



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

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Date: 06.5.19

To,  
Shri Rajiv Kumar Sukalika Engineer-in-Chief,  
Water Resources Department,  
Tulsi Nagar, Bhopal, MP - 462003

**Sub:- Case No.5943/2019:** Prior Environment Clearance for Kaith Medium Irrigation Project at Village - Hanouta Khurd, Tehsil - Sagar, Dist. Sagar, (M.P) Catchment Area- 78.50 sq.m. Cultivable Command Area- 5135 ha Gross Command Area- 5960.00 ha Gross Storage Capacity- 22.117 MCM; by Shri Rajiv Kumar Sukalika Engineer-in-Chief, Water Resources Department, Tulsi Nagar, Bhopal, MP - 462003 E-mail: encwrdbpl@mp.nic.in Tel No.- 0755-2552878 Env. Consultant : ENV Development Assistance Systems (India) Pvt. Ltd. Luknow (UP)

**Ref:** Your application dtd. 15.02.19 received in SEIAA office on 28.02.2019

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 14<sup>th</sup> 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) This is case of Prior Environment Clearance for Kaith Medium Irrigation Project Catchment area- 78.50 sq.m., Gross Storage Capacity- 22.117 MCM, Cultivable Command Area- 5135 ha, at Khasra no 210, 211, 218, 219, 220, 238, 239, 661, 691, 692, 693, & 696, Village - Hanouta Khurd, Tehsil - Sagar, Dist. Sagar, MP.
- (ii) The Project is proposed on the River Kaith, a sub tributary of Sonar River and it ultimately merge into Ken River in Dhasan Ken Basin. The Project envisage construction of Earthen Dam with central spillway, radial gates and three other subsidiary bunds, Non-overflow section, sluice and Pressure Pipe canal System.
- (iii) The project has 5960 ha of GCA with CCA of 5135 ha; this will lead to increase in irrigation intensity as well as cropping pattern. As a result, barren land will be converted in to productive agricultural land.
- (iv) The field irrigation channels are meant to convey water to individual land holdings. For every land holdings one farm gates proposed. The design and construction of field irrigation channels shall be such as to facilitate rotational water supply.

Case No. 5943/2019

Issued vide letter no. .... dated .....

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



- (v) The main components of the Kaith Head works are central spillway with three radial gates (two in working and one at standby), three other subsidiary bund (Hanouta Khurd, Narayanpur and Jharo Nala) and a sluice for Pressure pipe canal system are proposed at the left side of the Non- over flow section of the dam.
- (vi) Field irrigation channels have been proposed up to 20ha to 2.5 ha, to distribute water for irrigation. For micro level irrigation, chak planning has been carried out for 2.5 ha to 0.6ha. After 0.6 ha chak, farmer will irrigate by sprinkler system individually. The total 21 number villages will be benefited under the proposed project.
- (vii) 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.
- (viii) The project has a command area of 5135 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).
- (ix) There is no wildlife sanctuary, National park (DFO letter dtd. 26.05.17) or interstate boundaries (PWD letter dtd. 02.05.17) within 10 km of the project area hence general conditions are not attracted.
- (x) The Proposed submergence area of the project includes Forest land – 79.91 ha., Govt. land – 52.22 ha and Private land – 318.17 ha. of tehsil & district Sagar. Compensatory afforestation will be provided in the Fulvari village of the Sagar district at khasra no. 1 & 43 which have already been identified. Stage-I forest clearance was issued vide letter no. i.e. F. No.8-20/2018/FC dtd. 30.10.2018 by the ministry of Environment, Forest and climate Change, G.O.I, New Delhi and Stage II submission is under process.
- (xi) The Total 318.17 ha of private land shall be acquired which is spread over three villages. There shall be 294 affected families, whose land shall be acquired under the proposed project. There shall be 161 displaced families who because of acquisition of land and house have to be re-located and resettled from the affected area to the resettlement area which has been already identified in Laltoriya Village at Khasra No. 141.
- (xii) The acquisition of the land shall be in consonance with "The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013", (RFCTLARRA 2013). The compensation for a housing unit has been determined on the basis of rates as substitution/replacement cost based on the rates prescribed by PWD for "kuccha" units with earthen tiled roof, with sheeted roof and permanent RCC roof ,without consideration of any depreciation on cost.
- The Rehabilitation and Resettlement award for each affected family shall be in terms of entitlement provided in the Second Schedule to the Act. For weaker sections of society(SC/ST) some special provision has been made as provided under Section 41, First and Second Schedule of the Act yet some more have been made. The displaced PAF shall have to be resettled at a new resettlement colony, the new colony shall be provided with minimum facilities infrastructure amenities/ facilities as contained in Schedule 3 or the RFCTLARR Act, 2013. Bugetary provision Rs. 4804.20 lakh has been made for this purpose.
- (xiii) The forest Land acquired for the proposed project 79.91ha for which proper land compensation will be provided to the forest department. Compensatory afforestation



shall be raised over equal the diverted forest land and at least 1000 plants per Hectare (79.912\*1000 = 79912 plants) Shall be planted over identified non-forest land and other degraded forest land.

