The 516th meeting of the State Level Environment Impact Assessment Authority was convened on 20.12.2018 at the Authority's Office in Environmental Planning and Co-Ordination Organization (EPCO), Paryavaran Parisar, Bhopal. The meeting was chaired by Shri Rakesh K. Shrivastava, Chairman, SEIAA. The following members attended the meeting:-

1 Shri R.K. Sharma

Member

2. Shri Jitendra Singh Raje

Member Secretary

A. Following other than mining cases and mining cases have been considered:-

S.No.	Case No.	Category	No. & date of latest SEAC & SEIAA meeting
1.	5767/2018	5 (f)	335 SEAC meeting dated 01.12.18.
2.	5542/2017	7(da)	329 SEAC meeting dated 23.10.18
3.	5734/2018	1(c)	335 SEAC meeting dated 01.12.18.
4.	5744/2018	1(a)	335 SEAC meeting dated 01.12.18.
5.	5241/2016	1(a)	332 SEAC meeting dated 26.10.18.
6.	5549/2017	1(c)	509 SEIAA meeting dated 16.11.18
7.	5551/2017	1(c)	509 SEIAA meeting dated 16.11.18
8.	3976/2015	1(a)	Extension of ToR validity
9.	4337/2015	1(a)	EC Transfer
10.	4373/2015	1(a)	EC Transfer

- Case No. 5767/2018: Prior Environment Clearance for Synthetic Organic Chemicals Industry, Production Capacity of LABSA (90%) 500 MTMP, Spent Sulhuric Acid (Dil. Acid Slurry, 70-80 %) - 495 MTPM & Detergent Soap Liquid 25 MTPM Ferric Alum 250 MTPM at Plot No. 51/2/1, 52/1/1, Gram Kajipalasia, Nemawar Main Road, Indore,MP; Land area:6310 sq.m. by Owner, Mr. Girish Khandelwal Plot No. 51/2/1, 52/1/1, Gram Kajipalasia, Nemawar Main Road, Indore, MP - 452003 Mob: 9537706765 E-mail – girisgnishitk@gmail.com Env.
 - The proposed Manufacturing project of Linear Alkyl Benzene Sulphonic Acid (90% LABSA), Liquid Soap Manufacturing and Ferric Alum is planning having capacity of 20 TPD at Plot No. at Plot No. 51/2/1, 52/1/1, Gram Kajipalasia, Nemawar Main road, Indore
 - 2. This is a backward integration due to proposed manufacturing of LABSA slurry. LABSA will be used for captive consumption as an in-house "Detergent Soap Liquid Manufacturing (Non-EC Product)" as well as sell to various Detergent manufacturing units for detergent powder, detergent cake, liquid scouring powder or paste. The bottom layer, which is Spent Sulphuric acid shall be used in Manufacturing of Ferric Alum and will sell to Fertilizer Industries for SSP manufacturing Industries.
 - 3. The proposed project with product and production capacity as follows:-

S.No.	Name of Product	Quantity (MTPM)
1.	Detergent Soap Liquid (Non-EC Product)	25.0
	Ferric Alum (Non-EC Product)	250
2.	Linear Alkyl Benzene Sulphonic Acid (LABSA) (EC Product)	500
By Pro	oduct	
1.	Dil. Sulphuric Acid (70-80%)	495
1.	by La Bestarme	R

(Jitendra Singh Raje) Member Secretary

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- 4. The Linear Alkyl Benzene Sulphonic Acid (LABSA) manufacturing activity is covered under 5 (f) category B of the MoEF, Gol EIA Notification, 2006 and its amendments. Project Falls under Category B2 as per the MoEF & CC OM vide J-13012/12/2013-IA.II (I) dated 24th December 2013 and its amendment/ continuation of circular dated: 13th February 2018 vide circular no- F. No. 22-76/2017-IA.III.
- 5. There is no interstate boundary within 05 km and no National park, Sanctuary and Eco-sensitive areas within 05 km of the project area hence General condition are not attracted.
- The case was discussed in SEAC meetings 332nd dtd. 26.10.18 and 335th dtd. 01.12.18 is recommended for grant of prior EC subject to 37 special conditions.
- The case was discussed in 510th SEIAA meeting dtd.12.12 2018 and decided to call PP for presentation.
- 8. After deliberations by PP the case was discussed in depth & it is noted that:-
 - The total land area of the project is 6310 sq.m, PP has submitted sale deed dtd 16.02.12 and MOU registration copy for Trading Buisness.
 - ii. PP has proposed that the raw materials obtained from traders and distributor from the local market mainly from Reliance Industries, IOCL & IPCL. Raw materials and finished good transported by road ways.
- iii. PP submitted that 02 tanks are proposed for storage of sulphuric acid out of which one is standby. The material will be stored in storage tank with protected vent. Foam will be available to fight hydrocarbon fire. Flameproof equipments will be used in the tank farm area.
- iv. Total water requirement (industrial + domestic + greenbelt) will be tuned around 10.1 KLD, of which 9.1 KLD will be freshwater demand and 1.0 KLD will be met from recycled water. Total water requirement for industrial purpose (process and cooling) will be 4.1 KLD. Water usage for domestic purpose and greenbelt will be 1.5 KLD and 4.5 KLD, respectively. Water requirement will be satisfied through Municipal Corporation routed through Industrial Developer.
- v. Domestic wastewater will be disposed to soak pit. Generated bleed off of cooling tower will be utilized for process input. Diluted Sulphuric Acid (70-80%) will be produced as by-product in LABSA production. The spent Sulphuric Acid shall be used in in-house Liquid Soap Manufacturing, Ferric Alum and shall be sold to outside for Fertilizer Industries as well as Liquid soap Manufacturers.
- vi. The source of solid waste/hazardous waste generation will be used oil, discarded drum / containers which will be handled & disposed as per the Hazardous & other Waste (Management & Transboundary Movement) Rules, 2016.
- vii. Used lubricating oil will reused as lubricating oil in pumps and gear box and in case of excess, will be sent to registered re-refiners. Discarded drums/containers will be sold to approved recyclers.
- viii. There will be no process gas emission. The source of flue gas emission will be from the stand by D.G. set of 150 kVA where HSD will be used as fuel. Most probable pollutants from D.G. set stack will be SPM, SO2, and NOx Adequate

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(Rakesh K. Sh

stack height will be provided to control & disperse the air pollutants within the satisfactory levels and facility for sampling such as ladder and sampling point will be provided.

- ix. The power requirement for the project is 50 KVA, Sourced from MPPCL. Stand by D.G. set: 150 kVA (HSD: 50 ltr/hr)
- x. PP has included Disaster Management plan in the EMP Report. For firefighting measure PP has provided Fire extinguishers and Fire Hydrants at project site.
- xi. PP has proposed the rain water from the building roof will be directed through the drainage to the covered storm water drainage line. All drainage system will be concreted lined and located along the roads up to rain water harvesting pit. Roof top rain water will be collected in tanks and reused after filtration as per requirements.
- xii. As part of CSR activity PP has proposed to provide drinking water; sanitation facilities to villagers; Contribution towards primary health services depending on local needs, Public health and family welfare, Rural infrastructure development by construction of rainwater harvesting ponds, check dams etc.& greenbelt development in and around the project site.

xiii. PP has proposed green area of 2082 sq.m. (33% of the total plot area) with plantation of local species trees. PP has explored the possibility to develop the greenbelt in areas available outside the plant premises.

It is decided to accept the recommendations of 335th SEAC meeting dtd 01.12.2018 with 37 special conditions and accord prior Environmental Clearance to Proposed Synthetic Organic Chemicals Industry, Production Capacity of LABSA (90%) 500 MTMP, Spent Sulhuric Acid (Dil. Acid Slurry, 70-80 %) - 495 MTPM & Detergent Soap Liquid 25 MTPM Ferric Alum 250 MTPM at Plot No. 51/2/1, 52/1/1, Gram Kajipalasia, Nemawar Main Road, Indore, MP; Land area:6310 sq.m. by Owner, Mr. Girish Khandelwal Plot No. 51/2/1, 52/1/1, Gram Kajipalasia, Nemawar Main Road, Indore, MP - 452003 subject to all specific conditions imposed by SEIAA in its meetings.

- PP should ensure to water supply from Municipal Corporation through industrial developed and there shall be no extraction of ground water.
- Ensure to provide fully covered storage facility at the factory site for hazardous and 2. inflammable substances.
- Ensure the transportation of raw / finished material only by covered vehicles. 3.
- Ensure the storage and handling of all the chemicals in a proper and safe manner 4. to avoid any spillages and also to prevent runoff contamination in monsoon.
- Ensure collection & treatment of spillages, if any. 5.
- All necessary precautionary measures shall be taken to avoid any kind of accident 6. during storage and handling of hazardous chemicals.
- All the storage tanks shall be fitted with appropriate controls to avoid any leakages. 7. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals. Close handling system for chemicals shall be provided

PP should maintain zero discharge from the Industry. 8.

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(Rakesh K Chairman

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- 9. Industrial effluent generation shall be completely evaporated with help of Evaporator so as to achieve zero discharge.
- 10. There shall be no industrial effluent discharge from the unit.
- 11. The performance of air pollution control system should be regularly monitored and maintained. Regular stack monitoring & ambient air quality monitoring should be carried out as per the guidelines/norms of MPPCB/CPCB.
- 12. PP should obtain Authorization from the competent authority (TSDF, Pithampur) for disposal of hazardous wastes.
- 13. PP should obtain authorization from MPPCB for collection / treatment / storage / disposal of hazardous wastes.
- 14. PP should ensure handling, disposal and management of hazardous waste as per the related prescribed rules.
- 15. PP should ensure disposal of hazardous waste regularly through sale or in TSDF site and there should be no dumping of these materials in the premises/outside.
- 16. PP should provide RCC layer and double layered HDPE lining for primary and secondary leachate collection.
- 17. Discarded bags/liners/containers shall be either reused or sold to the registered recyclers.
- 18. Used oil shall be either reused in lubrication of the plant machineries or sold to the registered recyclers
- 19. PP should obtain approval of the Competent Authority for Health and safety, Onsite disaster management plan, Risk management plan before commencing of the project.
- 20. PP should obtain approval of the Competent Authority for Firefighting before commencing of the project.
- 21. PP should ensure plantation in three rows all along the periphery of the project area, and along the roads area subject to minimum of 33% of total plot area. PP should ensure plantation of the trees of indigenous local varieties like Neem, Peepal, Kadam, Kachnaar etc. Every effort should be made to protect the existing trees on the plot.
- 22. PP should ensure the implementation of CSR activities to the extent on regular basis in consultation with the Gram Panchayat of the respective village.
- 23. In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.
- 24. Total quantity of runoff water generated and green belt area should be collected in underground tank & used for process in plant to minimize fresh water requirement.
- Case No.5542/2017: Prior Environment Clearance for Establishing a Common Biomedical Waste Treatment Facility at Khasra no. 323/1, 323/2/1, 332/2/2 Village -Kaliyadeh, Tehsil- Ghatiya, Dist.- Ujjain (MP) Total plot area 0.554 ha (1.22 acres) Proposed Capacity - 2400 tonnes per annum by Director, M/s Hostech Eco

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Management Pvt. Ltd, 10, Yashvant Niwas Road, Indore, MP- 452001, Mob. No. 09893269299, E-mail: hostecheco@gmail.com

- The proposed project is Common Bio-medical Waste Treatment facility of Bio Medical Waste collected from the various health care establishments / unit generating bio medical wastes. Facility includes Incinerator, Autoclave, Shredder and Effluent Treatment Facility.
- 2. Biomedical waste in Ujjain region is presently managed by Hoswin Incinerator Private Limited, Indore. All the wastes generated from various health care units in the region is transported to Indore. Since there is no CBWTF in the region, the closest CBWTF Hoswin Incinerator Private Limited, Indore is providing services to HCFs in the area. Hoswin Incinerator Private Limited, Indore do not any objection to set up of proposed project and provide services in Ujjain area which is presently covered by them.PP has submitted No objection certificate from Hoswin Incinerator Private Limited, Indore.
- 3. The proposed treatment facilities at the site are, Bio Medical Waste Segregation, Autoclave, Shredding and Incineration. The project is aimed to cater the needs of the Bio Medical waste generation units in the nearby Health Care Units of Ujjain district of the state with an approximation of 6.57 tonnes per day (6575kg/day). The propsed unit set up for treatment of bio-medical waste at Ujjain covering presently 9300 beds.
- The proposed unit will be established on an existing industrial manufacturing unit which is closed since long and they have also obtained CTE from the M. P. Pollution Control Board. vide letter no. 2520/ROU/MPPCB/2012 on 25th Jan, 2012.
- The proposed facility will cater to Mandla and the surrounding districts within 150 km radius (Balaghat, Chhindwara, Dindori, Jabalpur, Katni, Narsinghpur, Seoni)
- 6. The land was purchased from the owner whose industry was earlier situated in the same land where an industrial shed, a platform and security hut is already existing. The Proponent gives undertaking that all the old structures will be utilized in the proposed facility and there will be no dismantling involved.

