

602वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक दिनांक 03 नवम्बर 2022

राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण, भोपाल से पर्यावरणीय स्वीकृति हेतु प्राप्त परियोजनाओं के तकनीकी परीक्षण हेतु राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (एसईएसी) की 602वीं बैठक दिनांक 03/11/2022 को डॉ. पी.सी. दुबे की अध्यक्षता में आयोजित की गई, जिसमें समिति के निम्नलिखित सदस्य स्वयं/वीडियो कॉन्फ्रेंसिंग के माध्यम से उपस्थित रहें :-

1. श्री राघवेन्द्र श्रीवास्तव, सदस्य ।
2. प्रो. (डॉ.) रुबीना चौधरी, सदस्य ।
3. डॉ. ए.के. शर्मा, सदस्य ।
4. प्रो. अनिल प्रकाश, सदस्य ।
5. प्रो. (डॉ.) आलोक मित्तल, सदस्य ।
6. डॉ. जय प्रकाश शुक्ला, सदस्य ।
7. डॉ. रवि बिहारी श्रीवास्तव, सदस्य ।
8. श्री ए.ए. मिश्रा, सदस्य सचिव ।

सभी सदस्यों द्वारा अध्यक्ष महोदय के स्वागत के साथ बैठक प्रारंभ करते हुए बैठक के निर्धारित एजेण्डा अनुसार पर्यावरणीय स्वीकृति हेतु प्राप्त प्रोजेक्ट्सों का तकनीकी परीक्षण निम्नानुसार किया गया :-

1. **Case No 9166/2022 Shri Shankar Manchani, Napier Town, 88, Infront of Goodwill Complex, Dist. Jabalpur, MP - 482001 Prior Environment Clearance for Construction of "Muskan Park" (Hotel & Residential Building of House Corporation) [Total Project Area = 7544.14 sqm (0.75 ha.), Built-up Area = 34145.10 sqm] at Plot No. 7/2, 7/2-K, Napier Town, Tehsil & Dist. Jabalpur, (MP) (Cat. 8(a) Building and Construction Project) Env. Global Management and Engineering Consultant International, Jaipur (Raj.)**

This is case of Prior Prior Environment Clearance for Construction of "Muskan Park" (Hotel & Residential Building of House Corporation) [Total Project Area = 7544.14 sqm (0.75 ha.), Built-up Area = 34145.10 sqm] at Plot No. 7/2, 7/2-K, Napier Town, Tehsil & Dist. Jabalpur, (MP).

Earlier this case was scheduled in the SEAC 574th meeting dated 29-05-22 wherein ToR (Violation) was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Environmental Consultant Shri G.K. Mishra, from M/s. Global Management and Engineering Consultants International, Jaipur, (Rajasthan) and PP Shri Shankar Lal Manchani. During presentation it was observed that as per Google image that PP has started constructed at site without prior Environment Clearance and therefore its a violation of Environment Protection Act, 1986. PP submitted that they have applied under violation category. PP submitted following salient features of the project

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PP submitted that 13.18% construction work has been completed till date owing to unawareness of the EIA Notification and its amendments and falls under the purview of the EIA Gazette Notification dated 08.03.2018, amending the Notification dated 14th March 2017. PP has submitted following Damage Assessment & Remediation plan:

Damage Assessment Plan:

Project Description	Proposed estimated		Damage Assessment	Management plan
Soil	Total Land area – 7544.14 sqm Total Excavated material - 18,105.92 cum (8 m max. depth) Top Soil – 2,263.24 cum (1 m depth) Excavated material – 15842.68 cum (7 m Depth)		Till dated ground coverage area - 569 sqm Total excavated material – 4552 cum (8 m max. depth) Top soil – 569 cum (1 m depth) Excavated material – 3983 cum (7 m depth)	1. Total 569 cum top soil will be 100% utilized for plantation (Landscape area – 756.44 sqm) 2. Rest of material will be used for backfilling of entire project
Water harvesting	Pre - Total land area excluding exiting house – 7044.14 sqm - Recharge potential – 15.84 cum/hr	Post - Ground Coverage – 2263.24 sqm - Recharge potential – 58.986 cum/hr	Pre stage construction recharge potential was 15.84 cum Post stage recharge potential will be 58.986 cum Now, systematic recharge potential will be increase upto 43.146 cum/hr Till date ground coverage of area 569 sqm has been covered accordingly drainage and pits has been implemented for the constructed area	For systematic recharge we have proposed 2 no. of RWH pits with capacity of 28.26 cum each it will be designed as per the CGWA norms.
Water body	At present project area falls under the residential/commercial zone. No water body/natural drain is passing through the		No water Body	All storm water drainage water system will be

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	proposed project site			developed to maintain the natural recharge
Landscaping	Pre Total land area excluding exiting house – 7044.14 Earlier some bushes and thorny plants at site including 4 no. of Bargad, Pipal, mango (on Periphery) and almond Trees (with in project site)	Post At the time of implementation of the project all bushes and thorny plants has been cleared on site existing four no. of trees will be preserved and in our project we were proposed 76 big trees like Neem, mango, Ashok, Guava etc. and 200 ornamental plants	For the clearance of the site we have cleared all the bushes and thorny plants accordingly for the better landscaping and aesthetic beauty of the project we are developing dedicated 756.44 sqm area and be additional peripheral plantation No Big tree cutting Proposed	Total 76 big trees like Neem, mango, Ashok, Guava etc. and 200 ornamental plants will be planted on site All 4 no. existing tree will be preserved

Remediation Plan:

S. No	Environmental Factors/ Attributes	Remedial Plan/ Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital	Recurring		Capital	Recurring (Annual)	
1.	Land use as per Approved Master Plan by TNCP, JABALPUR	Broken land is as per master plan approved by T&CP (enclosed land use area breakup & Undertaking as Annexure – I & II) NO VIOLATION	-	-	Project Cost Capital Cost Land cost	OWN LAND	--	T & CP Letter No. 762/TE MPJBL LP2185/ नगानि /16/B/05 /21.01.2 016 dated 28/04/20 16
2	Environmental Sensitive Places, Land Acquisition Status, Resettlement & rehabilitation	Land is in possession of Company enclosed land revenue record No R & R Applicable NO VIOLATION	-	-	Land is in possession of. All land records is enclosed with our EC Application.	-	-	
3	Baseline Environmental Quality (June 2019- June21)	All the parameters are in the comfort zone in one season EIA study Monitoring data from June 2019-22 is pending @ 15000/ year * 3 Years (2 Air, 2 Noise, 1 water)	--	45,000 (amount may be proposed for additional plantation or as per the suggestions of SEAC/	-	-	15000	We have done EIA study. All baseline data results are found satisfact

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S. No	Environmental Factors/ Attributes	Remedial Plan/ Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital	Recurring		Capital	Recurring (Annual)	
				SEIAA)				ory
4	A) Land	Total land area 7544.14 sq.mt. & Built Up Area – 34145.10 Sq.mt. Topsoil = 298.295 Cu.m. (1 m depth) (13.18 % of total ground coverage has been excavated till now as 13.18 % of construction has been done. Total quantity of topsoil has been used for Mulching & Podium Development 30% of excavated soil used for Land Fill And Rest of Excavated Soil Used for Lawn Development, & landscaping area.	-	-	Land is in possession of Signature Builders & Colonizers under joint registered joint venture. All land records are enclosed with our EC Application.	-	-	No Violation
	B) Ground Water	No new ground bore well is done for construction purpose.	--	--	Not applicable, till date no bore well for ground water tapping is proposed.	--	--	NO VIOLATION
	C) Surface water	Not applicable, No Water body exist within the project lease area	--	--	Not applicable	--	--	NO VIOLATION
	D) Air	Water sprinkling had been done as per terms & condition of the work order agreements (2 water tankers/ day)	--	--	Construction period = 2 years, Working Day = 600 day Per day water requirement = 10 KLD (2 Tanker @ 100/ tanker water cost)	--	1,20,000	In House Arrangement
	E) Biodiversity	NOT APPLICABLE	--	--	NOT APPLICABLE	---	--	We have not created any change in the biodiversity of the area.
	f) Noise & Vibration	Site is fully barricaded NOT APPLICABLE			All new machinery has been used on site. Construction	--		

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			Capital	Recurring		Capital	Recurring (Annual)	
					work proposed only for day time therefor there is no noise disturbance at night.			
	g) Socio economy & Health	-	-	-	-	-		Done in EIA study
	g.a. Occupational Health check-up for 35 Workers	Initial Medical Examination (IME) for 35 workers Deployed on site (35 X 1000 X 5)	--	1,75,000 (amount may be proposed for additional plantation or as per the suggestions of SEAC/ SEIAA)	Initial Medical Examination (IME) for 35 workers deployed on Site. (1000 Rs/workers) for a year.	-	25,000	Total Calculated value for occupational health and check-up, PPE's and Worker's Shelter have been covered under remedial cost
	g.b. Personal Protection Equipment's	All PPE's distrusting to the labourer and staffs are under contractor's scope. 35X1200)		42,000 (amount may be proposed for additional plantation or as per the suggestions of SEAC/ SEIAA)	Helmet, Jackets, hand gloves & Boots will be Provide to 35 Workers for remaining 40% construction work.	30,000	5,000	
	g.c. Shelter and Sanitation for 35 workers	Temporary shelter & Mobile toilet has been provided to the workers	--	--	Provision of Temporary shelter & Mobile toilet will be extended in numbers during the time of construction for 35 workers	20,000	-	
5	Contour Plan With slopes, Drainages pattern of the site and surrounding area any obstruction of the same by the projects.	No conversion is done in storm water drainage pattern on site	-	-	--	-	-	No Violation
6	Tree Felling	--	-	-	No tree felling is proposed.			No tree felling is proposed.

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7	Tree plantation	Total 76 trees planted & development of landscaping area (76 trees @Rs. 500+landscaping development)	-	-	All type of landscaping development& maintenance including tree cost	10,00,000	1,90,000	All remedial cost will be utilized for left over plantation & further development of additional landscaping.
8	Permission for forest Land	NOT APPLICABLE	-	-	NOT APPLICABLE	-	-	No forest area is involved in this project.
9	Environment policy	Policy is part of Terms & Condition of mutual Agreement	-	-	-	-	-	Policy is part of Terms & Condition of mutual Agreement.
10	Ground Water Classification	At construction phase no ground water has been used.	-	-	At construction phase no ground water has been used,	--	--	No violation
11	Source of Water	A – Construction Phase	--	--	--	--	--	During Construction phase we have used Water Tanker of Rs. 1, 65,000/-.
		B – Operational Phase	--	--	--	--	--	Water supply permission vide Provisional Bulk Connection letter no. 108/W

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								WD/ ZONE 19/2015 dated 30/06/2015.
12	Source of Waste Water Treatment	100 KLD STP installed.	--	--	100 KLD STP (installed) – Rs.10, 00,000 for civil construction (Labour & Material Cost) 6, 00,000.00 for mechanical installations.	40,00,000	4,00,000	
13	Dual Plumbing	Dual Plumbing for 13.18% of constructed area has been completed.	--	--	Dual Plumbing for 13.18% of constructed area has been completed.	3,50,000		
14	Rain Water Harvesting	02 No. Rain water harvesting pit has been constructed for the project.	--	--	Total 2 nos. of pits are proposed on site for operational phase	3,90,000	90,000	--
15	Soil Characteristics & Ground Water Table Top Soil Conservation	Total land area 7544.14 sq.mt. & Built Up Area – 34145.10 Sq.mt. Topsoil = 298.295 Cu.m. (1 m depth) (13.18 % of total ground coverage has been excavated till now as 13.18 % of construction has been done. Total quantity of topsoil has been used for Mulching & Podium Development 30% of excavated soil used for Land Fill And Rest of Excavated Soil Used for Lawn Development, & landscaping area.	--	--	8m depth of rain water harvesting pits have been proposed, Quality of top soil & costing of its disposal	--	As per above	NO VIOLATION
16	Solid Waste Generation Treatment	All the construction waste has been reused for the filling of the low-lying project area.	50,000	--	Solid Waste will be reused in proposed boundary wall & stone pitching to reduce RCC work on site	00	00	MSW NOC is attached with hard copy reply. Vide letter
		Permission for Disposal of Solid waste from	--	--	Street garbage shall be	--	50,000	

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			Capital	Recurring		Capital	Recurring (Annual)	
		BMC obtained from 2014			controlled segregated transferred and disposed-off by Nagar Nigam JABALPUR			no. SWA.V. /16/1117 dated 26/12/2014
17	Energy conservation & Energy Efficiency (LED bulb & Solar System)	Solar light proposed 10 KW	5,00,000	--	Provisional of the solar panels for streets lighting & common areas and LED light for commercial unit	--	30,000	We have proposed Solar Power of 10 KW.
18	D G Sets	Till date RMC has been used for construction.	-	-	-	--	--	We have not used DG set in our construction phase.
19	Parking & Roads	Approach road already exists sufficient space excises for Parking	-	-	Development of Open Parking& Other Services	20,00,000	--	All adequate parking facilities have been provided as per T&CP norms.
20	Transportation of materials for construction	Till date on 13.18% construction have been done.	--	1,00,000 (amount may be proposed for additional plantation or as per the suggestions of SEAC/ SEIAA)	Storage hall/service yard will be for materials stacking during further 86.82 % construction.	--	--	Some miscellaneous transportation work had not been done in appropriate manner. We are proposing some rounded amount in our remediation cost.
21	Disaster Management	-	-	-	Centralized control room	--	--	--

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			Capital	Recurring		Capital	Recurring (Annual)	
	Plan				with ERP system			
a.	Fire	Machines were equipped with their fire extinguishing equipment. Till date on 13.18% construction have been done	3,35,000 (amount may be proposed for fire machinery installation)		Fire fighting organizing and arrangement: External fire hydrant system, hose pipes, pumps with control panel, overhead tanks, first aid, fire extinguishers, sand buckets, Manual and automatic fire alarm, main security room etc.	50,00,000	2,00,000	All fire & safety facilities have been provided for the 60% constructed area.
b.	Accidental & First aid etc.	First aid kit & room provided on site, enclosed photos No accident or injury is reported during the earlier construction period.	50,000	5,000	First aid kit for worker's safety on site			
c.	Safety	All loading machines, dumpers & Equipment will be deployed as per safety norms mentioned in Agreement.	1,00,000	-	All loading machines, dumpers & Equipment will be deployed as per safety norms mentioned in Agreement.			
Total			10,35,000/-	3,67,000	-	1,04,60,000	8,50,000	-
Total Capital cost for Remedial Plan			Say in Lacs	10.35	Total capital cost for EMP	Say in Lacs	104.60	
Total recurring cost for Remedial Plan			Say in Lacs	3.67	Total Recurring Cost for EMP	Say in Lacs	8.50	
Total Remedial Cost			Say in Lacs	14.02				

After presentation and discussions, Committee found the EIA/EMP satisfactory and acceptable and recommends that PP shall deposit the bank guarantee with three years validity of Rs. 14.02 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA as per the procedure laid down in the MoEF&CC Notification dated 08/03/2018.

