remarks/ Reference |
|---------------|-------------------|--|---------------------------|
| 1 | Irrigation Dept. | Issued conditionally | |

| | | | |
|---|--|---------------------------|---|
| 2 | Flood Control Dept. | Issued conditionally | Dy. Commissioner, Ganderbal vide No. DCG/ ARA/1872-76/206- dated 04/06/2021 had conveyed NOCs of stake holders for exaction of mining lease under District level single window committee. |
| 3 | Fisheries Dept. | Issued conditionally | |
| 4 | Forest Dept. (if required) | Issued as non-forest land | |
| 5 | Wildlife Protection Dept (If required) | Issued conditionally | |
| 6 | Pollution Control Board | Issued conditionally | |
| 7 | Revenue Dept. | Ambiguous | |
| 8 | PHE Dept. | Issued conditionally | |
| 9 | Soil Conservation Dept. | - | |

ENVIRONMENTAL MANAGEMENT PLAN

| S. No | Proposed actions | Budget proposed by Proponent (in lacs) | | Budget recommended by Committee (in lacs) | |
|-------|--|--|-------------|---|--------------|
| | | Capital | Recurring | Capital | Recurring |
| 1 | Green belt development | 2.50 | 2.19 | 4.00 | 4.00 |
| 2 | Haulage route maintenance | 0.00 | 0.00 | 3.00 | 2.00 |
| 3 | Pollution control/ Dust suppression | 5.00 | 5.00 | 5.00 | 5.00 |
| 4 | Pollution monitoring | 2.96 | 0.00 | 2.00 | 1.00 |
| 5 | Environmental awareness | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | Occupational Health & safety of mine workers | 0.00 | 0.00 | 2.00 | 2.00 |
| 7 | Inventory of flora and fauna | 1.00 | 0.00 | 0.00 | 0.00 |
| 8 | Socio economic condition of local population, Physical Survey | 0.80 | 0.00 | 0.80 | 0.00 |
| 9 | Laying of Hume pipes/ Flood protection/ protection of kuhls/canals | 0.00 | 0.00 | 6.00 | 5.00 |
| | Total | 12.26 | 7.19 | 22.8 | 19.00 |

COORPORATE ENVIRONMENT RESPONSIBILITY

| S.No. | Project activity | Activities | Budget proposed by Proponent (in lacs/year) | Budget recommended by Committee (in lacs) |
|-------|---------------------------------|---|---|---|
| 1 | Health | Free Distribution of medicines, health check-up | 0.00 | 1.00 |
| 2 | Electrification | Solar Lamp distribution & Solar Street light installation | 1.50 | 1.00 |
| 3 | Sanitation | Construction of ladies' toilets in the primary School nearby village. | 2.25 | 2.00 |
| 4 | Education | Renovation work (floor/ walls/ roofs repairing nearby at Nearby Schools | 1.42 | 1.00 |
| 5 | Rain water harvesting structure | Construction of Rain water harvesting structure in the primary School nearby village. | 0.00 | 0.00 |

| | | | | |
|---|--|--|-------------|-------------|
| 6 | Improvement of local Environment | Development / maintenance of Recreation Park/green space | 0.00 | 0.20 |
| 7 | (Biodiversity survey and conservation) | | 0.80 | 0.00 |
| | Total | | 5.17 | 5.20 |

BUDGET FOR SURVILIENCE

| S. No. | Particulars | Budget proposed by Proponent (in lacs) | | Budget recommended by Committee (in lacs) | |
|--------|---|--|---------------------|---|---------------------|
| | | Capital | Recurring (in lacs) | Capital | Recurring (in lacs) |
| 1 | Transport Permit | 5.00 | 2.80 | 2.00 | 0.00 |
| 2 | CCTV Camera | 0.00 | 0.00 | 1.00 | 0.10 |
| 3 | Weight Bridge | 0.00 | 0.00 | 10.00 | 1.00 |
| 4 | Personal Computer with power backup | 0.00 | 0.00 | 0.50 | 0.05 |
| 5 | Mobile Application Barcode scanner | 0.00 | 0.00 | 0.50 | 0.05 |
| 6 | Radio Frequency Identification Tag (RFID) and GPS | 0.00 | 0.00 | 1.00 | 0.10 |
| 7 | Annual Audit of lease | 0.00 | 0.00 | 0.00 | 0.70 |
| 8 | Security Guard | 0.00 | 0.00 | 0.00 | 0.80 |
| | Total | 0.00 | 0.00 | 15.00 | 2.80 |

GENERAL PUBLIC HEARING CONCERNS

| S. No. | Usual concerns expressed by public during proceedings | (Yes/No) |
|--------|---|----------|
| 1 | Manual mining & Employment to the local unemployed youth | Yes |
| 2 | Prevention of Illegal Mining and huge penalties have been imposed on the locals involved in illegal mining | yes |
| 3 | Govt. must have to protect further degradation of the land in the periphery of this Nallah by construction bunds/create walls etc | Yes |
| 4 | Mining should be done in scientific Manner | Yes |
| 5 | EMP cost to be implemented practically | Yes |
| 6 | CER/CSR Activities for social upliftment | - |
| 5 | RBM material to locals on concessional rates | Yes |

OBSERVATION IN RESPECT OF MINING SITE WHEN VIEWED 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) | Outside mining site boundary (Yes/No) | Upstream from mining block (Mts.) | Downstream From mining block (Mts.) | Remarks |
|-------|-------------------|--------------------------------------|---------------------------------------|-----------------------------------|-------------------------------------|---------|
| | | | | | | |

| | | | | | | |
|---|---|-----|-----|--|--|--|
| 1 | Features indicative of any Illegal mining. | Yes | Yes | | | Dy. Commissioner, Ganderbal vide No. DCG/ ARA/2021/206-dated 09/07/2021 conveyed that no illegal mining has been taken place in the minor Block-04 and the PP is not involved in the illegal mining in the said Block. |
| 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 area/ within 500 mts. from the ends of mining block. | No | No | | | |
| 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 | Yes | | 150m | Flood control structures running parallel to the block |
| 7 | Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block. | Not identifiable | Not identifiable | - | - | Not identifiable |
| 8 | Active water channels, if any crossing the mining block. | Yes | Yes | | | Area under active water channel needs to be excluded |
| 9 | National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof | - | - | - | - | |

| | | | | | | |
|-----------|--|---|---|---|---|--|
| | from the mining block. | | | | | |
| 10 | Forest land, if any located in close vicinity of the mining block. If yes, the distance thereof from the ends of mining block. | - | - | - | - | |
| 12 | Any other relevant feature of interest or condition which is critical to grant of ToRs/EC to the proposed project | - | - | - | - | |