S.N o.	Features	Existing old Structures (Area sq.m.)	New Structures Propsed (Area sq.m.)	Total Constructed Area Proposed (Area sq.m.)
1.	Security Hut	12	0	12
2.	Workers Room	24	0	24
3.	Waste Storage Rooms	50	50	100
4.	Admin &Storage	256	0	256
5.	Incinerator Area	360	360	720
6.	Autoclave & Shredder area	40		40
7.	Parking		80	80
8.	ETP		36	36
9.	Green Area		3127	3127
10.	Road & Open area		1145	1145
_	Area	5540		5540

7. The proposed project has been designed to treat up to 2.4 tons of bio-medical waste per day with following equipments:

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SI. No.	Equipment	Capacity	Number
1	Incinerator 2.4 TPD	300 kg per hour	1
2	Autoclave 0.5 TPD	1200 litre per batch	1
3	Shredder 0.50 Ton	60-70 kg per hour	1
4	Effluent Treatment Plant	12 KLD	1

- 8. The proposed project is for setting up of common bio-medical waste treatment facility and project falls under Category "B" Projects of activity 7 (da) as per EIA Notification dated 14th September, 2006 and its subsequent amendments dated 17th April 2015, under Bio- Medical Waste Treatment Facilities.
- There is no National park / Sanctuaries, Eco-sensitive areas (DFO letter dtd 09.03.17), critically polluted areas and inter-State boundaries within 10 km of the proposed site; hence general conditions are not attracted as per EIA Notification 2006 its amendments.
- 10. The case was discussed in 289th SEAC Meeting dated 28/04/17 and issued ToR vide letter dtd. 15.05.17. The ToR was approved by SEIAA in 508th meeting dtd. 15.11.18.
- 11. EIA report submitted by PP vides letter dtd. 19.09.18 and received in SEIAA office on 20.09.18 and accordingly the case was discussed in 320th meeting dtd. 23.10.18 and is recommended for grant of prior EC subject to 54 special conditions.
- 12. The case was discussed in 510th SEIAA meeting dtd.12.12 2018 and decided to call PP for presentation.
- 13. After deliberations by PP the case was discussed in depth & it is noted that:-
 - Regarding land documents, PP has submitted sale deed dtd. 25.05.11and as per the land documents the land is the name of Director, M/s Hostech Eco Management Pvt. Ltd
 - ii. Public hearing was conducted for the proposed Common Biomedical Waste Treatment Facility at Kaliyadeh Village, Ghatiya Tehsil, Ujjain District in Madhya Pradesh on 15.06.2018 at 11.00 am at Mela Office and Ujjain Kothi Palace under thechairmanship of Additional District Collector of Ujjain. Some issues regarding air & water pollution, biological environment and health problems which were addressed by PP.
 - iii. The total water requirement for the proposed facility is 11.7 KLD the fresh water 4.31 KLD met from water tankers.
 - iv. The wastewater generation will be 110 KLD and wastewater generated will be treated in in-house ETP of capacity 12 KLD. The treated water shall be reused in APCDs, greenbelt, etc. The facility shall be developed as Zero Liquid Discharge (ZLD) system. No treated wastewater shall be let out of the premises of the proposed CBWTF. Process effluent will be re-circulated in process after proper treatment. The domestic wastewater will be collected and treated in packages STP and reused for greenbelt.

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- v. A surface water drainage line which collects and removes all surface runoff. PP has propsed proper utilization of rainwater by harvesting by appropriate rain water-harvesting mechanism. Roof water will be collected by adopting proper treatment (oil & grease trap); the collected water will be used for various uses (dust suppression, floor washings, toiler flushing, greenbelt, etc.). Based on the rainfall intensity of the plant area, storm water drainage system will be designed
- vi. Incineration ash (ash from incineration of any bio-medical waste) shall be disposed through hazardous waste treatment, storage and disposal facility (TSDF), if toxic or hazardous constituents are present beyond the prescribed limits as given in Schedule-II of the Hazardous and Other Waste Management & Trans-boundary Movement Rules or as revised from time to time. Presently no TSDF facility is available in Ujjain & the nearest TSDF facility identified is located at an aerial distance of about 71 km in SSE direction. Common Treatment, Storage and Disposal Facility of M/s Ramky Enviro Engineers Limited, Hyderabad is available at Plot no. 104, Industrial Area No. II, Pithampur District, Dhar (M.P). MoU with the company is in process.
- vii. Power requirement will be sourced from existing line of Madhya Pradesh State Electricity Board (MPSEB). In case of power failure, D.G. set will be used.
- viii. Air emission from flue gases from incinerator due to combustion of biomedical waste, SO₂/NO₂ due to vehicular emissions, During Loading, Unloading and cleaning/sweeping activities, during transportation, Handling & Treatment of Biomedical waste.For control of air emission Incinerator will be provided with a stack height meeting MOEFCC Guidelines (wet scrubber/absorption etc.) Water sprinkling during loading & unloading activities, Development of thick plantation along railway siding Internal roads will be concreted / asphalted to reduce dust emissions, Proper parameters (air & temperature) to be maintained during combustion, to reduce the flue gases formation.
- ix. The proposed CBWTF shall not be handling chlorinated plastics and no incineration will be done on chlorinated bags. There is no change of dioxin and furans generation during incineration.
- x. The green belt will be developed for the proposed project in an area of 3127 sq. m (56 %) of the total site area. Greenbelt will be developed all along the periphery of the project maintaining a distance of around 2m between each plant. Inside the project, around 50 plants shall be planted maintaining a distance of around 3.5 m between each plant.
- xi. Under CSR activities PP has proposed as per MoEF&CC's OM dated 1st May, 2018, 2% of the project cost is to be spent on CER (Corporate Environment Responsibility) activities for green-field projects having project cost <100 crores. As such for the proposed project, an amount of Rs. 10 lakhs has to be earmarked for spending under CER activities.

S.No.	Activities	Total Cost allocated for 5 years (in Rs.Lakh)
1	Construction of Borewell/Tubewell nearby village	2.5

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2	Revamping of school/Aanganwadi as per requirement of Gram Panchyat.	7.5	
	Total	10.0	

- xii. The proposed project cost is Rs. 475 lakhs
- xiii. Benefits of the project: The beneficial impact of proposed project on the civic amenities will be substantial after the commencement of project activities. The basic requirement of the community needs will be strengthened by extending healthcare to the community, building/strengthening of existing roads in the area which will help in uplifting the living standards of local communities. The project will create opportunities for employment to the nearby villagers.

PP submission was found adequate and satisfactory and thus the authority decided to accept the recommendations of 320th SEAC meeting dtd. 23.10.18 with 54 special conditions and accord Prior Environment Clearance for proposed Establishing a Common Biomedical Waste Treatment Facility at Khasra no. 323/1, 323/2/1, 332/2/2 Village - Kaliyadeh, Tehsil- Ghatiya, Dist.- Ujjain (MP) Total plot area 0.554 ha (1.22 acres) Proposed Capacity - 2400 tonnes per annum by Director, M/s Hostech Eco Management Pvt. Ltd, 10, Yashvant Niwas Road, Indore, MP-452001subject to following Specific Conditions as recommended by SEIAA its meetings.

- The entire demand of fresh water should be met through iicensed tanker and there should be no extraction of ground water.
- 2. This EC will be subject to the location criteria to be decided by the MPPCB specially the proximity to the human settlement.
- PP will take prior permission of MPPCB for establishing CBWTF at the site in reference to revised guideline of CPCB-2016 for CBWTF before installation.
- 4. PP should install adequate ETP for treatment and disposal of effluent and Zero discharge should be maintained.
- 5. Process effluent/any waste water should not be allowed to mix with storm water.
- Guidelines of CPCB/MPPCB for Bio-Medical Waste Common Hazardous Wastes Incinerators shall be followed.
- 7. No landfill site is allowed within the CBWTF site.
- 8. Ecosorb (organic and biodegradable chemical) and alumina will be used around odor generation areas at regular intervals for dilution of odorant by odor counteraction or neutralize.
- PP will ensure to use only non chlorinated bags for handling and storing bio medical waste. In any case, PP is not allowed to use poly and plastic bags.
- 10. All safety measures will be strictly followed by workers for handling of Bio medical waste bags during storage and feeding at incinerator to prevent health hazards.
- 11. Incinerator should be properly interlocked with venture scrubber to control air pollution.
- 12. Incinerated ash and ETP sludge shall be disposed at approved TSDF and MoU made in this regard should be done prior to the commencement.

(Jitendra Singh Raje)
Member Secretary

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(R.K. Sharma) Member

Rakesh K. Shriva Chairman

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- 13. Color coding for handling waste be strictly followed as per BMW Rules 2016.
- 14. PP should ensure the rain water harvesting by providing of recharging pits. In addition, PP should provide recharging trenches. The base of the trenches should be Kachha with pebbles.
- 15. PP will install continuous online monitoring system to monitor the emissions from the stack. Periodical air quality monitoring in and around the site shall be carried out. The parameters shall include Dioxin and furan.
- Proper Parking facility should be provided for employees & transport used for collection & disposal of waste materials..
- 17. Necessary provision shall be made for firefighting facilities within the complex.
- 18. PP should carryout periodical air quality monitoring in and around the site including VOC, HC.
- PP shall ensure to conduct quarterly health check up of workers working in the plant.
- PP will construct garland drain of appropriate size and settling tank with stone pitching all around the plant premises.
- 21. PP should develop 8 m green belt all along the periphery of the species that are significant and used for the pollution abatement. Besides this, PP will explore the possibility to develop dense green belt by planting thick foliage trees to develop buffer zone in the additional land belongs to PP on eastern direction towards road to suppress emissions.
- 22. Incineration plants shall be operated (combustion chambers) with such temperature, retention time and turbulence, so as to achieve Total Organic Carbon (TOC) content in the slag and bottom ashes less than 3%, or their loss on ignition is less than 5% of the dry weight of the material.
- Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 2000 including the section 129 to 137 of Central Motor Vehicle Rules, 1989.
- 24. The proponent should ensure that the project fulfills all the provisions of Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 including collection and transportation design etc and also guidelines for Common Hazardous Waste Incineration 2005, issued by CPCB.
- 25. The Leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.
- 26. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures, and other energy efficient plant machineries and equipments.
- The containers should be covered during transportation in order to prevent exposure of public to odors and contamination.
- 28. PP should have two storage rooms separately for treated and untreated waste.
- 29. PP should ensure the traffic movement plan, parking facilities and road width.

