



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

To,

The ExecutiveEngineer  
EXECUTIVE ENGINEER, WATER RESORCES DIVISION, SEHORE  
Office of Executive Engineer,Water Resources Division, Sehore -466001

**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/203952/2021 dated 12 Aug 2021. The particulars of the environmental clearance granted to the project are as below.

- |  |   |
|--|---|
| 1. EC Identification No.                   | EC21B003MP153243                                    |
| 2. File No.                                | 8629/2021   |
| 3. Project Type                            | New   |
| 4. Category                                | B2  |
| 5. Project/Activity including Schedule No. | 1(c) River Valley projects                          |
| 6. Name of Project                         | Kanyakhedi Irrigation Project                       |
| 7. Name of Company/Organization            | EXECUTIVE ENGINEER, WATER RESORCES DIVISION, SEHORE |
| 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: 16/12/2021

(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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and Virtuous Environmental Single-Window Hub)



**Ref: Proposal No. SIA/MP/RIV/203952/21, Case No 8629/2021:** Prior Environment Clearance for Kanyakhedi Irrigation Project & located Near village Haranyagaon Tehsil: Jawar District- Sehore (MP) Culturable command area (CCA): 2400 ; Gross Command Area (GCA): 3500 ha Catchment Area : 107.69 sq km; ha. by Executive Engineer, Water Resources Division, Sehore, Madhya Pradesh-466001 Email: wrdsehore@gmail.com Ph: 7562-224033 Mob: 9424472525 Env. Con. M/s. R.S. Envirolink Technologies Pvt. Ltd., Gurgaon.

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 14<sup>th</sup> 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. This is a case of Prior Environment Clearance for Kanyakhedi Medium Irrigation Project at Village - Haranyagaon, Tehsil - Jawar, Dist. Sehore, (MP). The proposed Kanyakhedi Irrigation Project is planned to irrigate a total 2,400 ha of Culturable Command Area (CCA) in Jawar tehsil of Sehore District.
- ii. The Project area lies in Near village Haranyagaon of Jawar Tehsil and at Latitude 23°03'40" N and Longitude 76°36'00" E in Sehore District.
- iii. As per Environment Impact Assessment (EIA) Notification of September 2006 and subsequent amendments, Medium irrigation projects having CCA of greater than 2000 ha and less than 10000 ha are considered as category B2 projects; to be appraised at State level for environment clearance and are required to prepare EMP only as per MOEF&CC notification SO 3977 (E) dated August 14, 2018).
- iv. There is no wildlife sanctuary, National park (DFO letter dtd. 18.08.2021) or interstate boundary (PWD letter dtd. 18.03.21) within 10 km of the project area, hence general conditions are not attracted.
- v. The case was considered in SEAC meetings 512<sup>st</sup> SEAC meeting dated 07.09.2021 and 517<sup>th</sup> SEAC meeting dated 07.10.2021 is recommended for grant of prior EC subject to special conditions.
- vi. The project proposes to construct a 17.69 m high dam across Dudhi River near Haranyagaon village to create 14.96 MCM of gross storage of water for drinking and irrigation. It will serve a command of 2,400 ha (CCA) spread over 7 villages in Jawar tehsil of Sehore District. Water will be supplied by lifting from reservoir to distribution chamber through a 0.5 Km long Rising Main and thereafter it will be distributed in command by 2 Gravity Mains of 3 km and 1 km. 8.68 MCM of water will be lifted in this scheme during Rabi season only. The project will be implemented and operated by Water Resources Department, Madhya Pradesh.
- vii. Water shall be delivered upto 5.0 ha chak, beyond which cultivators shall connect their own line and sprinkler system.
- viii. Total land requirement of 374.809 ha constitutes of: government land: 51.709 ha & private land: 323.100 ha. No forest land shall be required for the project.
- ix. A total of 4 villages of Jawar tehsil will be affected, out of which one village will involve displacement of families. Total 81 households comprising 141 families of Keshopur village will be displaced requiring resettlement. Families of other 3 villages will be losing their land due to submergence.