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Further, this being a violation case for which Ministry of Environment Forests & Climate Change vide its OM dated 28/01/2022, has reinstated the Standard Operating Process (SOP) dated 15/07/2021 as per the order dated 09/12/2021 of Hon'ble Supreme Court of India to deal with the violation cases. Penalty provisions as per para 12 (i) of the notification will be applicable i.e. 1% of the total project cost incurred upto date. PP has submitted that cost incurred till date is 13.62 Crores (land cost 10.72 Cr as per the cost mentioned in the registry in the year 2014 appended as Annexure-15 and construction cost til date is 02.90 Cr). As the operation has not started the penalty provision works out to be Rs. 13.65 lakh. PP further submitted that as per clause 12.2 of OM dated 07/07/21 the percentage rates shall be halved since they have suo-moto reported this violation and thus penalty of Rs. 06.825 shall be levied on them. Committee discussed on this issue and recommends that the provision claimed by PP as per the OM dated 07/07/21 may be considered subject to the approval of SEIAA.

The EIA/EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Environment Clearance for Construction of "Muskan Park" (Hotel & Residential Building of House Corporation) [Total Project Area = 7544.14 sqm (0.75 ha.), Built-up Area = 34145.10 sqm] at Plot No. 7/2, 7/2-K, Napier Town, Tehsil & Dist. Jabalpur, (MP) (Cat. 8(a) Building and Construction Project). subject to deposit bank guarantee of Rs. 14.02 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA, Penalty @ 1% or @ 0.5% of the total project cost incurred upto the date of filling of application i.e Rs. 13.65 lakh or Rs. 06.825 as per clause 12 a.i. of MoEF&CC Notification dated 08/03/2018 and OM dated 07/07/21 as decided by SEIAA and proof of credible action under section 15 read with section 19 of the Environmental (Protection) Act,1986 as per clause 11, step 2 of MoEF&CC OM dated 07/07/21 with following conditions:

I. Statutory compliance:

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project (if any).
- ii. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee
- iii. NOC shall be obtained from National Commission of Seismic Design Parameters (NCSDS) of CWC (if applicable).
- iv. Necessary approval of CEA shall be obtained for those projects having the

project cost more than Rs. 1,000 crore (if applicable).

II. Air quality monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF& CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. 02 Diesel power generating sets (DG Sets) as 1 X 125+1 X 65 KVA=190 KVA are proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The diesel generator sets to be used during construction phase shall be low

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- sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emission from 02 Diesel power generating sets (DG Sets) as 1 X 125+1 X 65 KVA= 190 KVA shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
 - xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible Minimum cutting and filling should be done.
- iii. The total water requirement during construction phase is 8.25 KLD details are as given below:

S.No.	particulars	Water Requirement (KLD)	Wastewater Generation (KLD)	
			Quantity (KLD)	Remarks
1.	Domestic Water for Workers (50@45lpcd)	2.25 KLD	1.9125 KLD	85% Wastewater will be deposited into septic tanks
2.	Dust Suppression	2 KLD	1.6 KLD	Losses 20% loss on washing: rest will be collected and reused for curing after necessary treatment
3.	Washing of construction Equipment	2 KLD	2 KLD	-
4.	Curing	2KLD	2 KLD	Losses
Total		8.25 KLD	7.5125 KLD	-

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- iv. The total water requirement during operation phase is as 97.799 KLD details are as follows :

S. No.	Description	Total Occupancy	Rate of Water Demand (lpcd)	Total Water Requirement (KLD)
1.	Residential + EWS + LIG	399	135	53.86
2.	Shops	12	45	0.54
3.	Office	60	30	1.8
4.	Staff	51	30	1.53
5.	Hotel	160	180	28.8
6.	Visitors	600	15	9
7.	Landscape	756.4	3l/Sqm	2.269
Total Water Requirement				97.799 KLD

- v. The quantity of fresh water usage, water recycling and rainwater harvesting shall be to monitor to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- vi. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vii. At least 20% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.
- viii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- ix. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.

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- x. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- xi. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xii. The local bye-law construction on rain water harvesting should be followed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xiii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fires water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiv. For rainwater harvesting, 02 recharge pits will be constructed for harvesting rain water. The total recharge capacity of these pits about 28m³/hr . Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xv. All recharge should be limited to shallow aquifer.
- xvi. No ground water shall be used during construction phase of the project.
- xvii. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xviii. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring report.
- xix. Total wastewater generated in construction Phase is 7.51 KLD & wastewater generated in operation phase will be 92.12 KLD which will be treated in the STP of 100 KLD (MBBR based technology). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
- xx. The waste water generated from the project shall be treated in STP of 100 KLD capacity and then reused for various purposes. No water body or

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- drainage channels are getting affected in the study area because of this project.
- xxi. No sewage or untreated effluent water would be discharged through storm water drains.
 - xxii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
 - xxiii. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i. All the equipment likely to generate high noise shall be appropriately enclosed or inbuilt noise enclosures be provided so as to meet the ambient noise standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000, as amended in 2010 under the Environment Protection Act (EPA), 1986.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time .

V. Energy Conservation measures.

- i. 10 KW on grid Solar Plant will be installed. This will used to give electricity backup to Solar Street light.(20 Street lights of 100 watt each will be installed comprising of total 2 KW of Solar Power & 8 KW solar panel will be used on roof top which contains 8X1 KW Solar Panel).
- ii. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- iii. Outdoor and common area lighting shall be LED.
- iv. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

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VI. Waste Management

- i. Total waste generation is 328 kg/day as per following category and these all type of waste shall be treated/ disposed off as per provision made in the MSW Rules 2016.

S. No.	Category	Kg per capita per day	Waste generated (kg/day)
1.	Residential	399 @ 0.45 kg/day	179.55
2.	Staff	51 @ 0.25 kg / day	12.75
3.	Hotel	160 @ 0.22 kg /day	35.2
4.	Visitors	600 @ 0.15 kg/day	90
5.	Office + Shops	72 @ 0.15 kg/day	10.8
4	Landscape waste (756.44 m ²)	0.1869 @ 0.2 kg/acres	0.03738
Total Solid Waste Generated			328.3 kg/day Say 328 kg/day

- ii. Any additional muck generated from remaining activities, will be disposed off at nearby villages with due consent of local administration/gram panchayat. As the pipeline passes along the villages, villages will fall within 1-5 Km along the route of pipeline.
- iii. Solid waste management should be planned in details. Land filling of plastic waste shall be avoided and instead be used for various purposes as envisaged in the EIA/EMP reports. Efforts be made to avoid one time use of plastics.

VII. Green Cover

- i. Total 76 trees planted & development of landscaping area (approx. 756.44 Sqm). All 76 trees will be planted on the periphery and the MOS of the project. No tree shall be felled/transplant.
- ii. The landscape planning should included plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover such as Pipal, ficus, Kadamb, Putranjeeva etc are desirable. Water intensive and/or invasive species should not be used for landscaping.
- iii. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stack plied appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

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- iv. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.

VIII. Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
- a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. Total proposed Parking's arrangement for 314 ECS (in which 119 ECS for Lower Basement Floor, 80 ECS for Upper Basement Floor, 43 nos. for Podium – 1 Parking reside block - C, 43 nos. for Podium – 2 Parking reside block - C and 29 ECS for casual parking). Details are as given below:

B/U Area of Lower Basement Floor	4169.00 SQ.M.
4169 / 35 Sq.M. = 119.11 Say	119 Nos.
B/U Area of Upper Basement Floor	2415.00 SQ.M.
2415 / 35 Sq.M. = 80.5 Say	80 Nos.
Podium – 1 Parking reside block - C	1278.00 SQ.M.
1278.00 / 30 Sq.M. = 42.50 Say	43 Nos.
Podium – 2 Parking for reside block - C	1278.00 SQ.M.
1278.00 / 30 Sq.M. = 42.50 Say	43 Nos.
Casual Parking	400.00 SQ.M.
400 / 13.75 Sq.M. = 29.09 Say	29 Nos.
Total Car Parking Provided (119+80+43+43+29)	314 Nos.

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- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile, STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.
- vii. Rest Room, Drinking Water and Toilets Facilities shall be provided for floating servants/workers in the common areas of the project.

X. EMP & CER

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should

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prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.

- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. For EMP, PP has proposed capital cost as Rs. 104.60 Lakh and 8.50 Lakhs as recurring cost for this project and PP Shri Shankar Manchani, Napier Town, 88, Infront of Goodwill Complex, Dist. Jabalpur, MP - 48200 has proposed to submit a bank guarantee with three years validity of Rs. 14.02 lakh towards Remediation Plan. In addition, expenditure already incurred on implementation of EMP is Rs. 3.0 lacs.
- vi. For this project, PP has proposed Rs 05.00 Lakh as Corporate Environment Responsibility for Kanha National Park buffer area development and staff welfare which shall be carried out in the first year of commencement of the project.

XI. Miscellaneous

- i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.
- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during

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- Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC)
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
 - iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

2. Case No 9350/2022 Shri Raghuveer Singh Ranawat, 300, Jawahar Marg, Gali No. 01, Nagda, Dist. Ujjain, MP - 456001, Prior Environment Clearance for Stone Quarry in an area of 1.34 ha. (20000 Cum per annum) (Khasra No. 283), Village - Jhirmira, Tehsil - Khacharod, Dist. Ujjain (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 283), Village - Jhirmira, Tehsil - Khacharod, Dist. Ujjain (MP) 1.34 Ha. The project requires prior EC before commencement of any activity at site.

प्रकरण आज सेक की 600वीं बैठक दिनांक 18/10/22 को प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक एवं उनके पर्यावरणीय सलाहकार प्रस्तुतीकरण हेतु समिति के समक्ष उपस्थित नहीं हुए हैं। अतः समिति ने निर्णय लिया कि परियोजना प्रस्तावक को प्रस्तुतीकरण हेतु अंतिम अवसर देते हुए प्रकरण आगामी बैठक में रखा जाये तथा यदि फिर भी परियोजना प्रस्तावक अनुपस्थित रहते हैं तो इस प्रकरण निरस्त (डिलिस्ट) करते एसईआईए को अग्रिम कार्यवाही हेतु भेजा जावे।

आज दिनांक 03/11/22 को परियोजना प्रस्तावक श्री रघुवीर सिंह रानावत (ऑनलाईन) और उनकी ओर पर्यावरण सलाहकार श्री अमित सक्सेना, मेसर्स एपेक्स मिनटेक कांसल्टेंट, उदयपुर उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खजिन शाखा) एकल प्रमाण-पत्र क्रमांक 896

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दिनांक 14/06/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में कोई अन्य खदान स्वीकृत/संचालित नहीं होने की जानकारी दी गई है, इस प्रकार प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार खदान के उत्तर-पश्चिम दिशा में 240 मीटर पर पक्का रोड़, 345 मीटर पर शेड, उत्तर दिशा में 415 मीटर पर आबादी तथा दक्षिण दिशा में 540 मीटर की दूरी पर प्राकृतिक नाला है, जिसके संदर्भ में परियोजना प्रस्तावक ने बताया कि इसके संरक्षण हेतु गारलेन ड्रेन एवं सेटलिंग टेक प्रस्तावित किये गये हैं। परियोजना प्रस्तावक ने बताया कि उनके द्वारा उज्जैन जिले की नवीन जिला सर्वेक्षण रिपोर्ट अपलोड की गई है, जिसके पेज नं. 109 के सरल क्रमांक-1 पर इस खदान का विवरण दर्ज है। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 20,000 मी³ प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में कैपिटल राशि रु. 08.03 लाख एवं रिक्रिंग राशि रु. 01.82 लाख प्रति वर्ष।
3. सी.ई.आर. मद में निम्नानुसार राशि रु.0.90 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जायें :-

क्रमांक	प्रस्तावित गतिविधि	वार्षिक आवर्ती व्यय रु.
1.	ग्राम झिरमिरा के माध्यमिक स्कूल में टंकी सहित शुद्ध पैयजल के लिए वॉटरफिल्टर लगाया जायेगा	50, 000
2.	स्वास्थ्य केंद्र झिरमिरा ग्राम में अधिकारी से परामर्श करके चिकित्सीय उपकरण दिया जायेगा	40, 000
कुल योग		90, 000

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 1600 वृक्षों का वृक्षारोपण :-

क्र.	पौधों का प्रस्तावित स्थान	पौधों के नाम	मात्रा
1	हरित पट्टी (7.50 मीटर बेरियर जोन में 500 मीटर की लम्बाई पर तीन लाइनों में वृक्षारोपण किया जायेगा)	नीम, सीताफल, पीपल, करंज, चिरोल, जंगल जलेबी, सिस्सु आदि।	400

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2	पट्टा क्षेत्र के बाहर अप्रोच रोड(530 मीटर) के दोनों ओर 4 फीट की उचाई वाले पौधे लगाए जायेंगे ट्री गार्ड के साथ में	नीम, पीपल, कचनार, करंज, कदम, चिरोल, आदि	270
3	ग्रामीणों में पौधों का वितरण	आम, जामुन, अमरूद, आंवला , अनार, निम्बू, इमली, कटहल, आदि	930
Total			1600

