



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

Environmental Planning & Coordination Organization

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No.: 2190 /SEIAA/19

Date: 18.9.19

To,
Engineer-in-Chief,
Water Resources Department,
Tulsi Nagar, Bhopal, MP - 462003

Sub:Case No.5264/2016: Prior Environmental Clearance for the proposed "Hiran Medium Irrigation" Project at Village Baduwa, Tehsil Kundam, District Jabalpur, MP, live storage capacity 31.25 MCM, Cultivable command area – 8125 ha, Catchment area 89.91 sqm, Gross Catchment Area – 91.67 sq km, Dam Length – 810 Meter, Spillway – 96 M, Maximum height of Dam – 39 M. by Water Resources Department through Engineer- in- Chief Water Resources Department ; Jal sansadhan Bhawan; Tulsi Nagar Bhopal (M.P.) 462003 E-mail eincwrbl@mp.nic.in Telephone No. 0755- 2552646, 2552878, Mob. No. 9425834432 Env. Consultant - Voyants Solutions Pvt. Ltd. Gurgaon.

Ref: Your application dtd. 16.06.16 received in SEIAA office on 22.06.2016

With reference to the 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 I, pre-feasibility report, ToR, EIA Report, ppt. and additional clarifications furnished in response to observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- i. Hiran medium Irrigation Tank project has been conceived by Water Resource Department, Madhya Pradesh across river Hiran, the biggest right bank tributary of the Narmada, in Block and Tehsil Kundam, District Jabalpur, with a view to impound 31.69 MCM of monsoon discharge of the river and out of it harness 27.34 MCM for providing irrigation facility at 100% irrigation intensity during Rabi to 8125 ha command covering 15 and 39 villages under district Jabalpur and Katni respectively.
- ii. The river drains a gross catchment of 91.67 sq.km at the project site, which includes 1.76 sq.km of intercepted catchment of a minor scheme. Thus, net or free draining catchment is 89.91sq.km.
- iii. The Project is envisaged to have a live storage capacity of 31.25 MCM.

- iv. 1.06 MCM has been reserved for drinking purpose and 3.00 MCM water is kept reserved for Environmental releases.
- v. Project Features: The project shall encompass the following components: -
- Hiran dam comprising of 810m long with maximum height of 39m zonal earthen dam;
 - 110 m long weir;
 - One RCC barrel type irrigation sluice (1.5m X 2.0m);
 - D-shaped 1.65km long tunnel;
 - 19.09 km long pressurized main canal (MS pipe);
 - 4 Number distributaries.
- vi. The project pertains to Item No. 1(c) category 'B' of the EIA Notification 2006 schedule and in terms of Notification dated, 25th June, 2014, as the CCA of the project is less than 10000 ha.
- vii. The project has a command area of 8125 ha, therefore as per EIA notification of September 2006 and a recent amendment (August 14, 2018), it is a Category B2 project (Medium irrigation project having CCA > 2000 ha and < 10000 ha)". And Being a B2 Category project, it does not require an EIA report and is exempt from Public Hearing; it require submission of EMP only However, Scoping Clearance of the project was taken as Category B1 (prior to August 2018 amendment).
- viii. However, Public Hearing for this project has already been conducted prior to the date of issue of the notification dated 14.8.2018. Public Hearing was conducted by the Madhya Pradesh Pollution Control Board on 30th June, 2018 at school in village Badua, tehsil Kundam. The main issues were about adequate compensation to be granted and employment should be given to the residents and farmers of project affected villages.
- ix. There is no wildlife sanctuary, National park (DFO letter dtd. 07.12.15) or interstate boundaries (PWD letter dtd. 09.12.15) within 10 km of the project area hence general conditions are not attracted.
- x. For execution of the project 220 ha land, falling in Block and Tehsil Kundam, District Jabalpur, shall be required of which the apportionment between State, Private and forestland shall be 50.67 ha, 111.72 ha and 54.87 ha respectively
- xi. There are four project affected villages which are being impacted due to acquisition of private land. There shall be 166 affected families of which none shall be displaced families. The land acquisition shall be carried out as per RFCTLARRA 2013. The State Government of Madhya Pradesh vide S. N.22(A)349-44/17/MPS/31/657, dated 6.4.2018 has sanctioned a special package for submergence affected area in case of Hiran Medium Irrigation Project. As per paragraph A(i) G.O. dated 6.4.2018. the purchase/ acquiring cost per hectare of land shall be paid Lump sum @ Rs 10 lakh/ha.
- xii. Compensatory afforestation in 109.75ha revenue land transferred to Forest Department which included 54.87 ha land for raising compensatory Afforestation. Payment of Net Present Value (NPV) of Forest land (54.87ha) for compensating the loss to ecology of the area. A provision of Rs. 623 lakhs made under Compensatory Afforestation Plan .
- xiii. Generation of debris (9.41 lakh cum) from excavation of which 3.91 lakh cum muck shall be consumed and balance 5.52 lakh cum to be disposed at designated site.

The balance 5.52lakh cum shall be disposed in backfilling of voids of borrow area. Top soil (55950cum) shall be stripped and stacked/preserved to be used in plantation and turfing areas. Provision of Rs.11 lakh made under Muck Management Plan.

- xiv. For control of air pollution PP has proposed as follows:-
- Dust mask will also be provided to the workers.
 - Proper regular maintenance of machineries will be done.
 - Speed of the vehicles will be kept within the prescribed limits.
 - Trucks/dumpers will not be overloaded.
 - Copious sprinkling of water at the work site and haul roads shall be carried out and hooded trucks shall be used.
 - Wet drilling shall be adopted.
 - Periodical monitoring of ambient air quality.
 - Provision of Rs.7.20 lakh made under Management Plan for Control of Water, Air & Noise Pollution. For air quality monitoring, provision of Rs 6.0 lakh made under Environment Monitoring Plan (EMP)
- xv. Solid waste generated from temporary and permanent colonies in construction as well as operation phase requires special management to dispose of as warranted under the new Solid Wastes Management Rules, 2016. The waste oil and oil contaminated wastes are to be sold off to approved waste oil recyclers. For solid waste management, a provision of Rs 25.0 lakh made under Sanitation and Solid Waste Management Plan.
- xvi. The sewage waste shall be disposed after treatment through STP. The effluent to be discharged should conform to the Standard opted vide GSR 1265(E), dated 13.10.2017. Provision of Rs. 4.32 lakh has made for water quality monitoring under Environment Monitoring Plan (EMP).
- xvii. Fragmentation of habitat Land degradation in reservoir fringe due to felling of trees. Increase in temporary stress levels of wildlife during construction phase due to noise, human interference and reduction in present habitat. Threat due to poaching might increase. A provision of Rs 25 lakhs made under Wildlife Management and Conservation Plan.
- xviii. Loss of trees to be felled in clearing the reservoir area. Green belt development around reservoir rim in about 8 ha. A provision of Rs14.72lakhs made for plantation along reservoir periphery.
- xix. Fishery development to help in the increasing employment potential and to produce protein rich food. A provision of Rs 80 lakhs made under Fisheries Management Plan.
- xx. Improvement in living standards of inhabitants in the project area and development of infrastructure in the area by implementing local area development plan.
- xxi. The Catchment Area Treatment(CAT) plans with objective to addresses issues such as prevention of gully erosion, enhancing the forest cover for increasing soil holding capacity and arresting total sediment flow in the reservoir and flowing waters. 785 ha have been proposed to be treated under the CAT plan. This area includes 470 ha area of catchment which shall be treated by biological/ engineering measures and 315 ha area under private land treatment within the free draining catchment. A provision of Rs. 505 lakhs made under Catchment Area Treatment.

- xxii. Disaster resulting from dam break/failure has been considered and dam break analysis by using BOSS DAMBRK model has been conducted. Evolution of disaster management plan dwells on various aspects such as provision of evacuation paths, setting up of alarms and warning systems, establishing communicating system besides delineating an Emergency Response Organization with an Effective Response System.
- xxiii. Total cost of the project is Rs. 225.99 Crore.
- xxiv. **Benefit of the project:** Additional irrigation potential shall be created in area (8125 ha). Better living Standards for famers of command area. Employment opportunities / fisheries. Improvement in environment through implementation of CAT, Compensatory Afforestation, Green belt Development and different other plans. Command Area Development. Better opportunities for cattle rearing. Increase in groundwater level.

Based on the information submitted at Para i to xxiv above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 564th meeting held on 19.08.2019 and decided to accept the recommendations of 340th SEAC meeting held on dtd. 30.01.19

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 & its amendments for the proposed "**Hiran Medium Irrigation**" Project at Village Baduwa, Tehsil Kundam, District Jabalpur, MP, live storage capacity 31.25 MCM, Cultivable command area – 8125 ha, Catchment area 89.91 sqm, Gross Catchment Area – 91.67 sq km, Dam Length – 810 Meter, Spillway – 96 M, Maximum height of Dam – 39 M. by Water Resources Department through Engineer- in- Chief Water Resources Department ; Jal sansadhan Bhawan; Tulsi Nagar Bhopal (M.P.) 462003 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 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 in propped area 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 20 ha of 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.. The stocking density of the reservoir shall be around 300 fingerlings per ha. 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.
18. PP should ensure to compliance the condition laid down the forest clearance approval issued by MoEF & CC,Gol.

19. PP should ensure to submit half yearly compliance report and CSR activity 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

(A) PRE-CONSTRUCTION PHASE

20. During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
21. Adequate arrangement to prevent incidence of any endemic health problem due to water /soil borne diseases shall be provided.
22. Adequate provisions for re-vegetation, dressing, resurfacing of burrow pits etc. should be ascertained for protecting soil erosion due to runoff during rain.
23. 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.
24. 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.
25. PP will obtain other necessary clearances/NOC from respective authorities.
26. Provisions shall be made for the housing of construction/plant erection labor within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

(B) CONSTRUCTION PHASE

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. All the electrical appliances and digging should be minimum 15 meters away from any permanent structure.
31. 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.
32. DG sets (2x125 KVA) shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits.
33. Waste construction material should be recycled as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
34. Plantation in patches in suitable land 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.
35. MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
36. Waste oil & grease generated from the pumps and standby DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.
37. The soil removed during the excavation will be stacked separately and will be used for the green belt development only.
38. It is proposed by PP that plantation in 10 hectare in several patches in non forest waste land will be done subject to availability of suitable land.

(C) POST CONSTRUCTION/OPERATIONAL PHASE

39. Plantation shall be carried out by the PP as per submitted plan in the command area or on available degraded land.
40. 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.
41. Efficient irrigation systems should be promoted in the command area as Social Responsibility by the trained staff of the department.
42. Periodic soil/water testing shall be carried out in the command area and report to be submitted to Ministry of Agriculture with essential remarks.
43. Use of Solar Energy with LED light arrangement in the pump house, site, office building should be promoted in the project area where ever possible.
44. An energy audit for energy conservation can be performed in pump site, office building, to reduce energy expense and carbon footprints.

45. All leakages will be cleaned out in the pump house to prevent wastage of water with the prescribe procedures in the regular intervals.
46. The public toilets should be made in optimum numbers so that entire command area and site should be open defecation free (ODF).
47. 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.
48. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
49. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
50. The project authorities should comply following provisions/ conditions made in the Construction and Demolition Waste Management Rules, 2016.

(D) ENTIRE LIFE OF THE PROJECT

51. A budgetary provision of Rs. 3813.00Lakh is made for Environmental Management Plan out of which Rs 22.00 lakh is made for Green Belt Development Plan in EMP.
52. Wildlife management plan shall be implemented after the approval of competent authority, Rs. 25.00 Lakh is made for Wildlife management plan in EMP
53. No muck disposal shall be done outside of the project site. Rs. 11.00 Lakh is made for Muck Management Plan in EMP. Rs 505.00 Lakh is made for Catchment Area Treatment Plan in EMP. Rs 80.00 Lakh is made for Fisheries Management Plan in EMP.
54. 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.
55. All commitments pertaining to public hearing shall be mandatory on part of PP.
56. 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.
57. 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.
58. 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.
59. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
60. 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 project shall require a fresh Environment Clearance.

61. Land use details of this project.

S. No.	Land use category	Present Land Use		Post Land Use	
		Area (sq km)	Area %	Area (sq km)	Area %
1	Agriculture Land	300.18	68.84	299.062	68.58
2	Dense Forest	32.24	7.39	32.24	7.39
3	Open Forest	58.98	13.53	58.445	13.40
4	Open Scurb/ Barren Land	31.27	7.17	30.74	7.05
5	Waterbody	5.10	1.17	7.283	1.68
6	Settlement	8.28	1.90	8.28	1.90
Total		436.05	100.00	436.05	100.00

Standard Conditions:

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. 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.
3. 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.
4. 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, MPPCB within six months.
5. 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.
6. 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

components & also while submitting six monthly compliance report to MoEF, Gol, Regional Office, Bhopal.

7. PP should ensure implementation of all activities / mitigative measures / safeguards proposed in the Environmental Impact Assessment (EIA) report and Environmental Management Plan (EMP) approved by SEAC and other reports from time to time must.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. Details of land holding of project affected persons whose land is being acquired shall be submitted to MoEF&CC, Gol, 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 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.

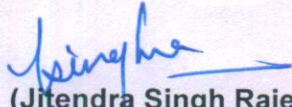
18. The MP SEIAA or any other competent authority reserves the right to alter/modify or add additional, safeguard measures subsequently, if found necessary and to take action, including revoking of the clearance under provisions of the environment (Protection) Act 1986 to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. A multi disciplinary committee (MDC) for monitoring the implementation of environmental safe guards during construction shall be constituted by the project proponent (PP) in consultation with the state environment ministry as early as possible. A panel may be proposed by the PP and submitted to ministry. The Project Proponent shall organize six monthly meetings of the committee and submit the monitoring report to the ministry.
25. 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.

26. 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 from MPPCB.
27. 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.
28. 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.
29. Any other clearance required from any other organization / department should be obtained before commencement of works and commissioning of the project, as applicable.
30. 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.
31. 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.

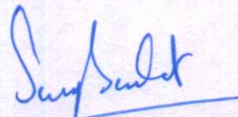
2191
Endt No. / SEIAA/ 2019

Dated 18.9.19


(Jitendra Singh Raje)
Member Secretary

Copy to:-

- (1). Principal Secretary, Urban Development & Environment Deptt. 3rd Floor, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
- (3). Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, Distt- Jabalpur (M.P.).
- (5). The Principal Chief Conservator of forest, Ground floor Satpuda Bhawan, Bhopal (M.P)
- (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.


(Dr. Sanjeev Sachdev)
Officer-in-Charge