



**State Level Environment Impact Assessment Authority
Madhya Pradesh
Government of India
Ministry of Environment & Forests**

Madhya Pradesh Pollution Control Board

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Bhopal-4620 16
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Tel:0755-2466970

No:128/EPCO-SEIAA/10

Date:25-05-10

To,

Managing Director

Madhya Pradesh Road Development Corporation Ltd,
16-A, Arera Hills,
Distt- Bhopal (M.P) 462 011

Sub: Prior Environmental Clearance for Up-gradation and rehabilitation of existing road to four lane standard road to connect SH-31 (Near Lebad) to NH-3 (Near Manpur), 34.30 Km by Madhya Pradesh Road Development Corporation Ltd, Bhopal (M.P) Case no. 471/2009

This has reference to your letter No: 5737/EC/SH-31 to NH-3/09 dated 22/10/09 and subsequent letter No. 6522/Lebad-Manpur/EC/09 dated 16/11/09 seeking prior Environmental Clearance for the above project under the EIA Notification 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification 2006 on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, EIA, EMP and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee constituted by the competent authority in its meetings held on 23/03/10.

2. It is interalia, noted that the proposal involves the Up-gradation and rehabilitation of existing road to four lane standard road to connect SH-31 Lebad (Near Lebad) to NH-3 (Near Manpur), 34.30 Km by Madhya Pradesh Road Development Corporation Ltd, Bhopal (M.P). The project falls mostly in Dhar District and remaining falls in Indore District of Madhya Pradesh. The land use pattern along the project corridor predominantly agricultural land. The land use pattern of the existing and proposed ROW is mostly Agricultural 82.22%. Built up Area 4.08% and Barren Land 13.07%. The existing right of way varies from 18 m

to 30 m. The average ROW is 24 m. The proposed ROW is 45 m. Total 165.432 hectares of land is proposed for acquisition, which includes 116.644 ha private land and 48.788 ha. Govt. land. The existing as well as proposed corridor does not pass through any National park or Wildlife sanctuary.

3. It is proposed to construct 1 major bridge, 6 minor bridges, 21 new culverts and 19 culverts to be reconstructed. There are 3 major and 5 minor intersections involved in the project. Two grade separated structure will be provided on two major intersections. All the permanent structures from culverts to major bridges are proposed to be constructed for 4 lane carriageway. One Toll Plazas is proposed in the project between km 30 to 31. 11 numbers of bus bays with passengers shelters are proposed in the project. The project road passes through 13 villages in of Dhar District and 5 villages of Indore District.
4. The widening of the road will require about 1040 trees to be cut. It is proposed to plant 5 times trees. About 45 household shall be affected by the project, who will be dealt with as per the R & R policy of Govt. of M.P. 2 nos. places of worship, one Govt. school building are also affected by the project against which it is proposed to relocate them with the consultation of local communities.
5. The cost of resettlement and rehabilitation is proposed to Rs.1.7 crores. The cost of shifting of residential building will be Rs.1.2 crores. Cost of shifting public and religious properties Rs. 25 lakhs, shifting allowance for squators and encroachers Rs. 15 lakhs and R. R. monitoring Rs.10 lakhs.
6. The project falls under activity 7 (f) Highways of EIA Notification 2006. Public hearing was conducted on 19/02/10 at Dhar and on 23/02/10 at Manpur, Indore.
7. The Expert Appraisal Committee, after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations, has recommended for the grant of Prior Environmental Clearance for the project. Accordingly, the State Level Environment Impact Assessment Authority (SEIAA) of Madhya Pradesh considered the case in its 33rd meeting held on 10/05/2010 and decided to accept

the recommendation of SEAC. You are here by accorded prior environmental clearance to the above project under the provision of EIA Notification dated September 14, 2006 subject to the strict compliance of the following specific and general condition.

8. SPECIFIC CONDITIONS :

- (i) All necessary clearances from the concerned authorized including shall be obtained before initiating the project.
- (ii) The project proponent shall implement all the measures that have been suggested by them in the clarification letter dated 24.07.2008.
- (iii) To prevent damage to the agricultural land, the drainage flow shall be diverted to the natural course avoiding the agricultural land.
- (iv) Necessary mitigative measures against adverse impact to the water bodies that are to affected shall be provided.
- (v) The road profile shall be raised on the low lying structures to prevent flooding of road.
- (vi) Green belt development shall undertaken as suggested in EMP.
- (vii) Water harvesting structures shall be located at every 500 mts along the road. Vertical drain type rainwater harvesting structures shall be set up to minimize surface runoff losses of rainwater.
- (viii) The seismic nature of the area shall be taken into account while designing the project.
- (ix) No ground water shall be used for the project.

