



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Madhya Pradesh)

To,

The Executive Engineer
 EE NVDA DEVELOPMENT DIVISION 12
 Executive Engineer ,ND Dn1,Rajpur -451447

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MP/RIV/218709/2021 dated 10 Jul 2021. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC21B003MP118685
2. File No.	8602/2021
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	1(c) River Valley projects
6. Name of Project	Pati Micro Lift Irrigation Project
7. Name of Company/Organization	EE NVDA DEVELOPMENT DIVISION 12
8. Location of Project	Madhya Pradesh
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 19/12/2021

(e-signed)
Shriman Shukla
Member Secretary
SEIAA - (Madhya Pradesh)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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PARIVESH

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Ref: Proposal No. SIA/MP/RIV/218709/21, Case No 8602/2021: Prior Environment Clearance for Pati Micro Lift Irrigation Project Scheme area lies in Barwani District Near Village Amlali of Barwani District and Command Area lies in Pati Tehsil of Barwani districts Gross Command Area- 17154 ha; Culturable command area (CCA): 5940 ha by Executive Engineer, NVDA, Development Division, ND Division No. 12, Rajpur, Barwani, Madhya Pradesh-451447 Email: eenvda12@gmail.com Env. Consultant- M/s. Forest Environment and Climate Change Management Consultancy (FECCM), Pvt. Ltd. Bhopal, MP.

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 amendments, on the basis of the mandatory documents enclosed with the application viz., Form -2, pre-feasibility report, EIA/EMP 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, Micro Lift Irrigation Scheme, at Village & Tehsil - Pati, Dist. Barwani, (MP). It is a lift irrigation project to provide irrigation water to 5,940 ha of Culturable Command Area (CCA):
- ii. The Scheme area lies in Barwani District, Near Village Amlali of Barwani District and Command Area lies in Pati tehsil of Barwani districts at Latitude 21°56'21.76" North and Longitude 74°44'47.13"East (Toposheet No.46K/09, 46J/12, 46J/16) in Barwani district
- iii. As per Schedule enclosed with the EIA notification of Sept 2006 and subsequent amendments, irrigation projects are listed at item 1(c); projects with CCA > 50000 ha are category A projects and projects with CCA < 50000 ha and > 2000 ha are category B projects, which are further divided in B1 (CCA of less than 50,000 ha but greater than equal to 10,000 ha) and B2 (CCA of less than 10,000 ha but greater than equal to 2,000 ha).
- iv. The project has a CCA area of 5940 ha; therefore as per EIA notification of September 2006 and subsequent amendment dated 14th August 2018, it is a Category B2 project (Medium irrigation project having CCA > 2000 ha and < 10000 ha) and hence shall be appraised by SEIAA/SEAC, Madhya Pradesh.
- v. There is no wildlife sanctuary, National park (DFO letter dtd. 06.09.2018) or interstate boundary (PWD letter dtd. 27.08.18) within 10 km of the project area, hence general conditions are not attracted.
- vi. The case was considered in SEAC meetings 511st dated 26.08.2021 and 517th dated 07.10.2021 and is recommended for grant of prior EC subject to special conditions.
- vii. The project is a lift irrigation scheme; consisting of lifting water from Narmada River and distribution through a pressurized piped system to cultivators for irrigation during season. Water will be supplied up to 2.5 ha chak size under adequate pressure (minimum 20m head) for drip/sprinkler system to be installed by cultivators. The Project consists of piped system with Supervisory Control and Data Acquisition (SCADA) and have following Components:
 - Pump House (2)
 - Rising Main 1 (8.6 km)
 - Rising Main 2 (14.4 km)
 - Distribution Network (HDPE) up to 2.5 ha chak
 - Flow & Pressure Control Valves, Air valves
 - Power Transmission Line

- viii. The project comprises of following main components namely Pumping Station (PS-1, PS-2), and Distribution Network.

Pumping Station-1

The open approach channel type intake from Narmada River in village Bijasan, Tehsil Pati, District Barwani is proposed. The open channel type intake will supply water to PS-1. Raising Main, RM-1 from PS-1 is proposed to feed water to irrigate the area of Command Area-1 and supply water to PS-2

Pumping Station-2

Pumping station (PS) - 2 is proposed near village Ghughasi to feed water to irrigate the Command Area-2 through rising main RM-2.

- ix. Total land requirement has been worked out as 11.239 ha out of which 7.603 ha would be met by Private land, 3.417 ha by Government land and 0.219 ha by forest land. PP submitted that only 0.219 ha forest land is involved in this project and they have also obtained diversion of forest land from DFO, Barwani. (vide letter no. 1289 dated 05/03/21).
- x. The rising main shall be aligned in such a way, that it traverses minimum in forest area and the total length from lifting to delivery point becomes shortest. The topo sheet study reveals that total Rising Main 1 (8.6 km) & Rising Main 2 (14.4 km) lay in private, Forest or Govt. Land.
- xi. The pipe shall be laid minimum 1.00 m. below average ground level. Hence no land for pipes shall be acquired permanently, except for Pump houses. Temporary Land acquisition for pipe line laying will be done as per prevailing acts.
- xii. For construction of pump houses, and distribution chamber of the Scheme, private land of about 7.6 ha will be acquired. The project doesn't involve any R&R (Rehabilitation and Resettlement) There is no Submergence.
- xiii. The power requirement in the whole system is designed not to exceed 5.788 MW at the stage of commissioning, which includes main as well as auxiliary requirement of pumping & other system.
- xiv. Approximately 1,26,289 m³ of muck will be generated along pipeline for a period of 180 days. Almost 700m³ of muck will be needed to be managed on daily basis, 08 trucks and 05 Trolleys along side by side with the excavation will be sufficient to manage the muck in multiple no. of trips. The disposal of muck has to be scientifically planned keeping in view the maximum reutilization of muck in construction. Reutilization would reduce/eliminate the transportation, storage and other pollution load on environment due to substantial amount of muck excavated from foundation and laying of underground pipeline.
- xv. In micro lift irrigation schemes, air pollution occurs mainly during project construction phase due to fuel combustion in various equipment, Emission from various construction plants etc., During operation phase, no major impacts are envisaged on air environment. For control of air pollution PP has proposed following mitigation measures:
- 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.
 - Excessive soil on paved areas will be sprayed (wet) and/or swept and unpaved areas will be sprayed and/or mulched.
 - All the construction workers and other staff, who get directly exposed to dust, should necessarily be provided with dust masks.
- xvi. PP has submitted an affidavit regarding following undertaking were given :-
- Diversion of any natural drainage is not proposed in this project.
 - Leakage detection plan and plan for protection against corrosion for MS pipes is there as per NVDA guidelines.
 - We will make a team of people who look after all labor related environmental issues.
- xvii. PP has submitted that 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. Conservation of water should be implemented at construction sites to minimize the generation of wastewater. 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.
- xviii. Construction activities are associated with 3 types of waste generation such as Construction and Demolition Waste, Hazardous Waste, Municipal Solid Waste from labour camps/colonies. PP has submitted 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 will ensure that there is no littering or deposition of waste so as to prevent obstruction to the traffic or the public or 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.
 - 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.
- xix. Project doesn't involve large scale diversion of forest land for any of the project components; therefore, compensatory afforestation will not be applicable. However, to improve green cover in the command, PP has proposed that in several patches in non-forest waste land will be done subject to availability of suitable land and monitored by M.P. Bio Diversity Board, Bhopal.
- xx. Plantation is proposed to be carried out in command area on an area of 2.0 ha. Suggested species for plantations are Teak, Dhawda, Sissoo, Bamboo, Siras,

Amaltas, Karanj, Neem, Sagon, Aonla, Mahua, Khair, Babool etc. PP has submitted Commitment that plantation comprising of local forest species including trees, herbs, shrubs and climbers shall be carried out preferably through forest department and its regular monitoring through M. P. Bio Diversity Board.

xxi. Under CER with budgetary allocations of Rs. 98.00 lakhs PP has proposed following activities:

- Installation of solar panel (1KW at 05 locations Rs. 10.00 lakhs)
- Sowing of medicinal plants (20,000 saplings Rs. 13.00 lakhs),
- Skill development using bamboo as raw material (03 technical workshop Rs. 10.00 lakhs),
- 05 drinking water huts or financial assistance to local village public utilities (Rs. 10 lakhs)
- 20 Medical camps (Rs. 20.00 lakhs), including medicine distribution, Vaccination, Diabetes and Blood pressure Check-ups.
- Awareness camps for local hygiene, good agriculture practices (Rs. 10 lakhs)
- Financial assistance to registered Gaushalas in districts includes Devi Ahliya Mata Gaushala, Village – Pedmi, Dist.- Indore) Aid in fodder/Supplies/Cattle Medicine/upgrading Infrastructure of premises etc. (Rs. 15.00 lakhs)
- Providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" (Rs. 10 lakhs) % to them who are residing in the nearby villages,

xxii. The total Cost of the project is 128 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 xxiii above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 691st meeting held on 23.11.2021 and decided to accept the recommendations of 517th SEAC meeting held on dated 07.10.2021.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA Notification dtd. 14th September 2006 & its amendments to the proposed Pati Micro Lift Irrigation Project Scheme area lies in Barwani District Near Village Amlali of Barwani District and Command Area lies in Pati tehsil of Barwani districts Gross Command Area- 17154 ha; Culturable command area (CCA): 5940 ha, by Executive Engineer, NVDA, Development Division, ND Division No. 12, Rajpur, Barwani, Madhya Pradesh-451447 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. A grievances redress mechanism is to be devised by NVDA GoMP and put in place so that aggrieved PAFs and other stakeholders may approach the Authority easily for resolution of any dispute/conflict.
3. PP shall ensure that, land required for the proposed project is acquired and possession is taken only after payment of compensation to the land holders as per the provision of the Right to fair compensation and transparency in land acquisition Act amended from time to time.
4. No additional land shall be used/acquired for any activity of the project without obtaining proper permission.

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5. PP to take utmost precaution for health and safety of the people working in the project as also for protecting the environment.
 6. In the event of the failure of any pollution control system adopted by the project proponent, the project shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
 7. A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
 8. To enhance the natural environmental quality & aesthetics of project site, plantation, as proposed in the EMP Report shall be undertaken in 2.0 ha of area. Allocated grant for this purpose shall be fully utilized separately and not to be diverted for any other purpose.
 9. 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. It is recommended that contractors should enforce standards, recommended by Occupational Safety and Health Administration (OSHA).
 10. 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.
 11. PP should ensure the pumps and pump house building are designed in such a way that outside noise levels will not exceed the CPCB standards.
 12. As alternate source of power PP should ensure to install required solar panels to proper running of Pump house.
 13. The budgetary provisions for implementation of EMP, shall be fully utilized and not to be diverted to any other purpose. In case of revision of the project cost or due to price level change, the cost of EMP shall also update proportionately.
 14. If marshy land creates during operation period the adequate measure should be taken by PP.
 15. The project with proponent shall comply the provisions contained in this Ministry's OM issued vide F.No. 22-65/2017-IA.III dated: 25 February 2021, as applicable, regarding Corporate Environment Responsibility and Environmental Management Plan.
 16. PP should ensure to implement the activities proposed under CER.
 17. The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1st May 2018 regarding Corporate Environment Responsibility. The activities under CER shall be worked out as per the para no. (V) of the aforesaid OM and shall be restricted to the affected area around the project. The entire activities under CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half-yearly compliance report and to a District Collector.
 18. 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, GoI, 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 obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project. (if any)
- ii. The project proponent shall obtain clearance from the National Board for Wildlife. (if any)
- iii. 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 any schedule-I species in the study area)
- iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee
- v. NOC shall be obtained from National Commission of Seismic Design Parameters (NCSDS) of CWC. (If applicable)
- vi. Necessary approval of CEA shall be obtained for those projects having the project cost more than Rs. 1,000 crore. (If applicable)