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

- (a) The case had been discussed by the Expert Appraisal Committee earlier during the 26th Meeting held on 15/02/2021 and 53rd Meeting held on 18/08/2021 during which the Committee recommended the project for Grant of Terms of Reference subject to following conditions: -
- i. Mining depth shall not exceed 1 m in aggregate in view of non-availability of replenishment data
 - ii. Revision of Mining plan for area, depth, surface plan, mining methodology, targeted mineral production and closure plan etc.
 - iii. Exclusion of active water channel from the mining block.
- (b) The PP has now applied for grant of EC and has submitted the Final EIA and Public hearing reports.
- (c) As regards the observation related to illegal mining in the mining block, the PP has submitted a report from MDDTF cell which states that PP is not involved in any illegal mining in and around the mining block.
- (d) While examining the mining block on the Google image of Sept. 2021, the Committee observed that an engineering structure exists at site to channelize the irrigation water to an offtake point located at a distance of 140m from the pillar C of the mining block for irrigating the fields downstream of the block.
- (e) The Committee desires that the mining block needs to be further resized, from pillar b to C, to maintain a safe distance of 200m between the offtake point and the edge of mining block. This shall result in reduction of mining block area to **6Ha only**. The resized block and the mining plan needs to be got approved from the competent authority and submitted to JKEIAA, **prior to grant of EC**.
- (f) The Committee also observes that the block has already been subjected to extensive mining and the mineral reserves have greatly depleted. Therefore, the Committee desires that the PP must obtain a ‘**fit for mining certificate**’ from the G&M Dept. indicating therein that sufficient replenishment has taken place as on date and there is

- adequate material available in the block which can be extracted without adversely affecting the ecological and hydrological regime of the nallah, **prior to grant of EC.**
- (g) **Taking due note of the present condition of the block, the use of heavy machinery comprised of excavators etc. shall not be allowed for extracting the minor mineral under any circumstances.**
 - (h) Title documents issued by the concerned department are ambiguous and do not clearly bring out the ownership/ title of the land under the minor mineral block. Therefore, documents establishing the actual ownership needs to be submitted to JKEIAA, **prior to grant of EC.**
 - e) The genuine concerns of the locals raised during public hearing should be addressed by the PP.
 - f) 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.**
 - g) The JKEAC desired that the conditions of NOC need to be adhered to in letter and spirit under close supervision of stakeholder departments.
 - h) Revision of the mining plan with mine closure plan, revised mining depth, revised surface plan, area, targeted mineral production and replenishment and its denovo approval by the competent authority, **prior to grant of EC.**
 - i) EMP Budget needs to be revised with appropriate budget as suggested in the remark's column of EMP table above, **prior to grant of EC.**
 - j) Budget for surveillance needs to be provided with appropriate budget as suggested in the remark's column of Budget for surveillance, **prior to grant of EC.**
 - k) 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.

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) Resizing of the mining block to 6Ha only after maintaining a safe distance of 200m from the Kuhl offtake points, **prior to grant of EC.**
- c) **Submission of 'Fit for mining certificate'** from the competent authority of G&M Dept. as per deliberations made herein above, **prior to grant of EC.**
- d) **Submission of fresh title verification from the concerned authorities as per deliberations, prior to grant of EC.**
- e) Submission of revised mining plan as per deliberations, **prior to grant of EC**
- f) Submission of revised EMP as per deliberations, **prior to grant of EC.**
- g) **Compliance to specific ToR condition relating to photograph of display screen showing dates of data collection as detailed above, prior to grant of EC.**
- h) Maximum mineral production shall not exceed **72000 MT.**
- i) Condition that the geographical coordinates, as per revised area, to be conveyed by G&M Dept., are mentioned in the EC letter to be issued by JKEIAA.
- j) **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.**
- k) **No JCB Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**

- l) **Submission of compliance to all other observations made herein above under deliberations, prior to grant of EC.**
- m) 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: 03

| | |
|---|---|
| Title of case: | Grant of Environmental Clearance (EC) for RBM (River Bed Mineral) Minor Mineral Block Mining Project, revised Area of 4.60 ha., Block-18 at Mendhar River Upstream Chajjla Bridge Part-II, District-Poonch J&K. favouring M/S Kesri Nandan Mines at Logate Tehsil & District Kathua, State- Jammu & Kashmir. kesarinandan.ec@gmail.com (ADS) |
| Project type (whether mining lease/STP/ Quarry license/brick earth) | Mining Lease |
| Category (B1/B2) | B1 |
| Proposal no: | SIA/JK/MIN/59682/2021 |
| File no: | SEAC/JK/20/435 |
| Consultant with validity | P and M Solution valid till: - 10/12/2022 |
| Presenter of consultant: | Shri Manas Vyas |
| Project proponent representative of Project proponent: | M/S Kesri Nandan |

CASE SUMMARY

| Status | Resized Area (Ha) | Bid cost (in lacs) | Project cost (in lacs) | EMP cost proposed (in lacs) | | CER budget proposed (lacs/annum) |
|--------|----------------------|-----------------------|---------------------------|--------------------------------|-----------|-------------------------------------|
| | | | | Capital | Recurring | |
| ADS | 4.60 | 37.00 | 197.55 | 16.00 | 15.00 | 3.05 |

| Mine Closure plan proposed (in lacs) | Mining depth proposed (mts.) | Haulage Route (Kms) | Bulk density proposed by proponent in PFR/EIA | Cluster situation (Yes/No) |
|---|---------------------------------|------------------------|---|-------------------------------|
| | | | | |

| | | | | |
|------|------|------|------|-----|
| | | | | |
| 0.15 | 1.00 | 0.39 | 2.00 | 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 |
|--------------------------------|--------------------------------|----------------------|------------------------------|-----------------|
| 21/07/2020 | 28/12/2021 | 31/03/2022 | 15/12/2020 | 25/03/2021 |

| G.O 76JK-FST of 2020 dated 29/07/2021 implemented by JKEIAA for the project on | Previous Project proponent | Baseline data Collection by (previous) 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 | Oct-Dec 2020 | 03/07/2021 | 10/03/2021 | 03/02/2022 |

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 | Formulated but needs revision | Needs revision as per deliberations/ observations /recommendations |

| | | | |
|--|-----------|--|--|
| | (EMP/CER) | | |
|--|-----------|--|--|

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. | Issued as non-forest land but conditionally | |
| 5 | Wildlife Protection Dept | Not issued | |
| 6 | Pollution Control Board | Not 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 | 3.50 | 3.00 | 4.00 | 3.00 |
| 2 | Haulage route maintenance | 2.50 | 2.00 | 3.00 | 3.00 |
| 3. | Plantation and salary for one gardener (part time basis). | 2.00 | 2.00 | 2.00 | 2.00 |
| 4 | Pollution Monitoring | 1.00 | 2.00 | 1.00 | 2.00 |

| | | | | | |
|----|--|--------------|--------------|--------------|--------------|
| 5 | Pollution control/ water sprinkling/Dust suppression | 0.00 | 0.00 | 3.00 | 2.00 |
| 6 | Solid waste management | 0.00 | 0.00 | 0.00 | 0.00 |
| 7. | Occupational Health & Safety of mine workers | 1.00 | 2.00 | 1.00 | 2.00 |
| 9 | Installation of Hume Pipes | 6.00 | 4.00 | 8.00 | 4.00 |
| | Total | 16.00 | 15.00 | 22.00 | 18.00 |

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, Distribution of Sanitizer, gloves and Mask to the nearby village and panchayat. | 1.50 | |
| 2 | Electrification | Solar Lamp distribution & Solar street light installation in the village. | 0.00 | |
| 3 | Drinking water facility | Drinking water facility in nearby village/ Installation of hand pumps panchayat/ Installation of hand pumps | 1.55 | |
| 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 | 0.00 | |
| 5 | Rain water Harvesting structure | Construction of Rain water harvesting structure in the primary School nearby village. | 0.00 | |
| | Total | | 3.05 | |

