



0191-2474553/0194-2490602

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

J&K EXPERT APPRAISAL COMMITTEE

Department of Ecology, Environment & Remote Sensing

Paryavaran Bhavan, Gladeni, Transport Nagar, Narwal, Jammu Tawi (November-April)

SDA Housing Colony, Bemina, Srinagar, Kashmir (May-October)

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MINUTES OF MEETING

MINUTES OF 6th MEETING OF THE JK EXPERT APPRAISAL COMMITTEE HELD ON 06/05/2020 VIA VIDEO CONFERENCING OWING TO COVID-19 OUTBREAK AND SUBSEQUENT LOCKDOWN

The following were present via video conferencing:

1. Mr.S.C. Sharma, IFS(Rtd.)	Chairman
2. Mr. M.A Tak, IFS(Rtd.)	Member
3. Mr. B.B. Sharma	Member
4. Prof. Shakil Ahmad Romshoo	Member
5. Prof. Anil Kumar Raina	Member
6. Prof. Arvind Jasrotia	Member
7. Dr. Yash Paul Sharma, Scientist, PCB	Special Invitee
8. Mr. Humayun Rashid	Secretary

In pursuance to letter No. JKEIAA/2018/111/106/186-88 dated: 07/03/2020 a EAC meeting was scheduled on 23rd of March, 2020 vide meeting notice issued under No. SEAC/JK/20/743-63 dated 07/03/2020 which had to be cancelled due guidelines issued by District Administration, Jammu owing to COVID-19 outbreak. In order to dispose off the pending cases of important nature, it was decided to conduct the EAC meeting via video conferencing. Accordingly, the 6th EAC meeting was held via video conferencing in pursuance to meeting notice issued vide No: SEAC/JK/20/784-799 dated: 27/04/2020 to discuss the following six cases that had been listed in the earlier meeting cancelled during March, 2020.

At the very outset, the Secretary, JKEAC welcomed the Chairman, other members of the JKEAC and representative of JKPCB. The Secretary informed the participating members that the other members could not participate as they expressed their inability to do so due to mobile phone and internet disruption and lack of broadband facility at their end to connect.

The Secretary informed the forum that the JK Environment Impact Assessment Authority had received a few online applications for grant of Environmental Clearance with respect to Short Term Permits(STPs) for mining of minor minerals in terms of JK Minor Mineral Rules of 2016. Since, EIA Notification of 2006 specifically mentions about mining leases and not STPs, a clarification had been sought by the office of JKEIAA from the Ministry of Environment, Forest & Climate Change initially in one such case but, on one hand, no such clarification was received and on the other hand, few more cases of STPs for projects involving national importance were filed for grant of EC and therefore, **keeping in view the national interest**, the JKEIAA asked the project proponents to submit all statutory documents including approved mining plan required as per EIA Notification read with amendments thereof for enabling it to initiate the appraisal process. Besides, it was noticed that in some cases, the Mining plans had recommended mining depth of more than 2 mt. which is not in line with guidelines issued by the MoEF&CC. Therefore, mining depth was recommended at maximum 1 mt. It was recommended that in case the requisite quantity is not met within the prescribed mining depth, the PPs are free to apply for more areas to fulfil requirements of their projects.

Further, during deliberations, it was observed that Konkan Railway Corporation has obtained letter of intents from the Geology & Mining Department vide letter No.JD(J)/PE/2019-20/2601-03 dated 21/01/2020 for extraction of river bed material to the tune of 33,000 metric tons of Nalla bajri from khsra Nos.253/235 and 35 involving an area of 22 kanal 18 marlas and 21 kanal 1 marla in respect of Kheral Nalla and 22201.44 Metric tons of Nalla sand from khsra Nos.1577 involving an area of 22 kanal 18 marla and 29 kanal 07 marlas falling in Hemna village River Chenab for a period of one month(02STPs). Further, the proponent has submitted four projects under the nomenclature of Hemna-I and Hemna –II and Kheral-I and Kheral-II. Besides, in some cases, the mining plans have prescribed mining depth of more than 2 mts which is at variance with guidelines prescribed by the Ministry of Environment, Forest & climate Change(MoEF&CC) for hilly areas. Worthwhile to mention, the proponent has appended letter of intent of the two STPs with each of the four projects thereby creating confusion w.r.t total quantity to be extracted. Therefore, keeping in view the govt. interests, it was decided to club the cases under agenda item 3&5 (Hemna-I and Hemna-II) and agenda item No. 4&6 (Kheral-I&Kheral-II) as Hemna and Kheral strictly in accordance with the letter of intent and the proposed plot sizes for extraction of the river bed material under close supervision of Geology & Mining Department.

The listed agenda items were discussed as per following sequence:-

Agenda Item No:1	Grant of Environment Clearance in favour of M/S Gayatri Projects Ltd., Sr. Project Manager Sh. N Shrinivas Rao Project Office H. No. 305, Sector-5 Channi Himmat, Jammu-180015, J&K.
Proposal No:	SIA/JK/MIN/147377/2020
File No:	SEAC/JK/20/167
Title of the Case:	Application for Environment Clearance for construction of Ring Road Projects by M/S Gayatri Projects Ltd. Minor Minerals at River Basanter (River Bed Material Deposit) with an area of 0.90 ha and Extraction of 35000 MT. Village Mandhera, Tehsil-Samba District Samba, J&K.

The project was presented by the authorized consultant Shri Pankaj Panday, Registered Qualified Person (RQP) and Shri Ashish S, project proponent Swain from M/S Gayatri Projects Ltd. Worthwhile to mention, the project pertains to grant of short term permit (STP) by the Geology & Mining Department under provisions of Minor Mineral Concession Rules of 2016 read with amendments for extraction of 35,000 MT of Minor Mineral (River bed material) from River Basantar near Samba over an area of 0.90 hectares required for construction of Ring road by National High Way Authority of India. The consultant gave a detailed power point presentation and informed the forum that no mining activity has been started at site and there is no mining lease within 500 mts on either side of the designated STP site. Further, he informed the forum that there is no case pending against the project in any court of competent jurisdiction and no standing orders from any Hon'ble Court against the said STP. The impact of the project on the environmental setting was discussed threadbare in the light of standing notifications and sand mining guidelines of 2016 and 2020 issued by Ministry of Environment, Forest and Climate Change(MoEF&CC). During discussion, the Project proponent was asked to revise the Environment Management Plan(EMP) in consultation with local stake holder departments and to earmark adequate funds under planting of saplings, Occupational Health Care and works under Corporate Environment Responsibility(CER) and to transfer the earmarked funds to the concerned stake holder departments for utilization in

consultation with the local Panchayat representatives. The copy of revised EMP shall immediately be submitted by the PP to the JKEIAA and JKEAC for record and reference and **formal grant of EC**. The Committee unanimously recommended the case for grant of environmental clearance subject to following standard and specific conditions:-

