



State Environment Impact Assessment Authority, M.P.
(Government of India, Ministry of Environment, Forest & Climate Change)

Environmental Planning Coordination Organization (EPCO)
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No: 1970 /SEIAA/2019

Date: 9.1.19

To,
The Chief Engineer,
Lower Narmada Project, Executive Engineer,
Narmada Development Division No. 25,
Narmada Nagar, Dist. Khandwa,
MP – 450119

Sub:- Case No.5734/2018: 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, District- . Khandwa, MP – 450119 E-mail : eend25 @ gmail.com Mob no. 9407277212 Env't. Consultant :R.S. Envirolink Technologies Pvt. Ltd.

Ref: Your application dtd. 13.08.18 received in SEIAA office on 21.08.2018

With reference to the above, the proposal has been appraised as per prescribed procedure & provisions under the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14th September 2006 and its amendments, on the basis of the mandatory documents enclosed with the application viz., Form I, pre-feasibility report, ToR, EMP Report, ppt. and additional clarifications furnished in response to observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- (i) The Kodwar Micro Lift Irrigation Scheme has been conceived to cater irrigation water to about 3660 Ha CCA in Khandwa and Punasa, tehsil of Khandwa districts in 13 villages.
- (ii) 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.
- (iii) 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.
- (iv) 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 report and is exempt from Public

Case No. 5734/2018

Issued vide letter no. dated

Case No.: To be quoted in registered cases for correspondence

Hearing; it require submission of EMP only However, Scoping Clearance of the project was taken as Category B1 (prior to August 2018 amendment).

- (v) Project is designed for discharge of 1.3 cumec.3 Rising mains : Length 6, 8 and 8 Km
Power Requirement : 1.738 W Distribution Network up to 2.5 ha chak in 3660 ha.
- (vi) 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.
- (vii) 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.
- (viii) 33 KV dedicated transmission line is required to bring power to the pump-houses. 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.
- (ix) 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 utilize only 1.30 cumec only.
- (x) 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.
- (xi) 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 lakh has been kept under this head.
- (xii) 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 proposed 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.
 - Mobile DG sets shall be used for lighting only during construction phase and they should meet emission and noise standards as per guidelines/standards issued by CPCB.

- 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.
- (xiii) 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.
- (xiv) 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.
- (xv) 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.
- (xvi) 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 drains.
 - 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.

- (xvii) 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.
- (xviii) 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.
- (xix) 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.
- (xx) 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
- (xxi) 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.
- (xxii) Project Cost: 69.61 Crore
- (xxiii) **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.

Based on the information submitted at Para i to xxvi above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 516th meeting held on 16.12.2018 and decided to accept the recommendations of 325th SEAC meeting held on dtd 01.12.18.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 & its amendments for the proposed 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 the compliance of the Standard Conditions and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

A. Specific Conditions as recommended by SEIAA

1. 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.
2. The implementation of Local Area Development Plan (LADP) to be closely monitored.
3. 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.
5. 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.
6. 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.
7. 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.
9. 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 the change, if any, in the water quality due to leaching of contaminants, if any, from the increased use of chemical fertilizers and pesticides.
10. 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.
12. 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 forest land area without obtaining forest clearance from DFO, Khandwa and same submitted to SEIAA within stipulated period of time as per MoEF&CC OM dated 09/09/2011 and its amendments OM dtd. 19.03.13.

B. Specific Conditions as recommended by SEAC

(A) PRE-CONSTRUCTION PHASE

14. During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
15. For dust suppression, regular sprinkling of water should be undertaken.
16. PP will obtain other necessary clearances/NOC from respective authorities.
17. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter shall also be made available to local bodies, Panchayat, State Pollution Control Board and Regional Office, MoEF & CC Gol, Bhopal.
18. Provisions shall be made for the housing of construction/plant erection labor within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

(B) CONSTRUCTION PHASE

19. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
20. Fire extinguishers should be provided on site during construction/ plant erection period.
21. Water sprinkling arrangements shall be made to suppress the fugitive emissions and shall ensure that the ambient air quality is well within the prescribed norms by MoEF&CC/CPCB/MPPCB.
22. All the electrical appliances and digging should be minimum 15 meters away from any permanent structure.
23. Properly tuned construction machinery and good condition vehicles with mufflers (low noise generating and having PUC certificate) should be used and turned off which not in use.
24. DG sets shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits.
25. Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
26. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
27. MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.