(Jitendra Singh Raje) Member Secretary

(R.K. Sharma) Member

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(Rakesh K. Shriva Chairman

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- 30. Under CSR activities PP has proposed to construction of bore well/tubewell & revamping of school/aanganwadi as per requirement of Grampanchyat with budgetary provision of Rs. 10.0 Lakhs upto 5 year. PP should ensure the implementation of CSR activities on regular basis in consultation with the Gram Panchayat of the respective villages.
- 31. PP should develop green belt at least minimum of 33% in plant premises as per CPCB guidelines with native species/Pollution absorbing species.
- Case No.5734/2018: Prior Environment Clearance for Micro Irrigation Scheme at Kodwar, Tehsil - Punasa, Dist. Khandwa, MP Supply source: ISP Reservoir Lifting Point: ISP main canal village Zirinia. GCA- 7262 ha CCA- 3660 haby Chief Engineer, Lower Narmada Project, Executive Engineer, Narmada Development Division No. 25, Narmada Nagar, Dist. Khandwa, MP – 450119 E-mail: eend25@gmail.com Mob no. 9407277212
 - The Kodwar Micro Lift Irrigation Scheme has been conceived to catter irrigation water to about 3660 Ha CCA in Khandwa and Punasa, tehsil of Khandwa districts in 13 villages.
 - The Scheme area lies in Khandwa District. The supply source i.e. ISP Main Canal Zirnia village of Khandwa District and command area lies in Punasa tehsil of Khandwa districts.
 - 3. As per the latest MoEF&CC notification S.O. 3977 (E), dated 14th August 2018 stated that projects Medium Irrigation system (> 2000and < 10,000 ha.) required to prepare EMP and to be dealt at State Level (B2) category. The project has a command area of 3660 ha; therefore as per EIA notification of September 2006 and subsequent amendment, it is a Category B2 project (Medium irrigation project having CCA > 2000 ha and < 10000ha)"</p>
 - 4. There is no wildlife sanctuary, National park (DFO letter dtd. 05.01.18) or interstate boundary(PWD letter dtd.08.01.18) within 10 km of the project area, hence general conditions are not attracted.
 - 5. The project has a command area of 3660 ha; therefore as per EIA notification of September 2006 and a recent amendment (August 14, 2018), it is a Category B2 project (Medium irrigation project having CCA > 2000 ha and < 10000 ha)". And Being a B2 Category project, it does not require an EIA reportand is exempt from Public Hearing; it require submission of EMP only However, Scoping Clearance of the project was taken as Category B1 (prior to August 2018 amendment).</p>
 - The case was discussed in SEAC meetings 327th dated 07/09/2018 and 335th dtd. 01.12.18 is recommended for grant of prior EC subject to 31 special conditions.
 - The case was discussed in 510th SEIAA meeting dtd.12.12 2018 and decided to call PP for presentation
 - 8. After deliberations by PP the case was discussed in depth & it is noted that:-
 - Project is designed for discharge of 3.54 cumecLength 5.724 Km, Power Requirement: 4.44 MW, 2 Rising mains: Length 8.2455 and 9.505 Km Power Requirement: 5W Distribution Network upto 2.5 ha chak in 9915ha.

(Jitendra Singh Raje) Member Secretary (R.K. Sharma) Member

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- ii. For the construction of pump-houses, sub-stations, valve chambers and staff quarters; permanent land requirement has been worked out as 1 ha. These locations are so planned to avoid any forest land diversion for the purpose. Permanent land requirement would be met from government land/ private land. However for laying of pipeline less than 0.98 ha of forest land will be diverted for which PP has applied (dtd. 30.11.18) to DFO, Khandwa.
- iii. The pipe shall be laid 1.00 m below average ground level and land will be restored immediately on completion of the work, therefore, no land for laying of pipes shall be acquired permanently. Wherever, the pipeline will be passing through private land, temporary land acquisition will be done as per Bhumigat pipe line laying act. Total temporary private/ govt. land requirement is worked out as 30.00 ha.
- iv. 33 KV dedicated transmission line is required to bring power to the pumphouses. Power Line will be brought from 33 KV Mundi sub-station; total length will be 35 Kms and 388 single pole structure will be erected along the road for the purpose. Transmission line routes are planned in a manner so that these towers will not be erected on forest land.
- v. Madhya Pradesh State was allotted 18.25 MAF of water by NWDT and out of this 12 MAF has been utilized by Madhya Pradesh. Kodwar Micro lift irrigation, will utilise only 1.30 cumec only.
- vi. The quantity of water to be provided is @ 0.356 lps/ha .This water will be available at 20 ha chak outlet with a static head of 20 m to provide micro irrigation in command area through drip/sprinkler system. At chak water will be available for 24 hours. The area in a chak is subdivided into 8 sub chaks (2.5 ha each). Water will be delivered to 2 sub chak at a time for 6 hours, after 6 hours the next sub chaks will start getting the water and so on. Thus in 24 hours all 8 sub chak will get equitable water.
- vii. Total quantity of muck for disposal is calculated as 0.35 lakh cum.; which will be generated from a network of trenches with total length of 96.944 Km per m dug material generation will be 0.36 cum only; which can easily be managed by spreading along the route in the low lying area. The extra muck shall be laid in the undulating area of the connected villages with the consent of concerning Gram-panchayat or Janpad Panchayat. A provision of Rs. 50 lkah has been kept under this head.
- viii. The major sources of air pollution during construction phase are Pollution due to fuel combustion in various equipments, Fugitive emissions from material handling and transportation etc. For control of air pollution PP has propsed as follows:-
 - For all major construction activities, curtaining of the site will be done to protect the surrounding areas from dust emissions.
 - In addition, regular sprinkling of the water will be done on construction sites for dust suppression.
 - All construction equipment/machinery will be properly maintained and tuned to minimize emissions.

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- The entire contractor's vehicle should have valid PUC certificate and same condition may be enforced on transporters bringing in material for construction.
- Road damage caused by sub-project activities will be promptly attended to with proper road repair and maintenance work etc.
- ix. Following mitigation measures will be implemented to minimize the impact of high noise:
 - Contractors will be required to maintain proper functioning of equipment and comply with occupational safety and health standards. DG sets will have a valid Type Approval Certificate and Conformity of Production certificate as per CPCB guidelines.
 - All the construction equipment will be required to use available noise suppression devices and properly maintained mufflers.
 - Workers in high noise area will be provided with ear muffs and their use will be monitored. Workers exposure (time duration) to high noise will also be controlled.
 - Minimize the use of noise producing equipment during night hours to avoid the disturbance to locals and wild animals of surrounding area.
 - Monitoring of noise levels will be conducted during construction phase of the project.
- x. During laying 03 small seasonal nalas will fall on the route of scheme. These are seasonal Nalas and will carry water during monsoon only. To ensure drainages are not altered, these nalas will either be crossed on culverts or underground by push method; in both the cases course of the drainage will not be altered.
- xi. Water used in construction activities leads to wastewater generation with high suspended solids. Effluents due to washing from truck or equipment etc. would have high concentration of oil and grease. Quantum of wastewater from such activities can impact the nearby water bodies if surface run off with high suspended solid is washed into them. Adequate care should be taken so that excess suspended solids in the wastewater are removed before these are disposed into water body or over land. Impacts on water logging and soil salinity are generally envisaged in flow irrigation schemes, however, no such impacts are envisaged due to micro irrigation.
- xii. Following mitigation measures shall be adopted for waste management
 - Construction and demolition waste will be handled in line with the guidelines for handling such wastes given in Construction & Demolition Waste Management Rules, 2016.
 - Contractor shall be responsible for segregation of construction and demolition waste and handle the same in consultation with local authority.
 - Waste construction material shall be recycled as far as possible and remaining disposed off at designated site in consultation with the local authority.
 - Contractor will ensure that there is no littering or deposition of waste so as to prevent obstruction to the traffic or the public ordrains.
 - Any hazardous waste generated at site such as waste oil, used batteries, empty barrels/containers/liners contaminated with hazardous

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chemicals/wastes and contaminated cotton rags or other cleaning materials, etc. shall be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

- Municipal Solid Waste generated from labour camps shall be disposed off at a designated place in consultation with the local authority.
- xiii. The scheme is designed for 1.738 MW power requirements for which a 33 KV line will be laid. Project is committed, not to exceed 1.988 MW of power requirement during the life of project.
- xiv. Total forest land required for the scheme is 0.98 ha.As per the guidelines of Forest Conservation Act, 1980 block plantation is to be taken up two times of the above ground component of forest land diversion in the denuded or degraded forest areas [0.98 ha x 2 = 1.96 ha]. It is estimated that approx. 10.78 lakh will be required for compensatory afforestation (1.96 ha @ Rs 5.5 lakh/ha = 10.78 lakh) Total budgeted amount is Rs. 16.91 lakh.
- xv. PP has proposed plantation in 25 hectare in several patches in non forest waste land will be done subject to availability of suitable land. The species to be planted will be chosen in consultation with local villagers and will be site specific. These plantations will be maintained for five years& will be handed over to Panchayat for management. The plantations may be done by forest wing of NVDA, forest department or local Panchyats. A provision of Rs. 45 lakh has been made for the same.
- xvi. For Improvement in Public Health PP has proposed following:-
 - One Ambulance with all the basic Medicare facilities a construction site.
 - · Improvement in existing health centers
 - Health Awareness/ Vaccination Camps

Provision of Rs. 70 lakh has been kept for Public Health Delivery System; which includes Rs. 30 lakh in capital cost and Rs. 40 lakh in recurring cost to be spread over 5 years

- xvii. Management of Pipeline Leakage and Bursting
 - The entire system is managed by SCADA (Supervisory Control and data Acquisition)
 - To prevent back pressure in case of electricity failure, depending upon surge analysis, single or combination of protection devices like One Way Surge Tank, Air Cushion Valves and Standing Pipes shall be used.
 - If any leakage/theft/bursting occurs; valves will automatically close.
 - In the worst case scenario, only residual water present in the reach would drain off from the pipeline.
 - Impact will be local flooding in few hectares only; which is also likely to be drained off quickly as most of the pipeline is aligned at watershed boundary
 - A budgetary provision of Rs. 20 lakh and recurring cost of Rs 10 lakh for five years have been made for the same.

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xviii. Project Cost: 69.61 Crore

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xix. Benefit of the project: Water for irrigation Improved quality of life, Marginal activities and jobs during construction phase, Employment opportunities to locals during operation phase with increased income of farmers.

Hence It is decided to accept the recommendations of 335^h dtd. 01.12.18 with 31 special conditions and accord Prior Environmental Clearance for Micro Irrigation Scheme at Kodwar, Tehsil - Punasa, Dist. Khandwa, MP Supply source: ISP Reservoir Lifting Point: ISP main canal village Zirinia. GCA- 7262 ha CCA- 3660 ha by Chief Engineer, Lower Narmada Project, Executive Engineer, Narmada Development Division No. 25, Narmada Nagar, Dist. Khandwa, MP – 450119 subject to following specific conditions imposed by SEIAA:-

- A grievances redress mechanism is to be devised by NVDA and put in place so that aggrieved PAFs and other stakeholders may approach the Authority easily for resolution of any dispute/conflict.
- The implementation of Local Area Development Plan (LADP) to be closely monitored.
- This being a seasonal stream/ river, a minimum environmental flow of 30 % in monsoon season should be released for downstream users.
- 4. Proposed Compensatory Afforestation programme shall be taken-up in consultation with State Forest Department. The allocated grant for this purpose shall be fully utilized and not to be diverted for any other purpose. For compensatory afforestation programme, preference shall be given to native species.
- Proposed Bio-diversity Conservation & Management Plan in EMP report should be implemented with State Forest Department. The allocated budget for this purpose shall be fully utilized and not to be diverted for any other purpose.
- To enhance the natural environmental quality & aesthetics of project site, greenbelt, as proposed in the EMP Report shall be undertaken in project area. Allocated grant for this purpose shall be fully utilised and not to be diverted for any other purpose.
- Fishery conservation & management plan as proposed shall be implemented in consultation with the Fisheries Department, Government of Madhya Pradesh.. Allocated grant for this purpose shall be fully utilised and not to be diverted for any other purpose.
- 8. Occurrence of stagnant pools/slow moving water channels during construction and operation of the project may provide breeding source for vector mosquitoes and other parasites. The river should be properly channelized so that no small pools and puddles are allowed to be formed. Even after taking precaution, due to unforeseen situations, breeding of mosquito and resultant malaria or mosquito borne diseases can increase. If such a situation arises, it will be the responsibility of project authorities to take all steps i.e. residual insecticidal spray in all the project area and surrounding 3 km. Area keeping the flight range of mosquitoes in consideration. Also medical assistance to be provided to the affected people at the cost of the developer and appropriate health benefits may be initiated with the help of State Health Department.

