



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

Environmental Planning & Coordination Organization

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No.: 1051 /SEIAA/ 21

Date: 31.5.21

To,
Executive Engineer,
Narmada Development Div No.18,
Damkheda Colony Khargone
MP- 451001

Sub: Case No.5633/2018: Prior Environment Clearance for Pipari Micro Lift Irrigation Scheme, Supply Source Lifting Point: Indira Sagar Main Canal from R.D. – 117.5 km. Near Village- Kondapur, at Village Kondapur, Distt. – Khargone (M.P.) Distribution Point Pokharkhurd, CCA – 7000 To 17000 ha. GCA- 9000- 29508 ha., (Total 61 Villages of Khargone district will be benefited) Lifting Point is at ISP Canal 117.5 to 118.5 (Lifting point will be shifted 1 km downstream); by Executive Engineer, Narmada Development Div No. 18, Damkheda Colony Khargone (MP)-451001 E-mail: eedn18kgn@gmail.com Mob no. – 8965958899 Env't. Consultant: R S Envirolink Technologies Pvt Ltd, Gurgaon

Ref: Your online application (SIA/MP/RIV/163200/2020) dtd. 17.03.21 received in SEIAA office on 24.03.2021

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), dated 14th September 2006 and its amendment, on the basis of the mandatory documents enclosed with the application viz., Form -I, pre-feasibility report, EIA report, ppt and additional clarifications furnished in response to the observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- i. The proposed project, Pipari Micro Lift Irrigation Scheme, has CCA of 17000 ha; In Pipari Micro Lift Irrigation scheme, 6.05 cumec of water from Indira Sagar Main Canal at R.D. 118.50 km will be lifted by using 2 pump houses and distributed in command through rising mains and gravity mains up to Distribution network to irrigate 17,000 ha CCA.
- ii. The project site is located at Latitude 750 3803.58"E and Longitude 21°58' 22.34 "N.
- iii. The quantum of water being lifted for this project is included in the water share of MP as per NWDT award. Water will be lifted from ISP Main Canal where ample surplus water is available for the scheme.
- iv. Study area comprises of area within 2.5 km buffer on either side of pipeline (water conductor system) and command area.

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- v. Water will be supplied during Rabi season upto 2.5 ha chak size under adequate pressure for drip/sprinkler system to be installed by cultivators.
- vi. 61 villages of Khargone district will be benefitted:

District	Tehsil	No. of Villages
Khargone	Khargone	48
	Kasrawad	11
	Segaon	02
Total		61

- vii. The Project consists of following Components:
- Pump Houses (2 numbers)
 - Rising mains (2 numbers) – (36.61 km total length)
 - Distribution Network (HDPE) from 20 ha chak to 2.5 ha chak
 - Flow & Pressure Control Valves, Air valves
 - Power Transmission Line
- viii. There is no wildlife sanctuary, National park Sanctuary, Defense Establishments, Archeological Monuments, Notified Eco-sensitive areas or protected area under Wildlife (Protection) Act and interstate boundary within 10 km of the project area, hence general conditions are not attracted.
- ix. As per EIA Notification of September 2006 and subsequent amendments, Irrigation Projects, listed at item 1(c) of Schedule, having culturable command area (CCA) greater than or equal to 10,000 ha and less than 50,000 ha are considered as category B1 project; and are therefore be appraised at State level.
- x. Earlier the case was considered in 307 SEAC meeting dtd. 23.02.18 wherein ToR was recommended and Tor letter issued by SEAC vide their letter No. 101/PS-MS/MPPCB/SEAC/307/2018 dated 15/03/2018. Vide letter dtd. 29.10.20 received in SEIAA office 03.11.20 and requested for amendment in ToR the same was discussed in SEAC meetings 466th dated 26/11/20 and wherein PP submitted that they have applied for TOR amendment as the CCA has increased from 7000 ha to 17,000 ha and GCA has also increased from 9000 ha to 29,508 ha. With this increase, the benefitted number of villagers will also be increased from 16 to 61. PP further submitted that no forest area is involved in the project thus FC clearance is not required. The committee after deliberations decided to recommend amendment in TOR for conducting the EIA study along with CCA from 7000 ha to 17,000 ha and GCA 9,000 ha to 29,508 ha. The other conditions will remain the same as per TOR recommended in 307 SEAC meeting dated 23-02-18. Accordingly after approval in amendment ToR letter issued by SEAC vide their letter No. 855/PS-MS/MPPCB/SEAC/466/2020 dated 09/12/2020.
- xi. Public Hearing for the Pipari Micro Lift Irrigation Scheme was conducted by Madhya Pradesh State Pollution Control Board (MPSPCB) on 6th March 2021 at Gram Panchayat Bhawan Village Surpala (Dahbad), Tehsil Khargone, District Khargone. Meeting was chaired by Upper Collector, Khargone District.No objection is raised by the participants.
- xii. PP has submitted the EIA report on 24/03/2021 & sent to SEAC vide letter no. 7512 dated 24.03.21 and discussed in 494th meeting and recommended for grant of prior EC.