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 | |
| | Total | 15.00 | 2.80 | |

GENERAL PUBLIC HEARING CONCERNS

| S. No. | Usual concerns expressed by public during proceedings | Yes/NO |
|--------|---|--------|
| 1. | People and panchayat members of the concerned area would be consulted before tendering process | Yes |
| 2. | indiscriminate mining activities have already degraded the environment of Local river and it should be protected from any further deterioration | Yes |
| 3 | Proper demarcation of mining block/mining depth to be maintained | Yes |
| 4 | CSR activities as elaborated by Environment Consultant shall not be sufficient to cater the local problems of the people. | Yes |
| 5 | Manual mining & Employment to the local unemployed youth | Yes |
| 2 | Prevention of illegal mining | --- |
| 3 | EMP cost to be implemented practically | --- |
| 4 | CER/CSR Activities for developmental works of the village | Yes |
| 5 | RBM material to locals on concessional rates | 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 05/2021 |
| 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 any, located within mining area/ within 500 mts. from the ends of mining block. | No | No | - | - | |
| 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 | No | No | - | - | |

| | | | | | | |
|----------|---|------------------|-----|---|---|---|
| | /orchard etc. if any located within mining block/adjacent to mining block or within 500 mts. from the mining block. | | | | | |
| 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 | Yes | - | - | Dug well. The PP has resized the block to maintain a safe distance of 200m to the dug well |
| 7 | Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block. | Not identifiable | Yes | - | - | Features presumably indicative of presence of supply channel of irrigation works in the vicinity |
| 8 | Active water channels, if any crossing the mining block. | Yes | Yes | - | - | Active water channel needs to be excluded |
| 9 | National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block. | No | No | - | - | |

| | | | | | | |
|-----------|--|----|----|---|---|--|
| 10 | 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 | - | | |

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

- a) The case had been discussed by the Expert Appraisal Committee earlier during the 28th Meeting held on 10/03/2021 and 72nd Meeting held on 17/11/2021 during which the Expert Appraisal Committee did not agree to recommend the case for grant of EC and desired that the PP may approach JKEIAA for reconsideration of the case after submitting following compliances: -
- i. Title verification of the land under mining block.
 - ii. Clarification w.r.t existence of Irrigation offtake points within 200m from the mining block and categorical NOC from the Irrigation Dept. and PRI to the effect that the proposed mining activity will not interfere / degrade the existing availability /quality of water.
 - iii. PP to obtain NOC from the owners of the dug well and consent of local PRI for undertaking haulage of material through the dug well site.
 - iv. Revision of project cost.
 - v. Revision of mining plan.
 - vi. Revision of EMP budget.
 - vii. Compliance to ToR condition relating to photographs of display screen showing dates of data collection.
 - viii. The PP will also submit an undertaking to the effect that the cost of any mitigation measures required to enable a disciplined and controlled mining that will not tell upon the irrigation facilities, would be borne by him.
- b) Now, the PP has again approached the JKEIAA for reconsideration of the case after getting the block resized to **4.60** ha from its original area of **7.00 ha** vide letter dated 03/02/2022 from the G&M Dept. to maintain a safe distance of 200m from the dug well site.

- c) The resized block has been bifurcated into two subsets. During examination of the block, it was observed that there are multiple water creeks which need not be disturbed during the haulage of the material. Therefore, it was desired that hume pipe crossing of appropriate specifications shall be constructed by PP for crossing active water creeks wherever required.
- d) In compliance to the **Point No i.** the PP has submitted the Title verification from the concerned revenue authority mentioning the said mining block as **State land.**
- e) With respect to point No.ii, the PP has submitted NOC from Executive Engineer Irrigation and Flood Control Division Poonch vide letter dated 21/11/2021 which mentions that there is no Irrigation canal and head take-off points **around 200m periphery of this block.** The Committee observed that the NOC is ambiguous as it says no canal is **around 200m** when it should have been mentioned that there is no irrigation canal/kuhl offtake point **within 200m. Therefore, the PP must obtain fresh clarification indicating that no off-take point lies within 200m of the mining block, prior to grant of EC.**
- f) With respect to point No.iii, the PP has submitted NOC from the PHE dept. w.r.t original mining block of 7 Ha which indicates that there is no PHE infrastructure within 200m from the block. The silence of PHE department over existence of dugwell observed by the Committee makes it difficult to ascertain the ownership of the dug well. Therefore, the PP needs to obtain clarification from the PHE dept. w.r.t ownership of the dugwell and impact of mining on it, **prior to grant of EC.**
- g) The PP has also submitted Google image showing two haulage routes for the resized block comprising of two subsets from the local Sarpanch certifying therein that she has no objection for haulage of material from the site using the routes identified.
- h) With respect to point iv, the PP has revised the project cost.
- i) With respect to v, the mining plan has not yet been revised and the same needs to be revised **prior to grant of EC.**
- j) With respect to vi, though the PP has revised the budget for EMP, yet the Committee has suggested some more refinements as detailed in the said table which needs to be incorporated, **prior to grant of EC.**
- k) With respect to point vii, the PP has not yet submitted the undertaking as desired by the Committee earlier and therefore, same needs to be submitted, **prior to grant of EC.**
- l) The Committee also desired that the PP should address all the genuine concerns of the locals raised during the public hearing.
- m) The JKEAC desired that the conditions of NOC need to be adhered to in letter and spirit under close supervision of stakeholder departments.
- n) **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.**
- o) Mining depth of 3 m & bulk density of 2.25 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.

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) **Compliance to specific ToR condition relating to photograph of display screen showing dates of data collection as detailed above, prior to grant of EC.**
- c) Submission of undertaking as per deliberation made herein above, **prior to grant of EC.**
- d) Clarifications from Xen PHE w.r.t dugwell as per deliberations, **prior to grant of EC.**
- e) Clarification from Xen, Irrigation dept. as per deliberations, **prior to grant of EC**
- f) Maximum mineral production should not exceed **55200 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) **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.**
- i) **No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- 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: 04

| | |
|---|--|
| Title of case: | Grant of Environmental Clearance for the River Bed Material in Block No-11, revised area 3.80 Ha, Ramnagar Wali Khad Downstream Gulang Bridge, Village- Dalsar, Tehsil-Ramnagar & District-Udhampur State- Jammu & Kashmir in favour of Shri. Umesh Kumar Sharma S/O Shri Shiv Narayan Sharma. |
| Project type (whether mining lease/STP/ Quarry license/brick earth) | Mining Lease |
| Category(B1/B2) | B2 |
| Proposal no: | SIA/JK/MIN/224968/2021 //SIA/JK/MIN/57955/2020 |
| File no: | SEAC/JK/20/326 |
| 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: | Shri. Umesh Kumar Sharma |

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 | 3.80 | 58.38 | 148.02 | 9.25 | 5.12 | 2.52 |

| Mine Closure plan proposed (in lacs) | Revised Mining depth proposed (mts.) | Haulage Route (Kms) | Bulk density proposed by proponent | Cluster situation (Yes/No) |
|--------------------------------------|--------------------------------------|---------------------|------------------------------------|----------------------------|
| Not Provided | 1.00 | 1.14 | 2.25 | 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 |
|--------------------------------|--------------------------------|----------------------|------------------------------|-----------------|
| 24/07/2020 | 28/12/2021 | 31/03/2022 | 15/10/2020 | 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 | 26/11/2020 & | 02/06/2021 |

| | | | | | |
|--|--|--|--|------------|--|
| | | | | 09/10/2021 | |
|--|--|--|--|------------|--|