 Regular monitoring of water quality (Surface and Ground) including heavy metals shall be undertaken in the project area and around the project area to ascertain

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the change, if any, in the water quality due to leaching of contaminants, if any, from the increased use of chemical fertilizers and pesticides.

- Conjunctive use of surface water shall be planned to check water logging as well as to increase productivity.
- 11. Consolidation and compaction of the generated muck should be carried-out in the muck dumping site. The entire muck should be utilized for service road and inspection path, formation of embankment, filling trenches, land levelling and construction of CD works etc. The muck disposal sites shall be reclaimed /restored with vegetation once the capacity is utilized.
- The periodical soil health shall be verified in command area during operation phase to ensure the maintenance of soil fertility.
- 13. PP should ensure to not start any construction activities in foresl land area without obtaining forest clearance from DFO, Khandwa and same submitted to SEIAA within stipulated perion of time as per MoEF&CC OM dated 09/09/2011 and its ammendements OM dtd. 19.03.13.
- 4. Case No.5744/2018 Prior Environmental Clearance for Basalt/Gitti, Murrum, Stone Mine (Open cast semi mechanized method) in an area of 15.0 Ha. for production capacity of 42475 cum per year at Khasra No. 01 at Village- Indrana, Tehsil Majhauli, District- Jabalpur (MP) by M/s Star Mines & Minerals, Shri Hemant Kumar Sharma (Partner), H.No. 2, Single Story, SBI Colony, Baldeobagh, Dist. Jabalpur, MP 482002.

The case was recommended in 335th SEAC meeting dated 01.12.2018 and it was recorded that:-

After detailed discussions and perusal of recommendations of 335th SEAC meeting dated 01.12.2018, presentation made by the PP in SEIAA, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:

- PP shall not start mining activity before execution of lease agreement.
- II. The depth of the pit shall be as per the Approved Mining Plan.
- III. The entire area shall be fenced and three rows of plantation should be done on the periphery of the boundary.
- IV. Proper sign boards highlighting the dangers of trespassing by the villagers should be installed at four corners of the lease area.
- V. PP ensure that the proper water supply arrangements for dust suppression, regular sprinkling, plantation and drinking purposes especially in summer season shall be meet out through their own bore wells located around the lease area.

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- VI. PP shall ensure to construct approx 700 m. WBM road upto the junction of main pakka road and maintained the approach road. Plantation will be carried out on both side of approach road.
- VII. PP shall ensure proper water supply arrangements for dust suppression, regular sprinkling, plantation and drinking purposes through Gram Panchayat, Indrana, Tehsil Majhauli, District Jabalpur as committed by PP through vide letter dated 20.12.2018.
- VIII. PP shall ensure proper implementation of plantation, dust suppression, construction of approach road and maintenance of existing pakka road as part of Environmental Management Plan. Additional budget provision shall be made as part of EMP.
 - IX. Total 10000 saplings shall be planted in an area of 2.475 ha area by PP at the end of conceptual period under plantation programme but PP should ensure to plant 3 years old 2000 Nos of saplings of suitable indigenous tree species in barrier zone, Lease boundary & approach road. Plantation of Neem, Peepal, Bargad, Drumstick, Amla, Mahua etc. on priority shall be ensured by PP during first year.
 - X. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained.
- XI. PP shall ensure to conduct following social activities with budget provision of Rs. 2.10 laks as committed under CSR.
 - a) Construction work of sewage drain paved cement and concrete near in the village as Indrana, Bamhauri etc.
 - b) Road repairs of local village as Indrana, Bamhauri etc.

The modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Administration and Grampanchayat.

XII. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.

Hence, Prior Environmental Clearance is granted for Basalt/Gitti, Murrum, Stone Mine (Open cast semi mechanized method) in an area of 15.0 Ha. for production capacity of 42475 cum per year at Khasra No. 01 at Village- Indrana, Tehsil - Majhauli, District- Jabalpur (MP) for the lease period to M/s Star Mines & Minerals, Shri Hemant Kumar Sharma (Partner), H.No. 2, Single Story, SBI Colony, Baldeobagh, Dist. Jabalpur, MP - 482002.

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- 5. Case No. 5241/2016 Prior Environmental Clearance for Manganese Mine (Open Cast Other than fully mechanized Method) in an area of 4.906 ha. for production capacity of 10800 TPA at Khasra No. 150/1 at Village Selwa, Tehsil Katangi, District Balaghat (M.P.) by Shri Sandesh Jain (Partner), M/s Metals & Minerals, MIG- II 14, Opp. Jain Temple, Housing Board Colony, District Katni (M.P.) -483001.
 - (1) This is a project pertaining to mining of Manganese Ore Mine in MLA of 4.906 ha. The activity is mentioned at S.No. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 10 km from National park and sanctuary etc. thus it is not attracted by the general conditions and falls under category 'B-1" by virtue of its location and mining lease area. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project. It was submitted that this is a proposed mine having valid lease of upto 22.03.2029 with production of 10800 TPA.
 - (2) The mining lease was previously granted in the favor of Shri Mahesh Mishra for periods of 20 years dated 02.03.2009 vide Govt. of Madhya Pradesh, Mineral Resource Dept. Mantralaya, Bhopal vide order no. F-3-43/07/12/2. Later on, this mining lease was transferred in the name of M/s Metal & Minerals Vide State Government Order No. F-3- 4/11/12/2 dated on 02.04.2011. The Mining Plan has been approved by Regional Controller of Mines IBM, Nagpur and vide letter no. BGT/MN/MPCN-1017/NGP dated 16.03.2015.
 - (3) SEAC in its 301st SEAC meeting dtd. 21.12.2017 has recommended the case with 29 special conditions for issuance of EC.
 - (4) It was noted that as per DFO, Balaghat vide letter No. 12351 dtd. 14.12.2015, the National Park/Sanctuary is not located within 10 Km., radius from the mining site. Hence, the General Conditions are not attracted.
 - (5) It was noted that the water requirement is 4.5 KLD (2.0 KLD for Dust Suppression+ 2.0 KLD for Green Belt + 0.5 KLD for Domestic), which shall be met from bore well/ dug well.
 - (6) The proposed plantation programme was examined and it was found that 1800 sqm area 720 sapling shall be covered under plantation at the end of conceptual period
 - (7) It was also noted that the Public Hearing was carried out on 23.02.2017 at MIne Parisar Village Selwa, under the Chairmanship of Collector, Balaghat. The major comments of applicants during public hearing are employment of local people, construction & maintenance of existing / approach road connecting the mine & main road, Plantation on road side, regular health check-up of mine workers & water sprinkling to suppress the dust emission.
 - (8) The case was recommended in 301st SEAC meeting dtd. 21.12.2017, a complaint has been received in SEIAA on 15.1.18 on recommendation given by SEAC in its 301st meeting and it has been observed that a legal case has

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also been filed by complainant as OA No.101/2017 in Hon'ble NGT against the mining lease sanctioned in favour of M/S Metal and Minerals. The Authority decided in its 464 SEIAA meeting dated 19-01-18 Complaint sent to SEAC for re-appraisal. Then EC was again recommended in 308th SEAC meeting dated 24.02.18 after re-appraisal and is recorded as:

"Committee observed that again Shri Shalendra Jain has made a complaint referring the minutes of SEAC challenging the allotment of lease.

Committee after deliberations recommends that on the basis of the documents submitted by PP and forwarded by SEIAA the case was appraised and recommendations were made. If allotment of lease is challenged, same needs to be rectified by the competent sanctioning authority.

- The case was discussed in 472 SEIAA meeting dated 14-03-18 and 473 SEIAA meeting dated 16-03-18 and decided to call PP for presentation/clarification.
- The case was discussed in 479rd SEIAA meeting dated 12-04-2018 and it was recorded that:-

The case has been discussed in detail and observed that complaint from Mr. Shailendra Jain has been received in SEIAA on 15.03.18 regarding land use (Khasra No. 150/1, 150/3, 150/4) of mining lease area as Bhoojal, Prospecting lease area (150/4) is different from sanctioned mining lease area (150/1) and affecting course of Chandan River which is flowing just adjacent to mining lease area. Mr. Shailendra Jain has filed a case (OA-101/2017) in NGT. As per NGT order dated 24.1.18 in above case, MPPCB is directed to inspect the area to see in-stream mining. Scientist, MPPCB has inspected the site and submitted report. Question was also raised in State Assemby regading this mine and reply was given by hon'ble Minister, Mineral Resource Minister in assembly.

Looking to sensitivity of the case, PP was aked to submit pointwise information with supporting documents on issues raised in different forum. PP has submitted the pointwise information vide letter dtd 12.04.2018 in support of the case.

Approx. 18560.24 MT mineral has been excavated from mining lease area during year 2011-12 – 2016-17 which seems violation of prior EC as per EIA notification. However, DGM vide letter dated 14.12.15 has mentioned that leaseholder will be allowed to operate mine till the disposal of prior EC matter whose application has been filed in SEIAA before 31.12.15. Authority decided to seek clarification from Mineral Resources Department in this regard as case is registered in SEIAA on 15.06.16. Besides it is further decided to write Revenue Department, Govt. of M.P to seek clarification/comments regarding change of entry in revenue record of land use as Bhoofjal (Jal Mad) for mining purpose whether mining activities can be carried out on the land of Bhoojal mad (head) of revenue record without change of revenue head.

 Again the case was discussed in 506th SEIAA meeting dated 17.10.2018 and it was recorded that :-

As per above decision, letter was written to Revenue Department and Mineral Resources Department to seek clarification. In response to SEIAA letter, Collector, Balaghat has intimated that land use of proposed mining lease area is recorded as as Bhoojal (Jal mad) as per Revenue record and title has not been changed so far. Besides this, Under Secretary, Mineral Resources Department vide letter No 3915/691/2018/12-2 dated 25.8.18 has informed that DGM letter dated 14.12.15 has been quashed by Hon'ble NGT(PB) vide order dated 4.05.16 in OA 34/2016. Hence, mineral excavation carried out from proposed mining lease area is violation of Prior EC as per EIA notification. Therefore,

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it is decided to close the case with direction to PP not to do mining activities in said land without obtaining prior EC. Copy to PP and all concerned.

PP has represented vide letter dated 03.11.2018 by enclosing certified production detail by Mining Officer and Revenue Record to re-open the case and grant Prior EC. PP may be called in SEIAA meeting for clarification.

 The case has been examined in reference to hon'rble NGT order dated 4.5.16.in OA 34/2016 which is stated that:

"All the mines owners which of them have not submitted the applications as on 31st March, 2016 to SEIAA, DEIAA and DEAC, shall be shut down forthwith and will not be permitted to carry on any mining activity in any manner whatsoever.

The applications which are deficient and where the applicants have not submitted all requisite documents, such applicants are hereby granted last opportunity of 1 week (one week) to submit the documents. In the event they fail to submit such document and make applications complete and errorless in all respects then after the stated period of 1 week they shall also be liable to be shut down without any further notice. If they comply with this direction, they would also be entitled to the advantage up to 31st May, 2016."