3. Case No 9351/2022 Shri Pawan Anjana, Owner, Village - Chak Kamed, Tehsil - Ghatiya, Dist. Ujjain, MP - 456001, Prior Environment Clearance for Murrum Quarry in an area of 4.0 ha. (10000 Cum per annum) (Khasra No. 86), Village - Madhawgarh, Tehsil - Ghatiya, Dist. Ujjain (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 86), Village - Madhawgarh, Tehsil - Ghatiya, Dist. Ujjain (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

प्रकरण आज सेक की 600वीं बैठक दिनांक 18/10/22 को प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक एवं उनके पर्यावरणीय सलाहकार प्रस्तुतीकरण हेतु समिति के समक्ष उपस्थित नहीं हुए हैं । अतः समिति ने निर्णय लिया कि परियोजना प्रस्तावक को प्रस्तुतीकरण हेतु अंतिम अवसर देते हुए प्रकरण आगामी बैठक में रखा जाये तथा यदि फिर भी परियोजना प्रस्तावक अनुपस्थित रहते हैं तो इस प्रकरण निरस्त (डिलिस्ट) करते एसईआईए को अग्रिम कार्यवाही हेतु भेजा जावे।

आज दिनांक 03/11/22 को परियोजना प्रस्तावक श्री पवन अंजाना (ऑनलाईन) और उनकी ओर पर्यावरण सलाहकार श्री अमित सक्सेना, मेसर्स एपेक्स मिनटेक कांसल्टेंट, उदयपुर उपस्थित हुए । प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खजिन शाखा) एकल प्रमाण-पत्र क्रमांक 1266 दिनांक 27/07/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में कोई अन्य खदान स्वीकृत/संचालित नहीं होने की जानकारी दी गई है, इस प्रकार प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार खदान के पूर्वी भाग में 350 मी. तथा पश्चिम भाग में 513 मीटर की दूरी पर पक्का रोड़ है । इसी प्रकार आवंटित खनन क्षेत्र में दक्षिण दिशा में 55 मीटर पर आबादी है, जिसके संबंध में परियोजना प्रस्तावक ने बताया कि प्रकरण मुरुम का होने के कारण ब्लास्टिंग प्रस्तावित नहीं है तथा माननीय एन.जी.टी. के आदेशानुसार आबादी के संरक्षण हेतु 45 मीटर का नॉन माईनिंग क्षेत्र दिखाते हुए पुनरीक्षित सरफेस मैप

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प्रस्तुतीकरण में प्रस्तावित किया गया है। परियोजना प्रस्तावक ने बताया कि उनके द्वारा उज्जैन जिले की नवीन जिला सर्वेक्षण रिपोर्ट अपलोड की गई है, जिसके पेज नं. 107 के सरल क्रमांक-1 पर परियोजना प्रस्तावक के नाम से खदान का विवरण दर्ज है किंतु त्रुटिवश उसका खसरा नं. 1129 है जबकि प्रस्तावित खदान के स्वीकृति पत्र में खसरा नं 86 अंकित है। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता मरुम - 10,000 मी³ प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में कैपिटल राशि रु. 13.86 लाख एवं रिकरिंग राशि रु. 01.60 लाख प्रति वर्ष।
3. सी.ई.आर. मद में निम्नानुसार राशि रु. 0.75 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जायें :-

क्रमांक	प्रस्तावित गतिविधि	वार्षिक आवर्ती व्यय रु.
1.	ग्राम खालना के माध्यमिक स्कूल में टंकी सहित शुद्ध पैयजल के लिए वॉटरफिल्टर लगाया जायेगा	30,000
2.	ग्राम माधवगढ़ में वर्ष में 2 बार चिकित्सा जाँच शिविरों का आयोजन एवं दवाओं का वितरण किया जायगा	45,000
कुल योग		75,000

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 4800 वृक्षों का वृक्षारोपण :-

क्रमांक	पौधों का प्रस्तावित स्थान	पौधों के नाम	मात्रा
1	हरित पट्टी (7.50 मीटर बेरियर जोन में 1250 मीटर की लम्बाई पर तीन लाइनो में वृक्षारोपण किया जायेगा)	नीम, पीपल, करंज, चिरोल, जंगल जलेबी, खमेर, सिस्सू आदि।	950
2	पट्टा क्षेत्र के बाहर अप्रोच रोड(500 मीटर) के दोनों ओर 4 फीट की उचाई वाले पौधे लगाए जायेंगे ट्री गार्ड के साथ में	नीम, पीपल, कचनार, करंज, चिरोल, आदि	250
3	ये पौधे ग्राम खालना के सरकारी प्राथमिक विद्यालय, आंगनवाड़ी केन्द्र और पंचायत भवन के प्रांगण में लगाए जायेंगे	नीम, पीपल,, करंज, चिरोल, आम, जामुन, अमरूद, आंवला, आदि	1130

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4.	ग्रामीणों में पौधों का वितरण	आम, जामुन, अमरूद, आंवला, अनार, निम्बू, कटहल, आदि	2770
Total			4800

4. Case No 9353/2022 M/s Satguru Cement Pvt. Ltd, 601/1, Airen Heightus, PU 3 Scheme No. 54, Dist. Indore, MP - 454001 Prior Environment Clearance for Murrum Quarry in an area of 4.0 ha. (40000 Cum per annum) (Khasra No. 104/1Peki), Village - Jheeran, Tehsil - Gandhwani, Dist. Dhar (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 104/1), Village - Jheeran, Tehsil - Gandhwani, Dist. Dhar (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

प्रकरण आज सेक की 600वीं बैठक दिनांक 18/10/22 को प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक एवं उनके पर्यावरणीय सलाहकार प्रस्तुतीकरण हेतु समिति के समक्ष उपस्थित नहीं हुए हैं। अतः समिति ने निर्णय लिया कि परियोजना प्रस्तावक को प्रस्तुतीकरण हेतु अंतिम अवसर देते हुए प्रकरण आगामी बैठक में रखा जाये तथा यदि फिर भी परियोजना प्रस्तावक अनुपस्थित रहते हैं तो इस प्रकरण निरस्त (डिलिस्ट) करते एसईआईए को अग्रिम कार्यवाही हेतु भेजा जावे।

आज दिनांक 03/11/22 को परियोजना प्रस्तावक श्री राजेश बंसल (ऑनलाईन) और उनकी ओर पर्यावरण सलाहकार श्री अमित सक्सेना, मेसर्स एपेक्स मिनटेक कांसल्टेंट, उदयपुर उपस्थित हुए। प्रकरण में परीक्षण में पाय गया कि कार्यालय कलेक्टर (खजिन शाखा) एकल प्रमाण-पत्र क्रमांक 464 दिनांक 06/06/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में कोई अन्य खदान स्वीकृत/संचालित नहीं होने की जानकारी दी गई है, इस प्रकार प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार खदान के दक्षिण भाग में लगभग 105 मी. की दूरी पर मान डेम है, तथा उत्तर-पश्चिम दिशा में 30 मीटर पर प्राकृतिक जल मार्ग है। परियोजना प्रस्तावक ने बताया कि प्रकरण मुरुम की माईनिंग का है अतः ब्लास्टिंग प्रस्तावित नहीं है तथा उत्तर-पश्चिम दिशा में 30 मीटर पर प्राकृतिक जल मार्ग होने के कारण 20 मीटर का नॉन माईनिंग क्षेत्र दिखाते हुए पुनरीक्षित सरफेस मेप प्रस्तुतीकरण में प्रस्तावित किया गया है तथा इसके व मान डेम के संरक्षण हेतु गारलेन ड्रेन एवं सेटलिंग टेक प्रस्तावित किये गये हैं। परियोजना प्रस्तावक ने बताया कि उनके द्वारा धार जिले की अनुमोदित नवीन जिला सर्वेक्षण रिपोर्ट अपलोड की गई है, जिसके पेज नं. 49 के सरल क्रमांक-12 पर इस खदान का विवरण दर्ज है।

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परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता मरुम - 40,000 मी³ प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु.18.44 लाख एवं रिक्रिंग राशि रु. 01.75 लाख प्रति वर्ष।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 01.80 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 02 वर्ष में पूर्ण किये जाये :-

क्रमांक	प्रस्तावित गतिविधि	वार्षिक आवर्ती व्यय रु.
1.	झिरण गांव में रोड की मरम्मत की जाएगी	1,00, 000
2.	झिरण गांव में शाश्वतीय प्राथमिक विद्यालय की मरम्मत एवं रंग रोगन करना	80, 000
कुल योग		1,80, 000

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 4800 वृक्षों का वृक्षारोपण :-

क्रमांक	पौधों का प्रस्तावित स्थान	पौधों के नाम	मात्रा
1	हरित पट्टी (7.50 मीटर बेरियर ज़ोन में 800 मीटर की लम्बाई पर तीन लाइनों में वृक्षारोपण किया जायेगा)	नीम, पीपल, करंज, चिरोल, जंगल जलेबी, खमेर, सिस्सू आदि।	600
2	पट्टा क्षेत्र के बाहर अप्रोच रोड(1700मीटर) के दोनों ओर 4 फीट की उचाई वाले पौधे लगाए जायेंगे ट्री गार्ड के साथ में	नीम, पीपल, कचनार, करंज, चिरोल, आदि	850
4.	ग्रामीणों में पौधों का वितरण	आम, जामुन, अमरूद, आंवला, अनार, निम्बू, कटहल, आदि	2650
	जीराबाद निशा कान्वेंट स्कूल और प्राथमिक स्वास्थ्य केंद्र में पौधों का वितरण	नीम, पीपल, कचनार, आम, जामुन आदि	700
Total			4800

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5. **Case No 9361/2022 M/s Prakash Stone Industries, Shri Jay Prakash Agrawal, Jaitahari, Dist. Anuppur, MP - 484330 Prior Environment Clearance for Stone Quarry in an area of 3.089 ha. (25000 Cum per annum) (Khasra No. 512/8/KA, 543/1), Village - Majhgawan, Tehsil - Pushprajgarh, Dist. Anuppur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 512/8/KA, 543/1), Village - Majhgawan, Tehsil - Pushprajgarh, Dist. Anuppur (MP) 3.089 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 03/11/22 को परियोजना प्रस्तावक श्री जयप्रकाश अग्रवाल (ऑनलाईन) और उनकी ओर पर्यावरण सलाहकार श्री अंकुर शर्मा, मेसर्स काग्नीजेंस रिसर्च इंडिया प्रा.लि. गाजियाबाद, उ.प्र. उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खजिन शाखा) एकल प्रमाण-पत्र क्रमांक 261 दिनांक 17/02/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में कोई 01 अन्य खदान 2002 से 2012 तक संचालित थी, जिसकी अवधि समाप्त हो चुकी है इस अब कोई खदान स्वीकृत/संचालित नहीं है, इस प्रकार प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है। इसी प्रकार एकल प्रमाण पत्र में यह उल्लेखित है कि आवेदित खसरा वन कक्ष क्रमांक आर.एफ. 260 के मुनारा क्रमांक-79 से 512 मीटर की दूरी पर स्थित है तथा ग्राम मझगवां अचानकमार अमरकंटक वायोस्फियर रिजर्व क्षेत्र के 97 ग्रामों की सूची में शामिल है। तत्संदर्भ में परियोजना प्रस्तावक ने अवगत कराया कि खनिज अधिकारी, जिला अनूपपुर ने पत्र क्रमांक 1084 दिनांक 03/06/22 के माध्यम से यह सूचित किया है कि अचानकमार अमरकंटक वायोस्फियर रिजर्व क्षेत्र अंतर्गत वर्तमान में 15 क़शर आधारित उत्खनिपट्टा की खदानें संचालित है तथा वर्तमान में इस कार्यालय को कोई आपत्ति नहीं है। समिति ने चर्चा उपरांत निर्णय लिया कि चूँकि प्रकरण वायोस्फियर रिजर्व से संबंधित है, अतः सेक द्वारा इस प्रकरण में संबंधित वन मण्डलाधिकारी से यह प्रमाण पत्र प्राप्त किया जाये कि क्या इस आवंटित क्षेत्र में खनन करने से उन्हें कोई आपत्ति है अथवा नहीं।

6. **Case No 9364/2022 Shri Navneet Chouksey, Owner, Parasia, Dist. Chhindwara, MP – 480441 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (5016 Cum per annum) (Khasra No. 1/18), Village - Gajandoh, Tehsil - Umreth, Dist. Chhindwara (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1/18), Village - Gajandoh, Tehsil - Umreth, Dist. Chhindwara (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 03/11/22 को परियोजना प्रस्तावक श्री नवनीत चौकसे (ऑनलाईन) और उनकी ओर पर्यावरण सलाहकार श्री अंकुर शर्मा, मेसर्स काग्नीजेंस रिसर्च इंडिया प्रा.लि. गाजियाबाद, उ.प्र. उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खजिन शाखा) एकल प्रमाण-पत्र क्रमांक 1133 दिनांक 30/08/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में 03 अन्य खदान

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स्वीकृत/संचालित होने की जानकारी दी गई है, जिसमें से 02 खदानों का पट्टा अवधि समाप्त/निरस्त हो चुका है, जिसका कुल रकबा 03.00 हे. हैं जिनको छोड़कर कुल रकबा 02.00 हे. होता है, इस प्रकार प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने अवगत कराया कि इस प्रकरण के को-आर्डिनेट माइन प्लॉन में गलत अनुमोदित हुए हैं तथा माइन के गलत को-आर्डिनेट ही केएमएल में अपलोड किए गए हैं जिससे आवंटित खनन की सही लोकेशन गूगल पर दर्शित नहीं हो रही है। उनके द्वारा संबंधित खनन अधिकारी से आवंटित स्थल के वास्तविक को-आर्डिनेट प्राप्त करने हेतु अनुरोध किया गया है, अतः समिति से अनुरोध है कि उनको पुनरीक्षित को-आर्डिनेट प्रस्तुत करने बावत् 15 दिवस का समय दिया जाये। समिति ने चर्चा उपरांत निर्णय लिया कि परियोजना प्रस्तावक संबंधित खनिज अधिकारी से वास्तविक को-आर्डिनेट प्राप्त कर 15 दिवस में ऑनलाईन प्रस्तुत करने बावत् ए.डी.एस. जारी किया जाये।