- x. PP further submitted that no Schedule I species was found in the project area and also no forest land is involved. Being a dam project involving submergence of private land, R&R is proposed hence provision for PAF's is being made as per "RFCT-LARR Act, 2013 and Collector Sehore has identified /demarcated land at village Keshopur for proposed R&R plan.
- xi. Under R&R plan PP has submitted that PAF data has been changed from preliminary survey to detailed survey. As per preliminary surveys, 168 nuclear families from 78 households were mentioned in EMP report to be displaced, during further detailed surveys 141 nuclear families from 81 households were identified to be displaced belong to Keshopur village. An area of 3.945 ha has been identified at Village Keshopur, tehsil Jawar, district Sehore; with Khasra number 1/1/क. and tehsildar, Tehsil Jawar has been issued directive in this direction on 23/07/2020.
- xii. For Biodiversity Conservation Plan, PP shall allocate optimum funds to DFO or PP shall identify local college if land available for development Biodiversity Conservation.
- xiii. Reservoir fisheries is proposed for conservation and management of fish species i.e. reservoir of the proposed dam be stocked with fingerlings. There is a fish seed farm in Sehore district working under Fisherman Welfare & Fisheries Development department, Govt. of Madhya Pradesh. Fish seed can be procured from fish seed farm.
- xiv. Approximately 725433.70 m<sup>3</sup> of muck will be generated from spill Channel, cut off trench, filter & drains, Approach & spill channels. The disposal of muck has to be scientifically planned keeping in view the maximum reutilization of muck in construction. Surplus excavated material which includes remaining hard soil, disintegrated rocks and earthwork from embankment of the order of 4,50,545.91 m<sup>3</sup>, will be utilized during the construction of earthen dam. Muck will be disposed off at nearby villages with due consent of local administration/gram panchayat. As the pipeline passes along the villages, villages will fall within 1-5 Km along the route of pipeline.
- xv. Leakage detection plan and plan for protection against corrosion for MS pipes: For the corrosion prevention, MS pipe (Rising Main and Gravity Main) will be painted by epoxy paint internally and guniting at outside where the pipeline is underground. The pipeline exposed to the atmosphere will be painted by epoxy paint both inside and outside to prevent the corrosion. Distribution Network (Disnet) up to 2.5 ha chak is HDPE and the corrosion does not occur in the high-density polyethylene pipe (HDPE).
- xvi. Catchment Area Treatment Plan has been prepared for the catchment of Dudhi Nala from its source till the dam site of Kanyakhedi Medium Irrigation Project (refer Annexure II). Treatment measures have been suggested under different Biological and Engineering measures. Biological measures include plantations in various patches of 35 ha. This 35 ha of area is to be undertaken for plantation under below mentioned components:
- ❖ Normal Afforestation: 9 ha
  - ❖ Enrichment Plantation: 8 ha
  - ❖ Assisted Natural Regeneration: 15 ha
  - ❖ Energy Plantation: 3 ha
- xvii. Dam break analysis has been carried out by one-dimensional modeling exercise using MIKE 11 model developed by Danish Hydraulic Institute (DHI). Flood routing has been carried out to simulate the movement of a dam break flood wave along area downstream of the dam that would flood as a result of dam failure. Under the worst case scenario of complete dam failure six villages will be partially affected viz. Haranyagaon, Kanyakhedi, Kalyanpura, Hajipur, Kurawar and Murawar. Water level increase has been estimated at village locations as up to 20cm at Harnyagaon, upto 15 cm at Kanyakhedi and up to 10cm at remaining villages. Once the project is

implemented a detailed Disaster Management Plan (DMP) shall be prepared A budget of Rs. 1.0 crore is proposed for the DMP.

- xviii. 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.
- xix. Under CER the (Rs. 85 lakhs) PP has proposed following activities which shall be completed initial 03 years:-

| S. No.       | Component   | Amount (Rs. in lakh) |
|--------------|---|----------------------|
| 1.           | Education & Medical Facilities in Village schools & primary health centres  | 20.00                |
| 2.           | Development of Grazing land   | 5.00                 |
| 3.           | Provision of water supply to Kheoni WLS through tube-well with Solar Pump   | 10.00                |
| 4.           | Plantation of local palatable mixture of annual and perennial grass and fodder tree species for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land   | 5.00                 |
| 5            | Solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup, Skill development for using Katang Bamboo as raw material, Distribution of fruit bearing species etc. | 25.00                |
| 6            | Sowing of medicinal plants (herbs & shrubs species like Ashwagandha, Kalmegh etc.)  | 2.50                 |
| 7            | Distribution of fruit bearing species for nearby villagers  | 2.50                 |
| 8            | Development of Biodiversity rich area comprising of local forest species including trees, herbs, shrubs and climbers including that in willing local colleges where land is available.  | 15.00                |
| <b>TOTAL</b> |   | <b>85.00</b>         |

- xx. The activity of providing water to Kheoni WLS through tube well with solar pump has been included in the CER plan and budget updated.

Grazing land will be identified in consultation with the concerned DFO and the funds required to develop the grazing land will be provided from the under CER head.