II. Air quality monitoring and preservation

- i. 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. are to 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. Approximately 1,26,289 m³ of muck will be generated along the pipeline length.
- ii. Almost 700m³ of muck will be needed to manage on daily basis, eight trucks and Five Trolleys along side by side with the excavation will be sufficient to manage the muck

- in multiple no. of trips.
- iii. Muck disposal 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.
 - iv. 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

- i. Total of 2.0 ha. of green belt shall be developed, detailed plantation scheme will be prepared by implementing agency/ forest department and approved by competent authority.
- ii. Any plantation within the forest area shall be carried out with the consent of local DFO.
- iii. 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.
- iv. To enrich the habitat of the project site, plantation shall be raised as envisaged in the EIA/EMP report. Plantation to be developed along the periphery of the reservoir in multi-layers with local indigenous species in consultation with the local State Forest Department.
- v. Compensatory forestation programme shall be implemented as per the approved plan which shall be monitored by M.P. Bio Diversity Board, Bhopal.

VII EMP & CER

- i. A budgetary provision of Rs. 88.25 Lakh has made for Environmental Management Plan as capital cost and Rs 141.25 lakh as recurring cost for 01 Year, Rs 145.25 lakh for 02 Year, Rs 127.00 lakh for 03 Year.
- 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.
- vi. Post EIA and SIA be prepared for the project through a third party and evaluation report be submitted to the Ministry after five years of commissioning of the project.
- vii. Multi Disciplinary Committee (MDC) be constituted with experts from Ecology, Forestry, Wildlife, Sociology, Soil Conservation, Fisheries, NGO, etc. to oversee implementation of various environmental safeguards proposed in EIA/EMP report during construction of the project. The monitoring report of the Committee shall be uploaded in the website of the Company.


- viii. Formation of Water User Association/Co-operative be made by involvement of the whole community be ensured for discipline use of available water for irrigation purposes.

X Miscellaneous

- i. Considering the shifting of huge volume of muck, which will be generated during the construction phase, project proponent shall construct pucca transportation road(s), from muck generation site(s) to the dumping site(s).
- ii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iii. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- iv. 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
- v. 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.
- vi. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- vii. 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.
- viii. 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).
- ix. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- x. 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 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. 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.

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4. The Project Proponent has to upload soft copy of half yearly compliance report of the stipulated prior environmental clearance terms and conditions on 1st June and 1st December of each calendar year on MoEF & CC web portal - <http://www.environmentclearance.nic.in/> or <http://www.efclearance.nic.in/> and submit hard copy of compliance report of the stipulated prior environmental clearance terms and conditions to the Regulatory Authority also
 5. 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.
 6. 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.
 7. 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.
 8. 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.
 9. 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.
 10. 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.
 11. 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, Gol, Bhopal.
 12. 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.

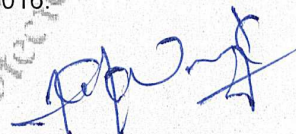
13. Any other clearance required from any other organization / department should be obtained before commencement of works and commissioning of the project, as applicable.
14. Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days from the date of issue, as prescribed under Section 10 of the National Green Tribunal Act 2010.



(Shriman Shukla)
Member Secretary

Copy to:-

- (1). Principal Secretary, Department of Environment., Government of MP, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Member 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- Barwani (M.P.).
- (5). Additional Chief Secretary, Narmada Vikas Pradhikaran, Narmada Bhawan, Bhopal (MP) –for information
- (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.



(Alok Nayak)
Officer-in-Charge