7. **Case No 9365/2022 Shri Praveen Shrivastava, Owner, 06, Forest Colony, Moti Bangla, Dist. Dewas, MP – 455001 Prior Environment Clearance for Stone Quarry in an area of 1.23 ha. (10002 Cum per annum) (Khasra No. 376, 477, 480), Village - Bapachya Naita, Tehsil - Dewas, Dist. Dewas (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 376, 477, 480), Village - Bapachya Naita, Tehsil - Dewas, Dist. Dewas (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 03/11/22 को परियोजना प्रस्तावक श्री प्रवीण श्रीवास्तव (ऑनलाईन) और उनकी ओर पर्यावरण सलाहकार श्री राम विशाल शुक्ला, मेसर्स एसीरिज इंवायरोटेक इंडिया प्रा.लि., नोयडा, उ.प्र. उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खनिज शाखा) एकल प्रमाण-पत्र क्रमांक 2014 दिनांक 14/07/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में कोई अन्य खदान स्वीकृत/संचालित नहीं होने की जानकारी दी गई है, इस प्रकार प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार खदान के उत्तर दिशा में लगभग 425 मीटर पर आबादी, 530 मीटर पर पक्का रोड़ तथा उत्तर-पश्चिम दिशा में 150 मीटर पर प्राकृतिक नाला है। परियोजना प्रस्तावक ने बताया कि प्राकृतिक नाले के संरक्षण हेतु गारलेन ड्रेन एवं सेटलिंग टेक प्रस्तावित किये गये हैं। परियोजना प्रस्तावक ने बताया कि उनके खदान का विवरण जिला सर्वेक्षण रिपोर्ट के पेज नं. 39 के सरल क्रमांक-9 पर दर्ज है। परियोजना प्रस्ताव ने बताया कि आवंटित खनन क्षेत्र में 02 पेड़ लगे हैं जिसमें से एक बबूल का पेड़ काटा जाना प्रस्तावित है तथा उसके एवज में 10 अतिरिक्त पेड़ लगाये जायेंगे। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट

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शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 10,002 मी³ प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 15.45 लाख एवं रिक्रिंग राशि रु. 02.42 लाख प्रति वर्ष।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 0.70 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जाये :-

सी.ई.आर. मद से प्रस्तावित गतिविधि	राशि (रु. में)
शासकीय प्राथमिक विद्यालय वापच्या नायता में रंगाई पुताई, एक कम्प्यूटर, प्रिंटर टेबल के साथ	70,000

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 2410 वृक्षों का वृक्षारोपण :-

कं.	प्रस्तावित वृक्षारोपण हेतु नियत स्थान	पौधों की प्रजातियाँ	मात्रा (संख्या में)
1	बैरियर जोन	सिस्सू, चिरोल, नीम, जंगल जलेबी, करंज, बबूल, खमेर, एवं अन्य स्थानीय प्रजातियाँ	1210
2	परिवहन मार्ग (न्यूनतम ऊँचाई 1 मीटर)	कदम्ब, कचनार, चिरोल, नीम, पीपल, आम एवं अन्य स्थानीय प्रजातियाँ ट्री गार्ड के साथ	200
3	ग्रामवासियों में वितरण हेतु	आवंला, नीबू, बेल, आम, जामुन, कटहल, मुनगा, एवं अन्य स्थानीय प्रजातियाँ।	800
4.	शासकीय प्राथमिक विद्यालय रेहमान नगर एवं शासकीय प्राथमिक विद्यालय वापच्या नायता की बाउंड्री वॉल की तरफ एवं ग्राम पंचायत भवन	कदम्ब, कचनार, चिरोल, नीम, पीपल, आम एवं अन्य स्थानीय प्रजातियाँ ट्री गार्ड के साथ	200
कुल			2410

8. **Case No 9367/2022 M/s V.V.C.S.R.L Project Pvt. Ltd, A.B.Road, Raghavgarh, Dist. Guna, MP - 473226, Prior Environment Clearance for Murrum Quarry in an area of 2.0 ha. (10000 Cum per annum) (Khasra No. 44/1), Village - Bamura Jaisingh, Tehsil - Rehli, Dist. Sagar (MP)**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 44/1), Village - Bamura Jaisingh, Tehsil - Rehli,

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Dist. Sagar (MP) (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

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परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार खदान के दक्षिण भाग में लगभग 05 मीटर की दूरी कच्चा रास्ता है, जिसके संदर्भ में परियोजना प्रस्तावक ने बताया कि यह पगडंडी है तथा उनकी खदान तक पहुँच मार्ग होगा, जिसका वे रख-रखाव करेंगे। इसी प्रकार आवंटित खनन क्षेत्र से 175 मीटर पर पूर्व दिशा में नदी तथा दक्षिण दिशा में 100 मीटर की दूरी पर प्राकृतिक नाला है। परियोजना प्रस्तावक ने बताया कि नदी तथा प्राकृतिक नाला के संरक्षण हेतु गारलेन ड्रेन एवं सेटलिंग टेक प्रस्तावित किये गये हैं तथा प्रकरण मुरुम का होने के कारण ब्लास्टिंग प्रस्तावित नहीं है। परियोजना प्रस्तावक ने बताया कि सागर जिले की नवीन जिला सर्वेक्षण रिपोर्ट में इस खदान का विवरण दर्ज नहीं है, क्योंकि खदान की स्वीकृति नवीन जिला सर्वेक्षण रिपोर्ट के बाद हुई है। इस संदर्भ में परियोजना प्रस्तावक ने बताया कि राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकारण मध्यप्रदेश द्वारा एक अन्य प्रकरण में 739वीं बैठक दिनांक 29/07/22 (9261/2022 – जारी पत्र क्रमांक 1306 दिनांक 04/08/22) निर्णय लिया है कि :-

“राज्य स्तरीय समाघात निर्धारण प्राधिकारण द्वारा प्रकरण में विस्तृत चर्चा एवं परीक्षण उपरांत निम्नानुसार निर्णय लिया गया – चूंकि प्रकरण से संबंधित जिले की नवीन जिला सर्वेक्षण रिपोर्ट सेक की अनुशंसा पर सिया द्वारा अनुमोदित की गई है जो कि 05 वर्ष के लिए वैध है एवं जिला स्तर पर नवीन खदानों की स्वीकृति की निरंतर प्रक्रिया होती है अतः ऐसे जिले जिनकी जिला सर्वेक्षण रिपोर्ट अनुमोदित की जा चुकी है उनके द्वारा बाद में स्वीकृत प्रकरणों में जो कि पूर्व में जिला सर्वेक्षण रिपोर्ट में सम्मिलित नहीं किए गए हैं, उन प्रकरणों में पर्यावरणीय संवेदनशीलता के दृष्टिगत परीक्षण कर पर्यावरणीय स्वीकृति हेतु सिया को अनुशंसित किये जाना उचित होगा। पूर्व पर्यावरण अनापत्ति अनुमोदित होने पर संबंधित जिला खनिज अधिकारी द्वारा अधिसूचना में निहित निर्धारित प्रक्रिया के अनुरूप समावेश कर जिला पोर्टल पर अपलोड कर सिया एवं सेक को सूचित किया जाये”।

समिति ने चर्चा उपरांत निर्णय लिया कि राज्य स्तरीय स्तरीय पर्यावरण समाघात निर्धारण प्राधिकारण मध्यप्रदेश की 739वीं बैठक दिनांक 29/07/22 (प्रकरण में 9261/2022 – जारी पत्र क्रमांक 1306 दिनांक 04/08/22) में लिए गए निर्णय के परिप्रेक्ष्य में इस प्रकरण को भी पर्यावरणीय संवेदनशीलता के दृष्टिगत परीक्षण कर पर्यावरणीय स्वीकृति हेतु सिया को अनुशंसित किया जाये। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता मुरुम – 10,000 मी³ प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 16.49 लाख एवं रिकरिंग राशि रु. 02.42 लाख प्रति वर्ष।

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3. सी.ई.आर. मद में निम्नानुसार राशि रु. 0.70 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जाये :-

सी.ई.आर. मद से प्रस्तावित गतिविधि	राशि (रु. में)
4. शासकीय माध्यमिक स्कूल खमारिया रेहली मे रंगाई पुताई, दो स्पोर्ट किट, फर्नीचर (20 लकड़ी की कुर्सीया और 2 अलमारी)	70,000

5. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत् सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 2400 वृक्षों का वृक्षारोपण :-

कं.	प्रस्तावित वृक्षारोपण हेतु नियत स्थान	पौधों की प्रजातियाँ	मात्रा (संख्या में)
1	बैरियर जोन	सिस्सू, चिरोल, नीम, जंगल जलेबी, करंज, सीताफल, सुबबूल, सफेद सिरिस, महुआ, खमेर, एवं अन्य स्थानीय प्रजातियाँ	1200
2	परिवहन मार्ग (न्यूनतम ऊँचाई 1 मीटर)	कदम्ब, कचनार, चिरोल, नीम, पीपल, आम एवं अन्य स्थानीय प्रजातियाँ ट्री गार्ड के साथ	200
3	ग्रामवासियों मे वितरण हेतु	इमली, आवंला, नीबू, बेल, आम, जामुन, कटहल, मुनगा, एवं अन्य स्थानीय प्रजातियाँ।	800
4.	सोनार नदी के किनारों पर	करंज, खस, नागर, मोथा , बॉस एवं अन्य स्थानीय प्रजातियाँ ट्री गार्ड के साथ	200
कुल			2400

9. **Case No 9373/2022 M/s Oil and Natural Gas Corporation Ltd, Shri Rajesh Sharma, Chief General Manager, I/C HSE, Frontier Basins, ONGC, Ganga Building, IDT Campus, Kaulagarh Road, Dist. Dehradun, Uttarakhand – 248195. Prior Environment Clearance for Exploratory Drilling (4 wells) in OALP-IV Block, VN-ONHP-2019/3, at Village - Kuwayala, Tehsil - Banda, Dist. Sagar and Village - Chhirka, Tehsil - Patharia, Dist. Damoh, Village - Jalna, Tehsil - Batiyagarh, Dist. Damoh (MP). Category-1(b).**

This is case of Prior Environment Clearance for Exploratory Drilling (04 wells) in OALP-IV Block, VN-ONHP-2019/3, at Village - Kuwayala, Tehsil - Banda, Dist. Sagar and Village - Chhirka, Tehsil - Patharia, Dist. Damoh, Village - Jalna, Tehsil - Batiyagarh, Dist. Damoh (MP). The project requires prior EC before commencement of any activity at site.

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The case was presented PP Shri Amit Saxena on behalf of PP Deputy General Manager, Frontier Basins, ONGC, Dehradun wherein PP submitted that the proposed site is not coming under forest land and proposed site is approximately 100 km far from Nauradehi Wild Life Sanctuary and about 50 KMs from Panna Tiger Reserve moreover.

The salient features of the project are as:-

Name of Block	OALP-IV Block VN-ONHP-2019/3
Proposed Locations	4 wells in the block
Depth	Approx. 3000 m / Well
Cost	Approx. 330 Crores for 4 wells
Area	Banda Tehsil, District Sagar and Pathariya and Batiyagarh Tehsils of Damoh District
Coordinates of Block	Coordinates of block furnished in next slide
District :	Damoh and Sagar

Geological Overview of Vindhyan Basin:-

- Large Proterozoic Basin (Area 2,02,888 Sq.Km) in Peninsular India, comprising of geologically old sediments (1650-500 Ma)
- Extends from Chittorgarh in the west to Sasaram in the east and from Dholpur in the north to Khandwa in the south, covering the states of Rajasthan, Madhya Pradesh, Uttar Pradesh and Bihar.
- Bundelkhand Massif in the north-central part broadly divides the basin into two sectors: Son Valley to the east and Chambal Valley to the west.
- In Son Valley, presence of thick marine sedimentary sequence (Max. 6 Km) exists in proximity to SNL
- Petroleum System in Vindhyan Basin already established through number of thermogenic gas discoveries in Son Valley. Gas accumulations in Unconventional, fractured tight carbonate and clastic reservoirs
- Hydrocarbon bearing reservoirs range in depth from 500- 3000m

Project Proposal:-

- ONGC endeavors hydrocarbon exploration to meet the rising energy requirements of the country
- The proposed drilling activity in the existing acreage of VN-ONHP-2019/3, Son Valley, Vindhyan Basin is expected to establish commercial

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viability of gaseous hydrocarbons, opening a new vista of hydrocarbon exploration

- The project shall undertake drilling of four exploratory wells (depth approximately 3000m each) for establishing commerciality of hydrocarbons present in the area

Selection of Locations:-

- Drilling of wells for exploration of hydrocarbons is a cost intensive high risk activity
- Evaluation of multiple Geological and Geophysical data sets including 2D and 3D Seismic data, Gravity Data and Magnetic data is required
- Also the results of wells drilled in the area along with the data collected from the drilled wells are evaluated for evaluation of prospective locations
- The drillable locations identified by such prospectivity analysis are then further reviewed and approved by the competent authority and then only the locations are taken up for drilling.
- Availability of clearances prior to release of locations for drilling helps in reducing time delays which may prove vital considering the short period for which OALP blocks are allotted by Director General of Hydrocarbons, Government of India
- Prior clearance will facilitate in achieving the objective of establishing hydrocarbon reserves and thereby monetization of the same at the earliest

Procedure for Temporary Land Acquisition: -

- Location is finalized and released for drilling exploratory well by the competent authority
- Exact location is staked on ground by a multi-disciplinary technical team
- Required land is identified and consent of owners is sought for lease of land by an in-house committee.