The case was discussed in detail and PP was asked to submit point wise information in reference to above order. Accordingly PP represented the case by submitting following facts and reply:

- That Prior EC was not mandatory for the leases having area less than 5 hectare
 according to notification of MoEF. The lease holders used to obtain CTE & CTO
 from MP Pollution Control Board before commencement of mining operation.
 Being lease area of 4.906 hectare, PP obtained CTO from Jabalpur Regional
 office of MP Pollution Control Board for a production capacity of 7000 Mts which
 was being renewed from time to time. The validity of last CTO was upto
 31.10.2018.
- 2. When amendment/Notification brought to obtain EC for all the leases irrespective of the area, PP submitted online application for grant of EC through the official website of SEIAA on 02.11.2015 in the prescribed format vide Application No.6221. In response to this application, SEIAA communicated to PP on 16.11.15 to submit online EC application/proposal through MoEF&CC web portal www.environmentclearance.nic.in from 23.11.18 as per SEIAA OM dated 4.11.2015 alongwith the following inormtion which are lacking in this application-PFR, Collector (Mining) letter, DFO, Tehsildar information regarding Mining Plan approved letter, EMP, Khasra Panchsala and letter from Mining Officer regarding other mines located in 500 m be uploaded.
- 3. In continuation to EC application dtd. 02.11.2015 and subsequent communication dated 16.11.15 of SEIAA, PP tried to obtain No Objection Certificate from Revenue Department, Forest Department, PWD for state boundary as required in revised prescribed format for EC application through new website. On getting compliance, PP applied online for TOR on MoEF&CC web site on 31.05.2016.PP has mentioned that pre-monsoon base line data monitoring from March'16 to May'16 was also done by accredited agency according to guidelines of EIA

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Notification. Thus, our EC application submitted on 02.11.2015, revised on 31.05.2016 is incessantly under consideration for grant.

- 4. In the meantime, Mineral Resources Department, Government of M.P. sought legal opinion from Standing Council in the context of order dtd. 10.02.2015 passed by Hon'ble NGT and on the basis of legal opinion, Director Geology & Mining vide its circular No. 21425/Khanij/NGT/257/ 2015, Bhopal dtd. 14.12.15 informed to all the Collectors that the lessees who have applied/will apply for grant of EC before 31.12.2015, will be allowing mining operation till the disposal of their EC application by SEIAA. Since, application by PP was also submitted on 02.11.15, mining was done by virtue of that Circular & CTO issued by M.P.Pollution Control Board.
- 5. Subsequently, Hon'ble NGT vide order dtd. 04.05.16 quashed the circular dated 14.12.15 of DGM and issued direction giving last opportunity of one week to stop the mining. As soon as learnt, PP also adhered to the order of Hon'ble NGT and stopped ROM production from mine with immediate effect. Since the production data is not maintained on daily basis but on monthly basis, the production is reported upto May 2016 in monthly returns of IBM.

In the light of the facts stated above, it is clear that PP obtained CTO from M.P. Pollution Control Board before commencement of mining operation as per prevailing Act and applied online for grant of EC on 02.11.2015 SEIAA website and subsequently re-applied on MoEF&CC website with complete required documents and NoCs on 30.05.2016 as well as stopped production as per Hon'ble NGT order dated 4.5.16. It seems PP tried to follow the instruction, Act, Rules, guidelines, circulars or court orders issued /amended from time to time in this regard.

- Complaint was also lodged in Lokayukt as case No. 980/17 for illegal mining against rules in this Selva mining lease area which has been examined by Lokayukt on the basis of inspection report and case has been closed on 4.12.18 vide letter No. 11.12.18.
- 7. As far as entry of Jal Mad in revenue record is concerned, Deputy Director (Mineral Administration), Collecorate Office, Balaghat in its letter dated 10.06.05 mentioned tht the said lease area is recorded as Jal Mad (Water head) as per Patwari record. This entry is continuously recoded as Jal mad since Misel Bandobast period of Year 1904. As per record, the applied land is recorded in under water head but this area is neither under water nor reserved for public recreation. These khasra 150/3, 150/1 were earlier sanctioned mining lease numbers. Sarpanch Gram Panchayat, Selva in its NOC stated that there is no flow of water in the applied land due to construction of Nahalesra dam last 40 year back at a distance of 5 km from proposed mining site. It now comes under Revenue barren land category by ending exitance of under water area. Currently said land is used for grazing land but is recorded as Jal Mad. Earlier, this land was granted by Govt. to Mr. G.S Shukla for mining lease.

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8. Collector Balaghat in its letter dated 8.10.18 has clarified that subjected land is a Govt. revenue land and allotted temporarily on lease for a stipulated period only. Under this circumstances, entry (Noiyat) of subjected land can not be changed for temporary transfer (not permanent transfer) of land for lease hence no change in revenue record is mandatory according to rules/provisions as per above Collector letter and Revenue Department Letter No.1465/1239/2018/7/02 dated 1.11.18. It is further clarified that before grant of lease, this matter had been scrutinized by Mineral Resources Department, Govt. of M.P. in the year 2005 and after receiving recommendation from Revenue, Forest Department and Gram Panchayat, the lease was granted by State and Central Government. A team of MPPCB has also submitted its report on this issueafter site inspection. Thus the matter of entry in khasra is cleared.

Considering above facts and request of PP vide letter dated 20.12.2018, it is decided to re-open the case by giving benefit of doubt to PP. After detailed discussions and perusal of recommendations of 308th SEAC meeting dtd 24.02.2018, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:

- Before commencing any mining activity fencing shall be carried out all around the lease area. Proper watch and ward arrangements should be made with installation of signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.
- II. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
- III. PP shall demarcate a barrier zone of 7.5 m as no mining zone in the periphery of mining lease area and develop a green belt. Three row plantation shall be carried out in the greenbelt area in current year with proper watering arrangement.
- IV. Before commencing the mining activity, site demarcation should be done leaving minimum 50 meters is already left from natural drain and as a "no mining zone" and it will be maintained as buffer zone. The demarcation should be done by the Revenue Officials in the presence of Mining Officer, Balaghat.
- V. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained.
- VI. PP shall ensure to construct and maintain approach road and maintained the existing pakka road in consultation with District Administration. Plantation will be carried out on both side of approach road.
- VII. PP will plant 3 years old 120 tree saplings of suitable indigenous tree species in 0.50 ha barrier zone during first year.
- VIII. PP shall ensure that dense plantation towards natural drain and shed with additional plantations of 2280 trees.

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- IX. Constructed of garland drain with settling tank especially for prevention of pollution in natural drain as part of Environmental Management Plan.
- X. The over burden and waste will be stacked for five years and then simultaneously backfilled in the mined out area where plantation will be raised on it.
- XI. PP shall ensure to leave atleast 57.5 m area from the nalla/drain including barrier zone as no mining zone and devlop grean belt with proper fencing in this area by planting local indigenous evergreen tree species by stabilzing overburden dumps. In any case, PP is not allowed to do instream mining.
- XII. Since the matter regarding mining lease in OA 101/2017 Sh. Shailendra Jain Kanje Vs Govt. of M.P. & others is under sub-judice in hon'ble NGT hence final decision of Tribunal will be obligatory to PP.
- XIII. PP shall commence mining activities only after execution of lease agreement.
- XIV. No overburden will be dumped outside the mine lease area.
- XV. No blasting shall be permitted in the mining lease area.
- XVI. Regular air & water quality monitoring shall be carried out by PP before discharging it into the nearby agriculture fields from authorized laboratory in consultation with Regional Officer, MPPCB.
- XVII. PP shall ensure generation of employment opportunities nearby Village on priority bases.
- XVIII. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XIX. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities shall be provided for the laborers. A provision should be made to construct a pakka rest shelter along with toilet and drinking water facility.
- XX. PP should also carry out regular sprinkling in the mining lease area to arrest dust emission from mining activities affecting the nearby agriculture fields
- XXI. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.
- XXII. PP shall ensure the proper water supply arrangements for plantation especially in summer season.
- XXIII. PP shall ensure proper implementation of plantation, dust suppression, approach road construction, maintenance of existing pakka road and constructed of garland drain with settling tank specially for prevention of pollution in nearby lake as part of Environmental Management Plan. Additional budget provision shall be made as part of EMP.
- XXIV. PP must ensure implementation of the following activities with separate budget provision should be kept under CSR:
 - a) PP shall organize health checkup camps and provide free medicine at nearby villages Bisapur, Selva, Kalgaon, Jam, Bopli.

(Jitendra Singh Raje) Member Secretary

(R.K. Sharma) Member

(Rakesh K. Shrivastava) Chairman

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 b) Construction of toilet for girls at nearby villages Bisapur, Selwa, Kalgaon, Jam, Bopli.

The modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Grampanchayat.

- XXV. 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
- XXVI. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.

Hence, Prior Environmental Clearance is granted for Manganese Mine (Open Cast Other than fully mechanized Method) in an area of 4.906 ha. for production capacity of 10800 TPA at Khasra No. 150/1 at Village Selwa, Tehsil Katangi, District Balaghat (M.P.) for the lease period to Shri Sandesh Jain (Partner), M/s Metals & Minerals, MIG- II — 14, Opp. Jain Temple, Housing Board Colony, District Katni (M.P.) -483001.

 Case No.5549/2017: Prior Environment Clearance for Balakwada Lift Irrigation Scheme at Supply Source Lifting Point: Indira Sagar Main Canal from R.D. 145.50 km Near Jalkha Village Dist. Khargone, MP Cultivable Command Area – 9084.786 ha, Gross Command Area – 11250 ha by Executive Engineer, Narmada Development Canal Division, Khargone, MP - 451001 E-mail: eecanalkgn@gmail.com mob no. – 9826129328

The case was discussed in 509th SEIAA meeting dtd. 16.11.18 and recorded that:-

- 1. The Balakwada Lift Irrigation Scheme has been conceived to cater to irrigation water requirement of 9000 ha. of CCA in Khargone district of Nimar region. Project will provide benefit to 40 villages of Kasrawad Tehsil. Supply source is IndraSagar Main Canal, with lifting point located at RD 145.5 km; Near Jalkhan village in Khargone District. Project is designed for a discharge of 3.22 cumec with total annual utilization of 33.39 MCM. All project components and entire command falls in Khargone district of Madhya Pradesh.
- 2. Project consists of construction of Jack Well/Pump house at RL 208.825 m to lift water to Distribution Chamber at RL 286.00 m. i.e. a lifting head of 77.175 m through a 2 Km long MS rising main. Power requirement has been estimated as 4.4 MW. Distribution system will be of MS/HDPE and is planned to provide water up to 2.5 ha chak.
- 3. This is a River Valley projects involving < 10,000 ha. of culturable command area and denies the general conditions falls under category "B" and have been mentioned at SN. 1(c) column B of Schedule of EIA Notification, hence such projects are required to obtain prior EC</p>
- 4. The project has a command area of 9084.786 ha; therefore as per EIA notification of September 2006 and a recent amendment (August 14, 2018), it is a Category B2 project (Medium irrigation project having CCA > 2000 ha and < 10000 ha)"and being a B2 Category project, it does not require an EIA report and is exempt from Public Hearing; it require submission of EMP only However, Scoping Clearance of the project was taken as</p>

(Jitendra Singh Raje) Member Secretary

(R.K. Sharma) Member

(Rakesh K. Shrivas Chairman

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Category B1 (prior to August 2018 amendment); EIA completed and Public Hearing conducted therefore all the documents submitted for Environment Clearance.

