

No. J-12011/28/2012-IA.I
Government of India
Ministry of Environment, Forest & Climate Change
[IA.I – Division]

Indira Paryavaran Bhavan
3rd Floor, Vayu Wing
Jor Bagh Road, New Delhi-3

Dated: 28th May, 2015

To

The Commissioner
P & D of Godavari Basin
I & CAD (PW) Department
Government of Telangana
Basement Floor, Jalasoudha Building
Errummanzil
Hyderabad – 500 082.

Sub: Lower Penganga Irrigation (Interstate) Project in Maharashtra and Adilabad District of Telangana by M/s. Irrigation & CAD Department, Government of Telangana – For Environmental Clearance – regarding.

This has reference to your letter No. Comm/GB/DCE/OT1/AE2/LPP/Vol.VII dated 4.2.2015 and 27.2.2015 on the above mentioned subject.

2. The above referred proposal was considered by the Expert Appraisal (EAC) Committee for River Valley & Hydroelectric Power Projects (RVP & HEP) at its meeting held on 26-27th February, 2015. The comments and observations of EAC of this project may be seen in the minutes of the meeting available on the web-site of this Ministry.

3. This project is an interstate irrigation project between Maharashtra and Andhra Pradesh. The net annual flows at Lower Penganga dam are assessed as 42.67 TMC and to be shared in the ratio of 88:12 between Maharashtra and Andhra Pradesh (i.e. Maharashtra-37.55 TMC & Andhra Pradesh-5.12 TMC). This will create an irrigation potential of gross command area (GCA) of 29,757 ha and culturable command area (CCA) of 19,233 ha in Adilabad District of Andhra Pradesh. The environmental clearance (EC) for Lower Penganga project was accorded on 17.5.2007 for Maharashtra portion. The project proponent (Andhra Pradesh) could not provide information on environmental issues pertaining to Andhra Pradesh at that time.

The project proponent (Andhra Pradesh) made a separate proposal for Lower Penganga for Andhra Pradesh portion. The scoping/TOR clearance for this project was accorded on 28.2.2013 when the Andhra Pradesh was not bifurcated. Now the state is bifurcated into Telangana State and Andhra Pradesh State and the project falls in the bifurcated Telangana State.

The net annual flows at Lower Penganga dam are assessed as 42.67 TMC and to be shared in the ratio of 88:12 between Maharashtra and Telangana. This implies that share of Maharashtra is 37.55 TMC & that of Telangana is 5.12 TMC. The Telangana State's share of water is proposed to be utilized for irrigation & drinking water purpose in the backward Tribal area of Adilabad District.

It is noted that the project envisages construction of an earthen dam across Penganga River on both flanks of concrete dam and canal on left flank. The Telangana canal takes off at CH.11.91 km of left bank canal (LBC) to draw water. The take-off point is at RD 11.91 km from the dam and subsequent canal length of 1.925 km will take water into Telangana border to provide irrigation facility to 19,233 ha of land in Adilabad District. The total land requirement for project is 509.261 ha out of which 8.78 ha is forest land, and 500.48 ha is private land. No submergence is involved. About 3 villages consisting of 4200 families are likely to be affected due to this project. The Tippeswar Wildlife Sanctuary is 2 km away from the link canal. The total cost of the project is about Rs.1111 Crores.

4. Public hearing for the project was conducted on 14.11.2014 at village Jimma, Jainath Mandal in the District Adilabad of Telangana.

5. The Expert Appraisal Committee, after due consideration of the relevant documents submitted by the project proponent and clarification furnished in response to its observations, have recommended grant of Environmental Clearance to the project. Accordingly, the Ministry of Environment, Forest & Climate Change hereby accords necessary environmental clearance to the above project as per the provisions of Environment Impact assessment Notification, 2006 and its subsequent amendment in 2009, subject to compliance of following conditions:

Part A: Specific Conditions

- (i) The project proponent has to prepare the R&R benefits & plan for PAFs as per the "Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013" which has come into effect since January, 2014.
- (ii) 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 project affected persons (PAFs). Adequate publicity of the compensation package of NRRP 2007 shall be given in the affected villages. All R&R issues shall be completed before commissioning of the project.
- (iii) The implementation of R&R shall be closely monitored and is to be ensured that all project affected families (PAFs) get adequate & timely compensation before commissioning of the project.
- (iv) A Monitoring Committee for R&R shall be constituted which must include representatives of project affected persons including from SC/ST community and at least a woman beneficiary.
- (v) All the commitment made during the public hearing shall be fulfilled completely by the State Government in letter and spirit.
- (vi) The equipment likely to generate high noise levels during the construction period or otherwise shall meet the ambient noise level standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000, as amended in 2010 under the Environment Protection Act (EPA), 1986.
- (vii) Conjunctive use of surface water shall be planned to check water logging as well as to increase productivity.