Water Requirement:

- 25 KLD of water is required for each site per day, which is supplied by the contractor through tankers. Since we have only one Rig at present only one site is operational at any given time
- 20 KLD of water is required for operational purpose
- 05 KLD of water is required for domestic purpose

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- Drinking water requirement is met through bottled water in 20 litre cans and supplied by the caterer
- No waste water will be disposed out of the site premises
- Domestic waste water will be treated through Septic tanks and soak pits
- Environmental Management Plan (EMP) is drawn after identifying, predicting and evaluating the significant impacts on each component of the environment with a view to maximizing the benefits from proposed project.

The following measures will also be included in EMP:

- A detailed plan covering environmental variables to be monitored, the location and timing of sampling and the use to be made of monitoring data to ensure compliance with the applicable environmental rules/regulations throughout the life of the project exists
- Delineate post-closure plan coexisting with natural surroundings for abandonment of wells, rig dismantling and site completion and reclamation for abandonment
- Mitigation measures required to address environmental concerns such as water pollution, noise pollution, debris disposal will be taken care of.
- Assess infrastructures for treatment of waste water, drill cuttings, drilling waste mud, sewage, solid/hazardous waste.
- It will be ensured that the water of the river/s passing through the proposed project area is not be affected.
- Drill-cuttings consist mainly of clay, shale, sand, sand-stones and siltstone/silt. Drill-cuttings are non-hazardous and are kept in impervious lined waste pits after washing with water .
- After the operations are over the drilled cuttings are left to dry in the waste pit through solar evaporation.
- At the time of restoration of the site the drill cuttings along with the hardening material may be used as fillings on village kuccha roads for hardening.
- About 50-125 m³ of mud is filled in the well depending upon the depth and size of the hole.
- Approximately 150 m³ of mud is discarded into the waste pits after dilution and it is thoroughly treated so that maximum water is recovered. The recovered water is used for cleaning purposes after the operations are over or temporarily stopped.
- Mud consists of 90% water and the rest is mainly clay, other constituents (chemicals) are biodegradable.

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- Spent / burnt Oil: Only 500-600 ltrs per month of spent oil is generated which is collected in barrels and sent to our stores at Madhopur, District Gurdaspur, Punjab regularly for disposal to authorized re-cyclers through Metal and Scrap Trading Corporation.
- Waste water is collected in impervious lined waste pits.
- A mobile ETP is used for treatment of waste water.
- The ETP moves along with the Rig where ever the operations are going on.
- The treated water is used for mud preparation, cleaning and sprinkling for dust suppression at the site.
- The small amounts of water left over along with clays are also treated in the pits and solar evaporated.

Restoration of Site:

- After drilling operations are completed, if presence of hydrocarbons is observed then the well is tested for establishing commerciality of the hydrocarbons. In the event, the presence of hydrocarbons in commercial quantities is established then in that case a proposal is initiated for permanent/ long term lease acquisition of the land.
- If there is no appreciable amount of hydrocarbons found, then the following process is followed.
- The well is declared abandoned on the basis of data collected.
- Process of abandonment / restoration is adopted.
- Bottom cement plug of 100m is placed at the bottom of the hole and hole is filled with the mud. A top cement plug of 100m is placed upto the mouth of the hole.
- Casing is cut 1.50m from the ground level and an 8 mm plate is welded on top of it.
- Cellar pit is filled with soil.
- All surface structures are dismantled and removed.
- All foundations are removed to a depth of 1.20 from the ground level as per the guidelines of MOEFFCC/CPCB/SPCB and all structures are removed.
- All surface hardening is also removed along with the cuttings and dried material left in the waste pits.
- All pits are filled and the site is levelled to the ground level and covered with top soil and in case of agricultural land, it is treated with manure/fertilizers to the satisfaction of the owners.
- Once the land is restored, the owners are given a notice of 15 days that their land will be returned to them and no further lease rent will be payable after that.

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- Finally the land is returned to the respective owners and the lease agreement is cancelled.
- After the well is declared abandoned and the process of abandonment is completed the restoration work takes about 6-8 months time once the process for restoration is initiated.

Dealing with Worst Case Scenario:

- In case of worst case scenario with respect to hydrocarbons escaping during exploration, we have Emergency Response Plan and Disaster Management Plan available at the site.
- To deal with such type of emergency situations we have Crisis Management Team with experts to deal with the situation at short notice to control such situation and also take necessary mitigation measures.

Break up of Financial Implications of EMP for drilling of 4 wells in the project:

- | | |
|---|----------------|
| • Total expenditure to be incurred on EMP - | Rs.5.515 Cr. |
| • Capital Expenditure | - Rs.5.2 Cr. |
| • Recurring Expenditure | - Rs.0.315 Cr. |

After deliberations, the EMP, presentation & other submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Exploratory Drilling (4 wells) in OALP-IV Block, VN-ONHP-2019/3, at Village - Kuwayala, Tehsil - Banda, Dist. Sagar and Village - Chhirka, Tehsil - Patharia, Dist. Damoh, Village - Jalna, Tehsil - Batiyagarh, Dist. Damoh (MP). Category: 1(b) Offshore and Onshore and gas exploration, development & production Project, with following standard conditions:

A. Statutory compliance:

- I. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project. (If applicable)
- II. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable. (If applicable)
- III. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The

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recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area) .

- IV. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- V. Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.

A. Air quality monitoring and preservation:

- I. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with
- II. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines
- III. The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- IV. Ambient air quality shall be monitored at the nearest human settlements as per the National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 for PM₁₀, PM_{2.5}, SO₂, NO_x, CO, CH₄. HC, Non-methane HC etc
- V. During exploration, production, storage and handling, the fugitive emission of methane, if any, shall be monitored using Infra-red camera/ appropriate technology.
- VI. The project proponent also to ensure trapping/storing of the CO₂ generated, if any, during the process and handling.
- VII. Approach road shall be made pucca to minimize generation of suspended dust.

B. Water quality monitoring and preservation:

- I. As proposed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged to any surface water body, sea and/or on land. Domestic sewage shall be disposed off through septic tank/soak pit.
- II. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
- III. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
- IV. The company shall construct the garland drain all around the drilling site to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage system shall be created for oil contaminated and non-oil contaminated. Effluent shall be properly treated and treated wastewater shall conform to CPCB standards.
- V. Drill cuttings separated from drilling fluid shall be adequately washed and disposed in HDPE lined pit. Waste mud shall be tested for hazardous contaminants and disposed according to HWMH Rules, 2016. No effluent/drilling mud/drill cutting shall be discharged/disposed off into nearby surface water bodies. The company shall comply with the guidelines for disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation notified vide GSR.546(E) dated 30 th August, 2005.
- VI. ONGC in the process of having a mobile ETP coupled with R.O. on contract basis. The treated 06 KL water used for preparation of mud and water shall be re-cycled and re-used and any excess volume of water left in the waste pits shall be solar evaporated.

C. Noise monitoring and prevention:

- I. The company shall make all arrangements for control of noise from the drilling activity. Acoustic enclosure shall be provided for the DG sets along with the adequate stack height as per CPCB guidelines.
- II. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- III. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

D. Energy Conservation measures:

- I. The energy sources for lighting purposes shall preferably be LED based

E. Waste management:

- I. Barite waste containing mercury and cadmium shall be analyzed for its hazardous constituents and if exceeds the permissible limits, shall be disposed off in CTSDf or as decided by M. P. Pollution Control Board.
- II. Oil spillage prevention and mitigation scheme shall be prepared. In case of oil spillage/ contamination, action plan shall be prepared to clean the site by adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.
- III. Oil content in the drill cuttings shall be monitored by some Authorized agency and report shall be sent to the Regional Office of MoEF&CC, Govt. of India as a part of six monthly compliance reports.
- IV. Spent / burnt oil generated is only 500-600 litres per month which is collected in barrels and sent to ONGC's stores of Madhopur, District Gurdaspur, Punjab regularly for disposal to authorized re-cyclers through Metal and Scrap Trading Corporation.

F. Safety and Human health issues:

- I. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- II. Blow-Out Preventer system shall be installed to prevent well blow outs during drilling operations. BOP measures during drilling shall focus on maintaining well bore hydrostatic pressure by proper pre-well planning and drilling fluid logging etc.
- III. Company shall prepare operating manual in respect of all activities, which would cover all safety & environment related issues and measures to be taken for protection. One set of environmental manual shall be made available at the drilling site/ project site. Awareness shall be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office. Remote monitoring of site should be done.
- IV. On completion of drilling, the company has to plug the drilled wells safely and obtain certificate from environment safety angle from the concerned authority.
- V. The company shall take measures after completion of drilling process by well plugging and secured enclosures, decommissioning of rig upon abandonment of the well and drilling site shall be restored the area in original condition. In the event that

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no economic quantity of hydrocarbon is found a full abandonment plan shall be implemented for the drilling site in accordance with the applicable Indian Petroleum Regulations

- VI. The Company shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. Possibility of using ground flare shall be explored. At the place of ground flaring, the overhead flaring stack with knockout drums shall be installed to minimize gaseous emissions during operation
- VII. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- VIII. The company shall develop a contingency plan for H₂S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H₂S detectors in locations of high risk of exposure along with self-containing breathing apparatus
- IX. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- X. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- XI. The Company shall carry out long term subsidence study by collecting base line data before initiating drilling operation till the project lasts. The data so collected shall be submitted to the Regional Office of MoEF&CC, Govt. of India as a part of six monthly compliance.

G. EMP& CER

- I. A budgetary provision of Rs. 5.515 crores is made for Environmental Management Plan as capital cost Rs. 5.20 crores and Rs 0.315 crores as recurring cost.
- II. PP has proposed following physical targets based on public hearing under Corporate Environment Responsibility (CER).
- III. For this project PP has proposed Rs 64.00 Lakh as Corporate Environment Responsibility (CER):

CER activities as per notification	Proposed Budget for CER in lakh
Saplings of native fruit bearing species will be distributed to nearby villagers or	2.0

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planted at designated places (2000 Saplings)	
Medical camps 2 Nos. will be organized	8.0
Supplementing Infrastructure in Govt. Schools, Boring for drinking water with overhead tank, Toilets, Boundary walls wherever required etc	30.0
Solar Street Lighting (60 No.)	9.0
Wild Life habitat improvement in Rani Durgawati wildlife sanctuary, Singrampur, Damoh which shall be carried out in the first year of commencement of the project.	15.0
Total	64.00

- IV. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-1 A.III dated 1s May 2018, as applicable, regarding Corporate Environment Responsibility.
- V. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- VI. A separate Environmental Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization,
- VII. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the MoEF&CC, Govt. of India along with the Six-Monthly Compliance Report.
- VIII. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

H. Miscellaneous

- I. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under

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- the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- II. The project proponent shall inform Regional Office as well as MoEF&CC, Govt. of India the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
 - III. Restoration of the project site shall be carried out satisfactorily and report shall be sent to the Regional Office of MoEF&CC, Govt. of India.
 - IV. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
 - V. The project proponent shall abide by all the commitments and recommendations made in the PFR report and also that during their presentation to the State Level Expert Appraisal Committee.
 - VI. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - VII. The MoEF&CC reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
 - VIII. The Regional Office of the MoEF&CC, Govt. of India shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
 - IX. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

10. Case No 9369/2022 M/s MKC Infrastructure Ltd, Shri Dharmendra Mehta, 10, MKC House, Shiv Nagar, Anjar, Dist. Kutch, Gujarat - 370110 Prior Environment Clearance for Stone Quarry in an area of 3.40 ha. (25,000 Cum per annum) (Khasra No. 114/1, 117, 118), Village - Jhontawali, Tehsil - Suwasra, Dist. Mandsaur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 114/1, 117, 118), Village - Jhontawali, Tehsil - Suwasra, Dist. Mandsaur (MP) 3.40 Ha. The project requires prior EC before commencement of any activity at site.