STANDARD GENERAL CONDITIONS:-

Category	S. No.	Environmental Conditions
Stake holder engagement	1	All the provisions made and restrictions imposed as covered in the Minor Mineral Rules, shall be complied with, particularly regarding Environment Management Practices and its fund management.
	2	The genuine concerns of the local people translated through local Panchayat shall be addressed during the mining operations
	3	The labourers should be from nearby villages
	4	All the orders from Hon'ble Courts of competent jurisdiction and authorities representing various government departments having stakes shall be complied with during the mining operations.
Sustainable Mining Practices	5	The recommendations made in the District Survey Report on sustainable mining practices if any shall be complied
	6	The depth of mining in Riverbed shall not exceed 1 metre or water level whichever is less.
	7	Mining activity shall not be allowed in rainy season
	8	The Geology & Mining Dept. shall study the replenishment of the dugout pits and document it for updating the District survey report
	9	To maintain safety and stability of Riverbanks i.e. 3 meter or 10% of the width of the River whichever is more will be left intact as no mining zone
	10	No stream should be diverted for the purpose of sand mining. No natural water course and/ or water resources are obstructed due to mining operations.
	11	Mining shall be carried by low profile machinery out without adoption of drilling & blasting. The RBM shall be exploited manually with spade, chisel, JCB etc.
Identification and Preparation of Mining Site	12	Mining should be initiated only after installation of signboards with demarcation pillars indicating the geo-coordinates of the plot at each corner to be laid in presence of the authorized official of the Geology & Mining Department
	13	There should be no change in the method of excavation and quantity of minerals to be extracted.
Monitoring the Mining of Mineral and its Transportation	14	The EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This should be produced before officers concerned for inspection
	15	The access to mining site should be controlled in a way that vehicles carrying mineral from that area are tracked and accounted for in accordance with standing guidelines issued by the Govt.
	16	The Geology & Mining Department should use technology like Bar Coding, Information and Communications

		Technology (ICT), Web based and ICT enabled services, mobile SMS App etc. to account for weight of mineral being taken out of the plot and the number of trucks moving out with the mineral.
Noise Management	17	Noise arising out of mining and processing shall be abated and controlled at source to keep within permissible limit. Measures should be taken to control noise levels below 85 dBA in the work environment. Workers should be provided with ear plugs.
	18	Restricted working hours. Sand mining operation has to be carried out between 6 am to 7 pm.
Air Pollution and Dust Management	19	The EC holder shall take all measures for protection of Environment and control of Pollution.
	20	The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly at loading, unloading and transfer points.
	21	The critical parameters of the Air and water shall be monitored within the impact zone of the Mine area particularly in the nearby habitations. The standing instructions issued from time to time by the Ministry of Environment, Forest & Climate Change (MoEF&CC) and Central Pollution Control Board (CPCB) shall be referred in this regard for compliance.
	22	Air due to dust, exhaust emission or fumes during mining and processing phase should be controlled and kept in permissible limits specified under environmental laws.
	23	The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.
	24	Overloading of trucks and trolleys will be avoided.
	25	Personal protective equipment's will be provided to the workers.
	26	Haul road will be kept wide, compact and water spraying will be done.
	Solid waste management	27
28		Bins shall have to be provided at site for collection of solid waste.
Bio-Diversity Protection	29	Adequate measures must be taken for the protection of local fauna and flora
	30	Protection of turtle and bird habitats shall be ensured.
	31	No felling of tree near quarry is allowed.
	32	Spring sources should not be affected due to mining activities. Necessary Protection measures are to be incorporated.
Management of Instability and Erosion	33	The PP shall use of oversize material to control erosion and movement of sediments
	34	There shall be no extraction of stone / boulder / sand in landslide prone areas.
	35	There should be controlled clearance of riparian vegetation to be undertaken

	36	The PP should take adequate steps to check soil erosion and control debris flow etc. by constructing engineering structures
	37	No overhangs shall be allowed to be formed due to mining and mining shall not be allowed in area where subsidence of rocks is likely to occur due to steep angle of slope.
Waste Management	38	Site clearance and tidiness is very much needed to have less visual impact of mining.
	39	Dumping of waste shall be done in earmarked places as approved in Mining Plan
	40	Rubbish burial shall not be done in the Rivers.
Enhancement of Road Safety	41	Vehicles used for transportation of sand are to be permitted only with fitness and PUC Certificates
	42	Junction at takeoff point of approach road with main road be properly developed with proper width and geometry required for safe movement of traffic by concession holder at his own cost.
	43	Project Proponent shall ensure that the road may not be damaged due to transportation of the mineral and transport of minerals will be as per IRC relevant guidelines if any in this regard.
	44	No stacking shall be allowed on road side along National Highways.
Health and Safety	45	Health and safety of workers should be taken care of. They should also be provided training in safety and health care aspects.
	46	Adequate facility for drinking water and toilets should be provided for the workers
	47	Transport of mineral will not be done through villages / habitations.
	48	Deep drilled handpump with sufficient funding provision should be earmarked for providing drinking facility to the labour force and accordingly it should be reflected in the revised EMP
	49	Recommendations of National Institute for Labour for ensuring good occupational environment for mine workers would also be adopted.
COVID-19 SOPs	50	The PP shall be responsible for enforcement of COVID-19 standard operating procedures and guidelines with respect to safety of workers involved in the mining activity.
Other mandatory requirements	51	The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
	52	The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
	53	The Project Proponent shall advertise, within 7 days of the date of issue of the EC, in two local dailies that the project has been granted EC and the copy of EC is uploaded on the MoEF&CC website at parivesh.nic.in. and copy of same should be endorsed to the Regional Office of the MoEF&CC at Chandigarh for information and necessary action.
	54	The MoEF&CC may alter/ modify or stipulate any other condition before, during the operations of the mine if it is found to be in the interest of environmental protection.

	55	Concealing of any information/data of submission of wrong/fabricated information by the Project Proponent and failure to comply with any of the above conditions may lead to withdrawal of the EC and attract action under the provisions of EP Act, 1986.
	56	An appeal against the EC shall lie with the Hon'ble NGT, if preferred within 30 days as prescribed under Section 16 of the NGT Act, 2010.