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 | |
| 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 Environment Responsibility (EMP/CER) | Formulated but needs revision | |

NO OBJECTION CERTIFICATES

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

| | | | |
|----|-----------------------------------|---|--|
| 10 | Soil and Water Conservation dept. | - | |
|----|-----------------------------------|---|--|

ENVIRONMENTAL MANAGEMENT PLAN

| S. No | Proposed actions | Budget proposed by Proponent (in lacs) | | Remarks/ Budget proposed by Committee (in lacs) | |
|-------|--|---|-------------|---|-------------|
| | | Capital | Recurring | Capital | Recurring |
| 1 | Green belt development | 1.00 | 1.00 | 2.00 | 1.00 |
| 2 | Haulage route maintenance | 5.75 | 1.62 | 6.00 | 2.00 |
| 3 | Env. Awareness programme | 0.00 | 0.00 | 0.50 | 0.50 |
| 4 | Pollution monitoring | 1.00 | 1.00 | 2.00 | 2.00 |
| 5 | Dust suppression | 1.00 | 1.00 | 2.00 | 2.00 |
| 6 | Occupational Health & Safety of mine workers | 0.50 | 0.50 | 0.50 | 0.50 |
| | Total | 9.25 | 5.12 | 13.00 | 8.00 |

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 facility in the nearby hospital | 1.00 | |
| 2 | Covid-19 precautions | Distribution of sanitizer's, gloves & N95 masks to nearby village | 0.82 | |
| 3 | Sanitation | Construction of toilets in the nearby school/village | 0.70 | |
| | Total | | 2.52 | |

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 | |
| | Total | 15.00 | 2.80 | |

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 illegal mining activity on Google Image of April/2021 |
| 2 | Bridge with midstream piers, | No | No | - | - | |

| | | | | | | |
|----------|---|----|----|---|---|---|
| | if any, located within mining area/ within 500 mts. from the ends of mining block. | | | | | |
| 3 | Bridge with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block. | No | No | - | - | |
| 4 | Foot bridge with only abutments on 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/ | No | No | - | - | - |

| | | | | | | |
|-----------|--|-------------------------|-------------------------|---|---|--|
| | in close vicinity to mining block or within 500 mts. of the mining block. | | | | | |
| 7 | Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block. | Not Identifiable | Not Identifiable | - | - | Not Identifiable on Google Image of April/2021 |
| 8 | Active water channels, if any crossing the mining block. | Yes | Yes | - | - | Need to be excluded from mining activity |
| 9 | National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block. | No | No | - | - | |
| 10 | 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 | - | - | - |

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

- a) The case had earlier been discussed during 20th meeting held on 26.11.2020 during which the committee observed forest boundary traversing through the mining block. The committee had asked the PP to obtain an NOC from the Forest Dept. verifying therein whether part of mining block was falling inside forest boundary or not. However, the NOC issued by DFO concerned provides geo-coordinates of part of the forest area traversing the mining block. Upon scrutiny of the coordinates provided in the NOC, on Google Earth in conjunction with the digital forest boundary, it was found that the coordinates have been wrongly captured as a result of which area of mining block falling outside the forest boundary has been misquoted as Forest land and subsequently excluded from the mining block. Further, upon resizing of the mining block it was observed that wrong portion of the mining block has been left out and the portion of the block which includes forest area has been included in the mining block limits. Accordingly, the Committee had desired that the NOC from Forest Dept. as well as the mining block limits needs to be got rectified.
- b) The DFO, Ram Nagar Forest Division, vide Letter No. DFO/Rgr/2676-77 dated 11/11/2021 had stated that it has been verified by a committee of forest officers/officials on ground using forest demarcation files and other relevant records and had concluded that the area of the mining block fell outside the reserved forest.
- c) The case was again discussed during the 63rd meeting held on 09.10.2021 during which the Committee had not approved the case and had further asked the PP to submit compliance to the following observations:
 - i) The Committee desired that the NOC from Forest Dept. as well as the limits of resized mining block need to be got rectified in accordance with deliberations of 63rd meeting.
 - ii) Illegal mining activity detected in the mining block as per features on Google image of June, 2021 which needs clarification from the Multi Dept. District level Task Force (MDLTF) Cell prior to grant of formal EC.
 - iii) Major portion of the mining block area falls under active water channel as observed on Google Image which needs to be excluded while calculating the targeted mineral production.
 - iv) Project cost has been underestimated by the consultant as it does not include cost of Env. Clearance processing fee/ PCCs Consent fee etc. and therefore needs to be revised prior to grant of EC.
 - v) EMP needs to be revised with appropriate budget.
 - vi) Revision of the mining plan with mine closure plan, revised mining depth, surface plan, targeted mineral production and replenishment and its *denovo* approval by the competent authority prior to grant of EC or as decided by JKEIAA.
 - vii) Mining depth of 2.5m not agreed by the committee as mentioned in the mining plan. Mining depth be restricted to maximum 1m in aggregate in view of non-availability of replenishment data in the DSRs formulated by the G&M Dept.
 - viii) Bulk density of 2.25 mentioned in mining plan not agreed by the Committee. A nominal bulk density of 2 to be used in absence of actual measurements in field.

- d) During deliberations in the instant meeting, the Committee observed as: -
- i) With respect to point No. i, the PP has not rectified the resized limits of the mining block as the DFO has issued a fresh NOC indicating that the mining block falls outside the forest. Further, instead of providing coordinates of nearest forest pillar, the DFO concerned has mentioned the coordinates of the mining block again which otherwise are already known to the Committee.
 - ii) The Consultant and representative of the PP informed that since the LoI is shortly expiring, seeking of further clarification on the subject could delay the process and therefore, pleaded to consider resizing the block to maintain appropriate safe distance to the forest land as understood by the Committee. Accordingly, the Committee examined the block on the Google image and recommended resizing the block to 1.68Ha from the earlier resized area of 3.80 Ha so as to maintain a safe distance of at least 50m from the forest boundary observed by the committee. Further, the Committee desired that JKEIAA while considering grant of EC, should simultaneously request the PCCF, J&K for directing the DFOs to furnish coordinates of nearest forest boundary pillars while issuing NOCs as the non-furnishing of same hampers/delays the process of appraisal.
 - iii) With respect to item ii, the PP has submitted the report from Multi Dept. District level Task Force (MDLTF) cell, which states that the PP is not involved in any kind of illegal mining activity in and around the mining block.
 - iv) With respect to item iii, the entire active water channel portion needs to be excluded from the mining block, **prior to grant of EC.**
 - v) With respect to item iv, the project cost has been revised.
 - vi) With respect to item v, the EMP budget has been revised. However the same needs to be updated as suggested in the remark's column herein above.
 - vii) With respect to item vi, the revision of the mining plan is awaited and same needs to be submitted **prior to grant of EC.**
 - viii) With respect to item vii, the mining depth has been restricted to 1m in the Pre-feasibility report. However, same needs to be updated in the revised mining plan **prior to grant of EC.**
 - ix) With respect to item viii, the bulk density too needs to be revised in the mining plan.