- There is no wildlife sanctuary, National park (DFO leter dtd. 07.04.2017) or interstate boundary (PWD letter dtd. 10.04.17) within 10 km of the project area, hence general conditions are not attracted.
- The case was discussed in SEAC meetings 290th dated 22.05.2017 and 332nd dtd. 26.10.18 is recommended for grant of prior EC subject to 42 special conditions.
- 7. After deliberations by PP the case was discussed in depth & it is noted that:-
 - Permanent land (1700 sq.m.) required for the project. Out of which 1000 sq.m already acquired by PP (NVDA) for construction of Intake cum pump house (1400 sq.m.) and Break Pressure tank (300 sq. m). It was observed that apprx. 0.64 ha forest area is involved in the project for diversion of which proposal has been submitted to DFO, Khargone.(letter dtd. 15.06.18).
 - ii. The pipe shall be laid 1.00 m below average ground level and land will be restored immediately on completion of the work, therefore, no land for lying of pipes shall be acquired permanently. Wherever, the pipeline will be passing through private land, temporary land acquisition will be done as per the applicable law. Approximately 28.13 ha of land would be required temporarily for laying of pipeline.
 - iii. Madhya Pradesh State was allotted 18.25 MAF of water by NWDT and out of this 12 MAF has been utilized by Madhya Pradesh. Balakwada Lift scheme, will utilise only 3.204 cumec.
 - iv. Project is designed for discharge of 3.54 cumec Length 5.724 Km, Power Requirement: 4.35 MW, 2 Rising mains: Length 1.623 Km and 4.099 Km Power Requirement: Distribution Network upto 2.5 ha chak in 9084.786 ha
 - v. Total quantity of muck for disposal is calculated as 0.85 <u>lakh cum.</u>; which will be spread linearly for a distance of 273.381 Km. The extra muck shall be laid in the undulating area of the connected villages with the consent of concerning Grampanchayat or Janpad Panchayat. A provision of Rs. 50 lkah has been kept under this head.
 - vi. Following mitigation measures shall be adopted for waste management
 - Construction and demolition waste will be handled in line with the guidelines for handling such wastes given in Construction & Demolition Waste Management Rules, 2016.
 - Contractor shall be responsible for segregation of construction and demolition waste and handle the same in consultation with local authority.
 - Waste construction material shall be recycled as far as possible and remaining disposed off at designated site in consultation with the local authority.
 - Contractor will ensure that there is no littering or deposition of waste so as to prevent obstruction to the traffic or the public ordrains.
 - Any hazardous waste generated at site such as waste oil, used batteries, empty barrels/containers/liners contaminated with hazardous chemicals/wastes and contaminated cotton rags or other cleaning materials, etc. shall be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

(Jitendra Singh Raje) Member Secretary

(R.K. Sharma) Member

(Rakesh K. Shrivast Chairman

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- Municipal Solid Waste generated from labour camps shall be disposed off at a designated place in consultation with the local authority.
- vii. The scheme is designed for 4.35 MW power requirements for which a 33/11 KV line will be laid. PP has committed, not to exceed 4.44 MW of power requirement during the life of project.
- viii. The entire micro irrigation system has been aligned in such a way,that it requires only 0.64 ha forest land for lying pipeline. As per the guidelines of Forest Conservation Act, 1980 block plantation is to be taken up two times (1.96 ha) of the above ground component of forest land diversion in the denuded or degraded forest areas (0.98 hax2=1.28 ha) it is estimated that an amount of approximately 11.04 lakh will be required for compensatory afforestation
- ix. PP has proposed plantation in 25 hectare in several patches in non forest waste land will be done subject to availability of suitable land. The species to be planted will be chosen in consultation with local villagers and will be site specific. These plantations will be maintained for five years& will be handed over to Panchayat for management. The plantations may be done by forest wing of NVDA, forest department or local Panchyats. A provision of Rs. 112.5 lakh has been made for the same.
- x. There are no industrial or other sources of air pollution. The levels observed are due to dusty conditions and only source of air pollution is vehicular traffic in the area; which is also not significant. All the values at all the monitoring locations are well within the permissible limits.
- xi. Adequate stack height of DG sets, regular check up of vehicular emissions, water sprinkling to avoid fugitive dust, etc. have been recommended as mitigation measures During operation phase, no impacts are envisaged on air quality
- xii. Water conductor system shall be crossing 45 seasonal nallas. These will be crossed on culverts or underground by push mentod. In both the cases course of drainage will not be altered. Conservation of water should be implemented at construction site to minimize the generation of wastewater.
- xiii. For Improvement in Public Health PP has proposed following:-
 - One Ambulance with all the basic Medicare facilities a construction site.
 - Improvement in existing health centers
 - Health Awareness/ Vaccination Camps
 - One Ambulance cum testing mobile vans for villagersin command area. Provision
 of Rs. 85 lakh has been kept for Public Health Delivery System; which includes
 Rs. 35 lakh in capital cost and Rs. 50 lakh in recurring cost to be spread over 5
 years.
- xiv. Preventive Measures for Silting in Pipeline:-
 - Rising Main and Gravity Distributaries comprise of the mild steel and Distribution Network (Disnet) up to 2.5 ha chak is of High Density Polyethylene (HDPE).
 - The pipeline of entire distribution system will have a velocity ranging from 0.6 m/s to 2.1 m/s which will not allow the sediment/silt to settle (Ref: Manual of Water Supply and treatment, CPHEEO)
 - In addition, scour valves will be provided at suitable locations i.e. lower level of the pipeline to flush the sediment/silt with water to the nearest nala/stream.
- xv. Anti Corrosion measures. (epoxy paint internally and guniting at outside is proposed where the pipeline is underground. Pipeline exposed to the atmosphere will be painted by epoxy paint both inside and outside to prevent the corrosion)

(Jitendra Singh Raje) Member Secretary

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(R.K. Sharma) Member

Chairman

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xvi. Management of Pipeline Leakage and Bursting

- The entire system is managed by SCADA (Supervisory Control and data Acquisition)
- To prevent back pressure in case of electricity failure, depending upon surge analysis, single or combination of protection devices like One Way Surge Tank, Air Cushion Valves and Standing Pipes shall be used.
- If any leakage/theft/bursting occurs; valves will automatically close.
- In the worst case scenario, only residual water present in the reach would drain off from the pipeline.
- Impact will be local flooding in few hectares only; which is also likely to be drained off quickly as most of the pipeline is aligned at watershed boundary

After deliberation the PP was asked to submit the following:

- Since 0.64 ha forest area is involved in the project for diversion for which
 proposal has been submitted to DFO, Khargone (vide letter dtd. 15.06.18) for
 forest clearance. PP should submit the Forest clearance letter issued by DFO
 for diversion of said land.
- II. Provide current status of land acquision required for the project either permanent land or temporary land.

In response to above vide letter dtd. 17.12.18 reieved in SEIAA office on 18.12.18 PP has submitted as follows:-

- Supply source is Indra Sagar Main canal, with lifting point located at RD 145.5 km; Near Jalkhan village in Khargone district. The pump house for lifting the canal water will be constructed on NVDA land and no forest land required for construction of lifting point.
 - After detailed survey of the command area the forest land is found to be 10 ha, this includes for pipe line work, structures and access to the structures. The diversion of forest land is under in process. Further PP has committed that its a linearproject and they will start work in non-forest area and commence working in forest area after obtaining Forest Clearance.
- ii. For the private land PP has submitted that if the private land requiredfor making the permanent structure will be purchased by the contractor on reimbursement basis. In the said project 0.263 ha private land is required, for which the agreement from the land owner has been made and submitted to authority.

In context of above it is decided that as per MoEF&CC OM dated 09/09/2011 and its ammendements OM dtd. 19.03.13 it states that "pending grant of stage-I approval under the Forest(Conservation) Act, 1980 for non-forestry use of the forest land, environment clearance to linear projects may be issued slJbject to the following additional conditions:

(i) Work on non-forest land may only be executed'upto such point (to be selected by the user agency) on either side of forest land if it is explicitly certified by the user agency that in case approval under the Forest (Conservation) Act, 1980 for diversion of forest land is declined, it

Jitendra Singh Raje Member Secretary (R.K. Sharma) Member Rakesh-K. Shrivastava) Chairman

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is technically feasible to execute the project along an alternate alignment without involving diversion of forest land.,

With due consideration in light of above MoEF&CC OM dated 09.09.2011 its ammendements OM dtd. 19.03.13, because the project involves forest area, necessary clearance under FCA will be obtained by PP from MoEF&CC, Govt. of India and the mandatory Stage-I forestry clearance will be submitted to SEIAA within the stipulated time limit mentioned in MoEF&CC OM dated 09.09.2011.

PP submission was found adequate and satisfactory and thus the authority decided to accept the recommendations of 320th SEAC meeting dtd. 23.10.18 with 54 special conditions and accord Prior Environment Clearance for proposed Balakwada Lift Irrigation Scheme at Supply Source Lifting Point: Indira Sagar Main Canal from R.D. 145.50 km Near Jalkha Village Dist. Khargone, MP Cultivable Command Area — 9084.786 ha, Gross Command Area — 11250 ha by Executive Engineer, Narmada Development Canal Division, Khargone, MP - 451001 subject to following Specific Conditions as recommended by SEIAA its meetings.

- The inputs given by the participants during Public hearing should be properly redressed. All the promises and assurances made during the public hearing shall be fulfilled completely by the Narmada Valley Development Authority, GoMP.
- PP shall plan the CSR activities as per local villagers needs and should consult District administration for implementation of the CSR activities.
- A grievances redressal mechanism is to be devised by NVDA GoMP and put in place so that aggrieved stakeholders may approach the Authority easily for resolution of any dispute/conflict.
- 4. An Environmental Cell should be setup to monitor the implementation of Environmental Management Plan and submission of six monthly compliance reports. The committee should ensure that the allocated grant for various purposes included in EMP should be utilized for that purpose fully and should not be diverted for any other purpose.
- 5. Proposed Voluntary Afforestation programme me should be taken-up in consultation with State Forest Department. The allocated grant for this purpose should be fully utilized and not to be diverted for any other purpose. For afforestation programme me, proper selection of species including trees with canopy, fruit bearing trees and grasses should be planted as proposed in EMP. Preference should be given to native species. Irrigation facilities should be ensured and proper care should be taken to raise the plantation. The six monthly compliance report should include plantation with number, species and survival rate etc.
- 6. Occurrence of stagnant pools during construction and operation of the project may provide breeding source for vector mosquitoes and other parasites. Even after taking precaution, due to unforeseen situations, breeding of mosquito and resultant malaria or mosquito borne diseases can increase. If such a situation arises, it will be the responsibility of project authorities to take all steps i.e. insecticidal spray in all the project area and surrounding 3 km area keeping the flight range of mosquitoes in consideration. Also medical assistance should be

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(R.K. Sharma) Member

(Rakesh K Shrivastava) Chairman

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- provided to the affected people at the cost of the developer and appropriate health benefits may be initiated with the help of State Health Department.
- 7. Regular monitoring of water quality (Surface and Ground) including heavy metals shall be undertaken in the project area and in the adjoining project area to ascertain the change, if any, in the water quality due to leaching of contaminants, from the increased use of chemical fertilizers and pesticides.
- 8. In the process of excavation for laying large quantities of muck will get accumulated in the entire length of rising, gravity and distribution mains. Appropriate measures for muck management / disposal should be ensured. The excavated materials should be properly used in the construction of patrolling road and could be distributed to the cultivators on their consent.
- 9. PP must ensure to use solar energy where ever possible.
- To reduce the noise pollution at intake point, special canopy (covering) be devised over the pumps & DG set.
- 11. A special control room should be set up at an appropriate location for disaster management, water leakage detection, periodical ecological monitoring and for proper management of the entire distribution and pumping systems. Chassis mounted dewatering pumps should be kept ready to deal with any localized drainage congestion.
- 12. It shall be binding on the part of Project Proponent to ensure the compliance of directions / orders / any other directions issued by Hon'ble High Court / NGT/ any other Court from time to time.
- 13. The project involves forest area, necessary clearance under FCA will be obtained by PP from MoEF&CC, Govt. of India and the mandatory Stage-I forestry clearance will be submitted to SEIAA within the stipulated time limit mentioned in MoEF&CC OM dated 09.09.2011.
- PP should ensure to not allow any construction activities in forest land area without obtaining forest clearance from MoEF & CC as per O.M. dtd.19.03.13.
- 7. Case No.5551/2017: Prior Environment Clearance for Prior Environment Clearance for Amba-Rodia Lift Irrination Scheme at Tehsil Sanawad, Dist. Khargone, MP Supply Source Lifting Point: Indira Sagar Main Canal from R.D. 74.3 km Distribution Point Khedi-Bujurg Cultivable Command Area 9915 ha, Gross Command Area 13084 ha by Executive Engineer, Narmada Development Canal Division, No. 21 Sanawad District- Khargone, MP 451111 E-mail: ee21sanawad@gmail.com mob no. 9425084466 Envt. Consultant: R S Envirolink Technologies Pvt Ltd, Gurgaon

The case was discussed in 509th SEIAA meeting dtd. 16.11.18 and recorded that

 The Amba RodiaLift Irrigation Scheme has been conceived to cater to irrigation water requirement of 9915 ha. of CCA in Khargone district of Nimar region.