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आज दिनांक 03/11/22 को परियोजना प्रस्तावक श्री धर्मेन्द्र मेहता (ऑनलाईन) और उनकी ओर पर्यावरण सलाहकार श्री रामराघव, मेसर्स ग्रीन सर्कल आईएनसी., बड़ौदरा, गुजरात उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खजिन शाखा) एकल प्रमाण-पत्र क्रमांक 2160 दिनांक 28/09/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में कोई अन्य खदान स्वीकृत/संचालित नहीं होने की जानकारी दी गई है, इस प्रकार प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार खदान के पूर्व एवं दक्षिण दिशा में लगभग 45 मीटर दूरी पर प्राकृतिक नाला है। परियोजना प्रस्तावक ने बताया कि प्राकृतिक नाले के संरक्षण हेतु खनन क्षेत्र के अंदर 05 मीटर का सेटबैक (7.5 मीटर का बैरियर जोन को छोड़कर) छोड़ा गया है तथा पुनरीक्षित सरफेस मैप प्रस्तुतीकरण में प्रस्तुत किया गया है। परियोजना प्रस्तावक ने बताया कि यह अस्थाई अनुज्ञा है, जो दिनांक 26/5/22 को स्वीकृत हुई है तथा प्राकृतिक नाले के संरक्षण हेतु गारलेन ड्रेन एवं सेटलिंग टेक प्रस्तावित किये गये हैं। प्रकरण के परीक्षण में पाया गया कि मंदसौर जिले की नवीन जिला सर्वेक्षण रिपोर्ट के पेज नं.-59 के सरल क्रमांक 07 पर इस खदान का विवरण दर्ज है। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टैण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 25,000 मी³ प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में कैपिटल राशि रु. 13.36 लाख एवं रिक्रिंग राशि रु. 02.80 लाख प्रति वर्ष।
3. सी.ई.आर. मद में निम्नानुसार राशि रु. 01.80 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जायें :-

सी.ई.आर. मद से प्रस्तावित गतिविधि	राशि (रु. में)
ग्राम झोटावली में ग्राम पंचायत के परामर्श से हैंडपंप लगवाया जावेगा एवं उसके चारों ओर कॉन्क्रिटिंग करी जावेगी	1,00,000/-
उत्खनिपट्टे के पश्चिम में लगभग 150 मीटर की दूरी स्थित चेक डैम का गहरीकरण करके उसके आस पास वृक्षारोपण किया जावेगा जिनकी सुरक्षा के लिए ट्री गार्ड भी लगाए जावेंगे	80,000/-
कुल	1,80,000/-

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 4100 वृक्षों का वृक्षारोपण :-

कं.	प्रस्तावित वृक्षारोपण हेतु नियत स्थान	पौधों की प्रजातियाँ	मात्रा (संख्या में)
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1	बैरियर जोन	स्थानीय पौधों की प्रजातियां जैसे:- नीम, खमेर, चिरोल, सीताफल, जंगल जलेबी, सफेद कस्टार, सिस्सू, पीपल, बरगद, करंज आदि।	800
2	परिवहन मार्ग तथा ग्रामीण मार्ग (न्यूनतम ऊँचाई 1 मीटर)	स्थानीय पौधों की प्रजातियां जैसे:- पीपल, करंज, बरगद, चिरोल, पुत्रंजीवा, नीम, सिस्सू आदि।	350
3	प्रथम वर्ष में ग्राम झोटावली के नजदीक स्थित प्राथमिक उपचार केंद्र में	स्थानीय पौधों की प्रजातियां जैसे:- आवला, कदम, पुत्रंजीवा, मोलश्री, पपीता, आम, मुनगा, कटहल, करंज आदि।	50
4.	खदान में प्रस्तावित दक्षिण में गैर खनन क्षेत्र और उत्तर में अनुपयोगी क्षेत्र में	स्थानीय पौधों की प्रजातियां जैसे:- चिरोल, नीम, सीताफल, जंगल जलेबी, सिस्सू, पीपल, सफेद कैस्टर, करंज आदि।	1000
	ग्राम झोटावली एवं समीप स्थित के ग्रामीणों में पौधों का वितरण	स्थानीय पौधों की प्रजातियां जैसे:- आम, जामुन, अमरुद, सीताफल, आमला, अनार, निम्बू, कटहल आदि।	1900
कुल			4100

11. Case No 9371/2022 Smt. Nilam Kothari W/o Shri Sourabh Kothari, 140, Ward No. 13, Hoshangabad Road, Obedullaganj, Dist. Raisen, MP - 464993, Prior Environment Clearance for Soil Quarry in an area of 1.50 ha. (2880 Cum per annum) (Khasra No. 224), Village - Umariya, Tehsil - Gauharganj, Dist. Raisen (MP)

This is case of Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 224), Village - Umariya, Tehsil - Gauharganj, Dist. Raisen (MP) 1.50 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 03/11/22 को परियोजना प्रस्तावक श्रीमती नीलम कोठारी (ऑनलाईन) और उनकी ओर पर्यावरण सलाहकार श्री रामराघव, मेसर्स ग्रीन सर्कल आईएनसी., बड़ौदरा, गुजरात उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खजिन शाखा) एकल प्रमाण-पत्र क्रमांक 582 दिनांक 10/06/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में 01 अन्य खदान स्वीकृत/संचालित होने की जानकारी दी गई है, जिनका कुल रकबा 2.835 हे. होता है, इस प्रकार प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार खदान के दक्षिण भाग लगा हुआ प्राकृतिक नाला है, जिसके संरक्षण हेतु म.प्र.एम.एम.आर., 1996 के नियमानुसार

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50 मीटर का सेटबैक छोड़ा जाना होगा। परियोजना प्रस्तावक ने बताया कि उनके द्वारा नाले से 50 मीटर की परिधि में आने वाले सम्पूर्ण खनन् क्षेत्र को नॉनमाईनिंग जोन के रूप में छोड़ा गया है तथा पुनरीक्षित सरफेस मैप प्रस्तुतीकरण में दिया गया है। परियोजना प्रस्तावक ने बताया कि प्राकृतिक नाले के संरक्षण हेतु गारलेन ड्रेन एवं सेटलिंग टेक प्रस्तावित किये गये हैं तथा छोड़े गये नॉन माईनिंग जोन में वृक्षारोपण किया जायेगा। इसी प्रकार आवंटित खनन् क्षेत्र के उत्तर-पूर्व दिशा में कुछ मकान दिख रहे हैं, जिसके संदर्भ में परियोजना प्रस्तावक ने बताया कि यह अस्थाई निवास पास के संचालित एक ईट-भट्ठों में काम करने वाले श्रमिकों तथा खदान मालिक के हैं तथा प्रकरण में ब्लास्टिंग प्रस्तावित नहीं है तथा खनन् की अधिकतम गहराई 02 मीटर प्रस्तावित है। परियोजना प्रस्तावक ने बताया कि उनको खनिज पट्टा दिनांक 26/5/22 को स्वीकृत हुआ है। प्रकरण के प्रस्तुतीकरण के दौरान पाया गया कि आवंटित खनन् क्षेत्र में कुछ संरचना निर्मित दिख रही है, जिसके संदर्भ में परियोजना प्रस्तावक ने बताया कि उनके द्वारा आवंटित खनन् क्षेत्र में कोई उत्खनन् नहीं किया गया है तथा जो संरचना दिख रही है वह एक पुराना ईट का भट्टा है, जिसे मिट्टी के उत्खनन हेतु अब तोड़ दिया गया है तथा आवंटित इस खनन् क्षेत्र के अंदर भट्टा लगाया जाना प्रस्तावित नहीं है।

परियोजना प्रस्तावक ने बताया कि जिला सर्वेक्षण रिपोर्ट रायसेन में इस खदान का विवरण दर्ज नहीं है किंतु कार्यालय कलेक्टर (खनिज शाखा) जिला रायसेन के पत्र क्रमांक 1156 दिनांक 12/10/22 के माध्यम से सूचित किया है कि प्रस्तावित खदान ग्राम उमारिया तहसील गोहरगंज जिला रायसेन के खसरा क्रमांक 224 पर खनिज ईट चिमनी उत्खनिपट्टा को जिला सर्वेक्षण रिपोर्ट में अद्यतन कर दिया जावेगा। इस संदर्भ में परियोजना प्रस्तावक ने बताया कि राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकारण मध्यप्रदेश द्वारा एक अन्य प्रकरण में 739वीं बैठक दिनांक 29/07/22 (9261/2022 – जारी पत्र क्रमांक 1306 दिनांक 04/08/22) निर्णय लिया है कि :-

“राज्य स्तरीय समाघात निर्धारण प्राधिकारण द्वारा प्रकरण में विस्तृत चर्चा एवं परीक्षण उपरांत निम्नानुसार निर्णय लिया गया – चूंकि प्रकरण से संबंधित जिले की नवीन जिला सर्वेक्षण रिपोर्ट सेक की अनुशंसा पर सिया द्वारा अनुमोदित की गई है जो कि 05 वर्ष के लिए वैध है एवं जिला स्तर पर नवीन खदानों की स्वीकृति की निरंतर प्रक्रिया होती है अतः ऐसे जिले जिनकी जिला सर्वेक्षण रिपोर्ट अनुमोदित की जा चुकी है उनके द्वारा बाद में स्वीकृत प्रकरणों में जो कि पूर्व में जिला सर्वेक्षण रिपोर्ट में सम्मिलित नहीं किए गए हैं, उन प्रकरणों में पर्यावरणीय संवेदनशीलता के दृष्टिगत परीक्षण कर पर्यावरणीय स्वीकृति हेतु सिया को अनुशंसित किये जाना उचित होगा। पूर्व पर्यावरण अनापत्ति अनुमोदित होने पर संबंधित जिला खनिज अधिकारी द्वारा अधिसूचना में निहित निर्धारित प्रक्रिया के अनुरूप समावेश कर जिला पोर्टल पर अपलोड कर सिया एवं सेक को सूचित किया जाये”।

समिति ने चर्चा उपरांत निर्णय लिया कि राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकारण मध्यप्रदेश की 739वीं बैठक दिनांक 29/07/22 (प्रकरण में 9261/2022 – जारी पत्र क्रमांक 1306 दिनांक 04/08/22) में लिए गए निर्णय के परिप्रेक्ष्य में इस प्रकरण को भी पर्यावरणीय संवेदनशीलता के दृष्टिगत परीक्षण कर पर्यावरणीय स्वीकृति हेतु सिया को अनुशंसित किया जाये। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

1. अनुमोदित खनन् योजना अनुसार अधिकतम उत्पादन क्षमता स्वाईल – 2,880 मी³ प्रति वर्ष।

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2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 07.08 लाख एवं रिक्रिंग राशि रु. 02.21 लाख प्रति वर्ष ।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 0.30 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जायें :-

सी.ई.आर. मद से प्रस्तावित गतिविधि	राशि (रु. में)
ग्राम उमरिया में स्थित शासकीय प्राथमिक विद्यालय की मरम्मत एवं पुताई करी जावेगी एवं विद्यालय में 2 ब्लैकबोर्ड दिए जावेंगे ।	30,000/-

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत् सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 1800 वृक्षों का वृक्षारोपण :-

कं.	प्रस्तावित वृक्षारोपण हेतु नियत स्थान	पौधों की प्रजातियाँ	मात्रा (संख्या में)
1	बैरियर जोन के अंतर्गत (खदान पट्टा सीमा 850 मीटर परिधि तक)	स्थानीय पौधों की प्रजातियां जैसे:- आम खमेर, पीपल, चिरोल, नीम, सीताफल, जंगल जलेबी, सिस्सू , करंज आदि ।	500
2	खदान क्षेत्र के परिवहन मार्ग एवं ग्रामीण मार्ग (न्यूनतम ऊँचाई 1 मीटर)	स्थानीय पौधों की प्रजातियां जैसे:- पीपल, करंज, चिरोल, पुत्रंजीवा, नीम, सिस्सू आदि ।	200
3	प्रथम वर्ष में ग्राम उमारिया के नजदीक स्थित प्राथमिक उपचार केंद्र में	स्थानीय पौधों की प्रजातियां जैसे:- पुत्रंजीवा, मोलश्री, संतरा, पपीता, आम, इमली, मुनगा, कटहल करंज, आवला आदि ।	50
4.	खदान में प्रस्तावित गैर खनन क्षेत्र में (2500 वर्ग मीटर)	स्थानीय पौधों की प्रजातियां जैसे:- चिरोल, नीम, सीताफल, जंगल जलेबी, सिस्सू , पीपल, सफेद कैस्टर, करंज आदि ।	100
5.	ग्रामीणों में पौधों का वितरण	स्थानीय पौधों की प्रजातियां जैसे:- आमला, सीताफल, आम, अमरुद, अनार, कटहल , निम्बू, जामुन आदि ।	950
कुल			1800

12. Case No 9372/2022 Smt. Renu Singhal, 502, Satyam Residency Tower, Alkapuri Tiraha, City Centre, Dist. Gwalior, MP - 474011, Prior Environment Clearance for Stone Quarry in an area of 1.291 ha. (19,600 Cum per annum) (Khasra No. 218/2, 219, 220), Village - Bhatpura Brahman, Tehsil - Murar, Dist. Gwalior (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 218/2, 219, 220), Village - Bhatpura Brahman,

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Tehsil - Murar, Dist. Gwalior (MP) 1.291 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 03/11/22 को परियोजना प्रस्तावक श्रीमती रेनू सिंघल (ऑनलाईन) और उनकी ओर पर्यावरण सलाहकार श्री अमर सिंह यादव, मेसर्स एसीरिज इंवायरोटेक इंडिया प्रा.लि., नोयडा, उ.प्र. उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खनिज शाखा) एकल प्रमाण-पत्र क्रमांक 11621 दिनांक 13/09/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में 01 अन्य खदान स्वीकृत/संचालित होने की जानकारी दी गई है, जिनका कुल रकबा 2.336 हे. होता है, इस प्रकार प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार खदान के दक्षिण भाग में लगभग 200 मीटर पर कच्चा रोड़, उत्तर दिशा में 540 मीटर पर पक्का रोड़ तथा 550 मीटर पर आबादी है। प्रकरण के परीक्षण में पाया गया कि आवंटित क्षेत्र बीच से खुदा हुआ है जिसमें पानी भरा हुआ है, जिसके संदर्भ में परियोजना प्रस्तावक ने बताया कि यह पुराना गड्ढा है, जो उनको स्वीकृत होने के पूर्व से ही निर्मित है। इसी प्रकार खदान के पास में दक्षिण दिशा में एक अन्य स्थिति है जो गूगल इमेज अनुसार 2012 से है। प्रकरण के परीक्षण में पाया गया कि आवंटित खनन क्षेत्र में 24 पेड़ लगे हैं, जिसमें से परियोजना प्रस्तावक के अनुसार 10 काटे जायेंगे तथा उसके एवज में 100 अतिरिक्त पेड़ लगाये जायेंगे। परियोजना प्रस्तावक ने बताया कि जिला सर्वेक्षण रिपोर्ट रायसेन में इस खदान का विवरण दर्ज नहीं है किंतु कार्यालय कलेक्टर (खनिज शाखा) जिला रायसेन के पत्र क्रमांक 11621 दिनांक 13/09/22 के माध्यम से सूचित किया है कि नवीन जिला सर्वेक्षण रिपोर्ट में उक्त खदान का नाम जोड़ दिया जायेगा। इस संदर्भ में परियोजना प्रस्तावक ने बताया कि राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकारण मध्यप्रदेश द्वारा एक अन्य प्रकरण में 739वीं बैठक दिनांक 29/07/22 (9261/2022 – जारी पत्र क्रमांक 1306 दिनांक 04/08/22) निर्णय लिया है कि :-