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 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 1.68Ha by maintaining safe /appropriate buffer from the forest boundary, prior to grant of EC.**
- c) Revision of mining plan as detailed above, **prior to grant of EC.**
- d) Submission of NOC from the Flood Control Dept, **prior to grant of EC.**
- e) **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.**

- f) **No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- g) Maximum targeted mineral production of **20100 MT.**
- h) Condition the geographical coordinates as per revised area conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA.
- 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.

AGENDA ITEM NO: 05

| | |
|---|--|
| Title of case: | Grant of Environmental Clearance (EC) for River bed mining of Minor Mineral in Block- 02, Area 7.47 Ha River Suran Upstream Sher-e-Kashmir Bridge Part-II, Village-Mangnar & Kunoyian, Tehsil & District-Poonch, Jammu & Kashmir in favour of M/S Sai Mines. |
| Project type (whether mining lease/STP/ Quarry license/brick earth) | Mining Lease |
| Category(B1/B2) | B1 |
| Proposal no: | SIA/JK/MIN/59661/2021 |
| File no: | SEAC/JK/20/446 |
| 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 | Area (Ha) | Bid cost (in lacs) | Project cost (in lacs) | EMP cost proposed (in lacs) | | CER budget proposed (lacs/annum) |
|----------------|--------------|-----------------------|---------------------------|--------------------------------|-----------|--|
| | | | | Capital | Recurring | |
| New Project | 7.47 | 30.35 | 168.79 | 7.00 | 7.00 | 2.89 |

| Mine Closure plan proposed (in lacs) | Revised Mining depth proposed (mts.) | Haulage Route (Kms) | Revised Bulk density proposed by proponent | Cluster situation (Yes/No) |
|--------------------------------------|--------------------------------------|---------------------|--|----------------------------|
| Not Provided | 1 | 0.40 | 2.0 | No |

PROJECT EVENT DATES

| Date of Letter of Intent (LoI) | LoI –Date of Extension, if any | LoI Date of Validity | Date of Mining Plan approval | ToRs granted on |
|--------------------------------|--------------------------------|----------------------|------------------------------|-----------------|
| 21/07/2020 | 28/12/2021 | 31/03/2022 | 15/12/2020 | 30/03/2021 |

| 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 | Oct-Dec 2020 | 18/08/2021 | 13/03/2021 & 05/11/2021 | NA |

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

| S. No. | Document | Status | Remarks of the Committee |
|--------|---------------------------------------|-----------|--|
| 1 | Form 1/Form 2 /Form 1-M as applicable | Submitted | |
| 2 | Pre-feasibility report (PFR) | Submitted | Needs revision as per deliberations/ observations /recommendations |

| | | | |
|---|---|----------------------------------|--|
| 3 | Approved Mine Plan /Mine closure Plan | Formulated not as per guidelines | Mine Plan needs to be revised for bulk density, mining depth, closure plan, surface plan, targeted mineral production, mining methodology etc. |
| 4 | District Survey Report | Formulated not as per guidelines | Needs revision for including replenishment data etc. |
| 5 | Environmental 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) | Not submitted | |
| 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 | 1.50 | 1.50 | | |
| 2 | Haulage route maintenance | 2.00 | 2.00 | | |

| | | | | | |
|---|--|-------------|-------------|--|--|
| 3 | Env. Awareness programme | 0.00 | 0.00 | | |
| 4 | Pollution monitoring | 1.00 | 1.00 | | |
| 5 | Dust suppression | 2.00 | 2.00 | | |
| 6 | Occupational Health & Safety of mine workers | 0.50 | 0.50 | | |
| 7 | Laying of Hume pipes | 0.00 | 0.00 | | |
| | Total | 7.00 | 7.00 | | |

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 | 1.00 | |
| 2 | Covid -19 | Distribution of Sanitizers, face masks etc in the nearby village. | 0.39 | |
| 3 | Sanitation | Construction of toilet in the nearby village | 1.50 | |
| | Total | | 2.89 | |

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 | |
| | Total | 15.00 | 2.80 | |

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 | --- |
| 5 | RBM material to locals on concessional rates | --- |
| 6 | Manual mining & Employment to the local unemployed youth | --- |
| 7 | Strongly opposed any such activity in the Nallah | Yes |
| 8 | Already done mining in the area has damaged the irrigation canals & as a result the agriculture lands have become barren. | Yes |
| 9 | Mining should be handed over to the local panchayat | Yes |
| 10 | Mining activities has resulted in the receding of the water levels in the area | 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 | Outside mining site boundary | Upstream from mining block | Downstream From mining block | Remarks |
|-------|-------------------|-----------------------------|------------------------------|----------------------------|------------------------------|---------|
| | | | | | | |

| | | (Yes/No/Not identifiable) | (Yes/No/Not identifiable) | (Mts.) | (Mts.) | |
|----------|---|---------------------------|---------------------------|--------|--------|-------------------------|
| 1 | Features indicative of any Illegal mining. | Yes | Yes | - | - | 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 any, located within mining area/ within 500 mts. from the ends of mining block. | No | No | - | - | |
| 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. | No | No | - | - | |

| | | | | | | |
|-----------|---|------------------|-----|---|---|---|
| | from the mining block. | | | | | |
| 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 within 500 mts. of the mining block. | Not identifiable | Yes | - | - | Features indicative of presence of supply channel of irrigation works in the vicinity |
| 8 | Active water channels, if any crossing the mining block. | Yes | Yes | - | - | Need to be excluded from mining activity |
| 9 | National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block. | No | No | - | - | |
| 10 | Forest land, if any located in close vicinity of the mining block. If yes, the distance thereof | No | No | - | - | |

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

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

- a) The project had earlier been discussed during 29th meeting held on 13.03.2021 during which the committee recommended TORs to the project subject to title verification of the mining block by the concerned revenue authority as state land and subject to exclusion of the private land if any involved due to change of nalla course and subject to revision of project cost. The PP subsequently obtained title verification of the land under the block.
- b) The case was again discussed during the 69th meeting held on 05.11.2021 during which the committee did not approve the project and the PP was asked to submit compliance to the following observations:
 - i. From the perusal of Public Hearing notes, it appears that the general mood amongst the people is not in favour of mining activity in the area probably due to the apprehension that as soon as mining activity begins, their Kuhls and canals will be left high and dry and that the agricultural production will suffer for want of adequate water supply for irrigation. They seem not to have been satisfied with the assurances being given to them in this regard. In the above context, the Concerned Dy. Commissioner needs to constitute a committee comprising of Xen Irrigation, Xen Flood Control, Tehsildar concerned and the representatives of PRI to go through the concerns highlighted in the public hearing report and to evolve comprehensive proposals including engineering works which will ensure uninterrupted flow of water in the existing kuhls along the banks of Suran river, the cost thereof shall have to be met by the project proponent.
 - ii. The Committee observed features on Google Image, indicative of an offtake point of irrigation kuhl in the vicinity of the mining block and **desired project proponent to obtain field verification of same by the concerned Xen Irrigation Dept. with seal and signature on the back side of Colour Google image of the area depicting the mining block boundary and Kuhl offtake point, if any within 200m of the mining block boundary.**
 - iii. The active water channel passing through the mining block would require to be excluded.
 - iv. Submission of non-involvement in illegal mining activity certificate from the competent authority.
 - v. Submission of photographs of display screen of Air Quality Monitoring Station displaying the dates of collection of baseline data.