(Jitendra Singh Raje) Member Secretary

(R.K. Sharma) Member (Rakesh K. Shrivastava) Chairman

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- 2. Project will provide benefit to 21 villages which includes 10 villages of Sanawad tehsil, 4 villages of Bhikangaontehsil and 7 Villages of Kasrawad Tehsil. Supply source is Indra Sagar Main Canal, with lifting point located at RD 74.3 km; Near Rodia village in Khargone District. Project is designed for a discharge of 3.54 cumec with total annual utilization of 36.7 MCM. All project components and entire command falls in Khargone district of Madhya Pradesh
- 3. Project consists of construction of Jack Well/Pump house at RL 218.31 m to lift water to Distribution Chamber at RL 294.00 m. i.e. a lifting head of 75.69 m through a 6 Km long MS rising main. Power requirement has been estimated as 5 MW. Distribution system will be of MS/HDPE and is planned to provide water up to 2.5 ha chak.
- 4. This is a River Valley projects involving < 10,000 ha. of culturable command area and denies the general conditions falls under category "B" and have been mentioned at SN. 1(c) column B of Schedule of EIA Notification, hence such projects are required to obtain prior EC</p>
- 5. The project has a command area of 9915 ha; therefore as per EIA notification of September 2006 and a recent amendment (August 14, 2018), it is a Category B2 project (Medium irrigation project having CCA > 2000 ha and < 10000 ha)". And Being a B2 Category project, it does not require an EIA reportand is exempt from Public Hearing; it require submission of EMP only However, Scoping Clearance of the project was taken as Category B1 (prior to August 2018 amendment); EIA completed and Public Hearing conducted therefore all the documents submitted for Environment Clearance.</p>
- There is no wildlife sanctuary, National park (DFO leter dtd. 07.04.2017) or interstate boundary (PWD letter dtd. 10.04.17) within 10 km of the project area, hence general conditions are not attracted.
- 7. The case was discussed in SEAC meetings 290th dated 22.05.2017 and 332nd dtd. 26.10.18 is recommended for grant of prior EC subject to 42 special conditions.
- 8. After deliberations by PP the case was discussed in depth & it is noted that:
 - i. Permanent land (1300 sq.m.) already acquired by PP (NVDA) for construction of Intake cum pump house(700 sq.m.) and Break Pressure tank (600 sq. m) It was observed that apprx. 0.98 ha forest area is involved in the project for diversion of which proposal has been submitted to DFO, Khargone.(letter dtd. 13.07.18).
 - ii. The pipe shall be laid 1.00 m below average ground level and land will be restored immediately on completion of the work, therefore, no land for lying of pipes shall be acquired permanently. Wherever, the pipeline will be passing through private land, temporary land acquisition will be done as per the applicable law. Approximately 7.20 ha of land would be required temporarily for laying of pipeline.
 - iii. Madhya Pradesh State was allotted 18.25 MAF of water by NWDT and out of this 12 MAF has been utilized by Madhya Pradesh. Amba-Rodia Lift scheme, will utilise only 3.54cumec.
 - iv. Project is designed for discharge of 3.54 cumec Length 5.724 Km, Power Requirement : 4.44 MW, 2 Rising mains : Length 8.2455 and 9.505 Km Power Requirement : 5W Distribution Network upto 2.5 ha chak in 9915ha
 - v. Total quantity of muck for disposal is calculated as 0.55 <u>lakh cum</u>.; which will be spread linearly for a distance of 36.96 Km. The extra muck shall be laid in the undulating area of the connected villages with the consent of concerning Grampanchayat or Janpad Panchayat. A provision of Rs. 50 lkah has been kept under this head.

vi. Following mitigation measures shall be adopted for waste management

(Jitendra Singh Raje) Member Secretary

(R.K. Sharma) Member (Rakesh K. Shrivastava)
Chairman

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- Construction and demolition waste will be handled in line with the guidelines for handling such wastes given in Construction & Demolition Waste Management Rules, 2016.
- Contractor shall be responsible for segregation of construction and demolition waste and handle the same in consultation with local authority.
- Waste construction material shall be recycled as far as possible and remaining disposed off at designated site in consultation with the local authority.
- Contractor will ensure that there is no littering or deposition of waste so as to prevent obstruction to the traffic or the public ordrains.
- Any hazardous waste generated at site such as waste oil, used batteries, empty barrels/containers/liners contaminated with hazardous chemicals/wastes and contaminated cotton rags or other cleaning materials, etc. shall be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- Municipal Solid Waste generated from labour camps shall be disposed off at a designated place in consultation with the local authority.
- vii. The scheme is designed for 5 MW power requirements for which a 33/6.6 KV line will be laid. PP has committed, not to exceed 5 MW of power requirement during the life of project.
- viii. The entire micro irrigation system has been aligned in such a way, that it requires only 0.98 ha forest land for lying pipeline. As per the guidliness of Forest Conservation Act, 1980 block plantation is to be taken up two times (1.96 ha) of the above ground component of forest land diversion in the denuded or degraded forest areas (0.98 hax2=1.96 ha) it is estimated that an amount of approximately 10.78 lakh will be required for compensatory afforestation
- ix. PP has proposed plantation in 25 hectare in several patches in non forest waste land will be done subject to availability of suitable land. The species to be planted will be chosen in consultation with local villagers and will be site specific. These plantations will be maintained for five years& will be handed over to Panchayat for management. The plantations may be done by forest wing of NVDA, forest department or local Panchyats. A provision of Rs. 112.5 lakh has been made for the same.
- x. There are no industrial or other sources of air pollution. The levels observed are due to dusty conditions and only source of air pollution is vehicular traffic in the area; which is also not significant. All the values at all the monitoring locations are well within the permissible limits.
- xi. Adequate stack height of DG sets, regular check up of vehicular emissions, water sprinkling to avoid fugitive dust, etc. have been recommended as mitigation measures During operation phase, no impacts are envisaged on air quality
- xii. Water conductor system shall be crossing 45 seasonal nallas. These will be crossed on culverts or underground by push mentod. In both the cases course of drainage will not be altered. Conservation of water should be implemented at construction site to minimize the generation of wastewater.
- xiii. For Improvement in Public Health PP has proposed following:-
 - One Ambulance with all the basic Medicare facilities a construction site.
 - Improvement in existing health centers
 - Health Awareness/ Vaccination Camps
 - One Ambulance cum testing mobile vans for villagersin command area. Provision of Rs. 85 lakh has been kept for Public Health Delivery System; which includes Rs. 35 lakh in capital cost and Rs. 50 lakh in recurring cost to be spread over 5 vears.

(Jitendra Singh Raje) Member Secretary

(R.K. Sharma) Member

(Rakesh K Chairman

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xiv. Preventive Measures for Silting in Pipeline:-

 Rising Main and Gravity Distributaries comprise of the mild steel and Distribution Network (Disnet) up to 2.5 ha chak is of High Density Polyethylene (HDPE).

 The pipeline of entire distribution system will have a velocity ranging from 0.6 m/s to 2.1 m/s which will not allow the sediment/silt to settle (Ref: Manual of Water Supply and treatment, CPHEEO)

In addition, scour valves will be provided at suitable locations i.e. lower level of the pipeline to flush the sediment/silt with water to the nearest nala/stream.

xv. Preventive Measures for Corrosion of Pipeline

Anti Corrosion measures. (epoxy paint internally and guniting at outside is proposed where the pipeline is underground. Pipeline exposed to the atmosphere will be painted by epoxy paint both inside and outside to prevent the corrosion)

xvi. Management of Pipeline Leakage and Bursting

- The entire system is managed by SCADA (Supervisory Control and data Acquisition)
- To prevent back pressure in case of electricity failure, depending upon surge analysis, single or combination of protection devices like One Way Surge Tank, Air Cushion Valves and Standing Pipes shall be used.
- If any leakage/theft/bursting occurs; valves will automatically close.
- In the worst case scenario, only residual water present in the reach would drain off from the pipeline.
- Impact will be local flooding in few hectares only; which is also likely to be drained off quickly as most of the pipeline is aligned at watershed boundary

After deliberation the PP was asked to submit the following:

- Since 0.98 ha forest area is involved in the project for diversion for which proposal has been submitted to DFO, Khargone (vide letter dtd. 13.07.18) for forest clearance. PP should submit the Forest clearance letter issued by DFO for diversion of said land.
- II. Provide current status of land acquision required for the project either permanent land or temporary land.

In response to above vide letter dtd. 18.12.18 reieved in SEIAA office on 18.12.18 PP has submitted as follows:-

i. Project consists of construction of Jack Well/Pump house at RL 218.31 m to lift water to Distribution Chamber at RL 294.00 m. i.e. a lifting head of 75.69 m through a 6 Km long MS rising main. Power requirement has been estimated as 5 MW. Distribution system will be of MS/HDPE and is planned to provide water up to 2.5 ha chak. The pump house for lifting the canal water will be constructed on NVDA land.

After detailed survey of the command area the forest land is found to be 20 ha, this includes for pipe line work, structures and access to the structures. The diversion of forest land is under in process. Further PP has committed that its a linearproject and they will start work in non-forest area and commence working in forest area after obtaining Forest Clearance.

(Jitendra Singh Raje) Member Secretary (R.K. Sharma) Member (Rakesh K. Shrivastava) Chairman

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ii. For the private land PP has submitted that if the private land requiredfor making the permanent structure will be purchased by the contractor on reimbursement basis. In the said project 0.063 ha private land is required, for which the agreement from the land owner has been made and submitted to authority.

In context of above it is decided that as per MoEF&CC OM dated 09/09/2011 and its ammendements OM dtd. 19.03.13 it states that "pending grant of stage-I approval under the Forest(Conservation) Act, 1980 for non-forestry use of the forest land, environment clearance to linear projects may be issued slJbject to the following additional conditions:

(i) Work on non-forest land may only be executed upto such point (to be selected by the user agency) on either side of forest land if it is explicitly certified by the user agency that in case approval under the Forest (Conservation) Act, 1980 for diversion of forest land is declined, it is technically feasible to execute the project along an alternate alignment without involving diversion of forest land.

With due consideration in light of above MoEF&CC OM dated 09.09.2011 its ammendements OM dtd. 19.03.13, because the project involves forest area, necessary clearance under FCA will be obtained by PP from MoEF&CC, Govt. of India and the mandatory Stage-I forestry clearance will be submitted to SEIAA within the stipulated time limit mentioned in MoEF&CC OM dated 09.09.2011.

PP submission was found adequate and satisfactory and thus the authority decided to accept the recommendations of 320th SEAC meeting dtd. 23.10.18 with 54 special conditions and accord Prior Environment Clearance for proposed Amba-Rodia Lift Irrination Scheme at Tehsil - Sanawad, Dist. Khargone, MP Supply Source Lifting Point: Indira Sagar Main Canal from R.D. 74.3 km Distribution Point - Khedi-Bujurg Cultivable Command Area - 9915 ha, Gross Command Area - 13084 ha by Executive Engineer, Narmada Development Canal Division, No. 21 Sanawad District- Khargone, MP - 451111 subject to following Specific Conditions as recommended by SEIAA its meetings.

- The inputs given by the participants during Public hearing should be properly redressed. All the promises and assurances made during the public hearing shall be fulfilled completely by the Narmada Valley Development Authority, GoMP.
- PP shall plan the CSR activities as per local villagers needs and should consult District administration for implementation of the CSR activities.
- A grievances redressal mechanism is to be devised by NVDA GoMP and put in place so that aggrieved stakeholders may approach the Authority easily for resolution of any dispute/conflict.
- 4. An Environmental Cell should be setup to monitor the implementation of Environmental Management Plan and submission of six monthly compliance reports. The committee should ensure that the allocated grant for various purposes included in EMP should be utilized for that purpose fully and should not be diverted for any other purpose.
- 5. Proposed Voluntary Afforestation programme me should be taken-up in consultation with State Forest Department. The allocated grant for this purpose should be fully utilized and not to be diverted for any other purpose. For afforestation programme me, proper selection of species including trees with canopy, fruit bearing trees and grasses should be planted as proposed in EMP.