28. Waste oil generated from the DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.
29. The soil removed during the excavation will be stacked separately and will be used for the green belt development only.

(C) POST CONSTRUCTION/OPERATIONAL PHASE

30. Plantation shall be carried out by the PP as per submitted plan in the command area or on available degraded land.
31. Efficient irrigation systems should be promoted in the command area as Social Responsibility by the trained staff of the department.
32. Periodic soil/water testing shall be carried out in the command area and report to be submitted to Ministry of Agriculture with essential remarks.
33. Use of Solar Energy should be promoted in the project area where ever possible.
34. The project authorities should comply with the provisions made in the Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016, Plastic Waste Management Rules 2016, e-waste (Management) Rules, 2016, Construction and Demolition Waste Management Rules, 2016, Solid Waste Management Rules, 2016 etc.
35. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
36. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.

(D) ENTIRE LIFE OF THE PROJECT

37. A budgetary provision of Rs. 137.91 Lakh is made for Environmental Management Plan as capital and Rs. 202.00 Lakh up to five year as recurring cost, out of which A budgetary provision of Rs. 1.0 Lakh is made for implementing Environmental Monitoring Programme The environment policy of the company should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
38. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
39. All commitments pertaining to public hearing shall be mandatory on part of PP.
40. The environment policy should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
41. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.

42. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
43. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
44. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed project shall require a fresh Environment Clearance.

Standard Conditions:

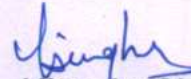
1. Adequate arrangements for providing free fuel like kerosene/wood/LPG shall be made at the project cost for the labors engaged in the construction work so that indiscriminate felling of trees is prevented.
2. Medical facilities as well as recreational facilities shall also be provided to the laborers.
3. The laborers to be engaged for construction works shall be thoroughly examined by health personnel and adequately treated before issuing them work permit.
4. Water sprinkling arrangements shall be made to suppress the fugitive emissions and shall ensure that the ambient air quality is well within the prescribed norms by MoEF/CPCB.
5. Potable drinking water and proper sanitary facilities shall be provided for the labor force.
6. Consolidation and compilation of the muck should be carried-out in the muck dump sites and the dump sites should be above high flood level. Restoration of construction area including dumping sites of excavated materials shall be ensured by leveling, filling up of borrow pits, landscaping etc. The area should be properly treated with suitable plantation.
7. The Regional Office of MoEF, GoI, Bhopal & MPPCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan and Monitoring Plan should be given to Regional Office, MoEF, GoI, Bhopal & MPPCB. The project proponent shall provide full cooperation during their inspection and all required documents/data to the officials.
8. Action plan with respect to suggestion/improvement and recommendations made and agreed during public hearing consultation shall be submitted to the Regional Office, MoEF, GoI, Bhopal, MPPCB within six months.
9. The responsibility of implementation of environmental safeguards and RR plan rests fully with the Water Resources Department GoMP and Government of Madhya Pradesh. The WRD Government of Madhya Pradesh should also monitor implementation of EMP at regular intervals preferably at the level of Principal Secretary.
10. Necessary livelihood plan for oustees is to be prepared, if found necessary, in consultation with State Government Departments concerned. The Water Resources Department Government of Madhya Pradesh should submit compliance on this components & also while submitting six monthly compliance report to MoEF, GoI, Regional Office, Bhopal.

11. PP should ensure implementation of all activities / mitigative measures / safeguards proposed in the Environmental Impact Assessment (EIA) report and Environmental Management Plan (EMP) approved by SEAC and other reports from time to time must.
12. All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.
13. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically.
14. The monitored data for criteria pollutant levels, namely; SPM, RSPM, SO₂, NO_x (ambient levels) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the dam site in the public domain.
15. The sewage or waste water should be properly collected, treated so as to conform to the standards prescribed by MoEF & CPCB. The treated effluents conforming to the prescribed standards shall be re-circulated and reused for horticulture / plantation.
16. Conjunctive use of surface water has to be planned and implemented in the project to check water logging as well as to increase productivity.
17. The equipment likely to generated high noise levels during construction period or otherwise shall have to meet the ambient noise level standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000 as amended from time to time under the Environment Protection Act (EPA), 1986. Workers shall be provided with ear plugs / muffs.
18. The Project Proponent has to submit half yearly compliance report of the stipulated terms and conditions in the Prior Environmental Clearance, including the results of monitored data in hard and soft copy to the Regulatory Authority, respective Zonal Office of CPCB and the SPCB and Regional Office of MoEF, Gol at Bhopal on 1st June and 1st December of each calendar year.
19. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
20. Adequate financial provision should be made in the total budget of the project for implementation of the above suggestion safeguard measures. The funds earmarked for environmental protection measures shall be kept in separate account and shall be fully utilized for the said purpose and not to be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, Gol, Regional Office located at Bhopal, CPCB & MPCB. In case of revision of the project cost due to price level change the cost of EMP shall also be updated proportionately and revised upwardly.
21. Water User Associated (WUA) Co-operative should have to be formed for efficient water use. Involvement of the community for disciplined and wise use of available waters should be ensured through training programme / effective interactive sessions.
22. On-farm development (OFD) works are to be completed by the project proponent simultaneously and before the commencement of irrigation. WUA's (Water Users Associations) should be made functional to undertake the OFD works. Special & critical monitoring of progress to be undertaken by the Water Resources Department GoMP to ensure that OFD works are completed along with main canal networks.