- vi. Revision of project cost.
- vii. Adopting a mining depth of max. 1m and bulk density of 2 in absence of replenishment study and ground based measurements.

c) During deliberations in the instant meeting, the Committee observed that :-

- i. **In compliance to serial No.i supra, the Committee observed that the report of the joint Committee consisting of Executive Engineers of Irrigation and PHE depts. as constituted by Dy. Commissioner, has failed to take the most important constituent of the stakeholders, the beneficiaries of the irrigation system in confidence and to allay their apprehensions raised during Public Hearing. w.r.t impact of mining operations on Kuhls and canals that take off from Suran Nallah.**
- ii. **The public sentiment with regard to adverse impact of mining on agricultural production was very strong and needs to be assuaged before the mining operations are permitted.**
- iii. The Committee, as such, desires that **the Dy. Commissioner concerned** again call a joint meeting of all the stakeholders including the public representatives who had participated in the public hearing to address and resolve their apprehensions. A report to this effect be submitted to the JKEIAA to help carry forward the appraisal process.
- iv. With respect to item No. ii, supra, the report issued by Executive Engineer, Irrigation Division, Poonch vide No. IFCP/1196 dated 25/11/2021 and the report issued by Joint Inspection Committee comprising of Executive Engineer, I&FC, Division Poonch, Executive Engineer (Jal Shakti) PHE Division Poonch & Tehsildar Haveli, Poonch (bearing no number and date) lie in contradiction. To clarify the matter, the project proponent may obtain fresh NoC from the Executive Engineer to the effect that:-
 - a. The mining block does not fall within 200mts from any Irrigation scheme/Headwork/Off-take point and 50mts from the canal.
 - b. No Inlet / Headwork/ off-take point of any Irrigation canal/irrigation kuhl originates from within the designated mining block.
 - c. The mining activity in the designated mining block will not **have any adverse** effect on the flow of water to the irrigation canal/kuhl/ safety of Irrigation works.
- v. With respect item iii, the PP has excluded active water channel portion from the mining block.
- vi. With respect to item iv, the PP has submitted the report from Multi Dept. District level Task Force (MDLTF) cell, which states that the PP is not involved in any kind of illegal mining activity in and around the mining block.
- vii. With respect to item v, the photographs of display screen of Air Quality Monitoring Station displaying the dates of collection of baseline data have not submitted and same needs to be submitted.

- viii. With respect to item vi, the PP has revised the project cost.
- ix. With respect to item vii, the PP has revised the mining depth & bulk density in the EIA report. However, the same needs to be revised in the mining plan.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee did not recommend the case for the grant of environmental Clearance in the present form.

The PP, if he so desires, may again approach the JKEIAA for reconsideration of the case, after complying with the observations/recommendations made herein above under deliberations.

AGENDA ITEM NO: 06 & 07

| | |
|---|--|
| Title of case: | Grant of Environmental clearance for Minor Minerals (RBM) at Block No. 28, Revised area (3.15) Ha located at Army camp Aghama D/Stream Nallah Rambaira, Tehsil : Chitragam, District- Shopian & U.T J& K in favour of Feroz Ah. Wani S/O Gh. Mohammad wani. <i>and</i> Grant of Environmental clearance for Minor Minerals (RBM) at Block No. 30, Revised area (2.90) Ha, located at Irrigation Scheme Nowpora D/Stream Nallah Rambaira, Tehsil: Chitragam, District-Shopian & U.T J& K in favour of Feroz Ah. Wani S/O Gh. Mohammad Wani. |
| Project type (whether mining lease/STP/ Quarry license/brick earth) | Mining Lease |
| Category(B1/B2) | B1 |
| Proposal Nos: | |
| Mining Block No. 28 | SIA/JK/MIN/66641/2020 // SIA/JK/MIN/54931/2020 |
| Mining Block No. 30 | SIA/JK/MIN/66645/2020 // SIA/JK/MIN/54946/2020 |
| File nos: | |
| Mining Block No. 28 | SEAC/JK/20/205 |
| Mining Block No. 30 | SEAC/JK/20/207 |

| | |
|---|---|
| Consultant with validity | M/S OCEAO Enviro Management Solutions Pvt. Ltd. Valid till: 04/08/2024 |
| Presenter of consultant: | |
| Project proponent / representative of Project proponent: | |

CASE SUMMARY

| Mining Block No. | Status | Revised Area (Ha) | Bid cost (in lacs) | Project cost (in lacs) | EMP cost proposed (in lacs) | | CER budget proposed (lacs/annum) |
|------------------|-------------|-------------------|--------------------|------------------------|-----------------------------|-----------|----------------------------------|
| | | | | | Capital | Recurring | |
| 28 | New Project | 3.15 | 21.70 | 286.00 | 7.7 | 1.82 | 5.32 |
| 30 | New Project | 2.90 | 23.90 | 287.00 | 8.31 | 1.92 | 5.30 |

| Mining Block No. | Mine Closure plan proposed (in lacs) | Revised Mining depth proposed (mts.) | Haulage Route (Kms) | Revised Bulk density proposed by proponent | Cluster situation (Yes/No) |
|------------------|--------------------------------------|--------------------------------------|---------------------|--|----------------------------|
| 28 | 0.15 | 1 | 0.45 | 2.0 | Yes |
| 29 | 0.15 | 1 | 0.55 | 2.0 | Yes |

PROJECT EVENT DATES

| Mining Block No. | Date of Letter of Intent (LoI) | LoI –Date of Extension, if any | LoI Date of Validity | Date of Mining Plan approval | ToRs granted on |
|------------------|--------------------------------|--------------------------------|----------------------|------------------------------|-----------------|
| 28 | 02/04/2020 | 29/12/2021 | 31/03/2022 | 09/06/2020 | 26-08-2020 |
| 30 | 02/04/2020 | 29/12/2021 | 31/03/2022 | 09/06/2020 | 26-08-2020 |

| Mining Block No. | 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. |
|------------------|--|----------------------------|--|------------------------|------------------------------------|---------------------------|
| 28 | NA | NA | Oct-Dec 2020 | 05-05-2021 | 13-08-2020 & 04/09/2021 | 30/11/2021 |
| 30 | NA | NA | Oct-Dec 2020 | 05-05-2021 | 13-08-2020 & 04/09/2021 | 03/12/2021 |