“राज्य स्तरीय समाघात निर्धारण प्राधिकरण द्वारा प्रकरण में विस्तृत चर्चा एवं परीक्षण उपरांत निम्नानुसार निर्णय लिया गया – चूंकि प्रकरण से संबंधित जिले की नवीन जिला सर्वेक्षण रिपोर्ट सेक की अनुशंसा पर सिया द्वारा अनुमोदित की गई है जो कि 05 वर्ष के लिए वैध है एवं जिला स्तर पर नवीन खदानों की स्वीकृति की निरंतर प्रक्रिया होती है अतः ऐसे जिले जिनकी जिला सर्वेक्षण रिपोर्ट अनुमोदित की जा चुकी है उनके द्वारा बाद में स्वीकृत प्रकरणों में जो कि पूर्व में जिला सर्वेक्षण रिपोर्ट में सम्मिलित नहीं किए गए हैं, उन प्रकरणों में पर्यावरणीय संवेदनशीलता के दृष्टिगत परीक्षण कर पर्यावरणीय स्वीकृति हेतु सिया को अनुशंसित किये जाना उचित होगा। पूर्व पर्यावरण अनापत्ति अनुमोदित होने पर संबंधित जिला खनिज अधिकारी द्वारा अधिसूचना में निहित निर्धारित प्रक्रिया के अनुरूप समावेश कर जिला पोर्टल पर अपलोड कर सिया एवं सेक को सूचित किया जाये”।

समिति ने चर्चा उपरांत निर्णय लिया कि राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकारण मध्यप्रदेश की 739वीं बैठक दिनांक 29/07/22 (प्रकरण में 9261/2022 – जारी पत्र क्रमांक 1306 दिनांक 04/08/22) में लिए गए निर्णय के परिप्रेक्ष्य में इस प्रकरण को भी पर्यावरणीय संवेदनशीलता के दृष्टिगत परीक्षण कर पर्यावरणीय स्वीकृति हेतु सिया को अनुशंसित किया जाये। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टैण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 19,600 मी³ प्रति वर्ष।

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2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 10.07 लाख एवं रिक्रिंग राशि रु. 04.66 लाख प्रति वर्ष ।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 0.60 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जाये :-

सी.ई.आर. मद से प्रस्तावित गतिविधि	राशि (रु. में)
ग्राम भट्टपुरा ब्रह्मण के प्राथमिक स्वास्थ्य केंद्र में आवश्यकता अनुसार समग्री का वितरण किया जायेगा ।	60,000 /—
योग	60,000 /—

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत् सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 1650 वृक्षों का वृक्षारोपण :-

कं.	प्रस्तावित वृक्षारोपण हेतु नियत स्थान	पौधों की प्रजातियाँ	मात्रा (संख्या में)
1	बैरियर जोन	सिस्सू, नीम, खमैर, चिरौल, बरगद, सीताफल, करंज एवं अन्य स्थानीय प्रजातियाँ ।	500
2	परिवहन मार्ग (न्यूनतम ऊँचाई 1 मीटर)	शीशम, अमलतास, जामुन, करंज, एवं अन्य स्थानीय प्रजातियाँ, ।	200
3	ग्रामपंचायत भट्टपुरा ब्रह्मण के ग्रामवासियों को वितरण हेत	आवंला, अमरुद, जामुन, इमली, आम, फलदार प्रजातियाँ, ।	830
4.	लीज एरिया के समीप चारागाह के विकास के लिए	अंजन, सिंबोपोगोन, भौंस कंधी, छोटी कंधी, ट्राईएन्ड्रा, स्थानीय बारहमासी चारा की प्रजातियाँ ।	100
कुल			1650

13. **Case No 8659/2021 Shri Vijay S/o Shri Kishor Kumar Jaiswal, 3, Bhoj Mohalla, Dist. Indore, MP Ammendment in Environment Clearance for Stone Quarry and M-Sand in an area of 4.0 ha. (Stone - 30000 cum per annum and M-Sand- 30,000 cum per annum) (Khasra No. 2480, 2526, 2527, 2541, 2542, 2543, 2552, 2553, 2547, 2548, 2549, 2550, 2551), Village - Kampel, Tehsil - Khudel, Dist. Indore (MP)**

This is case of Stone Quarry and M-Sand Plant. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 2480, 2526, 2527, 2541, 2542,

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2543, 2552, 2553, 2547, 2548, 2549, 2550, 2551), Village - Kampel, Tehsil - Khudel, Dist. Indore (MP) 4.0 Ha. The project requires ammendment in EC.

परियोजना प्रस्तावक ने पर्यावरणीय अभिस्वीकृति में संशोधन बावत् फार्म-4 ऑन लाईन प्रस्तुत किया है जिसमें पूर्व में दिनांक 23/5/22 को जारी पर्यावरणीय स्वीकृति उत्पादन क्षमता स्टोन –60,000 मी.³ प्रति वर्ष एवं मुरुम- 3648 मी.³ प्रति वर्ष के स्थान पर संशोधित उत्पादन क्षमता स्टोन –30,000 मी.³ प्रति वर्ष, एम सेंड –30,000 मी.³ प्रति वर्ष हेतु अनुरोध किया है ।

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प्रकरण में परीक्षण में पाया गया कि आवेदक ने निर्धारित प्रपत्र फार्म-4 में कुछ जानकारीयों अपूर्ण है जिसमें सुधार किया जाना आवश्यक है । समिति ने परियोजना प्रस्तावक को निम्नानुसार पुनरीक्षित फार्म-4 एवं जानकारीयों प्रस्तुत करने के निर्देश दिये गये ताकि प्रकरण पर निर्णय लिया जा सके :-

1. फार्म-4 के सरल क्रमांक-8 पर Production Quantity as as per the approved EC Stone – 30,000 m³/year, M-Sand – 30,000 m³/year & Murrum - 3684 m³/year. दिया गया है जो जारी पर्यावरणीय स्वीकृति अनुसार नहीं है, अतः परियोजना प्रस्तावक द्वारा फार्म-4 के सरल क्रमांक-8 उत्पादन क्षमता पत्थर-60,000 घनमीटर/वर्ष एवं मुरुम-3684 घनमीटर/ वर्ष हेतु पुनरीक्षित फार्म-4 प्रस्तुत करें ।
2. फार्म-4 के सरल क्रमांक-9 पर Details of Configuration में एम-सेंड/केशर प्लांट का विवरण नहीं दिया गया है अतः इसको शामिल कर पुनरीक्षित फार्म-4 प्रस्तुत करें ।
3. फार्म-4 के सरल क्रमांक-7 एवं 11 पर पर्यावरणीय स्वीकृति में आवश्यक संशोधन का विवरण स्पष्ट नहीं किया गया है, अतः परियोजना प्रस्तावक फार्म-4 के सरल क्रमांक-7 एवं 11 में आवश्यक संशोधन/क्षमता का उल्लेख करते हुए पुनरीक्षित फार्म-4 प्रस्तुत करें ।
4. फार्म-4 के सरल क्रमांक-12 पर Details of EIA Consultant में पर्यावरणीय सलाहकार को नहीं लिया जाना बताया गया है किंतु फार्म-4 के सरल क्रमांक-13-ए के साथ संलग्न दस्तावेज/शपथ-पत्र में पर्यावरणीय सलाहकार मेसर्स ग्रीन सर्कल आईएनसी., बड़ौदरा, गुजरात का नाम दिया है अतः इसके संदर्भ में स्पष्टीकरण तथा पुनरीक्षित फार्म-4 प्रस्तुत करें ।

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5. पूर्व की पर्यावरणीय अभिस्वीकृति दिनांक 23/5/22 को जारी हो गई थी । तत्पश्चात् पर्यावरणीय संरक्षण एवं सीईआर के तहत किए गए कार्यों का व्यौरा दस्तावेजी प्रमाण के साथ प्रस्तुत करें ।
6. अनुमोदित नवीन जिला सर्वेक्षण रिपोर्ट की प्रति, जिसमें इस खदान का विवरण दर्ज हो ।
7. पर्यावरणीय अभिस्वीकृति दिनांक 23/5/22 के संदर्भ में मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड से प्राप्त सी.टी.ई. की जानकारी प्रस्तुत करें, क्योंकि फार्म-4 के सरल क्रमांक-06-1 में सी.टी.ओ. की जानकारी में "नो" लिखा है । यदि अभी तक सी.टी.ई./सी.टी.ओ. प्राप्त नहीं करने का कारण स्पष्ट करें ।

14. Case No 7908/2020 M/s S.R.S.Star Mining Industries Pvt. Ltd, 46, SHanti Vihar Colony, Dist. Gwalior, MP - 474011 Ammendment in Environment Clearance for Stone Quarry in an area of 4.90 ha. (200020 cum per annum) (Khasra No. 2351, 2352, 2353), Village - Kathwahaji, Tehsil - Gohad, Dist. Bhind (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed (Khasra No. 2351, 2352, 2353), Village - Kathwahaji, Tehsil - Gohad, Dist. Bhind (MP) 4.90 ha. The project requires amendment in EC.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Pramanpatra) letter no. 1037 dated: 03/11/20 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant in 468th SEAC meeting dated 02/12/20 wherein it was observed by the committee that it's a case of Stone mining. During presentation it was observed by committee that a road is in exist ace at a distance of 160 meters. The proposed depth of mining is approx. 33 meters for which PP shall provide commitment that available space approx. 29,000 sq. meters is sufficient for deployment of manpower and machinery. After presentation the committee asked to submit following details:

- Commitment of PP that available space approx. 29,000 sq. meters is sufficient for deployment of manpower and machinery.
- Top soil management plan.
- Commitment of PP for transportation of mineral with 40 ton capacity trucks to reduce the number of trips.

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PP has submitted the response of above quarries same date vide letter dated 12.12.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 2,00,020 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 16.31 Lakh as capital and Rs 10.98 Lakh/year as recurring are proposed by PP.

परियोजना प्रस्तावक ने पर्यावरणीय अभिस्वीकृति में संशोधन बावत् फार्म-4 ऑन लाईन प्रस्तुत किया है जिसमें पूर्व में दिनांक 06/01/21 को जारी पर्यावरणीय स्वीकृति में पिट की गहराई (Depth of Pit) 20 मीटर के स्थान पर अनुमोदित खनन योजना अनुसार करने का अनुरोध किया गया है ।

आज दिनांक 03/11/22 को परियोजना प्रस्तावक श्री रामनिवास शर्मा (ऑनलाईन) और उनकी ओर से पर्यावरण सलाहकार श्री अमर सिंह यादव, मेसर्स एसीरिज इवायरोटेक इंडिया प्रा.लि., नोयडा, उ.प्र. उपस्थित हुए। प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने बताया कि दिनांक 06/01/21 को जारी पर्यावरणीय अभिस्वीकृति में पिट की गहराई 20 मीटर तक प्रतिबंधित की गई है जबकि अनुमोदित माइन प्लान में पिट की गहराई 50 मीटर तक अनुमोदित है । अतः वे पिट की गहराई स्वीकृत खनन योजना के अनुरूप करने बावत् फार्म-4 में संशोधन बावत् आवेदन किया गया है ।

प्रकरण में परीक्षण में पाया गया कि आवेदक ने निर्धारित प्रपत्र फार्म-4 में सरल क्रमांक-06-1 की जानकारी अपूर्ण है, अतः समिति ने परियोजना प्रस्तावक को निम्नानुसार पुनरीक्षित फार्म-4 एवं जानकारी प्रस्तुत करने के निर्देश दिये गये ताकि प्रकरण पर निर्णय लिया जा सके :-

1. पूर्व की पर्यावरणीय अभिस्वीकृति दिनांक 23/5/22 को जारी हो गई थी । तत्पश्चात् पर्यावरणीय संरक्षण एवं सीईआर के तहत किए गए कार्यों का व्यौरा दस्तावेजी प्रमाण के साथ प्रस्तुत करें ।
2. पर्यावरणीय अभिस्वीकृति दिनांक 06/01/21 के परिपालन में नियमानुसार प्रस्तुत छःमाही प्रतिवेदन की प्रति, क्योंकि सिया की बेवसाइट पर परियोजना प्रस्ताक द्वारा प्रस्तुत छःमाही पालन प्रतिवेदन का विवरण दर्ज नहीं है ।
3. पर्यावरणीय अभिस्वीकृति दिनांक 06/01/21 के संदर्भ में मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड से प्राप्त सी.टी.ई./सी.टी.ओ. की जानकारी प्रस्तुत करें, क्योंकि फार्म-4 के सरल क्रमांक-06-1 में सी.टी.ओ. की जानकारी में "नो" लिखा है । यदि अभी तक सी.टी.ई./सी.टी.ओ. प्राप्त नहीं करने का कारण स्पष्ट करें ।

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15. Case No. – 6639/2019 M/s Om Granite, House No. 1, Didwara, Tehsil - Lavkushnagar, Dist. Chhatarpur, MP Ammendment in Environment Clearance for Stone and M-Sand Mine in an area of 3.20 ha. (1,50,000 cum per annum) (Khasra No. 1881), Village - Mudhara, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Stone Mining and M-Sand plant. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1881), Village - Mudhara, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.20 Ha. The project requires amendment in EC.