- xxi. Plantation in Command: Project doesn't involve 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, it is proposed that plantation in 6 ha in six different patches falling in 3 villages in non-forest waste land will be done with the help of forest department. Village wise details of 6 ha area identified in command for the proposed plantation under Biodiversity Conservation head.

- xxii. Green Belt Around Dam, approach roads, office and residential area: A total of 1.50 ha of green belt will be developed. Budget has been prepared for plantation and maintenance for 5 years @ Rs. 4.50 lakh per hectare (Rs. 3.00 lakh for first 2 years and Rs. 50,000.00 each for next 3 years) i.e. a total provision of Rs. 6.75 lakh has been made.

- xxiii. The total cost of the project is Rs. 10270.99 Lakh.

**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 691<sup>st</sup> meeting held on 23.11.2021 and decided to accept the recommendations of 517<sup>th</sup> SEAC meeting held on dated 07.10.2021.**

Hence, Prior Environmental Clearance is accorded under the provisions of EIA Notification dtd. 14<sup>th</sup> September 2006 & its amendments to the proposed Kanyakhedi Irrigation Project & located Near village Haranyagaon Tehsil: Jawar District- Sehore(MP) Culturable command area (CCA): 2400 ; Gross Command Area (GCA): 3500 ha Catchment Area : 107.69 sq km; ha. by Executive Engineer, Water Resources Division, Sehore, Madhya Pradesh-466001 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. The implementation of R & R Plan to be closely monitored to ensure that all project affected families (PAFs) get adequate & timely compensation.
3. Resettlement & Rehabilitation plan be implemented in consultation with the water resources department as approved by the State Govt
4. 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.
5. A monitoring Committee for R & R shall be constituted which must include representatives of project affected persons including form SC/ST community and at least a woman beneficiary.
6. A grievances redress mechanism is to be devised by WRD GoMP and put in place so that aggrieved PAFs and other stakeholders may approach the Authority easily for resolution of any dispute/conflict.
7. The implementation of Local Area Development Plan (LADP) to be closely monitored.
8. This being a seasonal stream/ river, a minimum environmental flow of 30 % in monsoon season should be released for downstream users.
9. 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.
10. 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.
11. As alternate source of power PP should ensure to install required solar panels to proper running of Pump house.
12. 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.
13. The catchment Area Treatment (CAT) Plan as proposed in EMP report shall be strictly implemented in consultation with Madhya Pradesh State Forest Department. Major works shall be completed before impounding of reservoir. The financial allocation for CAT Plan implementation shall be fully utilized and not to be diverted for any other purpose. Catchment Area Treatment Plan as has been proposed should be completed in five years.

14. Fishery conservation & management plan as proposed shall be implemented in consultation with the Fisheries Department, Government of Madhya Pradesh. Allocated grant for this purpose shall be fully utilised and not to be diverted for any other purpose.
15. 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.
16. If the water of reservoir is used for drinking water supply, it should be done after conventional treatment.
17. 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.
18. As the reservoir will be acting as balancing reservoir and there would be fluctuation of water level during peaking period, efforts be made to reduce impact on aquatic life including impacts during spawning period both at the upstream and downstream of the project.
19. If marshy land creates during operation period the adequate measure should be taken by PP.
20. 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.
21. PP should ensure to implement the CER activities as proposed.
22. 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, decided in consultation with the Ministry.
23. 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.
24. 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. Total muck requiring disposal is only 21,556.56 m<sup>3</sup> will be generated along the pipeline.
- ii. number of truck trips with 20m<sup>3</sup> per truck works out to be 1080; which is about 2 truck trips per day for 600 working days for laying of pipeline, out of 3 years of construction period. This will be achieved by engaging 1-2 dumper trips per day.
- iii. Muck will be disposed off at nearby villages with due consent of local administration/gram panchayat. As the pipeline passes along the villages, villages will fall within 1-5 Km along the route of pipeline.
- 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

#### VII Green Belt, EMP Cost, Fisheries and Wildlife Management

- i. Under the different heads of Environment Management Plan, it has been proposed to undertake compensatory plantation in an area of total 42.5 ha. as follows:

| Head                      | Area (in ha) |
|---------------------------|--------------|
| Biodiversity Conservation | 6            |
| Green Belt Development    | 1.5          |
| CAT Plan                  | 35           |

- ii. A total of 6 ha. of green belt will be developed. Budget has been prepared for plantation and maintenance for 5 years. Detailed plantation scheme will be prepared by implementing agency/ forest department and approved by competent authority.