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 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 (Mining Block No. 28 & 30) | Remarks/ Reference |
|--------|--|---|--|
| 1 | Irrigation Dept. | Issued conditionally | Allowpora and Ahgam branches of Saller Khul in the close vicinity. |
| 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 FOR EACH MINING BLOCK

| S. No | Proposed actions | Budget proposed by Proponent under mining block 28 (in lacs) | | Budget suggested by Committee (in lacs) Block 28 | | Budget proposed by Proponent under mining block 30 (in lacs) | | Budget suggested by Committee (in lacs) Block 30 | |
|-------|------------------|--|-----------|---|-----------|--|-----------|---|-----------|
| | | Capital | Recurring | Capital | Recurring | Capital | Recurring | Capital | Recurring |
| | | | | | | | | | |

| | | | | | | | | | |
|----|--|-------------|-------------|--------------|-------------|-------------|-------------|--------------|-------------|
| 1 | Green belt development | 0.53 | 0.14 | 3.00 | 2.00 | 0.48 | 0.12 | 2.00 | 1.00 |
| 2 | Haulage route maintenance | 2.70 | 0.27 | 3.00 | 2.00 | 3.30 | 0.33 | 2.00 | 1.00 |
| 3. | Env. Awareness programme | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | Pollution monitoring | 0.42 | 0.42 | 1.00 | 1.00 | 0.42 | 0.42 | 1.00 | 1.00 |
| 5 | Dust suppression | 0.27 | 0.27 | 1.00 | 1.00 | 0.33 | 0.33 | 1.00 | 1.00 |
| 7. | Occupational Health & Safety of mine workers | 3.55 | 0.57 | 3.55 | 1.00 | 3.55 | 0.57 | 3.55 | 1.00 |
| 8 | Solid waste management | 0.23 | 0.15 | 0.25 | 0.20 | 0.23 | 0.15 | 0.25 | 0.20 |
| 9 | Laying of Hume pipes across water creeks/ restoration /protection of irrigation system | 0.00 | 0.00 | 3.00 | 2.00 | 0.00 | 0.00 | 3.00 | 2.00 |
| | Total | 7.70 | 1.82 | 14.80 | 9.20 | 8.31 | 1.92 | 12.80 | 7.20 |

COORPORATE ENVIRONMENT RESPONSIBILITY FOR EACH MINING BLOCK

| S. No. | Project activity | Activities | Budget proposed by Proponent under mining block 28 (in lacs) | Budget proposed by Proponent under mining block 30 (in lacs) |
|--------|------------------|---|--|--|
| 1 | Electrification | Solar Lamp distribution & Solar street light installation in the nearby school/village. | 2.66 | 2.65 |
| 2 | Education | Provision for making smart classes in the nearby school | 2.66 | 2.65 |
| | | Total | 5.32 | 5.30 |

BUDGET FOR SURVILIENCE

| S. No. | Particulars | Budget proposed by Proponent under mining block 28 and block 30(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 | | |
| | Total | 16.00 | 1.85 | | |

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 | --- |
| 2 | Prevention of illegal mining | Yes |
| 3 | EMP cost to be implemented practically | --- |
| 4 | CER/CSR Activities for social upliftment | --- |
| 5 | RBM material to locals on concessional rates | --- |
| 6 | Manual mining & Employment to the local unemployed youth | Yes |
| 7 | Display of contact details of concerned authorities for enabling locals to report illegal mining or violation of EC conditions | --- |
| 8 | Pollution, land degradation, loss of water body, irrigation channels and rivulets | Yes |
| 9 | Loss of land, unemployment and environmental concerns | Yes |
| 10 | Impact on social life and horticultural/pasturelands | --- |
| 11 | Money generated should be utilized at panchayat level | --- |
| 12 | Ban on mining activities at the night | Yes |
| 14 | Natural course of water should not be disturbed | Yes |

| | | |
|----|--|-----|
| 15 | Dispensary & PHC for the area | Yes |
| 16 | Land earmarked for lease actually belongs to Panchayat | 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 on Google Image of May/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 any, located within mining area/ within 500 mts. from the ends of mining block. | No | No | - | - | |
| 4 | Foot bridge with only abutments on two banks, if any located within mining | No | No | - | - | |

| | | | | | | |
|----------|---|-------------------------|------------|---|---|---|
| | area/ within 500 mts. from the ends of mining block. | | | | | |
| 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 within 500 mts. of the mining block. | Not identifiable | Yes | - | - | Allowpora and Ahgam branches of Saller Khul in the vicinity |
| 8 | Active water channels, if any crossing the mining block. | No | No | - | - | --- |
| 9 | National Park/Wildlife | No | No | - | - | |

| | | | | | | |
|-----------|--|-----------|-----------|---|---|--|
| | Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block. | | | | | |
| 10 | 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 | - | - | |

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

- a) The cases had earlier been discussed during the 11th meeting held on 13.08.2020 during which the committee recommended TORs for mining block 28,29 and 30 as a cluster situation because the mining blocks of single project proponent were closely located and represented by same consultant.
- b) The case of Block 28 and block 30 were again discussed during the 59th meeting held on 04.09.2021 during which the committee recommended the cases in the cluster for rejection of grant of Environmental Clearance and had demanded the PP to submit compliance to the following observations:
 - i. The Committee examined the mining blocks on Google Earth platform and observed that the supply channel of the nearby kuhl /canal lies in close proximity to the mining blocks 28, and 30 respectively. Therefore, the Committee desired fool proof technical measures on ground to ensure that there is no interruption in flow of water for irrigation and other consumptive use by local community to be specifically certified and technically vetted by the Chief Engineer, Irrigation Dept. and Chief Engineer, PHE Department.
 - ii. Illegal mining activity was detected in the mining blocks as per features on Google image of May, 2021 which needs clarification from the Multi Dept. District level Task Force (MLDTF) Cell in order to fix

responsibility for illegal mining in the area / to rule out that the instant case does not fall in violation category.

- iii. The Committee observed that the test reports of the baseline data are bearing date of issue as 30/10/2020 and are in the name of new consultant viz. Atmos Sustainable Solutions Pvt. Ltd. when the said consultancy did not exist as authorized consultancy of the project proponent in the year 2020. In fact, the project proponent changed the consultant from M/S Oceao Environment Engineering Solutions to M/S Atmos Sustainable Solutions Pvt. Ltd. probably in the month of August, 2021. Mr. Gilbert was asked to explain this but he could not give any satisfactory explanation which questions the very credibility of the baseline data so projected as well as the NABEL Accredited Lab **M/S J.P. Test & Research Centre, Gaziabad, UP.**
- iv. Compliance to specific ToR condition relating to photographs of display screen displaying the dates of collection of data was found missing in EIA report.
- v. In the concluding part of the Public Hearing Report, the authorities have reported as under: -

“From the above discussion during both the sessions of Public Hearing, it can be construed that people were opposing mining activities because of their apprehension about damage to the irrigation canals by excavation. They were also apprehensive of its impact on their horticulture and agricultural activities, loss of land, unemployment among the local population, use of mechanical equipment for mining during night hours and environmental/ecological degradation. The above-mentioned issues raised by the public should be taken care of before granting environmental clearance.”

c) During deliberations in the instant meeting, the Committee observed as: -

- i. The PP has again changed the Consultant from M/S Atmos Sustainable Solutions Pvt. Ltd. to M/S Oceao Environment Engineering Solutions Pvt. Ltd.
- ii. The new Consultant viz. M/S Oceao Environment Engineering Solutions Pvt. Ltd. has submitted new baseline data sheets issued by **M/S Enviro-Tech Services, Gaziabad UP during January, 2021.** The consultant was asked to establish credibility of the fresh baseline data sheets issued by the new NABEL Laboratory in the light of the observations made w.r.t baseline data presented in earlier meeting by his predecessor. In this regard, he informed that he had collected the baseline data earlier but the same could not be presented due to change of consultant by the PP and the data presented by new consultant viz. M/S Atmos Sustainable Solutions Pvt. Ltd. in the previous meeting was not factual. He further informed that when the JKEAC exposed his unprofessional and unethical approach in the 59th meeting, the PP reengaged our consultancy as we had the actual baseline data with us. However, the Committee was not satisfied and desired that the consultant should get the baseline data collected afresh within three months, maintaining candid proof of having actually collected the data in field and get it analysed from a different NABEL Laboratory. ***In the***

meantime, the committee recommended the JKEIAA to take up the matter with Director, G&M Dept. as the DMO concerned had authenticated two different sets of baseline data sheets from different agencies for the same project, thereby, creating difficulties in the appraisal process and request him to issue appropriate directions to the DMOs to take the authentication process seriously.