परियोजना प्रस्तावक ने पर्यावरणीय अभिस्वीकृति में संशोधन बावत् फार्म-4 ऑन लाईन प्रस्तुत किया है जिसमें पूर्व में जारी दिनांक 19/10/20 को जारी पर्यावरणीय स्वीकृति उत्पादन क्षमता स्टोन –2,50,000 मी.³ प्रति वर्ष के स्थान पर संशोधित उत्पादन क्षमता स्टोन व एम सेंड –1,50,000 मी.³ प्रति वर्ष हेतु अनुरोध किया है ।

आज दिनांक 03/11/22 को परियोजना प्रस्तावक श्री संजय जोशी (ऑनलाईन) और उनकी ओर पर्यावरण सलाहकार श्री सोनकर, मेसर्स एफ.ई.सी.सी.एम., भोपाल उपस्थित हुए।

प्रकरण के परीक्षण में पाया गया कि ऑनलाईन प्रस्तुत शपथ-पत्र में परियोजना प्रस्तावक ने यह सूचित किया है कि कार्यालय कलेक्टर खनिज शाखा, छतरपुर द्वारा पत्र क्रमांक 1640 दिनांक 13/05/21 के माध्यम से खनिज गिट्टी पत्थर के साथ एम सेंड उत्खनन हेतु अनुमति जारी की गई है तथा संशोधित खनन योजना का अनुमोदन संचालनालय भौमिकी तथा खनिकर्म, जबलपुर के पत्र क्रमांक 1349 दिनांक 11/04/22 के माध्यम से किया गया है। परियोजना प्रस्तावक ने उत्पादन क्षमता स्टोन –2,50,000 मी.³ प्रति वर्ष के स्थान पर उत्पादन क्षमता स्टोन, बोल्टर एवं एम सेंड –1,50,000 मी.³ प्रति वर्ष हेतु संशोधन करने का अनुरोध किया है ।

प्रकरण में परीक्षण में पाया गया कि आवेदक ने निर्धारित प्रपत्र फार्म-4 में कुछ जानकारी गलत भरी है जिसमें सुधार किया जाना आवश्यक है । समिति ने परियोजना प्रस्तावक को निम्नानुसार पुनरीक्षित फार्म-4 प्रस्तुत करने के निर्देश दिये गये ताकि प्रकरण पर निर्णय लिया जा सके :-

1. फार्म-4 के सरल क्रमांक-9 पर Details of Configuration में एम-सेंड/केशर प्लांट का विवरण नहीं दिया गया है अतः इसको शामिल कर पुनरीक्षित फार्म-4 प्रस्तुत करें ।
2. फार्म-4 के सरल क्रमांक-7 पर पर्यावरणीय स्वीकृति में आवश्यक संशोधन का विवरण अस्पष्ट एवं विरोधाभासी है, क्योंकि फार्म-4 के सरल क्रमांक-11 में यह उल्लेखित है कि उत्पादन क्षमता स्टोन –2,50,000 मी.³ प्रति वर्ष के स्थान पर उत्पादन क्षमता स्टोन, बोल्टर एवं एम सेंड –1,50,000 मी.³ प्रति वर्ष हेतु संशोधन चाहा गया है, जबकि सरल क्रमांक-7 पर “the change in EC title. There is no any change in configuration or capacity” अंकित है, अतः पुनरीक्षित फार्म-4 प्रस्तुत करें ।

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3. फार्म-4 के सरल क्रमांक-12 पर Details of EIA Consultant में पर्यावरणीय सलाहकार को नहीं लिया जाना बताया गया है किंतु फार्म-4 के सरल क्रमांक-13-ए के साथ संलग्न दस्तावेज में पर्यावरणीय सलाहकार मेसर्स मेसर्स एफ.ई.सी.सी.एम., भोपाल का नाम दिया है अतः इसके संदर्भ में स्पष्टीकरण तथा पुनरीक्षित फार्म-4 प्रस्तुत करें ।
4. पूर्व की पर्यावरणीय अभिस्वीकृति दिनांक 23/5/22 को जारी हो गई थी । तत्पश्चात् पर्यावरणीय संरक्षण एवं सीईआर के तहत किए गए कार्यों का व्यौरा दस्तावेजी प्रमाण के साथ प्रस्तुत करें ।
5. पर्यावरणीय अभिस्वीकृति दिनांक 19/10/20 के संदर्भ में फार्म-4 के सरल क्रमांक-6 Details of Consent to Operate में मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड से प्राप्त सी.टी.ओ. में उल्लेखित क्षमता माईनिंग आफ स्टोन बोल्डर-2,75,000 घनमीटर/वर्ष प्राप्त की है जो फार्म-4 के सरल क्रमांक-5 Details of Environmental Clearance में पर्यावरणीय अभिस्वीकृति में स्वीकृत उत्पादन क्षमता- स्टोन-2,50,000 घनमीटर/वर्ष से अधिक है, अतः इसका कारण स्पष्ट करें ।

(ए.ए. मिश्रा)
सदस्य सचिव

(डॉ. पी.सी. दुबे)
अध्यक्ष

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Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
12. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
13. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
14. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
15. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
16. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.

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21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
24. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
25. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, a separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (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".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.) with latitude and longitude.
 - c. Length, breadth and sanctioned depth of mine.
 - d. Sanctioned Production capacity of the project as per EC and Consent of MPPCB.
 - e. Method of mining (Manual/Semi Mechanised) and Blasting or Non-blasting.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme and along the fencing seed sowing of Neem, Babool, Safed Castor etc shall also be carried out.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.

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35. Adequate provisions of water for irrigating plantation shall be made by PP.
36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

37. खदान क्षेत्र में किये जाने वाले वृक्षारोपण हेतु निर्देश।

नोट 1 :- स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए।

नोट 2 :- विषय विशेषज्ञ, उक्त विषय में रुचि रखने वाले स्थानीय जानकारों से राय ली जाने की सलाह है।

नोट 3 :- पौधों की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख-रेख, मृदा नमी को बनाये रखने हेतु जल-संरचनाओं का निर्माण, निदाई-गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए।

नोट 4 :- पौधों की ऊँचाई/गोलाई -

नोट 5 :- भू-क्षरण स्थल पाये जाने पर भू-संरक्षण का कार्य किया जाना चाहिए।

नोट 6 :- रोपित पौधों का मापदंड एवं अन्य कार्य

क्र.	स्थल	ऊँचाई न्यूनतम	गोलाई न्यूनतम
1.	बैरियर जोन/नॉन माईनिंग क्षेत्र	02.5 फिट	03 से. मी.
2.	रोड साईड/स्कूल/ ऑगनवाडी	03.5 फिट	05 से.मी.
3.	पौधों के चारों ओर निदाई-गुड़ाई, थाला (1.5 मी.गोलाई में) बनाना तीन वर्षों तक।		
4.	आवश्यकतानुसार सिंचाई।		

नोट 7 :- बीज बुआई एवं अंकुरण पश्चात् देख-रेख -

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई पश्चात् वर्ष पूर्ण बीज रोपण। जामुन, महुआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् ही रोपण।
- बीज रोपण पश्चात् अंकुरण एवं 4 से 6 पत्तियाँ आने पर, पौधे के चारों तरफ निदाई-गुड़ाई एवं सड़ी गोबर की खाद डालना।
- बीज रोपण तीन वर्षों तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना।
- सीड-बाल विधि से भी बीज रोपण किया जा सकता है।

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys with GPS which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream

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side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.

8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights. All these facilities such as rest shelters, site office etc. Shall be removed from site after the expiry of the lease period.
18. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020 and these details should be provided in Annual Environmental Statement.
19. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
21. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
24. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (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".
28. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - f. Lease owner's Name, Contact details etc.

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- g. Mining Lease area of the project (in ha.) with latitude and longitude.
 - h. Length, breadth and sanctioned depth of mine.
 - i. Minable Potential of sand mine.
 - j. Sanctioned Production capacity of the project as per EC and Consent of MPPCB.
 - k. Method of mining (Manual/Semi Mechanised)
30. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
- i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.
 - ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
 - iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
 - iv. The sand quarrying shall not be carried out blow the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
 - v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
 - vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
 - vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
 - viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
 - ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.
31. Species such as Khus Slips and Nagar Motha shall be planted on the river banks for bank stabilization and to check soil erosion while on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Adequate provisions of water for irrigating plantation shall be made by PP.
36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.
38. खदान क्षेत्र में किये जाने वाले वृक्षारोपण हेतु निर्देश।

नोट 1 :- स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए।

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- नोट 2 :-** विषय विशेषज्ञ, उक्त विषय में रुचि रखने वाले स्थानीय जानकारों से राय ली जाने की सलाह है ।
- नोट 3 :-** पौधों की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख-रेख, मृदा नमी को बनाये रखने हेतु जल-संरचनाओं का निर्माण, निदाई-गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए ।
- नोट 4 :-** पौधों की ऊँचाई/गोलाई –
- नोट 5 :-** भू-क्षरण स्थल पाये जाने पर भू-संरक्षण का कार्य किया जाना चाहिए ।
- नोट 6 :-** रोपित पौधों का मापदंड एवं अन्य कार्य

क्र.	स्थल	ऊँचाई न्यूनतम्	गोलाई न्यूनतम्
1.	बैरियर जोन/नॉन माईनिंग क्षेत्र	02.5 फिट	03 से. मी.
2.	रोड़ साईड/स्कूल/ ऑगनवाडी	03.5 फिट	05 से.मी.
3.	पौधों के चारों ओर निदाई-गुड़ाई, थाला (1.5 मी.गोलाई में) बनाना तीन वर्षों तक ।		
4.	आवश्यकतानुसार सिंचाई ।		

नोट 7 :- बीज बुआई एवं अंकुरण पश्चात् देख-रेख –

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई पश्चात् वर्ष पूर्ण बीज रोपण। जामुन, महुआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् ही रोपण ।
- बीज रोपण पश्चात् अंकुरण एवं 4 से 6 पत्तियाँ आने पर, पौधे के चारों तरफ निदाई-गुड़ाई एवं सड़ी गोबर की खाद डालना ।
- बीज रोपण तीन वर्षों तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना ।
- सीड-बाल विधि से भी बीज रोपण किया जा सकता है ।

Annexure- 'C'

Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain

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- a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
 15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
 16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
 17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
 19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
 20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
 21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
 22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
 23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
 24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (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".
 25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
 26. A display board with following details of the project is mandatory at the entry to the mine.
 - l. Lease owner's Name, Contact details etc.
 - m. Mining Lease area of the project (in ha.) with latitude and longitude.
 - n. Length, breadth and sanctioned depth of mine.
 - o. Minable Potential of sand mine.
 - p. Sanctioned Production capacity of the project as per EC and Consent of MPPCB.
 - q. Method of mining (Manual/Semi Mechanised)
 27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.

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29. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme.
30. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
31. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
33. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Anganwadi premises.
34. Adequate provisions of water for irrigating plantation shall be made by PP.
35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.
36. खदान क्षेत्र में किये जाने वाले वृक्षारोपण हेतु निर्देश।

नोट 1 :- स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए।

नोट 2 :- विषय विशेषज्ञ, उक्त विषय में रुचि रखने वाले स्थानीय जानकारों से राय ली जाने की सलाह है।

नोट 3 :- पौधों की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख-रेख, मृदा नमी को बनाये रखने हेतु जल-संरचनाओं का निर्माण, निदाई-गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए।

नोट 4 :- पौधों की ऊँचाई/गोलाई -

नोट 5 :- भू-क्षरण स्थल पाये जाने पर भू-संरक्षण का कार्य किया जाना चाहिए।

नोट 6 :- रोपित पौधों का मापदंड एवं अन्य कार्य

क्र.	स्थल	ऊँचाई न्यूनतम	गोलाई न्यूनतम
1.	बैरियर जोन/नॉन माइनिंग क्षेत्र	02.5 फिट	03 से. मी.
2.	रोड साइड/स्कूल/ ऑगनवाडी	03.5 फिट	05 से.मी.
3.	पौधों के चारों ओर निदाई-गुड़ाई, थाला (1.5 मी.गोलाई में) बनाना तीन वर्षों तक।		
4.	आवश्यकतानुसार सिंचाई।		

नोट 7 :- बीज बुआई एवं अंकुरण पश्चात् देख-रेख -

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई पश्चात् वर्ष पूर्ण बीज रोपण। जामुन, महुआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् ही रोपण।
- बीज रोपण पश्चात् अंकुरण एवं 4 से 6 पत्तियाँ आने पर, पौधे के चारों तरफ निदाई-गुड़ाई एवं सड़ी गोबर की खाद डालना।
- बीज रोपण तीन वर्षों तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना।

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- सीड-बाल विधि से भी बीज रोपण किया जा सकता है।

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.

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24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (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" with EIA report.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna .
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The under taking interalia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter-alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
33. Under CER scheme commitments with physical targets shall be included in EIA report for:
 - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
 - ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.

602वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक दिनांक 03 नवम्बर 2022

- ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
 - ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
 - ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.
 - ✓ Adequate provisions of water for irrigating plantation shall be made by PP.
35. खदान क्षेत्र में किये जाने वाले वृक्षारोपण हेतु निर्देश।

- नोट 1 :-** स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए।
- नोट 2 :-** विषय विशेषज्ञ, उक्त विषय में रुचि रखने वाले स्थानीय जानकारों से राय ली जाने की सलाह है।
- नोट 3 :-** पौधों की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख-रेख, मृदा नमी को बनाये रखने हेतु जल-संरचनाओं का निर्माण, निदाई-गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए।
- नोट 4 :-** पौधों की ऊँचाई/गोलाई -
- नोट 5 :-** भू-क्षरण स्थल पाये जाने पर भू-संरक्षण का कार्य किया जाना चाहिए।
- नोट 6 :-** रोपित पौधों का मापदंड एवं अन्य कार्य

क्र.	स्थल	ऊँचाई न्यूनतम	गोलाई न्यूनतम
1.	बैरियर जोन/नॉन माईनिंग क्षेत्र	02.5 फिट	03 से. मी.
2.	रोड़ साईड/स्कूल/ ऑगनवाडी	03.5 फिट	05 से.मी.
3.	पौधों के चारों ओर निदाई-गुड़ाई, थाला (1.5 मी.गोलाई में) बनाना तीन वर्षों तक।		
4.	आवश्यकतानुसार सिंचाई।		

नोट 7 :- बीज बुआई एवं अंकुरण पश्चात् देख-रेख -

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई पश्चात् वर्ष पूर्ण बीज रोपण। जामुन, महुआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् ही रोपण।
- बीज रोपण पश्चात् अंकुरण एवं 4 से 6 पत्तियाँ आने पर, पौधे के चारों तरफ निदाई-गुड़ाई एवं सड़ी गोबर की खाद डालना।
- बीज रोपण तीन वर्षों तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना।
- सीड-बाल विधि से भी बीज रोपण किया जा सकता है।

FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA, following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.

36. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
37. Detailed analysis of availability and quality of the drinking water resources available in the block.
38. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
39. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained