



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

Environmental Planning Coordination Organization (EPCO)  
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Bhopal-4620 16

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No: 1296 /SEIAA/2018  
Date: 21.8.18

To,  
Executive Engineer,  
Water Resources Department,  
Division - II, Kesli,  
District- Sagar, MP-470235

**Sub:- Case No.5423/2016:** Prior Environmental Clearance for the proposed Parkul Medium Irrigation Project, at Village- Bakshawaha, Tehsil - . Sagar, Dist. Sagar, MP Live storage capacity 20.37 MCM, Gross command area-3523 ha Cultivable command area – 3200 ha, Catchment area 71.88 sq m, by Executive Engineer, Water Resources Department, Division - II, Kesli, Dist. Sagar, MP through Engineer- in- Chief, Water Resources Department Jal Sansadhan Bhawan; Tulsi Nagar Bhopal (M.P.) - 462003 E-mail –[ee wrd2kesli@gmail.com](mailto:ee wrd2kesli@gmail.com) Mob.No. 9406670766 Env. Consultant: ENV-DAS (I) Pvt Ltd., Lucknow, U. P.

**Ref :** Your application no. 1462 dtd. 19.09.16 received in SEIAA office on 21.09.16.

With reference to above the proposal has been appraised as per prescribed procedure 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., the Form I, pre-feasibility report , ToR and subsequent submission of EIA report, public hearing documents and additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) and Environment Impact Assessment Authority (SEIAA) constituted by competent Authority.

- (i). The project is proposed on the Parkul river, a tributary of Bewas- Sonar- Bearma River and ultimately meets Ken River. The basin of Parkul (sub-basin of Ken basin) covers the areas of Sagar District of Madhya Pradesh. The gross catchment area up to Parkul irrigation project is 71.88 sq km including catchment area of an existing dam in upstream. Thus net catchment area of the project is 67.09 sq. km. Catchment site possess mainly hilly terrain
- (ii). The project is proposed to provide Irrigation Facility in 3200 hectares of land of drought prone area of Block Jaisinagar, Distt. Sagar. Provision of drinking water in the project will prevent the acute shortage in the region.
- (iii). The project envisages construction of Earthen dam, Un-gated concrete Overflow section, Sluice and Canal system. Live storage capacity of the reservoir : 20.37 MCM, Total CCA : 3200 ha, benefitting 20 villages of Tehsil & District Sagar and 1 MCM water is earmarked for drinking purposes.

- (iv). The project pertains to Item No. 1(c) category 'B' of the EIA Notification 2006 schedule and in terms of Notification dated, 25<sup>th</sup> June, 2014, as the CCA of the project is less than 10000 ha.
- (v). There is no wildlife sanctuary, National park (DFO letter dtd. 06.06.15) or interstate boundary (PWD letter dtd. 01.06.15) within 10 km of the project area, hence general conditions are not attracted.
- (vi). Public hearing was conducted on 09th November, 2017 at dam site in village Bakshwaha, Tehsil & District – Sagar under the Chairmanship of Additional District Collector, Sagar. During the hearing some objection / issues were raised by the participants, regarding land acquisition, employment etc which have been included in the proceedings and the same is responded by proponent (WRD) in the Public hearing proceedings and found to be acceptable.
- (vii). The land requirement for project shall be 386.00 ha, of which the forest, revenue and private land shall be 38.98 ha, 221.56 ha and 125.46 ha respectively. For forest Clearance case has been submitted by the Department / Nodal officer to the Ministry of Environment, Forest & Climate Change, Govt. of India, Regional office-Bhopal.
- (viii). Total land of 4 villages is affected, out of which 200.79 ha affected land belongs to Village- Bakshwaha and 20.77 ha land pertains to villages Pipariya, Chartoriya and Bhajiya . 56 families of only one village- Bakshwaha are affected due to submergence. R & R and land compensation has been provided as per "Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation & Resettlement Act, 2013."
- (ix). Total number of Project Affected Families (PAFs): 200 .The R&R Sites preliminary have been selected in nearby Bilhera village area of Tehsil & District Sagar. PP has proposed to develop R&R sites in Village Bilhera, Tehsil & district Sagar, 30×30 sq.ft. of Govt. land has been allotted for resettlement the PAFs. Each family losing his homestead will be allotted a residential plot of 30×30Sq.Ft. at the proposed R&R site.
- (x). Planting of trees should be undertaken in appropriate encircling rows around the project site wherever the forest is not already present. The plantation rate for green area development should be 1600 trees/ha.
- (xi). The area falls in the 'Seismic Zone II' considered as one of the safest seismic zones. The dam is to be built from earthen rock materials, good for the foundation. Thus ample precautions have been taken to insulate dam from geological event in future, if any.
- (xii). In the proposed site 38.98 ha. of forest land, will be submerged under water body. For which PP has proposed compensatory afforestation and compensation to affected population.
- (xiii). Creation of reservoir will create windshield against erosion through wind. During rainfall, the project is prone to erosion due to rainfall. Adequate protection against water-erosion will be taken up by creating soil and water conservation measures in the catchment and command area. To control the soil erosion fuel storage shall be done in isolated covered areas and all the spilled/collected material and scrapped



soil will be disposed as per the MoEF/CGWB norms. High filling areas and deep cutting areas will be graded and covered with bushes and grasses.

- (xiv). A wide range of indigenous fishes are found in the Ken Basin (Parkul Sub basin). The Pisciculture development in the project area will also provide additional work to the local fishermen.
- (xv). For construction of different component of the project, i. e. earth dam, un-gated spillway, sluice & canal system, surface excavation will be done in earth mixed with boulder, soft/disintegrated rocks would be carried out.
- a) Most of the excavated material will be reused for construction.
  - b) The top soil will be used at top layer of the dam for turfing and landscaping.
  - c) The canal excavation earthwork will be used to make banks and service roads.
  - d) The top soil from canal excavation will be used at top for landscaping and plantation.
- (xvi). Air emissions shall be leveled up to the relevant permissible norms using air pollution control equipments. Loose construction material shall only be transported in covered trucks. Earth work should be carried out keeping in view the possibility of minimum fugitive dust emission. Regular maintenance of the vehicles shall be ensured to keep the emission level below the relevant CPCB norms.
- (xvii). The plants and machinery should conform to MPPCB, noise standards. Noise limit for construction equipment shall not exceed 75 bB (A), as per the Environment (protection) Rules, 1986. Proper maintenance of vehicle and equipment and machinery shall be ensured, to keep the noise to minimum
- (xviii). Malaria is one of the most common vector-borne diseases in the labor camps. Contractor shall, at own expense, conform to all the anti-malarial instructions given to him. Regular health camps must be arranged for the labors. Informative sessions and pep-talks should be organized at regular interval to make them aware of the diseases, symptoms and prevention techniques.
- (xix). A command area development programme will be introduced for effective irrigation planning. Which primarily includes:
- a. Construction of field channels and field drains.
  - b. Development of greenbelts, park development and promote tourism.
  - c. Land shaping wherever necessary.
  - d. Introduce Participatory Irrigation Management (PIM) among the farmers.
  - e. Introduction of rotational supply of water to ensure equitable and assured distribution to individual farm holdings.
- (xx). **Benefit of the project:** Control flood waters to protect people and property. Adequate supply of water for irrigation and house hold consumption during dry spells in Bundelkhand region. Improve crop production by providing irrigation to crop land. Agriculture extension and horticulture development. Permanent waterfront for wildlife. Recreation like fishing, camping and water sporting in the reservoir.

Based on the information submitted as at Para i to xx above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 496<sup>th</sup> meeting held on 02.08.2018 and decided to accept the recommendations of 314<sup>th</sup> SEAC meeting dtd 10.05.18.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dated September 14, 2006, for proposed " Parkul Medium Irrigation Project, at Village-Bakshawaha, Tehsil. Sagar, Dist. Sagar, MP Live storage capacity 20.37 MCM, Gross command area- 3523 ha, Cultivable command area – 3200 ha, Catchment area 71.88 sqm, by Executive Engineer, Water Resources Department, Division - II, Kesli, Dist. Sagar, MP through Engineer- in- Chief Water Resources Department Jal Sansadhan Bhawan; Tulsi Nagar Bhopal (M.P.) 462003 subject to the compliance of the Standard Conditions enclosed at Annex-I and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

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

1. The inputs given by the participants during Public hearing should be properly redressed. All the promises and assurances made during the public hearing shall be fulfilled completely by the water resources department GoMP. The implementation of R & R Plan to be closely monitored to ensure that all project affected families (PAFs) get adequate & timely compensation.
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 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.
4. 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.
5. The implementation of Local Area Development Plan (LADP) to be closely monitored.
6. This being a seasonal stream/ river, a minimum environmental flow of 30 % in monsoon season should be released for downstream users.
7. Proposed Compensatory Afforestation programme shall be taken-up in consultation with State Forest Department. The allocated grant for this purpose shall be fully utilized and not to be diverted for any other purpose. For compensatory afforestation programme, preference shall be given to native species.
8. 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.
9. 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.
10. To enhance the natural environmental quality & aesthetics of project site, greenbelt, as proposed in the EMP Report shall be undertaken in project area. Allocated grant for this purpose shall be fully utilised and not to be diverted for any other purpose.
11. 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.
12. 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.

13. If the water of reservoir is used for drinking water supply, it should be done after conventional treatment.
14. 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.
15. Conjunctive use of surface water shall be planned to check water logging as well as to increase productivity.
16. Consolidation and compaction of the generated muck should be carried-out in the muck dumping site. The entire muck should be utilized for service road and inspection path, formation of embankment, filling trenches, land levelling and construction of CD works etc. The muck disposal sites shall be reclaimed /restored with vegetation once the capacity is utilized.
17. The periodical soil health shall be verified in command area during operation phase to ensure the maintenance of soil fertility

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

### **(A) PRE-CONSTRUCTION PHASE**

18. During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
19. Catchment area treatment as per the scheduled plan should be completed before filling up the reservoir.
20. Adequate arrangement to prevent incidence of any endemic health problem due to water /soil borne diseases shall be provided.
21. Adequate provisions for re-vegetation, dressing, resurfacing of burrow pits etc. should be ascertained for protecting soil erosion due to runoff during rain.
22. Burning of firewood/fuel by the construction workers for their cooking may have minor impact on the local air quality, which however can be avoided with provision of alternate cooking fuel such as kerosene or LPG gas.
23. For dust mitigation measures following measures shall be adopted:
  - Roads leading to or at construction sites must be paved and blacktopped (i.e. metallic roads).
  - No excavation of soil shall be carried out without adequate dust mitigation measures in place.
  - No loose soil or sand or Construction & Demolition Waste or any other construction material that causes dust shall be left uncovered.
  - Wind-breaker of appropriate height minimum 03 meters shall be provided.
  - Water sprinkling system shall be put in place.
  - Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.
  - Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.
  - No uncovered vehicles carrying construction material and waste shall be permitted.
  - Construction and Demolition Waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site.



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

**(B) CONSTRUCTION PHASE**

27. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
28. Fire extinguishers should be provided on site during construction/ plant erection period.
29. Water sprinkling arrangements shall be made to suppress the fugitive emissions and shall ensure that the ambient air quality is well within the prescribed norms by MoEF&CC/CPCB/MPPCB.
30. Construction of earthen dam should be taken-up during lean period when there is little flow of water in the river to avoid water pollution due to construction activity.
31. Provision of sub-soil drainage at places where water logging is anticipated shall be provided.
32. All the electrical appliances and digging should be minimum 15 meters away from any permanent structure.
33. Properly tuned construction machinery and good condition vehicles with mufflers (low noise generating and having PUC certificate) should be used and turned off which not in use.
34. DG sets shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits.
35. The existing and proposed land use plan of the proposed site is as follows:

Land Use Type	Existing Land Use Area (sq.km.)	Land Use after Construction of Dam Area (sq.km.)
Crop land	22.12	35.01
Water bodies	0.501	3.43
Fallow land	29.226	16.226
Open Forest/ Scrub land/Scattered Plantation	13.079	9.6
Waste land	2.125	2.125
Built-up	0.053	0.050

36. Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
37. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
38. MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.

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

#### (C) POST CONSTRUCTION/OPERATIONAL PHASE

41. Plantation shall be carried out by the PP as per submitted plan in the command area or on available degraded land.
42. In the post-irrigation phase, farmers tend to use more fertilizers and pesticides these may result in soil and water pollution. Hence, it should be essential to use the fertilizers and pesticides in a judicious manner without causing soil and water pollution. Awareness program shall be conducted and experts should interact with the local people who will guide them on the quantity and proper application of fertilizer and Pesticides.
43. Efficient irrigation systems should be promoted in the command area as Social Responsibility by the trained staff of the department.
44. Periodic soil/water testing shall be carried out in the command area and report to be submitted to Ministry of Agriculture with essential remarks.
45. Use of Solar Energy should be promoted in the project area where ever possible.
46. The project authorities should comply with the provisions made in the Water (Prevention & control) of Pollution Act 1974, and amended, Construction and Demolition Waste Management Rules, 2016, Solid Waste Management Rules, 2016, etc.
47. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
48. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
49. The project authorities should comply following provisions/ conditions made in the Construction and Demolition Waste Management Rules, 2016.

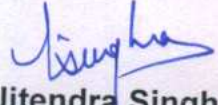
#### (D) ENTIRE LIFE OF THE PROJECT

50. A budgetary provision of Rs. 2756.65 Lakh/year are made for Environmental Management Plan and R&R plan as capital cost and Rs. 299.50 lakhs /year are proposed as recurring expenses. Out of which budgetary provision of Rs. 15.0 Lakh are made for implementing Environmental Monitoring Programme. And Rs. 7.31 lakhs are proposed for green belt development. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
51. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
52. All commitments pertaining to public hearing shall be mandatory on part of PP.
53. The environment policy should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
54. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.

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

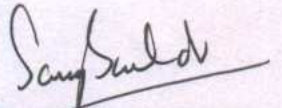
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Endt No. / SEIAA/ 2018  
Copy to:-

Dated 21.8.18

  
(Jitendra Singh Raje)  
Member Secretary  
o/c

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

Encl: Standard Conditions (Annex-I)

  
(Dr. Sanjeev Sachdev)  
Officer-in-Charge  
o/c



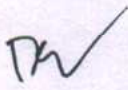
**State Environment Impact Assessment Authority, M.P.**

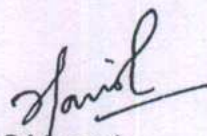
(Government of India, Ministry of Environment & Forests)  
Environmental Planning & Coordination Organization (EPCO),  
Paryavaran Parisar, E-5. Arera Colony, Bhopal-4620 16

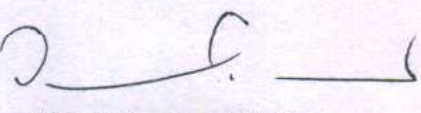
**Annexure-I**

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

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

  
(Ms Dipali Rastogi)  
Member Secretary I/c

  
(Shri H.S. Verma)  
Member

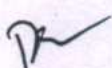
  
(Shri Waseem Akhtar)  
Chairman

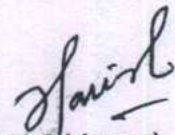
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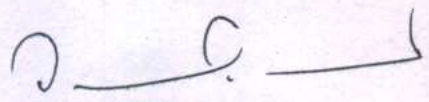
## State Environment Impact Assessment Authority, M.P.

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Environmental Planning & Coordination Organization (EPCO),  
Paryavaran Parisar, E-5. Arera Colony, Bhopal-4620 16

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

  
(Ms Dipali Rastogi)  
Member Secretary I/c

  
(Shri H.S.Verma)  
Member

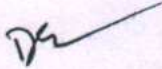
  
(Shri Waseem Akhtar)  
Chairman

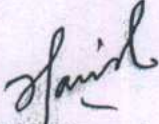
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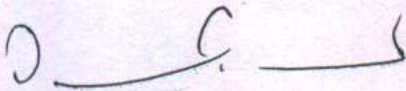
**State Environment Impact Assessment Authority, M.P.**

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

23. Details of land holding of project affected persons whose land is being acquired shall be submitted to this MoEF GOI Regional Office. The R & R benefits for the land losing households will be as per the National Rehabilitation and Resettlement Policy, 2007 or as per the State Rehabilitation and Resettlement Policy, whichever is more beneficial to the project affected persons (PAFs). Adequate publicity of the compensation package shall be given in the affected villages. The R & R issues shall be completed before commissioning of the project. In case latest Act of 2014 is applicable, the same Act is to be followed.
24. In case of any, change in scope of work, technology, modernization and enhancement of capacity shall again require prior environmental clearance as per EIA notification, 2006.
25. The M.P 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.
26. 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.
27. 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/Zilla Parishad/ Municipal Bodies as applicable, local NGO, if any, in addition to the associated Government Departments from whom any suggestion/representations were received while processing the proposal and those responsible for controlling the proposed project, who in turn has to display the same for 30 days from the date of receipt. The clearance letter shall also be put on website by the project proponent.
28. 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.
29. 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](http://www.mpseiaa.nic.in) and a copy of the same shall be forwarded to the Regional Office, MoEF, Gol, Bhopal.
30. 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.
31. 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

  
(Ms Dipali Rastogi)  
Member Secretary I/c

  
(Shri H.S.Verma)  
Member


  
(Shri Waseem Akhtar)  
Chairman

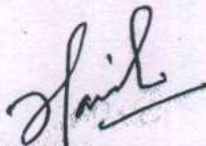
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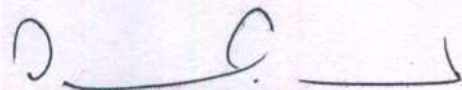
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- proponent shall organize six monthly meetings of the committee and submit the monitoring report to the ministry.
32. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to water borne diseases . shall be carried out. Periodic monitoring for the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.
  33. Use of Solar Energy should be promoted in the project area where ever possible
  34. Commitment towards CSR have to be followed strictly.
  35. The Project Proponent shall provide proper arrangement for the disposal of hazardous waste (if any) and obtain authorization under Hazardous Waste (Management Handling & Transboundary Movement) Rules 2008 from MPPCB.
  36. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with amendments and rules.
  37. 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.
  38. Any other clearance required from any other organisation/department should be obtained before commencement of works and commissioning of the project, as applicable.
  39. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  40. Any appeal against this prior environmental clearance shall lie with the Green Tribunal, tribunal, if necessary, within a period of 30 days from the date of issue, as prescribed under Section 10 of the national green tribunal Act 2010.

  
(Ms Dipali Rastogi)  
Member Secretary I/c

  
(Shri H.S. Verma)  
Member

  
(Shri Waseem Akhtar)  
Chairman

Issued vide No. 1296-97  
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