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xiii. **Permanent Land Requirement**

- Permanent land would be required for the construction of pump-houses, sub-stations, valve chambers, and laying of pipeline/transmission line etc.
- Permanent land requirement has been worked out as 4 ha; out which 1.668 ha is private land. Remaining land is in possession of NVDA along the canal for PH1.
- No forest land will be diverted for the project
- Private Land Required for the Project 1.668 ha .Out of the total private land 0.6 ha (Khasra no. 82/3) Jamla, Ksararawad Khargone required for PH1 and 1.068 (Khasra no. 12/02/04) Land of Narsingpur Khargone for PH2 .List of Project Affected Families (PAFs), whose are owners of the 1.668 ha private land to be procured for the project has been prepared.

xiv. **Land for Transmission Lines**

132/33 KV dedicated transmission line is required to bring power to the pump-houses. For PH1, 132/33 KV power Line will be brought from Khargone substation with total length of 13 km; and for PH2, power line will be brought from Talakpura substation with total length of 14 km. Transmission line routes are planned in a manner so that these towers will not be erected on forest land.

xv. **Temporary Land for Laying of Pipeline**

The pipe shall be laid 1.00 m below average ground level and land will be restored immediately on completion of the work. Wherever, the pipeline/ transmission line will be pass through private land, temporary land acquisition will be done as per the applicable law. Total temporary land requirement is worked out as 36 ha.

xvi. **In micro lift irrigation schemes, air pollution occurs mainly during project construction phase. The major sources of air pollution during construction phase are:**

- Pollution due to fuel combustion in various equipment.
- Emission from various construction plants.
- Fugitive emissions from material handling and transportation.

During operation phase, no major impacts are envisaged on air quality. 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.

xvii. **Construction phase:** 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. PP stated that Conservation of water will be implemented at construction sites to minimize the generation of wastewater.

Operation phase: Positive Impacts on ground water due to reduced abstraction of the ground water for irrigation. No adverse impact on any downstream users is expected as the project water allotment is carefully planned. Impacts on water logging and soil salinity are generally envisaged in flow irrigation schemes, however, no such impacts are envisaged due to micro irrigation.

xviii. **Total quantity of muck** Total quantity of muck excavated 346736.105 cum which will be generated from a network of trenches with total length of 113.67 Km. During



excavation care will be taken that top fertile soil is kept aside and will not be used for filling the excavated area after laying pipe line. This top soil will be spread on adjoining farming fields with consent of farmers or alternatively will be used for green belt development. 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. Construction and demolition waste will be handled in line with the guidelines for handling such wastes given in Construction & Demolition Waste Management Rules, 2016. 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.
- xx. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report. Municipal Solid Waste generated from labour camps shall be disposed off at a designated place in consultation with the local authority.
- xxi. The Power required to lift the 6.052 cumecs of water is approximate 11.89 MW. This has been planned to be supplied from –suitable Power supply of MPPKVCL. The irrigation for area has been planned by lifting water from Indira Sagar Canal and delivered through pipe line. Electricity for lifting water shall be obtained from M.P.S.E.B.
- xxii. 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
 - A provisions of two chassis mounted dewatering pumps of adequate capacity has been made for the purpose of clearing the water logged areas during emergency.
- xxiii. Plantation in 42.5 hectare (0.25% of command) in several patches in government land is proposed. The species to be planted will be chosen in consultation with local villagers and will be site specific. Such as Teak, Dhawda, Sisham, Bamboo, Siras, Amaltas, Karanj, Neem, Sagon, Aonla, Mahua, Khair, Babool etc. The plantations will be done by forest wing of NVDA. These plantations will be maintained for five years & will be handed over to Panchayat for management.
- xxiv. Since there is no major wildlife reported in the project area, hence no adverse impacts are anticipated on this account. The project area is not on the migratory routes of animals and therefore, the construction of project will not affect migration of animals as well.
- xxv. Based on the socio-economic survey, under the Local Area Development Plan following specific physical targets are proposed:

Sl. No.	Item	Budget (Rs. inlakh)
1	Primary health Centre, Village Hasanpur, Tehsil Khargone –	20.00

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Sl. No.	Item	Budget (Rs. inlakh)
	improvement of infrastructure, repair and painting of building, improvement of toilets (separate for male and female), purchase of DG set, purchase of furniture and wheel chairs, purchase of water cooler.	
2	Primary health Centre, Village Nimgul, Tehsil Khargone – improvement of infrastructure, repair and painting of building, improvement of toilets (separate for male and female), purchase of DG set, purchase of furniture and wheel chairs, purchase of water cooler.	20.00
3	Primary health Centre, Village Rangam, Tehsil Khargone – improvement of infrastructure, repair and painting of building, improvement of toilets (separate for male and female), purchase of DG set, purchase of furniture and wheel chairs, purchase of water cooler.	20.00
4	Primary health Centre, Village Temla, Tehsil Khargone – improvement of infrastructure, repair and painting of building, improvement of toilets (separate for male and female), purchase of DG set, purchase of furniture and wheel chairs, purchase of water cooler.	20.00
5	Primary health Centre, Village Romchichli, Tehsil Khargone – improvement of infrastructure, repair and painting of building, improvement of toilets (separate for male and female), purchase of DG set, purchase of furniture and wheel chairs, purchase of water cooler.	20.00
6	Primary health Centre, Village Jamla, Tehsil Kasrawad – improvement of infrastructure, repair and painting of building, improvement of toilets (separate for male and female), purchase of DG set, purchase of furniture and wheel chairs, purchase of water cooler.	20.00
7	Primary health Centre, Village Silotia, Tehsil Segaoon - improvement of infrastructure, repair and painting of building, improvement of toilets (separate for male and female), purchase of DG set, purchase of furniture and wheel chairs, purchase of water cooler.	20.00
8	Government Middle School, Village Balkhed Khurd, tehsil Kasrawad – Repair and painting of building, purchase of desks and chairs, improvement of lighting, purchase of water cooler,	20.00
9	Primary School, Village Rangam, Tehsil Khargone – funds for improvement of infrastructure, repair and painting of building, purchase of furniture and water cooler; etc.	15.00
10	Primary School, Village Hasanpur, Tehsil Khargone – funds for improvement of infrastructure, repair and painting of building, purchase of furniture and water cooler; etc.	15.00
11	Primary School, Village Nimgul, Tehsil Khargone – funds for improvement of infrastructure, repair and painting of building, purchase of furniture and water cooler; etc.	15.00
12	Primary School, Village Templa, Tehsil Khargone – funds for improvement of infrastructure, repair and painting of building, purchase of furniture and water cooler; etc.	15.00
13	Primary School, Village Romchichli, Tehsil Khargone – funds for improvement of infrastructure, repair and painting of building, purchase of furniture and water cooler; etc.	15.00
14	Primary School, Village Jamla, Tehsil Kasrawad – funds for improvement of infrastructure, repair and painting of building, purchase of furniture and water cooler; etc.	15.00
15	Primary School, Village Silotia, Tehsil Segaoon – funds for improvement of infrastructure, repair and painting of building,	15.00

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Sl. No.	Item	Budget (Rs. in lakh)
	purchase of furniture and water cooler; etc.	
16	Skill training programs for youth aged between 18-35 years from SC/ST category as per the employment oriented national standards (under the National Skill Qualification Framework) through Mukhyamantri Kaushal Vikas Yojana, which is a state government scheme and under which skill enhancement training programs are conducted by various departments to increase quality and employment opportunities such as data entry, customer care, Solar PV installer, Electrician, mobile repair, etc.	25.00
17	Contribution to "Scholarship Schemes" of Tribal Welfare Development department of Government of Madhya Pradesh. For providing scholarship to the Scheduled Tribe students of the state (preference from Khargone district) for promotion in education so that they can join the mainstream of the society.	25.00
18	Girls hostel, Khargone for purchase of beds, tables and chairs	15.00
19	Girls hostel, Kasrawad for purchase of furniture	15.00
20	Boys hostel Khargone, for infrastructure improvement and addition of rooms	15.00
21	Boys sport complex Khargone, for purchase of sports goods and improvement of infrastructure	10.00
22	Plantation in 42.5 ha in command area	191.25
23	Health Camps in command area	25.00
	Total (Rs. In lakh)	586.25

xxvi. Total cost of project Rs. 293.18 Crore

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 673rd meeting held on 06.04.2021 and decided to accept the recommendations of 494th SEAC meeting held on dated 31.03.2021.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 & its amendments to the proposed Pipari Micro Lift Irrigation Scheme, Supply Source Lifting Point: Indira Sagar Main Canal from R.D. – 117.5 km. Near Village- Kondapur, at Village Kondapur, Distt. – Khargone (M.P.) Distribution Point Pokharkhurd, CCA – 7000 To 17000 ha. GCA- 9000- 29508 ha., (Total 61 Villages of Khargone district will be benefited) Lifting Point is at ISP Canal 117.5 to 118.5 (Lifting point will be shifted 1 km downstream); by Executive Engineer, Narmada Development Div No. 18, Damkheda Colony Khargone (MP)- 451001 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. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/Committee.
2. Besides the agricultural land, the rehabilitation of public buildings, infrastructures, monument etc. falling in the submergence area should also be included in the rehabilitation plan.
3. 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.

4. The implementation of Local Area Development Plan (LADP) to be closely monitored as proposed for the villages Hasanpur, Nimgul, Rangam, Temla and Romchichli villages of and Tehsil Khargone and village Jamla and Village Balkhed of Tehsil Kasrawad and report to be submit to SEIAA.
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 should be developed in several patches in government land, as proposed in 42.50 ha of area. 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. Allocated grant for this purpose shall be fully utilised and not to be diverted for any other purpose.
7. 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.
8. If the water of reservoir is used for drinking water supply, it should be done after conventional treatment.
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. PP should ensure to address the issue raised in the Public Hearing meeting regarding connect the Bawarcha talab and Gujari talab in Idratpur to the scheme in favor of villagers and wildlife. Villagers appealed to start the scheme as soon as possible and suggested to connect the Jaljyati talab and Sujari talab so that drinking water will be available.
11. PP should ensure to implement CER activities as proposed in consultation with Gram Panchyat/District administration.
12. PP should ensure to submit half yearly compliance report with photographs of plantation in MP-SEIAA. If PP is failed to upload or submit two consecutive half yearly compliance reports of EC conditions to concerned authority (SEIAA and Regional Office, MoEF&CC, Gol,Bhopal) than prior environmental clearance issued to PP will automatically be treated as cancelled/ revoked as per OM No. 930/SEIAA/2019 dated 30.05.2019 issued by MPSEIAA.

B. Specific Conditions as recommended by SEAC

I Statutory Compliance

- i. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation



report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)

- ii. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee

II. Air quality monitoring and preservation

- i. Regular monitoring of various environmental parameters viz., Water Quality, Ambient Air Quality and Noise levels as per the CPCB guidelines at designated locations shall be carried out on monthly basis and a detailed database of the same shall be prepared and recorded. This shall be used as a baseline data for post construction EIA / Monitoring purposes.
- ii. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed standards.
- iii. Necessary control measures such as water sprinkling arrangements, etc. be taken up to arrest fugitive dust at all the construction sites.

III Water quality monitoring and preservation

- i. Mixed irrigation shall be practiced and necessary awareness be given to all the farmers and trained in the use of such systems. Proper crops selection shall be carried out for making irrigation facility more effective.
- ii. On Farm Development (OFD) works like landscaping, land leveling, drainage facilities, field irrigation channels and farm roads, etc. should be taken up in phased manner prior to the start of irrigation in the entire command area. The Command Area Development Plan should be strictly implemented as proposed in the EIA/EMP report.

IV Noise monitoring and prevention

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

V Waste management

- i. Muck disposal (1.708 lakh cum) be carried out only in the approved and earmarked sites. The dumping sites shall be located sufficiently away from the HFL of the river. Efforts be made to reuse the muck for construction and other filling purposes and balanced be disposed of at the designated disposal sites. Once the muck disposal sites are inactive, proper treatment measures like both engineering and biological measures be carried out so that sites are stabilized quickly.
- ii. Solid waste management should be planned in details. Land filling of plastic waste shall be avoided and instead be used for various purposes as envisaged in the EIA/EMP reports. Efforts be made to avoid one time use of plastics.

VI Green Belt and Wildlife Management

- i. Plantation area 42.50 ha. with 51,000 number of saplings.

- ii. Wildlife Conservation Plan prepared for both core and buffer zones shall be implemented in consultation with the local State Forest Department.
- iii. To enrich the habitat of the project site, plantation shall be raised as envisaged in the EIA/EMP report. Plantation to be developed with local indigenous species in consultation with the local State Forest Department.

VII Public hearing and Human health issues

- i. Resettlement & Rehabilitation plan be implemented in consultation with the State Govt. as approved by the State Govt.
- ii. Budget provisions made for the community and social development plan including community welfare schemes shall be implemented in toto.
- iii. Preventive measures viz. fuming and spraying of mosquito control shall be done in and around the labour colonies, affected villages, stagnated pools, etc. Provisions be made to not to create any stagnated pools to avoid creation of breeding grounds of the vector borne diseases
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Labour force to be engaged for construction works shall be examined thoroughly and adequately treated before issuing them work permit. Medical facilities shall be provided at the construction sites.
- vi. Emergency preparedness plan be made for any eventuality.

VIII EMP & Corporate Environment Responsibility

- i. A budgetary provision of Rs. 635.25 Lakhs is made for Environmental Management Plan. Capital cost Rs. 81.0 Lakhs and Rs. 554.25 lakhs as recurring cost.
- ii. Skill mapping be undertaken for the youths of the affected project area and based on the skill mapping, necessary trainings to the youths be provided for their long time livelihood generation.
- iii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iv. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- v. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent

authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

VIII Miscellaneous

- i. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company
- ii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- iii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- iv. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee. v. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

Standard Conditions:

1. The Regional Office of MoEF, Gol, Bhopal & MP PCB 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 & MP PCB. The project proponent shall provide full cooperation during their inspection and all required documents/data to the officials.
2. The responsibility of implementation of environmental safeguards and RR plan rests fully with the NVDA Department GoMP and Government of Madhya Pradesh. The NVDA Government of Madhya Pradesh should also monitor implementation of EMP at regular intervals preferably at the level of Principal Secretary.
3. Necessary livelihood plan for oustees is to be prepared, if found necessary, in consultation with State Government Departments concerned. The NVDA Department Government of Madhya Pradesh should submit compliance on this components & also while submitting six monthly compliance report to MoEF, Gol, Regional Office, Bhopal.
4. 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.
5. 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



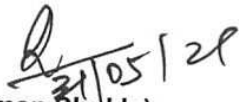
- Noise Pollution (Regulation and Control) Rules, 2000 as amended from time to time under the Environment Protection Act (EPA), 1986. Workers shall be provided with ear plugs / muffs.
6. The Project Proponent has to submit half yearly compliance report of the stipulated terms and conditions in the Prior 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.
 7. 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.
 8. 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.
 9. 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.
 10. 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.
 11. 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.
 12. 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.
 13. 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.
 14. 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.

15. 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.
16. 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.
17. 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.
18. Any other clearance required from any other organization / department should be obtained before commencement of works and commissioning of the project, as applicable.
19. 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.

Endt No. ¹⁰⁵² / SEIAA/ 2021

Dated 31.5.21


(Shriman Shukla)
Member Secretary

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, District- Kharagone (M.P.).
- (5). The Principal Chief Conservator of forest, Ground floor Satpuda Bhawan, Bhopal (M.P)
- (6). Director, I.A. Division, Monitoring Cell, MoEF, GoI, 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.


(Alok Nayak)
Officer-in-Charge

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Case No. 5633/2018

Issued vide letter no. dated

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