Specific Conditions:-

1	The project proponent shall extract whatever river bed material becomes available within the prescribed mining depth of 1metre or water level whichever is less, strictly within the size of the plot area as proposed by the project proponent(viz. 0.90 Ha)
2	The formal STP shall be granted only after the Project proponent submits a revised Environment Management Plan(EMP) to the JKEIAA, JKEAC and Geology & Mining Dept. duly authenticated by the concerned DFO, Social Forestry Dept., concerned Chief Medical Officer(CMO) and local Panchayat Head and the earmarked funds are transferred to the concerned stake holder departments in advance for utilization under close supervision of the Local Panchayat Head.
3	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.
4	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.
5	The grant of EC does not imply approval of the Govt. required under any other provision of law applicable in the UT of J&K
6	Before granting the STP, the Geology & Mining Department shall certify that no mining lease is in operation within 500 mts upstream and downstream from the plot identified for STP.
7	The EC holder shall obtain an estimate from the concerned DFO, Social Forestry Division for planting 1000 saplings of indigenous species in the nearby wastelands for which the funds required for planting and its maintenance for 2 years shall be transferred to the DFO, Social Forestry concerned in advance prior to grant of formal short Term Permit, for utilization to protect local biodiversity in the area. Accordingly, the PP shall revise the Environment Management Plan in consultation with concerned DFO Social Forestry Dept.
8	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.
9	The project proponent shall take all precautionary measures during mining operations for conservation and protection of endangered fauna and flora in the area.
10	The workers should be provided with PPEs. The plan worked out and expenditure made under Occupational Health should be undertaken in consultation with the Local Health Institution/PHC/Sub-Centre for utilization for the health and welfare of the local workers involved in mining activity and villagers living in the close vicinity. Regular Medical checkups and free medicines shall be provided under the fund. The funds earmarked under Occupational Health care shall be transferred to the CMO concerned in advance before grant of STP in favour of the project proponent.

11	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.
12	Provision shall be kept for housing of the labour force, toilets, facilities for cooking, safe water, health care, crèche etc. for the labour force.
13	A final Mine closure Plan along with details of Corpus fund shall be communicated to the MoEF&CC in advance for approval.
14	The top soil in case of surface land mining shall be temporarily stored at an appropriate site and concurrently used for land reclamation.
15	The mining operations shall be undertaken in a systematic manner so that it does not damage the aesthetic view of the area.
16	Adequate steps should be taken to check soil erosion and engineering structures shall be raised near the bank wherever required.
17	Before granting the STP, the District Mineral Officer concerned shall certify that no mining lease is in operation within 500 mts upstream and downstream from the plot identified for STP.
18	Mining shall not be allowed where there is danger to flood protection works and places of cultural, religious and historical significance.
19	The compliance report shall be submitted to the Regional Office of the MoEF&CC at Chandigarh with a copy to the Regulatory Authority.
20	The EC shall be valid for a period of three months from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA, JKPCB and the concerned District Administration.

Agenda Item No: 2 Grant of Environment Clearance in favour of M/S Konkhan Railway Corporation Ltd, Mr. S. D Patil, Dy., Chief Engineer, Geeta Nagar, Trintha, Tehsil-Reasi, District Reasi-182311.

Proposal No: SIA/JK/MIN/147795/2020

File No: SEAC/JK/20/168

Title of the Case: Application for Environment Clearance for M/S Konkhan Railway Corporation Ltd, Minor Minerals at River Mand Nallah (River Bed Material Deposit) Extraction of 18744 MT, Village Mansoo, Tehsil-Reasi District Reasi, J&K.

The project was presented by the authorized consultant Shri Pankaj Panday, Registered Qualified Person (RQP) and Shri S.D Patil, Dy. Chief Engineer, Konkhan Railway Corporation Ltd., Reasi, Jammu. Worthwhile to mention, the project pertains to grant of Short Term Permit (STP) by the Geology & Mining Department under provisions of Minor Mineral Concession Rules of 2016 read with amendments for extraction of 18744 MT of Minor Mineral (River bed material) from Mand Nallah near village Mansoo, Reasi District over an area of 0.929 hectares required for construction of USBRL Railway Line being executed by M/S Konkhan Railways Corporation Ltd. The consultant gave a detailed power point presentation and informed the forum that no mining activity has been started at site and there is no mining lease within 500 mts on either side of the designated STP site. Further, he informed the forum that there is no case pending against the project in any court of competent jurisdiction and no standing orders from any Hon'ble Court against the said STP. The impact of the project on the environmental setting was discussed threadbare in the light of standing notifications and sand mining /enforcement guidelines of 2016 and 2020 respectively issued by Ministry of Environment, Forest and Climate Change(MoEF&CC). During discussion, the Project proponent was asked to revise the Environment Management Plan(EMP) in consultation with

local stake holder departments and to earmark adequate funds under planting of saplings, Occupational Health Care for workers and works under Corporate Environment Responsibility(CER) and to transfer the earmarked funds to the concerned stake holder departments for utilization in consultation with the local Panchayat representatives. The copy of revised EMP shall immediately be submitted by the PP to the JKEIAA and JKEAC for record and reference and **formal grant of EC**. The Committee unanimously recommended the case for grant of environmental clearance subject to following standard and specific conditions:-

STANDARD GENERAL CONDITIONS:-

Category	S. No.	Environmental Conditions
Stake holder engagement	1	All the provisions made and restrictions imposed as covered in the Minor Mineral Rules, shall be complied with, particularly regarding Environment Management Practices and its fund management.
	2	The genuine concerns of the local people translated through local Panchayat shall be addressed during the mining operations
	3	The labourers should be from nearby villages
	4	All the orders from Hon'ble Courts of competent jurisdiction and authorities representing various government departments having stakes shall be complied with during the mining operations.
Sustainable Mining Practices	5	The recommendations made in the District Survey Report on sustainable mining practices if any shall be complied
	6	The depth of mining in Riverbed shall not exceed 0.87 metre or water level whichever is less.
	7	Mining activity shall not be allowed in rainy season
	8	The Geology & Mining Dept. shall study the replenishment of the dugout pits and document it for updating the District survey report
	9	To maintain safety and stability of Riverbanks i.e. 3 meter or 10% of the width of the River whichever is more will be left intact as no mining zone
	10	No stream should be diverted for the purpose of sand mining. No natural water course and/ or water resources are obstructed due to mining operations.
	11	Mining shall be carried by low profile machinery out without adoption of drilling & blasting. The RBM shall be exploited manually with spade, chisel, JCB etc.
Identification and Preparation of Mining Site	12	Mining should be initiated only after installation of signboards with demarcation pillars indicating the geo-coordinates of the plot at each corner to be laid in presence of the authorized official of the Geology & Mining Department
	13	There should be no change in the method of excavation and quantity of minerals to be extracted.
Monitoring the Mining of Mineral and its Transportation	14	The EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This should be produced before officers concerned for inspection
	15	The access to mining site should be controlled in a way that vehicles carrying mineral from that area are tracked and