- (xiv) Generation of debris (79701.04 Cum) from excavation of which 47820.62 Cum muck shall be consumed in the construction of coffer dam in two seasons and balance excavated muck material will be disposed near the left side of the Spill channel in the downstream and plantation will be done on it.
- (xv) The Power requirement will be fulfilled through MPPCL connection. Backup power supply will be ensured through onsite DG sets. In order to conserve the fuel wood and energy, provision of LPG gas cylinder, LED and solar lighting system etc will be provided to the PAF and local people.
- (xvi) The Following provisions have been made under the command area development plan:-

S. No.	Sub-Head	Amount (Rs. Lakhs)
1.0	School Building – 01 Nos. @ 10.0 Lakh/No.	10.0
2.0	W.B.M tarring for construction of access road in Rising main, length 3.60km. @ 5.0 Lakh/km	18.0
3.0	CC Drains 10.0 km @ 3.0Lakh/km	30.0
4.0	Drinking water facility at commercial building	5.0
5.0	Community center 1 No. @ 5.0Lakh	5.0
6.0	Anganwadi Building 1 No. @ 8.0 Lakh	8.0
7.0	Cooperative Bhawan 1 No. @ 5 Lakh	5.0
8.0	Plantation along the access road in rising main	5.0
9.0	Development of Play Ground for children 1 No. @ 3 Lakh	3.0
<b>Total</b>		<b>89.0</b>

- (xvii) The projects are intended as social welfare measure for meeting ever-increasing demand for increasing in food and fiber production, due to spiral rise in population, along with opportunity for opening vista of employment in rural areas by harnessing the available water resources. Project authorities will contribute a total Rs. **15.0 lakh** towards creation of local area development fund to undertake works. Activities under this plan shall involve: (a) Skill development (b) Infrastructure Development and other Services.

Skill development	Infrastructure Development And Public Utilities
a) Training Courses:	a) Community Centers:
b) Tailoring, Knitting & Embroidery Training Centers	b) Hospital Facilities:
c) Computer Courses	c) Sports and other activities
d) Income Generating Activities/ Projects	d) Setting up of Recreation Facilities:
e) Vocational Training	e) Assistance to Schools
	f) Development of concrete paths from Village to Road heads & drainage system:
	g) Community Toilets
	h) Enhancing Medicare in Govt. hospitals
	i) Development of Graveyard/Cremation Center

- (xviii) **For control of Noise Pollution PP has proposed following Mitigation Measures:**

- Vehicles to be equipped with mufflers recommended by the vehicle manufacturer.



- Notification shall be provided at a conspicuous place close to residential areas within 100 meter of major noise generating activities.
- Monitoring of noise levels will be conducted during the construction phase of the project
- Use of temporary sound fences or barriers with acoustic material at sensitive locations
- Staging of construction equipment and their unnecessary idling in sensitive areas to be avoided.

(xix) **For control of Air Pollution PP has proposed following Mitigation Measures:**

- The contractor will be responsible for maintaining properly functioning construction equipment to minimize exhaust.
- Effective traffic management to be undertaken to avoid significant delays in and around the project area.
- Road damage caused by sub-project activities will be promptly attended to with proper road repair and maintenance work.
- Construction equipment and vehicles will be switched off when not used for extended time periods Unnecessary idle running of construction vehicles to be prohibited.

(xx) **For Control of Water Pollution PP has proposed following Mitigation Measures:**

- The sewage generated from project and various labour camps is proposed to be treated in STP
- Settling tanks for treatment of effluent from various crushers should be provided

(xxi) Catchment Area Treatment (CAT) plan for free draining catchment area of the proposed project has been prepared for areas with high soil erosion intensity. For CAT plan PP has made provision of Rs 1.0 Crore.

(xxii) **To avoid the leakage in pipe canal following precaution will be followed;**

- The pipe shall be designed properly as per IS Code. Excessive pressure should therefore be avoided, if possible serve water under minimum acceptable residual pressures.
- Good workmanship & construction method shall be used to lay pipes to avoid leaks at joints and fittings.
- All pipes and fittings will be of the right pressure rating and standards as a whole.

(xxiii) A wide range of indigenous fishes are found in the Sonar River in Dhsan – Ken basin (of which Kaith River is a tributary). The important commercial fish species in the river are *Cirrhinus mrigala*, *Catla catla*, *labeo rohita*, *Labeo calbasu* etc. The Pisciculture development in the project area will also provide additional work to the local fishermen and revenue to the Government. For Fisheries Management Plan PP has made provision of Rs 25 lakhs.

(xxiv) The green belt will start from the immediate vicinity of the reservoir rim on both banks wherever moderately steep slopes are available for plantation.

(xxv) The project cost is 16247.00 Lakh.