23. Details of land holding of project affected persons whose land is being acquired shall be submitted to MoEF&CC, GoI, Regional Office. The R & R benefits for the land losing households will be as per the National Rehabilitation and Resettlement Policy, 2007 or as per the State Rehabilitation and Resettlement Policy, whichever is more beneficial to the project affected villages. The R & R issues shall be completed before commissioning of the project. In case latest Act of 2014 is applicable, the same Act is to be followed.
24. The MP SEIAA or any other competent authority reserves the right to alter/modify or add additional, safeguard measures subsequently, if found necessary and to take action, including revoking of the clearance under provisions of the environment (Protection) Act 1986 to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
25. The Prior Environmental Clearance letter is valid for a period of 10 years from the date of issue of this letter for commissioning of the project.
26. A copy of the Prior Environmental Clearance issued by MP SEIAA shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat / Zila Parishad / Municipal Bodies as applicable, local NGO, if any, in addition to the associated Government Department from whom any suggestion / representations were received while processing the proposal and those responsible for controlling the proposed project, who in turn has to display the same for 30 days from the date of receipt. The clearance letter shall also be put on website by the project proponent.
27. State Pollution Control board / committee shall display a copy of the clearance letter at the regional office, district industries centre and collector's/tehsildar's office for 30 days.
28. The Project Proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the State Level Environment Impact Assessment Authority (SEIAA) website at www.mpseiaa.nic.in and copy the same shall be forwarded to the Regional Office, MoEF&CC, GoI, Bhopal.
29. After 5 years of the commissioning of the project a study shall be undertaken regarding impact of the project on the environment and downstream ecology. The study shall be undertaken by an independent agency to be decided in consultation with the Ministry / authority.
30. A multi disciplinary committee (MDC) for monitoring the implementation of environmental safe guards during construction shall be constituted by the project proponent (PP) in consultation with the state environment ministry as early as possible. A panel may be proposed by the PP and submitted to ministry. The Project Proponent shall organize six monthly meetings of the committee and submit the monitoring report to the ministry.
31. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to water borne diseases shall be carried out. Periodic monitoring for the workers shall be conducted and records maintained including health records of the

workers. Awareness programme for workers on impact on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.

32. The Project Proponent shall provide proper arrangement for the disposal of hazardous waste (if any) and obtain authorization under Hazardous Waste (Management Handling & Transboundary Movement) Rules from MPPCB.
33. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with amendments and rules.
34. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF.
35. Any other clearance required from any other organization / department should be obtained before commencement of works and commissioning of the project, as applicable.
36. Concealing factual data or submission of false / fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
37. Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days from the date of issue, as prescribed under Section 10 of the National Green Tribunal Act 2010.

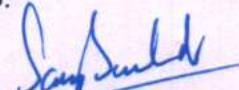

(Jitendra Singh Raje)
Member Secretary

Endt No. ¹⁹⁷¹ / SEIAA/ 2019

Dated 9.1.19

Copy to:-

- (1). Principal Secretary, Urban Development & Environment Deptt. 3rd Floor, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
- (3). Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, Distt- Khandwa (M.P.).
- (5). The Principal Chief Conservator of forest, Ground floor Satpuda Bhawan, Bhopal (M.P)
- (6). Director, I.A. Division, Monitoring Cell, MoEF, Gol, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 110 003
- (7). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (8). Guard file.


(Dr. Sanjeev Sachdev)
Officer-in-Charge