

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

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No: /307 /SEIAA/2017 Date: 7.18.12

To, Executive Engineer, Narmada Development Division No. 16, Kukshi, Dist. Dhar (M.P)-454331

Sub:- Case No.5531/2017: Prior Environmental Clearance for Alirajpur Lift Irrigation Scheme at Village-Near Roligaon village, Tehsil-Sondwa, District-Alirajpur (M.P) Cultivable Command Area – 35,000 ha, Gross Command area- 64500 ha by Executive Engineer, Narmada Development Division No. 16, Kukshi, Dist. Dhar (M.P)-454331, E-mail:eendd16kukshi@gmail.com, Ph. No. – 07297-242307.Env. Consultant: R.S. Envirolink Technologies Pvt. Ltd. Gurgaon

Ref: Your application dtd. 20.03.17 received in SEIAA office on 20.03.2017

With reference to 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), dtd. 14.09.06 & its amendments, on the basis of the mandatory documents enclosed with the application viz., Form I, prefeasibility report, ToR, EIA Report, PPT and additional clarifications furnished in response observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- (i). The project "Alirajpur Lift Irrigation Scheme" is designed to provide irrigation facilities to the water-scare areas in Sondwa, Jobat, Kattiwada and Alirajpur tehsils of Alirajpur District to improve irrigation efficiency. The Scheme has been conceived to cater irrigation water to about 35,000 ha of CCA in 70 villages of 4 tehsils of Alirajpur district.
- (ii). This is a River Valley projects involving < 10,000 ha. of cultivable 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,2006 and its amendments. SO 3067 (E) dated 01/12/2009.
- (iii). There is no interstate boundary (EE, PWD, Alirajpur letter dtd 25.02.17) or wildlife sanctuary, National park, etc. within 10 km of the project area (DFO letter dtd. 07.03.17). Hence general conditions are not attracted.
- (iv). The project is envisaged as micro lift irrigation scheme by lifting 12.6 cumed of water with total annual utilization of 130.64 MCM from Hathni river to provide irrigation in an area of 35000 ha in Alirajpur dist. Major components of the scheme area as follows:

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- Construction of 3 Nos pump houses.
- Construction of 3 Nos Distribution chambers
- Rising Main Pipe Line.
- Distribution network pipe line.
- Electrical Transmission line
- (v). Public hearing was held on 29<sup>th</sup> July 2017 at Mukhyamantri Gramin Haat Bazar Complex, Village Walpur, Tehsil Sondwa, District Alirajpur. under the Chairmanship of District Magistrate, Alirajpur District. During the public hearing, public in one voice asserted that project should implemented at the earliest so that irrigation benefits can be reaped.
- (vi). Project would require 3.5 ha of government/private land (0.85 ha is private land; 2.65 ha is government land) permanently for pump houses etc. 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. The temporary land requirement is approximately 80ha. Farmers will be compensated for temporary land use as per law.
- (vii). Since it is a lift irrigation scheme, there is no submergence involved. hence no impacts on forest, flora and fauna and no R&R issues involving displacement of population. Projects only involve lifting and distribution of water, therefore no associated risks No pollution during the operation of the schemes.
- (viii). Forest land requirement for the entire scheme has been worked as 14.958 ha. For diversion of forest land PP has already been submitted; vide reference no. FP/MP/IRRIG/29973/2017.
- (ix). The power requirement in the whole system is designed not to exceed 35.50 MW for 15 Years, which includes main as well as auxiliary energy requirement of the pumping and other systems.
- (x). The soil of the area is typically sandy loam type. Soil of study area is alkaline in nature at most of the sites have pH values ranging from 7.12 to 8.72
- (xi). Organic matter content also is good mainly due to presence of decomposed agricultural waste and leaf litter.
- (xii). The concentration of key nutrients like Nitrogen, phosphorus and potassium in the soil is indicative of medium soil fertility rating. Salinity is low at all locations.
- (xiii). 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.
- (xiv). For control of air pollution PP has proposed adequate stack height of DG sets, regular check up of vehicular emissions, water sprinkling to avoid fugitive dust, etc
- (xv). Pipeline route have been planned in a manner to avoid crossing of major water bodies. 2 small rivers and 20 seasonal nallas will fall on the route. Since piped conveyance of water is envisaged, there is no danger or possibility of contamination of streams' water during the operation phase. No streams, nallahs, roads etc are proposed to be diverted as pipe line will mostly pass below the same or in some cases it will pass above streams.
- (xvi). Anti Corrosion measures. (epoxy paint internally and guniting at outside is proposed where the pipeline is underground. Pipeline exposed to the

