No. J-12011/12/2019-IA.I(R)
Government of India
Ministry of Environment, Forest & Climate Change
(IA.I Division)

Indira Paryavaran Bhawan
3rd Floor, Vayu Wing
Jor Bagh Road
New Delhi-110 003

Dated: 17th October, 2019

To

The Chief Engineer

Karnataka Neeravari Nigam Ltd.
Kalasa Bhandura Drinking Water Project
Malaprabha Project Zone
College Road, Dharwad-580 001
Karnataka

Sub: Kalasa-Bhandura Drinking Water Supply Scheme near Khanapur Taluk in Belagavi District of Karnataka-regarding clarification on the applicability of EIA Notification, 2006 and its subsequent amendments.

Sir,

This has reference to your letter No KNNL/CE/MPZ/AE-6/Kalasa-Bandura-EIA/2019-20 dated 26.04.2019 on the above-mentioned subject.

2. The Kalasa –Bhandura Drinking Water Supply Scheme involves diversion of west flowing streams/nalas in Mahadayi basin to water deficit Malaprabha basin by construction of three diversion dams across Haltara Nala, Kalasa Nala and Bhandura Nala. It is proposed to divert 3.90 TMC of water during monsoon season through Inter Connecting Gravity Canals for crossing the ridges. The project is exclusively proposed for providing drinking water facilities to Hubli-Dharwad Towns, Kundgol Town and enroute villages as part of commitment to National Water Policy 2012. The total cost of the project is worked out to be Rs. 840.52 crores.

3. The project involves diversion of 499.13 ha of forest land. The part of the project area also falls within the Eco Sensitive Zone of Bhimgad Wildlife Sanctuary. The streams proposed for diversion within Karnataka in Mahadayi basin shares interstate boundaries with Goa & Maharashtra and hence the project was adjudicated at Hon'ble Mahadayi Water Dispute Tribunal (MWDT). Hon'ble Tribunal in its award dated 14.08.2018 directed the State of Karnataka to implement the project after obtaining mandatory clearances as required by the law.

4. Further, it has also been informed vide letter dated 26.04.2019 that Kalasa-Bhandura Nala Diversion Scheme for Drinking Water Supply doesn't envisage creating new command area or providing

water to suffering existing command areas for irrigation. Also, the project doesn't involve Hydroelectric Power Generation.

3. The above proposal was deliberated in the Ministry and noted that instant project does not proposes any hydroelectric power generation component nor any irrigation component and thus has no command area. It is noted that the instant project is purely a drinking water supply scheme and does not attract the provisions of EIA Notification, 2006 and its subsequent amendments. The State Government, however, should take/ensure following steps and action:

i. Environmental safeguard measures/management plan may be formulated and implemented appropriately and in a timely manner (and pari-pasu with the project implementation)

ii. The project involves about 250 ha of forestland. Forest clearance shall be obtained as per the prevailing norms of Forest (Conservation) Act, 1980.

iii. Land acquired for the project shall be suitably compensated in accordance with the law of the land with the prevailing guidelines. Private land shall be acquired as per provisions of Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013.

iv. Part of the project area also falls within the Eco Sensitive Zone of Bhimgad Wildlife Sanctuary and therefore Wildlife Clearance shall be obtained from Standing Committee of National Board of Wildlife.

v. During construction phase, solid waste is also generated which requires to be disposed of at the designated sites, proper treatment measures (both engineering and biological) are required to stabilized the sites.

vi. Air pollution (dust) due to various construction activities, movement of vehicles will pose health concerns to the construction work force. Therefore, necessary control measures such as water sprinkling arrangements, etc. be taken up to arrest fugitive dust at all the construction sites.

vii. Preventive measures viz. fuming and spraying of mosquito control shall be done in and around the labour colonies, affected villages, stagnated pools, etc. Provisions be made to not to create any stagnated pools to avoid creation of breeding grounds of the vector borne diseases

viii. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.

ix. Monitoring of water quality upstream and downstream of water bodies shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.

x. Water depth sensors shall be installed at suitable locations to monitor e-flow. Hourly data to be collected and converted to discharge data. The Gauge and Discharge data in the form of

Excel Sheet be submitted to the Regional Office, MoEF & CC and to the CWC on weekly basis

xi. Structural safety of dam is to be ensured by appropriate designated Authority.

xii. Solid waste generated, especially plastic waste, etc. should not be disposed of as landfill material. It should be treated with scientific approach and recycled. Use of single-use plastics may be discouraged

xiii. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee and other mandatory clearances/statutory permission from any other organization/department.

This issues with the approval of the Competent Authority.

Yours faithfully,

(Dr. S. Kerketta)
Director

py to:

1. The Secretary, Ministry of Water Resources, RD & GR, Shram Shakti, Bhawan, Rafi Marg,New Delhi 1.
2. The Principal Secretary (WRD), Government of Karnataka, Vidhana Soudha, Bengaluru-560 001.
3. The Secretary, Department of Ecology and Environment, Government of Karnataka, Floor, 4th Gate, M.S Building, Bengaluru -560 001
4. The Chief Engineer, Project Appraisal Directorate, Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi-110066.
5. The Dy. Director General of Forests Regional Office, Ministry of Environment, Forest & Climate Change, Kendriya Sadan, E&F Block, Koramangala, Bengaluru-560 034
6. The Member Secretary, Karnataka State Pollution Control Board, Parisara Bhawan, Church Street, Bengaluru — 560 001.
7. Sr. PPS to JS (GM)
8. NIC Cell — with a request for uploading in MoEF & CC's website.
9. Guard file/Notice Board.

(Director)