		accounted for in accordance with standing guidelines issued by the Govt.
	16	The Geology & Mining Department should use technology like Bar Coding, Information and Communications Technology (ICT), Web based and ICT enabled services, mobile SMS App etc. to account for weight of mineral being taken out of the plot and the number of trucks moving out with the mineral.
Noise Management	17	Noise arising out of mining and processing shall be abated and controlled at source to keep within permissible limit. Measures should be taken to control noise levels below 85 dBA in the work environment. Workers should be provided with ear plugs.
	18	Restricted working hours. Sand mining operation has to be carried out between 6 am to 7 pm.
Air Pollution and Dust Management	19	The EC holder shall take all measures for protection of Environment and control of Pollution.
	20	The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly at loading, unloading and transfer points.
	21	The critical parameters of the Air and water shall be monitored within the impact zone of the Mine area particularly in the nearby habitations. The standing instructions issued from time to time by the Ministry of Environment, Forest & Climate Change (MoEF&CC) and Central Pollution Control Board (CPCB) shall be referred in this regard for compliance.
	22	Air due to dust, exhaust emission or fumes during mining and processing phase should be controlled and kept in permissible limits specified under environmental laws.
	23	The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.
	24	Overloading of trucks and trolleys will be avoided.
	25	Personal protective equipment's will be provided to the workers.
	26	Haul road will be kept wide, compact and water spraying will be done.
Solid waste management	27	Waste generated will be collected on regular basis and will be disposed as per the Municipal Solid Waste Management (Management & Handling) Rule 2000 and its subsequent amendments.
	28	Bins shall have to be provided at site for collection of solid waste.
Bio-Diversity Protection	29	Adequate measures must be taken for the protection of local fauna and flora
	30	Protection of turtle and bird habitats shall be ensured.
	31	No felling of tree near quarry is allowed.
	32	Spring sources should not be affected due to mining activities. Necessary Protection measures are to be incorporated.
	33	The PP shall use of oversize material to control erosion and movement of sediments

Management of Instability and Erosion	34	There shall be no extraction of stone / boulder / sand in landslide prone areas.
	35	There should be controlled clearance of riparian vegetation to be undertaken
	36	The PP should take adequate steps to check soil erosion and control debris flow etc. by constructing engineering structures
	37	No overhangs shall be allowed to be formed due to mining and mining shall not be allowed in area where subsidence of rocks is likely to occur due to steep angle of slope.
Waste Management	38	Site clearance and tidiness is very much needed to have less visual impact of mining.
	39	Dumping of waste shall be done in earmarked places as approved in Mining Plan
	40	Rubbish burial shall not be done in the Rivers.
Enhancement of Road Safety	41	Vehicles used for transportation of sand are to be permitted only with fitness and PUC Certificates
	42	Junction at takeoff point of approach road with main road be properly developed with proper width and geometry required for safe movement of traffic by concession holder at his own cost.
	43	Project Proponent shall ensure that the road may not be damaged due to transportation of the mineral and transport of minerals will be as per IRC relevant guidelines if any in this regard.
	44	No stacking shall be allowed on road side along National Highways.
Health and Safety	45	Health and safety of workers should be taken care of. They should also be provided training in safety and health care aspects.
	46	Adequate facility for drinking water and toilets should be provided for the workers
	47	Transport of mineral will not be done through villages / habitations.
	48	Deep drilled handpump with sufficient funding provision should be earmarked for providing drinking facility to the labour force and accordingly it should be reflected in the revised EMP
	49	Recommendations of National Institute for Labour for ensuring good occupational environment for mine workers would also be adopted.
COVID-19 SOPs	50	The PP shall be responsible for enforcement of COVID-19 standard operating procedures and guidelines with respect to safety of workers involved in the mining activity.
Other mandatory requirements	51	The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
	52	The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
	53	The Project Proponent shall advertise, within 7 days of the date of issue of the EC, in two local dailies that the project has been granted EC and the copy of EC is uploaded on the MoEF&CC website at parivesh.nic.in. and copy of same

		should be endorsed to the Regional Office of the MoEF&CC at Chandigarh for information and necessary action.
	54	The MoEF&CC may alter/ modify or stipulate any other condition before, during the operations of the mine if it is found to be in the interest of environmental protection.
	55	Concealing of any information/data of submission of wrong/fabricated information by the Project Proponent and failure to comply with any of the above conditions may lead to withdrawal of the EC and attract action under the provisions of EP Act, 1986.
	56	An appeal against the EC shall lie with the Hon'ble NGT, if preferred within 30 days as prescribed under Section 16 of the NGT Act, 2010.

Specific Conditions:-

1	The project proponent shall extract whatever river bed material of Nalla Bajri and sand becomes available within the prescribed mining depth of 0.87 meters or water level whichever is less, strictly within the size of the plot proposed by the project proponent(viz.0.929 Ha)
2	The formal STP shall be granted only after the Project proponent submits a revised Environment Management Plan(EMP) to the JKEIAA, JKEAC and Geology & Mining Dept. duly authenticated by the concerned DFO, Social Forestry Dept., concerned Chief Medical Officer(CMO) and local Panchayat Head and the earmarked funds are transferred to the concerned stake holder departments in advance for utilization under close supervision of the Local Panchayat Head.
3	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.
4	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.
5	The grant of EC does not imply approval of the Govt. required under any other provision of law applicable in the UT of J&K
6	Before granting the STP, the Geology & Mining Department shall certify that no mining lease is in operation within 500 mts upstream and downstream from the plot identified for STP.
7	The EC holder shall obtain an estimate from the concerned DFO, Social Forestry Division for planting 1000 saplings of indigenous species in the nearby wastelands for which the funds required for planting and its maintenance for 2 years shall be transferred to the DFO, Social Forestry concerned in advance prior to grant of formal short Term Permit, for utilization to protect local biodiversity in the area. Accordingly, the PP shall revise the Environment Management Plan in consultation with concerned DFO Social Forestry Dept.
8	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.
9	The project proponent shall take all precautionary measures during mining operations for conservation and protection of endangered fauna and flora in the area.
10	The workers should be provided with PPEs. The plan worked out and expenditure made under Occupational Health should be undertaken in consultation with the Local Health Institution/PHC/Sub-Centre for utilization for the health and welfare of the local workers involved in mining activity and villagers living in the close

	vicinity. Regular Medical checkups and free medicines shall be provided under the fund. The funds earmarked under Occupational Health care shall be transferred to the CMO concerned in advance before grant of STP in favour of the project proponent.
11	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.
12	Provision shall be kept for housing of the labour force, toilets, facilities for cooking, safe water, health care, crèche etc. for the labour force.
13	A final Mine closure Plan along with details of Corpus fund shall be communicated to the MoEF&CC in advance for approval.
14	The top soil in case of surface land mining shall be temporarily stored at an appropriate site and concurrently used for land reclamation.
15	The mining operations shall be undertaken in a systematic manner so that it does not damage the aesthetic view of the area.
16	Adequate steps should be taken to check soil erosion and engineering structures shall be raised near the bank wherever required.
17	Before granting the STP, the District Mineral Officer concerned shall certify that no mining lease is in operation within 500 mts upstream and downstream from the plot identified for STP.
18	Mining shall not be allowed where there is danger to flood protection works and places of cultural, religious and historical significance.
19	The compliance report shall be submitted to the Regional Office of the MoEF&CC at Chandigarh with a copy to the Regulatory Authority.
20	The EC shall be valid for a period of three months from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA, JKPCB and the concerned District Administration.