(xxvi) **Benefit of the Project:-** Irrigation potential shall be created in area (5135 ha) in 21 villages. Better living Standards for famers of command area. Employment opportunities/to locals in project work fisheries and agriculture. Better opportunities for cattle rearing. Improvement in environment through implementation of CAT, Compensatory Afforestation, Green belt Development and different other plans. Increase in groundwater level Command Area Development. Improvement in water availability in the nearby villages.

Based on the information submitted at Para i to xxvi above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 537<sup>th</sup> meeting held on 10.04.2019 and decided to accept the recommendations of 352<sup>nd</sup> SEAC meeting held on dtd. 18.03.19

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14<sup>th</sup> September 2006 & its amendments for the proposed **Kaith Medium Irrigation Project at Village - Hanouta Khurd, Tehsil - Sagar, Dist. Sagar, (M.P) Catchment Area- 78.50 sq.m. Cultivable Command Area- 5135 ha Gross Command Area- 5960.00 ha Gross Storage Capacity- 22.117 MCM; by Shri Rajiv Kumar Sukalika, Engineer-in-Chief, Water Resources Department, Tulsi Nagar, Bhopal, MP - 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.

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

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

15. During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
16. Adequate arrangement to prevent incidence of any endemic health problem due to water /soil borne diseases shall be provided.
17. Adequate provisions for re-vegetation, dressing, resurfacing of burrow pits etc. should be ascertained for protecting soil erosion due to runoff during rain.
18. 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.
19. 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.
20. PP will obtain other necessary clearances/NOC from respective authorities.
21. 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**

22. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
23. Fire extinguishers should be provided on site during construction/ plant erection period.
24. 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.
25. All the electrical appliances and digging should be minimum 15 meters away from any permanent structure. 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.
26. DG sets shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits.
27. 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.
28. 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.
29. MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
30. 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.
31. The soil removed during the excavation will be stacked separately and will be used for the green belt development only.
32. 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

33. Plantation shall be carried out by the PP as per submitted plan in the command area or on available degraded land, muck disposal site, Rehabilitation areas, park at camp, reservoir rim and in the compensatory afforestation at Village Fulwari and Shahgarh.
34. 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.
35. Efficient irrigation systems should be promoted in the command area as Social Responsibility by the trained staff of the department.
36. Periodic soil/water testing shall be carried out in the command area and report to be submitted to Ministry of Agriculture with essential remarks.
37. 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.
38. An energy audit for energy conservation can be performed in pump site, office building, to reduce energy expense and carbon footprints.
39. All leakages will be cleaned out in the pump house to prevent wastage of water with the prescribe procedures in the regular intervals.
40. The public toilets should be made in optimum numbers so that entire command area and site should be open defecation free (ODF).
41. 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.
42. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
43. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
44. The project authorities should comply following provisions/ conditions made in the Construction and Demolition Waste Management Rules, 2016.

### (D) ENTIRE LIFE OF THE PROJECT

45. A budgetary provision of Rs. 5510.04 Lakh is made for Environmental Management Plan out of which Rs. 5365.86 Lakh as capital cost and 144.18 Lakh as recurring cost, and Rs 10.00 lakh has made for Green Belt Development Plan in the EMP.
46. Bio- diversity and Wildlife Management Plan shall be implemented after the approval of competent authority; total budget of Rs. 40.00 Lakh is made for Wildlife management plan in the EMP.
47. No muck disposal shall be done outside of the project site. Rs. 05.00 Lakh is made for Muck Management Plan in EMP. And Rs, 84.44 Lakh is made for Catchment



Area Treatment Plan in EMP. Rs 25.0 Lakh is made for Fisheries Management Plan in EMP.

48. 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.
49. All commitments pertaining to public hearing shall be mandatory on part of PP.
50. 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.
51. Land Use details are as follows:

Sr. No	Land use class	Area (ha)	Area Sq. km	Area %
1	Crop Land	4343.66	43.44	55.8
2	Forest	594.01	5.94	7.6
3	Scrub Land	1546.58	15.47	19.8
4	Waste Land	1209.27	12.09	15.5
5	Built up	58.24	0.58	0.7
6	Water Bodies	26.82	0.27	0.3

52. 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.
53. 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.
54. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
55. 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.

#### 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, GoI, 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, GoI, 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, GoI, 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, GoI, 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, 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.
  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, GoI 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, GoI, 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, 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 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](http://www.mpseiaa.nic.in) and copy the same shall be forwarded to the Regional Office, MoEF&CC, GoI, 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.

461  
Endt No. / SEIAA/ 2019

Dated 06.5.19

*Jitendra Singh Raje*  
(Jitendra Singh Raje)  
Member Secretary

Copy to:-

- (1). Principal Secretary, Urban Development & Environment Deptt. 3<sup>rd</sup> Floor, Mantralaya Vallabh Bhawan, Bhopal.

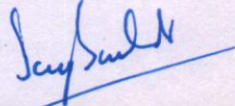
Case No. 5943/2019

Issued vide letter no. .... dated .....

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



- (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- Rajgarh (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.

  
OC (Dr. Sanjeev Sachdev)  
Officer-in-Charge