| S. No.       | Village    | Survey Number | Land Use     | Total Area (ha) | Area to be Planted (ha) |
|--------------|------------|---------------|--------------|-----------------|-------------------------|
| 1            | Arniyagazi | 746/2         | Pathar Govt. | 11.532          | 2.518                   |
|              |            | 603           | Govt.        | 0.214           | 0.214                   |
| 2            | Kalyanpura | 616           | Govt.        | 0.392           | 0.392                   |
|              |            | 376/2         | Govt.        | 1.419           | 1.419                   |
| 3            | Kanyakhedi | 31            | Govt. Other  | 1.149           | 1.149                   |
|              |            | 247           | Govt. Other  | 0.308           | 0.308                   |
| <b>Total</b> |            |               |              |                 | <b>6.000</b>            |

- iii. Plantation at the Dam site on either bank has been proposed for control of erosion and siltation of the stream and aesthetic importance.
- iv. Plantation around the residential and office complex as well as along the roadside on approach roads to dam and office area is also proposed to be done so that greenery is developed. Plantation of avenue, ornamental and fruit trees is proposed in these areas along with the periphery area around residential complex. A total of about 1.50 ha will be developed as green belt around dam, approach roads, office, residential areas etc.
- v. 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.
- vi. Based on the recommendation of Cumulative Impact Assessment and Carrying capacity study of river basin or as per the ToR conditions or minimum 15% of the average flow of four consecutive leanest months, whichever value is higher, shall be released as environmental flow.
- vii. Detailed information on species composition particular to fish species from previous study/literature be inventoried and proper management plan shall be prepared for in-situ conservation in the streams, tributaries of river and the main river itself for which adequate budget provision be made and followed strictly.
- viii. Wildlife Conservation Plan prepared for both core and buffer zones shall be implemented in consultation with the local State Forest Department if applicable.
- ix. 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.
- x. Compensatory forestation programme shall be implemented as per the plan approved.
- xi. Fish ladder/pass as envisaged in the EIA/EMP report shall be provided for migration of fishes. Regular monitoring of this facility be carried out to ensure its effectiveness.

#### VIII 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. Early Warning Telemetric system shall be installed in the upper catchment area of the project for advance intimation of flood forecast.
  - vii. Emergency preparedness plan be made for any eventuality of the dam failure and shall be implemented as per the Dam Break Analysis.

#### IX EMP & CER

- i. A budgetary provision of Rs. 2135.77 Lakh is made for Environmental Management Plan as capital cost and Rs 4601.27 lakh as recurring cost.
- ii. Under CER the (Rs. 85 lakhs) PP has proposed following activities which shall be completed initial 03 years:-

| S.No. | Component   | Amount (Rs. in lakh)   |
|-------|---|------------------------|
| 1.    | Education & Medical Facilities in Village schools & primary health centers  | 20.00                  |
| 2.    | Development of Grazing land   | 5.00                   |
| 3.    | Provision of water supply to Kheoni WLS through tube-well with Solar Pump   | 10.00                  |
| 4.    | Plantation of local palatable mixture of annual and perennial grass and fodder tree species for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land   | 5.00                   |
| 5.    | Solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup, Skill development for using Katang Bamboo as raw material, Distribution of fruit bearing species etc. | 25.00                  |
| 6.    | Sowing of medicinal plants (herbs & shrubs species like Ashwagandha, Kalmegh etc.)  | 2.50                   |
| 7.    | Distribution of fruit bearing species for nearby villagers  | 2.50                   |
| 8.    | Development of Biodiversity rich area comprising of local forest species including trees, herbs, shrubs and climbers including that in willing local colleges where land is available.  | 15.00                  |
|       | <b>TOTAL</b>  | <b>Rs. 85.00 Lakhs</b> |

- iii. As PP's commitment, Bio-diversity conservation plan shall be implemented through Forest Department and optimum funds shall be released. PP will also identify local college and propose development of green belt on the available land under CER.

- iv. The company shall have a well laid down environmental policy duly approved 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.
- v. 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.
- vi. 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.
- vii. 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.
- viii. 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.
- ix. 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 & 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.
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, SO<sub>2</sub>, NO<sub>x</sub> (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.
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,

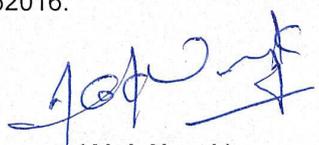
who in turn has to display the same for 30 days from the date of receipt. The clearance letter shall also be put on website by the project proponent.

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- Sehore (M.P.).
- (5). Chief Engineer, Chambal Betwa Basin, Water Resource Department, Bhopal(MP)
- (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