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- (viii) Water User Association/s (WUAs)/Co-operative shall be formed and involvement of the whole community for disciplined use of available waters shall be ensured.
- (ix) The On Farm Development (OFD) works shall be completed and WUAs (Water User Associations) shall be made functional before commencement of irrigation.
- (x) The proposed Compensatory Afforestation in 8.85 ha of area should be taken-up with State Forest Department. Biodiversity Conservation & Management Plan should be implemented with State Forest Department. Allocated grant of Rs.3.09 Crores for this purpose shall be fully utilized and not to be diverted for any other purpose.
- (xi) The proposed Conservation of Arli Reserve Forests & Tippeswar Wildlife Sanctuary should be implemented with State Forest Department. Allocated grant of Rs.15 lakhs for this purpose shall be fully utilized and not to be diverted for any other purpose.
- (xii) The Tippeswar Wildlife Sanctuary is 2 Km away from the intake canal and hence "No objection certificate" should be obtained from the PCCF, Government of Maharashtra along with clearance from the Standing Committee of NBWL.
- (xiii) The proposed avenue plantation around various project appurtenances & along the road sides in consultation with State Forest Department shall be strictly adhered to. Allocated grant of Rs.88.25 lakhs shall be fully utilized and not to be diverted for any other purpose.
- (xiv) Occurrence of stagnant pools/slow moving water channels during construction and operation of the project providing breeding source for vector mosquitoes and other parasites. The river should be properly channelized so that no smell pools and puddles are allowed to be formed. Even after taking precaution, due to unforeseen situations, breeding of mosquito and resultant malaria borne diseases can increase. If such a situation arises, it will be responsibility of the 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.
- (xv) Any other clearance from any other organization/department if required should be obtained.

Part-B: General Conditions

- (i) Adequate arrangements for providing free fuel like kerosene/wood/LPG shall be made at the project cost for the labour engaged in the construction work so that indiscriminate felling of trees is prevented.
- (ii) Medical facilities as well as recreational facilities shall also be provided to the labourers.
- (iii) The labourers to be engaged for construction works shall be thoroughly examined by health personnel and adequately treated before issuing them work permit.
- (iv) Water sprinkling arrangements shall be made to suppress the fugitive emissions.
- (v) Potable drinking water and proper sanitary facilities shall be provided for the labour force.
- (vi) 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.

- (vii) Environmental parameters shall be monitored and six monthly monitoring reports shall be submitted to the concerned Regional Office of the Ministry and to Ministry of Environment, Forest & Climate Change, New Delhi for their review.
6. The Project Proponent shall provide full cooperation and all required documents/ data to the Officials from concerned Regional Office of the Ministry who would be monitoring the implementation of environmental safeguards.
7. The responsibility of implementation of environmental safeguards rests fully with the I & CAD Department, Government of Telangana.
8. The livelihood plan to be prepared, if found necessary in consultation with concerned state government departments. The Government of Telangana should submit compliance on this component & also while submitting six monthly compliance report.
9. Besides the above stated conditions, the Project Proponent shall also implement all other environmental safeguards, as proposed in the EIA/EMP report and other reports from time to time. The Government of Telangana may also like to monitor implementation of EMP at regular intervals.
10. The Environmental Management Plan (EMP) shall be strictly adhered to and a sum of Rs. 15 Crores, the budgetary provisions for implementation of EMP shall be fully utilized and not to be diverted for any other purpose. In case of revision of the project cost due to price level change, the cost of EMP shall also be updated proportionately.
11. In case of change in the scope of the project, the same shall be intimated to the Ministry and fresh approval, if required, shall be taken from the Ministry.
12. The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.
13. This clearance letter is valid for a period of 10 years from the date of issue of this letter for commissioning of the project.
14. A copy of the clearance letter shall be marked to concerned Panchayat/Zilla Parishad/Municipal Corporation, Urban local body and local NGO, if any, from whom any suggestion/representations were received while processing the proposal. The clearance letter shall also be put on website by the project proponent.
15. 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.
16. The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board / Committee and may also be seen at Website of the Ministry of Environment, Forest & Climate Change at <http://www.moef.nic.in>.


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17. After 5 years of the commissioning of the Project, a study shall be undertaken regarding impact of the project on the environment and downstream ecology. The study shall be undertaken by an independent agency, decided in consultation with the Ministry.

18. The project proponent shall also submit six monthly reports on the status of compliance of stipulated EC conditions including the results of monitored data (both in hard copies as well as by email) including the respective Regional Office of MOEF and Zonal Office of CPCB and SPCB.

19. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days from the date of issue, as prescribed under Section-10 of the National Green Tribunal Act, 2010.

Yours faithfully,


28/5/2015
(S. K. Srivastava)
Scientist-E

Copy to:

1. The Secretary, Ministry of Water Resources, Shram Shakti, Bhawan, Rafi Marg, New Delhi-1.
2. The Principal Secretary (I & CAD), Government of Telangana, Telangana Secretariat, Hyderabad
3. The Secretary, Department of Environment, Government of Telangana, Telangana Secretariat, Hyderabad
4. The Engineer-in-Chief, (I& CAD), Government of Telangana, Errummanzil, Hyderabad.
5. The Chief Engineer, Project Appraisal Directorate, Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi-110066.
6. The CCF, Regional Office (SE Zone), Ministry of Environment, Forest & Climate Change, Cathedral Garden Road, Nugambakam, Chennai – 600 034.
7. Member Secretary, Telangana State Pollution Control Board, Paryavaran Bhawan, Industrial Estate, Hyderabad.
8. EI- Division, Ministry of Environment, Forest & Climate Change, New Delhi-110003.
9. NIC Cell – with a request to upload on MoEF website
10. PS to JS (BS)
11. Guard file/Notice Board.


28/5/2015
(S. K. Srivastava)
Scientist-E