(Jitendra Singh Raje) Member Secretary (R.K. Sharma) Member

(Rakesh K.)Shrivasta Chairman

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Preference should be given to native species. Irrigation facilities should be ensured and proper care should be taken to raise the plantation. The six monthly compliance report should include plantation with number, species and survival rate etc.

- 6. Occurrence of stagnant pools during construction and operation of the project may provide breeding source for vector mosquitoes and other parasites. Even after taking precaution, due to unforeseen situations, breeding of mosquito and resultant malaria or mosquito borne diseases can increase. If such a situation arises, it will be the responsibility of project authorities to take all steps i.e. insecticidal spray in all the project area and surrounding 3 km area keeping the flight range of mosquitoes in consideration. Also medical assistance should be provided to the affected people at the cost of the developer and appropriate health benefits may be initiated with the help of State Health Department.
- 7. Regular monitoring of water quality (Surface and Ground) including heavy metals shall be undertaken in the project area and in the adjoining project area to ascertain the change, if any, in the water quality due to leaching of contaminants, from the increased use of chemical fertilizers and pesticides.
- 8. In the process of excavation for laying large quantities of muck will get accumulated in the entire length of rising, gravity and distribution mains. Appropriate measures for muck management / disposal should be ensured. The excavated materials should be properly used in the construction of patrolling road and could be distributed to the cultivators on their consent.
- 9. PP must ensure to use solar energy where ever possible.
- To reduce the noise pollution at intake point, special canopy (covering) be devised over the pumps & DG set.
- 11. A special control room should be set up at an appropriate location for disaster management, water leakage detection, periodical ecological monitoring and for proper management of the entire distribution and pumping systems. Chassis mounted dewatering pumps should be kept ready to deal with any localized drainage congestion.
- 12. It shall be binding on the part of Project Proponent to ensure the compliance of directions / orders / any other directions issued by Hon'ble High Court / NGT/ any other Court from time to time.
- 13. The project involves forest area, necessary clearance under FCA will be obtained by PP from MoEF&CC, Govt. of India and the mandatory Stage-I forestry clearance will be submitted to SEIAA within the stipulated time limit mentioned in MoEF&CC OM dated 09.09.2011.
- 14. PP should ensure not to start any construction activities in forest land area without obtaining forest clearance from MoEF & CC as per O.M. dtd.19.03.13.
- 8. Case No.3976/2015 Prior Environment Clearance for approval of Limestone & Dolomite Mine in an area of 1.518 ha. (89,302 TPA) at Village-Amehta, Tehsil-Vijayraghogarh, District-Katni by Shri Sailendra J. Worah, Director & Owner, M/s N.M. Dubash Stone & Lime Company Pvt. Ltd., Station Road, P.O.-Maihar, District-Satna (MP)-485771

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ToR was granted for Amheta Limestone and Dolomite mine in 268th meeting of SEAC held on 16.1.16. PP could not sumit EIA/EMP report in time due to some unforeseen circumstances as ToR validity for this mine is expiring on 15.01.2019. PP vide letter dated 12.12.18 has requested to extend ToR validity for one year by submitting Form -1, Pre Feasibility Report and Proposed ToR. The authority after perusal of the documents and considering request of PP, it is decided to extend the ToR validity for one more year with validity up to 14/01/2020 in accordance with the MoEF&CC OM dated 29/08/2017. Accordingly copy to SEAC along with application of PP for information and necessary action and inform to PP for extention of validity.

9. Case No.4337/15: Prior Environmental Clearance for Sand Quarry (opencast manual method) in an area of 8.010 ha. for production capacity of 80,100 cum/year at Khasra no.-1 at Village- Uchaad, Tehsil-Indargarh, District-Datia (MP) by Shri Kailash Chandra Gupta, M/s Esteem Infrabuild Pvt. Ltd., P-4, Lal Bahadur Nagar, Durgapura, Jaipur (Raj.)-475675.Regarding transfer of EC in the name of Sarpanch, Gram Panchayat, Uchaad Datia.

The prior EC was issued to Shri Kailash Chandra Gupta, M/s Esteem Infrabuild Pvt. Ltd., P-4, Lal Bahadur Nagar, Durgapura, Jaipur (Raj.)-475675..vide Letter No 801/SEIAA/16 dtd.20.04.2016 for an area of 8.010 ha at Village- Uchaad, Tehsil-Indargarh, District-Datia (MP).

As per New Sand Mine Policy 2017, Mineral Resources Department, Govt. of M.P. has allotted/transferred non-operational sand mines to gram panchayat/ local body vide letter No. F-19-26/2017/12/1 dated 11.01.2018 and modification letter No. F-19-26/2017/12/1 dated 9.2.18. PP (Gram Panchayat, Uchaad Datia) to make amendment in the Prior EC letter by changing the name of PP of the mining project in the name of Gram Panchayat, Uchaad Datia. The above application has been forwarded by Mining Division of Collector Office, Datia to SEIAA for transfer of prior EC in the name of Gram Panchayat, Uchaad Datia vide letter no. ग्वा./रेत/2017—18/1557 dtd 2.02.2018.

PP (Gram Panchayat, Uchaad, Datia) has submitted the following documents in support of his request:

- Application of Sarpanch, Gram Panchayat Uchaad, Datia for transfer of Prior EC in favour of the Gram Panchayat Uchaad, Datia.
- No objection letter of previous Project Proponent (to whom prior EC was granted) for transfer of prior EC in the name of Gram Panchayat Uchaad, Datia.
- Notarised affidavit of Sarpanch/Secretary, Gram Panchayat Uchaad, Datia mentioning that no legal action/ credible action has been initiated against the mine till date and commitment to comply all the standard and specific conditions stipulated in the prior EC issued.
- 4. Lease transfer order issued by Office of Collector (Mining Division) to Gram Panchayat, Uchaad, Datia vide letter No. 1635--3/खनि/3-6/रेत नीति/18/2015 dated 3.10.2018.

 Copy of Prior EC issued by MPSEIAA vide letter No. 801/SEIAA/16 dtd.20..04.2016.

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6. NOC of State Mining Corporation for transfer of EC in the name of Gram Panchayat, vide letter no रेत /2017-18 / 1069 dated 13.2.2018.

As per the notification issued by MoEF&CC on 14.09.2006, the policy on transferability of EC is as follows:-

11. Transferability of Environmental Clearance (EC):

A prior environmental clearance granted for a specific project or activity to an applicant may be transferred during its validity to another legal person entitled to undertake the project or activity on application by the transferor, or by the transferee with a written "no objection" by the transferor, to, and by the regulatory authority concerned, on the same terms and conditions under which the prior environmental clearance was initially granted, and for the same validity period. No reference to the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned is necessary in such cases

After detailed discussions on the MoEF&CC Notification regarding transferability and perusal of the above information, it has been decided to transfer the Prior EC issued on 20.04.2016 in favour of Sarpanch Gram Panchayat, Uchaad, Datia in the place Shri Kailash Chandra Gupta, M/s Esteem Infrabuild Pvt. Ltd., P-4, Lal Bahadur Nagar, Durgapura, Jaipur (Raj.)-475675 for Sand Quarry (opencast manual method) in an area of 8.010 ha. for production capacity of 80,100 cum/year at Khasra no.-1, at Village- Uchaad, Tehsil-Indargarh, District-Datia (MP) on the same terms & conditions and validity period under which the prior environmental clearance was initially granted. Copy to PP and all concerned.

10. Case No.4373/2015: Prior Environmental Clearance for Sand Quarry (opencast manual method) in an area of 19.200 ha. for production capacity of 1,92,200 cum/year at Khasra no.-117 at Village- Jara, Tehsil-Sevda, District-Datia (MP) by M/s Ambe Suppliers Pvt. Ltd., Shri Jitendra Singh, R/o W-21, First Floor, R.P. Rajauri Garden, New Delhi-475661.Regarding transfer of EC in the name of Sarpanch, Gram Panchayat, Vijoora Datia.

The prior EC was issued to M/s Ambe Suppliers Pvt. Ltd., Shri Jitendra Singh, W-21, First Floor, R.P. Rajauri Garden, New Delhi-475661.vide Letter No 799/SEIAA/16 dtd.20.04.2016 for an area of 19.200 ha at Village- Jara, Tehsil-Sevda, District-Datia (MP).

As per New Sand Mine Policy 2017, Mineral Resources Department, Govt. of M.P. has allotted/transferred non-operational sand mines to gram panchayat/ local body vide letter No. F-19-26/2017/12/1 dated 11.01.2018 and modification letter No. F-19-26/2017/12/1 dated 9.2.18. PP (Gram Panchayat, Vijoora Datia) has requested SEIAA, Datia vide L.No. GUL/Q dated 3.10.2018 to make amendment in the Prior EC letter by changing the name of PP of the mining project in the name of Gram Panchayat, Vijoora Datia. The above application has been forwarded by Mining Division of Collector Office, Datia to SEIAA for transfer of prior EC in the name of Gram Panchayat, Vijoora Datia vide letter no. ग्वा. /रेत/2017—18/1557 dtd 2.02.2018.

PP (Gram Panchayat, Vijoora Datia) has submitted the following documents in support of his request:

 Application of Sarpanch, Gram Panchayat Vijoora Datia for transfer of Prior EC in favour of the Gram Panchayat Vijoora Datia.

 No objection letter of previous Project Proponent (to whom prior EC was granted) for transfer of prior EC in the name of Gram Panchayat Vijoora Datia.

(Jitendra Singh Raje) Member Secretary (R.K. Sharma) Member (Rakesh K Shrivastava) Chairman

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- Notarised affidavit of Sarpanch/Secretary, Gram Panchayat Vijoora Datia mentioning that no legal action/ credible action has been initiated against the mine till date and commitment to comply all the standard and specific conditions stipulated in the prior EC issued.
- 4. Lease transfer order issued by Office of Collector (Mining Division) to Gram Panchayat, Vijoora Datia vide letter No. LS-86-3/खिन / 3-6 / रेत नीति / 18 / 2015 dated 28.09.2018.
- Copy of Prior EC issued by MPSEIAA vide letter No. 799/SEIAA/16 dtd.20..04.2016.
- 6. NOC of State Mining Corporation for transfer of EC in the name of Gram Panchayat, vide letter no रेत / 2017–18 / 1069 dated 13.2.2018.

As per the notification issued by MoEF&CC on 14.09.2006, the policy on transferability of EC is as follows:-

11. Transferability of Environmental Clearance (EC):

A prior environmental clearance granted for a specific project or activity to an applicant may be transferred during its validity to another legal person entitled to undertake the project or activity on application by the transferor, or by the transferee with a written "no objection" by the transferor, to, and by the regulatory authority concerned, on the same terms and conditions under which the prior environmental clearance was initially granted, and for the same validity period. No reference to the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned is necessary in such cases

After detailed discussions on the MoEF&CC Notification regarding transferability and perusal of the above information, it has been decided to transfer the Prior EC issued on 20.04.2016 in favour of Sarpanch Gram Panchayat, Vijoora Datia in the place M/s Ambe Suppliers Pvt. Ltd., Shri Jitendra Singh, W-21, First Floor, R.P. Rajauri Garden, New Delhi-475661.for **Sand Quarry** (opencast manual method) in an area of 19.200 ha. for production capacity of 1,92,200 cum/year at Khasra no.-117, Village- Jara, Tehsil-Sevda, District-Datia (MP) on the same terms & conditions and validity period under which the prior environmental clearance was initially granted. Copy to PP and all concerned.

Meeting ended with a vote of thanks to the Chair.

(Jitendra Singh Raje) Member Secretary

(R.K. Sharma) Member (Rakesh K. Shrivastav Chairman

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