- (x) The project proponent shall obtain necessary permission from the State Irrigation Department before drawing water from the river sources for the purpose of the proposed construction activity.
- (xi) Sidewalk shall be provided along the bridges.
- (xii) The drain shall be at least 1 m. away from the toe of the embankment of the road adopting IRC guidelines.
- (xiii) Longitudinal drains shall be provided all along the project road to ensure proper drainage of the area. In addition, adequate number of under passes and culverts to act as cross drainage structures shall also be provided.
- (xiv) The solid waste generated shall be used for rehabilitating the borrow areas.
- (xv) For providing safety to the crossing animals and avoid road accidents speed breakers/rumpled strips shall be constructed at the identified locations of the animal movements. Enough hoardings and signages shall also be put up for the public and vehicles convenience.
- (xvi) Minimum of five times the number of trees to be cut shall be planted.
- (xvii) The plantation has to be carried out in 5 m wide strip on either side of the road and 4.5 m (bush plantation) shall be done in medium in such a way that the planted trees and bushes shall not be removed for further expansion.
- (xviii) Necessary permission for tree felling from the concerned department shall be obtained before commencement of the project work and copies of the same shall be submitted to this MoEF's Regional office at Bhopal.
- (xix) Adequate number of underpasses shall be provided in the habitation areas. The details of such underpasses shall be provided to the Ministry within 6 months from the date of issue of this letter.

- (xx) Necessary clearance from the State Government shall be obtained for extraction of sand from the rivers.
- (xxi) Proper signage shall be installed at appropriate locations for the convenience of the traffic movement.
- (xxii) The embankments/slopes and the slopes left after cutting shall be provided with vegetative turning to avoid soil erosion.
- (xxiii) The hot mix plant, mines and stone crushers shall be located at least 1000 mts. away from habitation and on the barren land to avoid its adverse impact on the human population. Proponent shall obtain mandatory consents from M P Pollution Control Board prior to establishment.
- (xxiv) Rehabilitation and payment of compensation to the project affected people (PAPs) shall be made as per the policy of the State Government.
- (xxv) Noise barriers shall be provided at appropriate locations particularly in the areas where the alignment passes through inhabited areas so as to ensure that the noise levels do not exceed the prescribed standards.
- (xxvi) Details of the use of fly ash in the project shall be provided to the Ministry before its initiation. In any case, the project shall utilize fly ash in the construction of road embankments as per the provisions of Notification S.O.No.763 (E), dated 14.09.1999 as amended vide S.O. 979 (E) dated 27.08.2003.
- (xxvii) For road safety, IRC guidelines in respect of road signages, service roads, bus bays, inter-sections, pedestrians crossings, etc. shall be strictly adhered to.
- (xxviii) EMP proposed by the project proponent has to be a part of tender document for compliance.

(xxix) Maximum use of solar lights should be made at Toll plazas.

9. GENERAL CONDITIONS :

- (i) Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid any damage to the environment.
- (ii) Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.
- (iii) Borrow sites for each quarry sites for road construction material and dump sites must be identified keeping in view the following:
 - (a) No excavation or dumping on private property is carried out without written consent of the owner.
 - (b) No excavation or dumping shall be allowed on wetlands, forest areas or other ecologically valuable or sensitive locations.
 - (c) Excavation work shall be done in close consultation with the Soil Conservation and Watershed Development Agencies working in the area, and
 - (d) Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such materials must be secured so that they shall not leach into the ground water.
- (iv) The construction material shall be obtained only from approved quarries. In case new quarries are to be opened, specific approvals from the competent authority shall be obtained in this regard.
- (v) Adequate precautions shall be taken during transportation of the construction material so that it does not affect the environment adversely.

- (vi) Borrow pits and other scars created during the road construction shall be properly levelled and treated.
- (vii) Adequate financial provision must be made in the project to implement the aforesaid safeguards.
- (viii) The project proponent will set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
- (ix) Full support shall be extended to the officers of MoEF's Regional Office at Bhopal by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.
- (x) A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of MoEF at Bhopal regarding the implementation of the stipulated conditions.
- (xi) Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.
- (xii) The Ministry/SEIAA reserves the right to revoke this clearance if any of the conditions stipulated are not complied.
- (xiii) In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment and Forests or SEIAA.
- (xiv) The project proponents shall inform the Regional Office of MoEF as well as the SEIAA, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.

- (xv) A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/ representation has been made received while processing the proposal.
 - (xvi) Safety provision such as bus bays, service roads intersection improvement etc., will be carried out by the project proponent. The project proponent shall provide adequate facilities as per IRC norms/guidelines.
 - (xvii) M.P. State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office/Tehsildar's office for 30 days.
10. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 2006, including the amendments and rules made thereafter.
11. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.
12. The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the M.P. State Pollution Control Board and may also be seen on the website of the SEIAA at <http://www.mpseiaa.nic.in>. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.

13. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.
14. Any appeal against this Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.
15. Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.

Sd/-
(Ashok Shah)
Member Secretary, SEIAA

Endt No. 129/SEIAA/EPCO/10

Dated:-25-05-10

Copy to:-

1. The Secretary, Department of Environment, Government of Madhya Pradesh, Bhopal
2. The Member Secretary, Madhya Pradesh State Pollution Control Board, Paryavarn Parisar, E-5, Arera Colony, Bhopal-462016
3. The Collector, Distt-Indore-M.P.
4. The Collector, Distt-Dhar (M.P.)
5. Divisional Forest Officer, Distt-Indore -M.P
6. Divisional Forest Officer, Distt-Dhar-M.P.
7. Division, Monitoring Cell, MoEF, New Delhi- 110 003
8. The Regional Officer, MOEF, Bhopal
9. The Distt. Mining Officer, Distt-Bhopal-M.P.
10. Guard file.

Sd/-
(Ashok Shah)
Member Secretary, SEIAA