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- atmosphere will be painted by epoxy paint both inside and outside to prevent the corrosion
- (xvii). For Management of Pipeline Leakage and Bursting PP has proposed the following:
  - a. The entire system is managed by SCADA (Supervisory Control and data Acquisition)
  - b. 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.
  - c. If any leakage/theft/bursting occurs; valves will automatically close
  - d. In the worst case scenario, the maximum volume of residual water, works out as 30588 m³ only.
  - e. 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 the watershed boundary.
  - f. A provisions of two nos of chassis mounted dewatering pumps of adequate capacity has been made for the purpose of clearing the water logged areas during emergency.
  - g. A budgetary provision of Rs. 30 lakh and recurring cost of Rs 15 lakh for five years have been made for the same.
- (xviii). Total quantity of muck for disposal is calculated as 3.9 lakh cum which will be generated linearly for a distance of 133 Km. The extra muck shall be laid in the undulating area of the connected villages with the consent of concerning Gram-panchayat or Janpad Panchayat.
- (xix). PP has proposed following Preventive Measures for Silting in Pipeline:
  - a. The lifting of water is envisaged from the running canal where the water is relatively silt free because the canal off takes from a large reservoir
  - b. 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).
  - c. The pipeline of entire distribution system will have a velocity ranging from 0.6 m/s to 2.1 m/s which is more than self-cleansing velocity of 0.6 m/s (Ref: Manual of Water Supply and treatment, CPHEEO)
  - d. 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 nalla/stream.
- (xx). For afforestation in Command area PP has proposed plantation in 200 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. 900 lakh has been made for the same. The micro irrigation system shall require 14.958 ha of forest area. Compensatory afforestation will be taken up on non-forest land. Hence, as per the guidelines of Forest Conservation Act, 1980.

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Issued vide letter no. 13.07... dated .7.12.12

Based on the information submitted at Para i to xx above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 457<sup>th</sup> meeting held on 17.11.2017 and decided to accept the recommendations of 297<sup>th</sup> SEAC meeting held on dtd 08.11.2017.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14<sup>th</sup> September 2006 & its amendments to the Proposed "Alirajpur Lift Irrigation Scheme at Village-Near Roligaon village, Tehsil-Sondwa, District-Alirajpur (M.P) Cultivable Command Area — 35,000 ha, Gross Command area- 64500 ha by Executive Engineer, Narmada Development Division No. 16, Kukshi, Dist. Dhar (M.P)-454331 subject to the following Specific Conditions as recommended by SEIAA & SEAC in its meetings.

#### A. Specific Conditions as recommended by SEIAA

- 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 and submit the same to MPSEIAA.
- 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 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, proper selection of species including trees with canopy, fruit bearing trees and grasses should be planted. 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.

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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.

#### B. Specific Conditions as recommended by SEAC

#### (A) PRE-CONSTRUCTION PHASE

- 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. 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

- 18. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
- 19. Fire extinguishers should be provided on site during construction/ plant erection period.
- 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.
- 21. No digging should be carried out within the 15 meters of any structure (intended to 01 meter digging).
- 22. Properly tuned construction machinery and good condition vehicles (low noise generating and having PUC certificate) should be used.

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- 23. 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.
- 24. 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.
- 25. MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
- 26. 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.
- 27. 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

- 28. Muck management shall be carried out as per the submitted plan.
- 29. Plantation shall be carried out by the PP as per submitted plan in the command area or on available degraded land.
- 30. Efficient irrigation systems should be promoted in the command area as Social Responsibility by the trained staff of the department.
- 31. Periodic soil/water testing shall be carried out in the command area and report to be submitted to Ministry of Agriculture with essential remarks.
- 32. Use of Solar Energy should be promoted in the project area where ever possible.
- 33. 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.
- 34. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
- 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

- 36. As proposed, power requirement should not exceed 35.50 MW.
- 37. The proposed EMP and CSR cost is Rs. 965.00 lacks and Rs. 740.00 lacks for 05 years are proposed as recurring expenses out of which Rs. 760.95 lacks is proposed for green belt development and Rs. 300.00 lacks for 05 years for recurring expenses for plantation in the proposed EMP of this project. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
- 38. All commitments pertaining to public hearing shall be mandatory on part of PP.

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- 39. 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.
- 40. 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.
- 41. 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.
- 42. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- 43. 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 mining unit shall require a fresh Environment Clearance.

(P.Narahari)
Member Secretary

1308

Endt No. / SEIAA/ 2017

Dated 7-12-17

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, MPPCB, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, Distt- Dhar (M.P.).
- (5). The Principal Chief Conservator of forest, Ground floor Satpuda Bhawan, Bhopal (M.P)
- (6). The Add. Chief Conservator of forest (C), Regional Office(WZ), Ministry of Environment & Forests, Kendriya Paryavaran Bhawan, Link Road No-3, E-5, Arera Colony Bhopal (M.P)- 462016
- (7). Director, I.A. Division, Monitoring Cell, MoEF, Gol, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 110 003
- (8). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.