Agenda Item No: 3 & 5 Grant of Environment Clearance in favour of M/S Konkan Railway Corporation Ltd, Mr. S. D Patil, Dy., Chief Engineer, Geeta Nagar, Trintha, Tehsil-Reasi, District Reasi-182311.

Proposal No: SIA/JK/MIN/147387/2020

File No: SEAC/JK/20/169

Proposal No: SIA/JK/MIN/147807/2020

File No: SEAC/JK/20/171

Title of the Case: Application for Environment Clearance for M/S Konkan Railway Corporation Ltd, Minor Minerals at River Chenab (River Bed Material Deposit) and Extraction of 22201.44 MT, Village Hemna, Tehsil-Reasi District Reasi, J&K.

The project was presented by the authorized consultant Shri Pankaj Panday, Registered Qualified Person (RQP) and Shri S.D Patil, Dy. Chief Engineer, Konkhan Railway Cooperation Ltd., Reasi, Jammu. Worthwhile to mention, the project pertains to grant of Short Term Permit (STP) by the Geology & Mining Department under provisions of Minor Mineral Concession Rules of 2016 read with amendments for extraction of 22201.44 MT of Minor Mineral (River bed material) from river chenab near village Hemna, Reasi District over an area as indicated in the letter of intent required for construction of USBRL Railway Line being executed by M/S Konkhan Railways Cooperation Ltd. The consultant gave a detailed power point presentation and informed the forum that no mining activity has been started at site and there is no mining lease within 500 mts on either side of the designated STP site. Further, he

informed the forum that there is no case pending against the project in any court of competent jurisdiction and no standing orders from any Hon'ble Court against the said STP. The impact of the project on the environmental setting was discussed threadbare in the light of standing notifications and sand mining /enforcement guidelines of 2016 and 2020 respectively issued by Ministry of Environment, Forest and Climate Change (MoEF&CC). During discussion, the Project proponent was asked to revise the Environment Management Plan(EMP) in consultation with local stake holder departments and to earmark adequate funds under planting of saplings, Occupational Health Care for workers and works under Corporate Environment Responsibility(CER) and to transfer the earmarked funds to the concerned stake holder departments for utilization in consultation with the local Panchayat representatives. The copy of revised EMP shall immediately be submitted by the PP to the JKEIAA and JKEAC for record and reference and **formal grant of EC**. The Committee unanimously recommended the case for grant of environmental clearance subject to following standard and specific conditions:-

STANDARD GENERAL CONDITIONS:-

Category	S. No.	Environmental Conditions
Stake holder engagement	1	All the provisions made and restrictions imposed as covered in the Minor Mineral Rules, shall be complied with, particularly regarding Environment Management Practices and its fund management.
	2	The genuine concerns of the local people translated through local Panchayat shall be addressed during the mining operations
	3	The labourers should be from nearby villages
	4	All the orders from Hon'ble Courts of competent jurisdiction and authorities representing various government departments having stakes shall be complied with during the mining operations.
Sustainable Mining Practices	5	The recommendations made in the District Survey Report on sustainable mining practices if any shall be complied
	6	The depth of mining in Riverbed shall not exceed 1 metre or water level whichever is less.
	7	Mining activity shall not be allowed in rainy season
	8	The Geology & Mining Dept. shall study the replenishment of the dugout pits and document it for updating the District survey report
	9	To maintain safety and stability of Riverbanks i.e. 3 meter or 10% of the width of the River whichever is more will be left intact as no mining zone
	10	No stream should be diverted for the purpose of sand mining. No natural water course and/ or water resources are obstructed due to mining operations.
	11	Mining shall be carried by low profile machinery out without adoption of drilling & blasting. The RBM shall be exploited manually with spade, chisel, JCB etc.
Identification and Preparation of Mining Site	12	Mining should be initiated only after installation of signboards with demarcation pillars indicating the geo-coordinates of the plot at each corner to be laid in presence of the authorized official of the Geology & Mining Department
	13	There should be no change in the method of excavation and quantity of minerals to be extracted.

Monitoring the Mining of Mineral and its Transportation	14	The EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This should be produced before officers concerned for inspection
	15	The access to mining site should be controlled in a way that vehicles carrying mineral from that area are tracked and accounted for in accordance with standing guidelines issued by the Govt.
	16	The Geology & Mining Department should use technology like Bar Coding, Information and Communications Technology (ICT), Web based and ICT enabled services, mobile SMS App etc. to account for weight of mineral being taken out of the plot and the number of trucks moving out with the mineral.
Noise Management	17	Noise arising out of mining and processing shall be abated and controlled at source to keep within permissible limit. Measures should be taken to control noise levels below 85 dBA in the work environment. Workers should be provided with ear plugs.
	18	Restricted working hours. Sand mining operation has to be carried out between 6 am to 7 pm.
Air Pollution and Dust Management	19	The EC holder shall take all measures for protection of Environment and control of Pollution.
	20	The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly at loading, unloading and transfer points.
	21	The critical parameters of the Air and water shall be monitored within the impact zone of the Mine area particularly in the nearby habitations. The standing instructions issued from time to time by the Ministry of Environment, Forest & Climate Change (MoEF&CC) and Central Pollution Control Board (CPCB) shall be referred in this regard for compliance.
	22	Air due to dust, exhaust emission or fumes during mining and processing phase should be controlled and kept in permissible limits specified under environmental laws.
	23	The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.
	24	Overloading of trucks and trolleys will be avoided.
	25	Personal protective equipment's will be provided to the workers.
	26	Haul road will be kept wide, compact and water spraying will be done.
Solid waste management	27	Waste generated will be collected on regular basis and will be disposed as per the Municipal Solid Waste Management (Management & Handling) Rule 2000 and its subsequent amendments.
	28	Bins shall have to be provided at site for collection of solid waste.
Bio-Diversity Protection	29	Adequate measures must be taken for the protection of local fauna and flora
	30	Protection of turtle and bird habitats shall be ensured.

	31	No felling of tree near quarry is allowed.
	32	Spring sources should not be affected due to mining activities. Necessary Protection measures are to be incorporated.
Management of Instability and Erosion	33	The PP shall use of oversize material to control erosion and movement of sediments
	34	There shall be no extraction of stone / boulder / sand in landslide prone areas.
	35	There should be controlled clearance of riparian vegetation to be undertaken
	36	The PP should take adequate steps to check soil erosion and control debris flow etc. by constructing engineering structures
	37	No overhangs shall be allowed to be formed due to mining and mining shall not be allowed in area where subsidence of rocks is likely to occur due to steep angle of slope.
Waste Management	38	Site clearance and tidiness is very much needed to have less visual impact of mining.
	39	Dumping of waste shall be done in earmarked places as approved in Mining Plan
	40	Rubbish burial shall not be done in the Rivers.
Enhancement of Road Safety	41	Vehicles used for transportation of sand are to be permitted only with fitness and PUC Certificates
	42	Junction at takeoff point of approach road with main road be properly developed with proper width and geometry required for safe movement of traffic by concession holder at his own cost.
	43	Project Proponent shall ensure that the road may not be damaged due to transportation of the mineral and transport of minerals will be as per IRC relevant guidelines if any in this regard.
	44	No stacking shall be allowed on road side along National Highways.
Health and Safety	45	Health and safety of workers should be taken care of. They should also be provided training in safety and health care aspects.
	46	Adequate facility for drinking water and toilets should be provided for the workers
	47	Transport of mineral will not be done through villages / habitations.
	48	Deep drilled handpump with sufficient funding provision should be earmarked for providing drinking facility to the labour force and accordingly it should be reflected in the revised EMP
	49	Recommendations of National Institute for Labour for ensuring good occupational environment for mine workers would also be adopted.
COVID-19 SOPs	50	The PP shall be responsible for enforcement of COVID-19 standard operating procedures and guidelines with respect to safety of workers involved in the mining activity.
Other mandatory requirements	51	The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.

	52	The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
	53	The Project Proponent shall advertise, within 7 days of the date of issue of the EC, in two local dailies that the project has been granted EC and the copy of EC is uploaded on the MoEF&CC website at parivesh.nic.in. and copy of same should be endorsed to the Regional Office of the MoEF&CC at Chandigarh for information and necessary action.
	54	The MoEF&CC may alter/ modify or stipulate any other condition before, during the operations of the mine if it is found to be in the interest of environmental protection.
	55	Concealing of any information/data of submission of wrong/fabricated information by the Project Proponent and failure to comply with any of the above conditions may lead to withdrawal of the EC and attract action under the provisions of EP Act, 1986.
	56	An appeal against the EC shall lie with the Hon'ble NGT, if preferred within 30 days as prescribed under Section 16 of the NGT Act, 2010.

Specific Conditions:-

1	The project proponent shall extract whatever river bed material becomes available within the prescribed mining depth of 1metre or water level whichever is less, strictly within the size of the plot areas as proposed by the project proponent(viz. 0.841 ha under Hemna-I and 0.8655 Ha under Hemna-II)
2	The formal STP shall be granted only after the Project proponent submits a revised Environment Management Plan(EMP) to the JKEIAA, JKEAC and Geology & Mining Dept. duly authenticated by the concerned DFO, Social Forestry Dept., concerned Chief Medical Officer(CMO) and local Panchayat Head and the earmarked funds are transferred to the concerned stake holder departments in advance for utilization under close supervision of the Local Panchayat Head.
3	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.
4	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.
5	The grant of EC does not imply approval of the Govt. required under any other provision of law applicable in the UT of J&K
6	Before granting the STP, the Geology & Mining Department shall certify that no mining lease is in operation within 500 mts upstream and downstream from the plot identified for STP.
7	The EC holder shall obtain an estimate from the concerned DFO, Social Forestry Division for planting 2000 saplings of indigenous species in the nearby wastelands for which the funds required for planting and its maintenance for 2 years shall be transferred to the DFO, Social Forestry concerned in advance prior to grant of formal short Term Permit, for utilization to protect local biodiversity in the area. Accordingly, the PP shall revise the Environment Management Plan in consultation with concerned DFO Social Forestry Dept.
8	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.
9	The project proponent shall take all precautionary measures during mining operations for conservation and protection of endangered fauna and flora in the area.
10	The workers should be provided with PPEs. The plan worked out and expenditure made under Occupational Health should be undertaken in consultation with the Local Health Institution/PHC/Sub-Centre for utilization for the health and welfare of the local workers involved in mining activity and villagers living in the close vicinity. Regular Medical checkups and free medicines shall be provided under the fund. The funds earmarked under Occupational Health care shall be transferred to the CMO concerned in advance before grant of STP in favour of the project proponent.
11	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.
12	Provision shall be kept for housing of the labour force, toilets, facilities for cooking, safe water, health care, crèche etc. for the labour force.
13	A final Mine closure Plan along with details of Corpus fund shall be communicated to the MoEF&CC in advance for approval.
14	The top soil in case of surface land mining shall be temporarily stored at an appropriate site and concurrently used for land reclamation.
15	The mining operations shall be undertaken in a systematic manner so that it does not damage the aesthetic view of the area.
16	Adequate steps should be taken to check soil erosion and engineering structures shall be raised near the bank wherever required.
16	Before granting the STP, the District Mineral Officer concerned shall certify that no mining lease is in operation within 500 mts upstream and downstream from the plot identified for STP.
18	Mining shall not be allowed where there is danger to flood protection works and places of cultural, religious and historical significance.
19	The compliance report shall be submitted to the Regional Office of the MoEF&CC at Chandigarh with a copy to the Regulatory Authority.
20	The EC shall be valid for a period of one month from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA, JKPCB and the concerned District Administration.

Agenda Item No:4&6

Grant of Environment Clearance in favour of M/S Konkan Railway Corporation Ltd, Mr. S. D Patil, Dy., Chief Engineer, Geeta Nagar, Trinthra, Tehsil-Reais, District Reasi-182311.

Proposal No:

SIA/JK/MIN/147812/2020

File No:

SEAC/JK/20/170

Proposal No:

SIA/JK/MIN/147805/2020

File No:

SEAC/JK/20/172

Title of the Case:

Application for Environment Clearance for M/S M/S Konkan Railway Corporation Ltd, Minor Minerals at River Chenab Nallah Bridge (River Bed Material Deposit) Extraction of 33000 MT, Village Kheral, Tehsil-Reais District Reasi, J&K.

The project was presented by the authorized consultant Shri Pankaj Panday, Registered Qualified Person (RQP) and Shri S.D Patil, Dy. Chief Engineer, Konkhan Railway Cooperation Ltd., Reasi, Jammu. Worthwhile to mention, the project pertains to grant of Short Term Permit (STP) by the Geology & Mining Department under provisions of Minor Mineral Concession Rules of 2016 read with amendments for extraction of 33000 MT of Minor Mineral (River bed material) from Kheral Nallah of river chenab near village Kheral, Reasi District required for construction of USBRL Railway Line being executed by M/S Konkhan Railways Cooperation Ltd. The consultant gave a detailed power point presentation and informed the forum that no mining activity has been started at site and there is no mining lease within 500 mts on either side of the designated STP site. Further, he informed the forum that there is no case pending against the project in any court of competent jurisdiction and no standing orders from any Hon'ble Court against the said STP. The impact of the project on the environmental setting was discussed threadbare in the light of standing notifications and sand mining /enforcement guidelines of 2016 and 2020 respectively issued by Ministry of Environment, Forest and Climate Change(MoEF&CC). During discussion, the Project proponent was asked to revise the Environment Management Plan(EMP) in consultation with local stake holder departments and to earmark adequate funds under planting of saplings, Occupational Health Care for workers and works under Corporate Environment Responsibility(CER) and to transfer the earmarked funds to the concerned stake holder departments in advance for utilization in consultation with the local Panchayat representatives. The copy of revised EMP shall immediately be submitted by the PP to the JKEIAA and JKEAC for record and reference and **formal grant of EC**. The Committee unanimously recommended the case for grant of environmental clearance subject to following standard and specific conditions:-

STANDARD GENERAL CONDITIONS:-

Category	S. No.	Environmental Conditions
Stake holder engagement	1	All the provisions made and restrictions imposed as covered in the Minor Mineral Rules, shall be complied with, particularly regarding Environment Management Practices and its fund management.
	2	The genuine concerns of the local people translated through local Panchayat shall be addressed during the mining operations
	3	The labourers should be from nearby villages
	4	All the orders from Hon'ble Courts of competent jurisdiction and authorities representing various government departments having stakes shall be complied with during the mining operations.
Sustainable Mining Practices	5	The recommendations made in the District Survey Report on sustainable mining practices if any shall be complied
	6	The depth of mining in Riverbed shall not exceed 1 metre or water level whichever is less.
	7	Mining activity shall not be allowed in rainy season
	8	The Geology & Mining Dept. shall study the replenishment of the dugout pits and document it for updating the District survey report
	9	To maintain safety and stability of Riverbanks i.e. 3 meter or 10% of the width of the River whichever is more will be left intact as no mining zone

	10	No stream should be diverted for the purpose of sand mining. No natural water course and/ or water resources are obstructed due to mining operations.
	11	Mining shall be carried by low profile machinery out without adoption of drilling & blasting. The RBM shall be exploited manually with spade, chisel, JCB etc.
Identification and Preparation of Mining Site	12	Mining should be initiated only after installation of signboards with demarcation pillars indicating the geo-coordinates of the plot at each corner to be laid in presence of the authorized official of the Geology & Mining Department
	13	There should be no change in the method of excavation and quantity of minerals to be extracted.
Monitoring the Mining of Mineral and its Transportation	14	The EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This should be produced before officers concerned for inspection
	15	The access to mining site should be controlled in a way that vehicles carrying mineral from that area are tracked and accounted for in accordance with standing guidelines issued by the Govt.
	16	The Geology & Mining Department should use technology like Bar Coding, Information and Communications Technology (ICT), Web based and ICT enabled services, mobile SMS App etc. to account for weight of mineral being taken out of the plot and the number of trucks moving out with the mineral.
Noise Management	17	Noise arising out of mining and processing shall be abated and controlled at source to keep within permissible limit. Measures should be taken to control noise levels below 85 dBA in the work environment. Workers should be provided with ear plugs.
	18	Restricted working hours. Sand mining operation has to be carried out between 6 am to 7 pm.
Air Pollution and Dust Management	19	The EC holder shall take all measures for protection of Environment and control of Pollution.
	20	The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly at loading, unloading and transfer points.
	21	The critical parameters of the Air and water shall be monitored within the impact zone of the Mine area particularly in the nearby habitations. The standing instructions issued from time to time by the Ministry of Environment, Forest & Climate Change (MoEF&CC) and Central Pollution Control Board (CPCB) shall be referred in this regard for compliance.
	22	Air due to dust, exhaust emission or fumes during mining and processing phase should be controlled and kept in permissible limits specified under environmental laws.
	23	The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.
	24	Overloading of trucks and trolleys will be avoided.

	25	Personal protective equipment's will be provided to the workers.
	26	Haul road will be kept wide, compact and water spraying will be done.
Solid waste management	27	Waste generated will be collected on regular basis and will be disposed as per the Municipal Solid Waste Management (Management & Handling) Rule 2000 and its subsequent amendments.
	28	Bins shall have to be provided at site for collection of solid waste.
Bio-Diversity Protection	29	Adequate measures must be taken for the protection of local fauna and flora
	30	Protection of turtle and bird habitats shall be ensured.
	31	No felling of tree near quarry is allowed.
	32	Spring sources should not be affected due to mining activities. Necessary Protection measures are to be incorporated.
Management of Instability and Erosion	33	The PP shall use of oversize material to control erosion and movement of sediments
	34	There shall be no extraction of stone / boulder / sand in landslide prone areas.
	35	There should be controlled clearance of riparian vegetation to be undertaken
	36	The PP should take adequate steps to check soil erosion and control debris flow etc. by constructing engineering structures
	37	No overhangs shall be allowed to be formed due to mining and mining shall not be allowed in area where subsidence of rocks is likely to occur due to steep angle of slope.
Waste Management	38	Site clearance and tidiness is very much needed to have less visual impact of mining.
	39	Dumping of waste shall be done in earmarked places as approved in Mining Plan
	40	Rubbish burial shall not be done in the Rivers.
Enhancement of Road Safety	41	Vehicles used for transportation of sand are to be permitted only with fitness and PUC Certificates
	42	Junction at takeoff point of approach road with main road be properly developed with proper width and geometry required for safe movement of traffic by concession holder at his own cost.
	43	Project Proponent shall ensure that the road may not be damaged due to transportation of the mineral and transport of minerals will be as per IRC relevant guidelines if any in this regard.
	44	No stacking shall be allowed on road side along National Highways.
Health and Safety	45	Health and safety of workers should be taken care of. They should also be provided training in safety and health care aspects.
	46	Adequate facility for drinking water and toilets should be provided for the workers

	47	Transport of mineral will not be done through villages / habitations.
	48	Deep drilled handpump with sufficient funding provision should be earmarked for providing drinking facility to the labour force and accordingly it should be reflected in the revised EMP
	49	Recommendations of National Institute for Labour for ensuring good occupational environment for mine workers would also be adopted.
COVID-19 SOPs	50	The PP shall be responsible for enforcement of COVID-19 standard operating procedures and guidelines with respect to safety of workers involved in the mining activity.
Other mandatory requirements	51	The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
	52	The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
	53	The Project Proponent shall advertise, within 7 days of the date of issue of the EC, in two local dailies that the project has been granted EC and the copy of EC is uploaded on the MoEF&CC website at parivesh.nic.in. and copy of same should be endorsed to the Regional Office of the MoEF&CC at Chandigarh for information and necessary action.
	54	The MoEF&CC may alter/ modify or stipulate any other condition before, during the operations of the mine if it is found to be in the interest of environmental protection.
	55	Concealing of any information/data of submission of wrong/fabricated information by the Project Proponent and failure to comply with any of the above conditions may lead to withdrawal of the EC and attract action under the provisions of EP Act, 1986.
	56	An appeal against the EC shall lie with the Hon'ble NGT, if preferred within 30 days as prescribed under Section 16 of the NGT Act, 2010.

Specific Conditions:-

1	The project proponent shall extract whatever river bed material becomes available within the prescribed mining depth of 1 metre or water level whichever is less, strictly within the size of the plot areas as proposed by the project proponent(viz.0.721 Ha under Kheral-I and 0.66 Ha under Kheral-II)
2	The formal STP shall be granted only after the Project proponent submits a revised Environment Management Plan(EMP) to the JKEIAA, JKEAC and Geology & Mining Dept. duly authenticated by the concerned DFO, Social Forestry Dept., concerned Chief Medical Officer(CMO) and local Panchayat Head and the earmarked funds are transferred to the concerned stake holder departments in advance for utilization under close supervision of the Local Panchayat Head.
3	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.
4	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.

5	The grant of EC does not imply approval of the Govt. required under any other provision of law applicable in the UT of J&K
6	Before granting the STP, the Geology & Mining Department shall certify that no mining lease is in operation within 500 mts upstream and downstream from the plot identified for STP.
7	The EC holder shall obtain an estimate from the concerned DFO, Social Forestry Division for planting 2000 saplings of indigenous species in the nearby wastelands for which the funds required for planting and its maintenance for 2 years shall be transferred to the DFO, Social Forestry concerned in advance prior to grant of formal short Term Permit, for utilization to protect local biodiversity in the area. Accordingly, the PP shall revise the Environment Management Plan in consultation with concerned DFO Social Forestry Dept.
8	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.
9	The project proponent shall take all precautionary measures during mining operations for conservation and protection of endangered fauna and flora in the area.
10	The workers should be provided with PPEs. The plan worked out and expenditure made under Occupational Health should be undertaken in consultation with the Local Health Institution/PHC/Sub-Centre for utilization for the health and welfare of the local workers involved in mining activity and villagers living in the close vicinity. Regular Medical checkups and free medicines shall be provided under the fund. The funds earmarked under Occupational Health care shall be transferred to the CMO concerned in advance before grant of STP in favour of the project proponent.
11	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.
12	Provision shall be kept for housing of the labour force, toilets, facilities for cooking, safe water, health care, crèche etc. for the labour force.
13	A final Mine closure Plan along with details of Corpus fund shall be communicated to the MoEF&CC in advance for approval.
14	The top soil in case of surface land mining shall be temporarily stored at an appropriate site and concurrently used for land reclamation.
15	The mining operations shall be undertaken in a systematic manner so that it does not damage the aesthetic view of the area.
16	Adequate steps should be taken to check soil erosion and engineering structures shall be raised near the bank wherever required.
17	Before granting the STP, the District Mineral Officer concerned shall certify that no mining lease is in operation within 500 mts upstream and downstream from the plot identified for STP.
18	Mining shall not be allowed where there is danger to flood protection works and places of cultural, religious and historical significance.
19	The compliance report shall be submitted to the Regional Office of the MoEF&CC at Chandigarh with a copy to the Regulatory Authority.
20	The EC shall be valid for a period of one months from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA, JKPCB and the concerned District Administration.

Agenda Item No. 7 To discuss the compliance of serial No. vii and serial No. xiv of the re-verification report of the compliance of conditions of existing EC for enabling the Project proponent to obtain formal ToR from the JKEIA.

Proposal No. No: SIA/JK/Ind2/28826/2018

File No: SEAC/2018/64 File No.

Title of the case: Grant of ToR for Expansion of API Manufacturing Industrial unit by M/S Ind-Swift Laboratories Ltd. at SIDCO Industrial Growth Centre Phase-I, Tehsil, Samba, District, Jammu, J&K

The case was presented by the consultant Ms Simran Kour from Eco Laboratories & Consultants Pvt. Ltd, Mohali, Chandigarh and the project proponents. The discussion focussed on the two points under serial No. vii and xiv of the re-verification report of the MoEF&CC with respect to compliance of conditions of the existing EC. On serial No. serial vii of the re-verification report, Dr. Yashpaul Sharma, Scientist from the JKPCB, special invitee asked the consultant to submit the details of products in which substitutes of benzene are used as solvent for minimizing impact on the environment. The PP and the consultant agreed to submit the details in a tabular form indicating the drugs manufactured and the solvents being used in each case. The consultant informed the forum that the no liquid wastes are allowed to move out of the campus and the wastes waters are recycled and used for greening the campus. The consultant was asked to submit an undertaking to the effect that no Benzene or any other harmful solvent is being used in the manufacture of the drugs. The Consultant also agreed to submit the Batch Manufacturing Record (BMR) of the drugs being manufactured over the last 3 years for record and reference.

Regarding the serial No. xiv of the re-verification report on compliance w.r t Green belt development, the consultant presented representative photographs of the campus of the drug manufacturing plant and the committee expressed its satisfaction with the level of plantations raised by the project proponent.

Accordingly, the JKEAC recommended grant of ToRs in favour of the Project proponent subject to the condition that the consultant submits details of solvents used in manufacturing each of the existing products / drugs with Batch Manufacturing Record(BMR) and an undertaking to the effect that Benzene and any other harmful solvent is not being used in the manufacturing of any existing drug products not will such harmful solvents be used in future.

Lastly, the Committee confirmed the minutes of the 5th meeting and the Secretary concluded the online session with thanks to the esteemed chair and the other respected members.

Sd/=
Secretary,
SEAC

Copy submitted to 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 and necessary action please.

Copy by email to:-

1. Sh. S. C Sharma, Chairman, J&K Expert Appraisal Committee, (JKEAC) 331 Shastri Nagar, Jammu-180004 for favour of kind information.
2. Sh. M.A TAK, Member, J&K Expert Appraisal Committee, (JKEAC) 124 Mominabad (Near Jakfed), Anantnag Kashmir,-192101 for favour of kind information.
3. Sh. Braj Bhushan Sharma, Member, J&K Expert Appraisal Committee, (JKEAC) 278/2 Channi Himmat, Jammu for favour of kind information.
4. Professor Shakeel Ahmad Romshoo, Member, J&K Expert Appraisal Committee, (JKEAC) Department of Earth Sciences Kashmir University Srinagar-190006 for favour of kind information.
5. 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.
6. Professor Arvind Jasrotia Member, J&K Expert Appraisal Committee, (JKEAC) 33/D Sainik Colony Jammu-180011 for favour of kind information.
7. 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.
8. Sh. Irfan Yasin, Member, J&K Expert Appraisal Committee, (JKEAC) Bagh-e-Hyderpora, Bypass, Srinagar for favour of kind information.
9. Professor M. A. Khan, Member, J&K Expert Appraisal Committee, (JKEAC) GPO Post Box No: 726, Srinagar-190001 for favour of kind information.
10. Dr.Falendra Kumar Sudan, Member, J&K Expert Appraisal Committee, (JKEAC) Professor Department of Economics University of Jammu, Jammu for favour of kind information.
11. 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.
12. Sh. Anil Saproo, PA to PCCF/Director, DEERS, for information and with the request to upload the minutes of meeting on the Departmental web site.
13. Sh. Sheikh Sajid, PA for information and with the direction to upload the minutes of the Meeting on the parivesh.gov.in.
14. Concerned Files.