- iii. The consultant informed that the PP has resized the mining blocks 28 and 30 to **3.15 Ha** and **2.90 Ha** respectively to maintain a safe distance of 200m from the offtake points of Irrigation kuhl. Besides, the PP has also submitted letter dated 19/02/2022 from Chief Engineer PHE Dept. indicating that the mining activity in the blocks shall not have any adverse impact on the existing water supply schemes. CE, PHE has desired the G&M Dept. to sign MoU with the Xen PHE dept. for undertaking adoption of necessary precautions. The PP has also submitted fresh NOC issued by the Assistant Executive Engineer (Irrigation Dept.) Sub-Division Shopian, vide Letter No. ISD/SPN/419-21 dated 23/11/2021 which states that the Dept. has no objection if the mining blocks are resized/relocated to a safe distance of 30 mtrs. from the edge of the effected canals.
- iv. The resized mining blocks were examined on the Google image using the revised KML files submitted by the consultant. It was found that though the offtake point of kuhl is more than 200m from the resized block No.28, the offtake point of kuhl is at a distance of less than 200m from mining block No.30 and therefore, the Committee desired that the mining block 30 be further resized to 2.50 Ha to maintain safe distance of 200m from both the offtake points, besides, obtaining a fresh clarification from Irrigation Dept. certifying therein that the after resizing the block 30 to **2.50 Ha**, there will be no adverse impact on the offtake points of irrigation kuhl, **prior to grant of EC.**
- v. The PP has submitted the report from Multi Dept. District level Task Force (MDLTF) cell, which states that the PP is not involved in any kind of illegal mining activity in and around the mining blocks.
- vi. Since, the Committee while examining the mining block on latest Google Image of May, 2021 noted marks of heavy illegal mining and depletion of RBM in the resized mining blocks, it was desired that the PP should obtain a categorical, **'fit for mining certificate'** from the competent authority of G&M Dept. stating therein that enough replenishment has taken place as on date and there is adequate river bed material available in the resized mining blocks that can be extracted without endangering the ecological and hydrological regime of the nalla, **prior to grant of EC.**
- vii. Compliance to specific ToR condition relating to photographs of display screen displaying the date of collection of data has not been submitted and compliance needs to be made **before grant of EC.**
- viii. The concerns raised by the locals during public hearing were discussed and the consultant presented proposals aimed at addressing same. In this connection, the Committee desired that:-
 - a. **No JCBs and other mechanical methods of mining shall be allowed. Only manual mining should be permitted for extraction of RBM in the resized blocks under close**

supervision of the stakeholder departments and local panchayat.

- b. Local youths should be given preferential treatment in employment to meet the labour force required for manual mining.
- c. It will be the responsibility of the PP to ensure that supply of irrigation water is not interrupted / reduced in whatever manner. The PP shall submit an undertaking to the Xen Irrigation Dept. stating therein, that the irrigation network in the vicinity shall not be disturbed on account of mining operations and in case, it is established that mining operations have led to depletion of irrigation water supply, the PP shall bear all the costs involved in restoration of irrigation water supply to the same level. The determination in this regard by Executive Engineer, Irrigation shall be binding on the mine lease holder. A copy of this undertaking shall be part of documents to be submitted to JKEIAA, **prior to grant of EC.**
- d. Wherever, an active water creek is required to be crossed for haulage of the extracted material, hume pipe crossings of appropriate specification shall be constructed to ensure that free flow of water is neither disturbed nor diverted.
- e. The PP shall obtain explicit title verification of the land under the two revised mining blocks as **'state land'** from competent revenue 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 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 30 from 2.90 Ha to 2.50 Ha as per deliberations, **prior to grant of EC.**
- c) Submission of fresh NOC from Xen Irrigation to the effect that after resizing the mining block No. 28 to 3.15 Ha and mining block No. 30 to 2.50 Ha, there will be no adverse impact on the irrigation water supply to the offtake points of the kuhls/canals, **prior to grant of EC.**
- d) **Submission of copy of undertaking to the Irrigation Dept. as per above deliberations, prior to grant of EC.**
- e) Revision of the mining plan with mine closure plan, revised mining depth, revised area, bulk density, surface plan, targeted mineral production and replenishment and its *denovo* approval by the competent authority, **prior to grant of EC.**
- e) Compliance of specific ToR condition relating to photographs of display screen displaying the date of collection of data, **prior to grant of formal EC.**
- f) Submission of **fit for mining certificate** in favour of the cluster from G&M Dept., **prior to grant of EC.**
- g) **Strict adherence to the terms and conditions of the NOCs of the stakeholder departments especially conditions laid by the Fisheries Department, PHE and Irrigation and Flood Control Dept. which need to be monitored by the enforcement agencies and concerned dept.**

- h) **No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- i) Maximum targeted mineral production of **37800 MT** for block No.28 & **30,000 MT** for block No.30.
- j) Condition the geographical coordinates as per revised area of the resized blocks issued by G&M Dept. are mentioned in the EC letter by JKEIAA
- k) **Submission of compliance to all other observations made herein above under deliberations, prior to grant of EC.**
- l) Validity of only **three years** from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA and JKPCB in view of non-availability of replenishment data

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 Globus Environment Engineering Services, Lucknow | M/S Oceao Environment Management Solutions Pvt. Ltd, | P and M Solution, Noida |
|--------|---|--|--|-------------------------|
| 1 | Submission of the documents | 6 | 6 | 6 |
| 2 | Site Appreciation Note, kml /kmz file, site photo and site videos and PowerPoint presentation | 5 | 5 | 5 |
| 3 | Presentation of factual details of case(s) | 6 | 5 | 6 |
| 4 | Field knowledge of the case(s) | 5 | 5 | 5 |
| 5 | Formulation of PFR, EMP, EIA, CER etc. | 5 | 6 | 6 |
| | Overall professional conduct during proceedings | 5.4 | 5.4 | 5.6 |

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)
SECRETARY

JKUT level Expert Appraisal Committee

NO:EAC/JK/22/13131-13143

Dated: 25.03.2022

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.
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 2nd 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 2nd 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 29th 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). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
- 14) The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred than mining operation shall only be carried out after transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.

Air quality monitoring and preservation

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

Water quality monitoring and preservation

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

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

Noise and vibration monitoring and prevention

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

Mining plan

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

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

Transportation

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

Green Belt

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

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

Public hearing and human health issues

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

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

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

Corporate Environment Responsibility (CER)

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

Miscellaneous

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

SPECIFIC CONDITIONS: -

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

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| 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 th 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. |

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| 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. |

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| 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 |

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| | 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. |