(9). Guard file

(Dr. Sanjeev Sachdev)
Officer-in-Charge

(Government of India, Ministry of Environment & Forests) Enviornmental Planning & Coordination Organization (EPCO), Paryavaran Parisar, E-5. Arera Colony, Bhopal-4620 16

Annexure-2

Part -B: Standard Conditions related to Activity 1 (c)- River Valley Projects of Category-B under the Schedule of Ministry of Environment and Forest Gol notification dtd 14-09-06

- 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.
- Medical facilities as well as recreational facilities shall also be provided to the
- The laborers to be engaged for construction works shall be thoroughly examined by 3. health personnel and adequately treated before issuing them work permit.
- 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.
- Potable drinking water and proper sanitary facilities shall be provided for the labor 5.
- Consolidation and compilation of the muck should be carried-out in the muck dump 6. 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, filing up of borrow pits, landscaping etc. The area should be properly treated with suitable plantation.
- The Regional Office of MoEF, Gol, 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, Gol, Bhopal & MPPCB. The project proponent shall provide full cooperation during their inspection and all required documents/data to the officials
- Action plan with respect to suggestion/improvement and recommendations made 8. and agreed during public hearing consultation shall be submitted to the Regional Office, MoEF, Gol, Bhopal, MP PCB within six months
- 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.
- 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 component & also while submitting six monthly compliance report to MoEF, Gol Regional Office, Bhopal.
- PP should ensure implementation of all activities / mitigative measures /safeguards proposed in the Environmental Impact Assessment (EIA) report and Environmental

(Ms Dipali Rastogi)

Dated 7:12.1

Member Secretary I/c

(Shri H.S. Verma)

(Shri Waseem Akhtar)

Chairman

**RELAAMember** 

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Paryavaran Parisar, E-5. Arera Colony, Bhepal-4620 16

Management Plan (EMP) approved by SEAC and other reports from time to time must.

 All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.

 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, NOx (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.

 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, GoI 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 suggested 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.

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(Shri H.S. Verma)

(Shri Waseem Akhtar) Chairman

(Ms Dipali Rastogi) Member Secretary I/c

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(Government of India, Ministry of Environment & Forests) Enviornmental Planning & Coordination Organization (EPCO). Paryavaran Parisar, E-5. Arera Colony, Bhopal-4620 16

Details of land holding of project affected persons whose land is being acquired shall be submitted to this MoEF 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 persons (PAFs). Adequate publicity of the compensation package shall be given in the 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:

In case of any, change in scope of work, technology, modernization and 24. enhancement of capacity shall again require prior environmental clearance as per

EIA notification, 2006.

EIA notification, 2006.

The M.P SEIAA or any other competent authority reserves the right to alter/modify 25. 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.

The Prior Environmental Clearance letter is valid for a period of 10 years from the 26.

date of issue of this letter for commissioning of the project.

A copy of the Prior Environmental Clearance issued by MP SEIAA shall be 27. submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat/Zilla Parishad/ Municipal Bodies as applicable, local NGO, if any, in addition to the associated Government Departments 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.

State Pollution Control board/committee shall display a copy of the clearance letter 28. at the regional office, district industries centre and collector's/tehsildar's office for 30

days.

The Project Proponent shall advertise at least in two local newspapers widely 29. 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 a copy of the same shall be forwarded to the Regional Office, MoEF, Gol, Bhopal.

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.

A multi disciplinary committee (MDC) for monitoring the implementation of 31. 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

(Shri H.S. Verma)

(Shri Waseem Akhtar) Chairman

(Ms Dipali Rastogi) Member Secretary I/c 1707- 8 Member

(Government of India, Ministry of Environment & Forests)
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proponent shall organize six monthly meetings of the committee and submit the monitoring report to the ministry.

Occupational health and safety measures for the workers including identification of 32. 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.

Use of Solar Energy should be promoted in the project area where ever possible 33.

Commitment towards CSR have to be followed strictly. 34.

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 2008 from MPPCB.

The above conditions will be enforced inter-alia, under the provisions of the Water 36. (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.

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.

Any other clearance required from any other organisation/department should be obtained before commencement of works and commissioning of the project, as

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.

Any appeal against this prior environmental clearance shall lie with the Green 40. Tribunal, 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.

(Ms Dipali Rastogi) Member Secretary I/c (Shri H.S. Verma) Member

(Shri Waseem Akhtar)

Chairman

Dated 2.1

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