

F. No. 10-23-2017-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 3

Date: 10th August, 2017

To,

M/s Sirmour Green Environ Ltd
50, Industrial Area, Gondpur Paonta Sahib,
District Sirmour- 173025, Himachal Pradesh
E-mail: cetppontaeia@gmail.com

Subject: Common Effluent Treatment Plant, at Plot No. 96-97 Gondpur Industrial Area, Paonta Sahib, Himachal Pradesh by M/s Sirmour Green Environ Ltd - Terms of Reference reg.

Sir,

This has reference to your proposal No. IA/HP/MIS/63811/2017 dated 8th April 2017, submitted the above proposal to this Ministry for seeking Terms of Reference (ToR) in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986.

2. The proposal for grant of Terms of Reference (ToR) to the project 'Common Effluent Treatment Plant, at Plot No. 96-97 Gondpur Industrial Area, Paonta Sahib, Himachal Pradesh promoted by M/s Sirmour Green Environ Ltd. was considered by the Expert Appraisal Committee (Infra-2) in its 19th meeting held on 27th to 29th June, 2017.

3. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above said meeting, are under:-

- (i) The Proposed Common Effluent Treatment Plant at Gondpur Industrial Area near Paonta Sahib falls in district Sirmour of Himachal Pradesh. The Sirmour district lies between 77°01'12" and 77°49'40" East longitude and 33°22'30" and 31°01'20" North latitude in the outer Himalayan ranges commonly called as Shivaliks. Total Plot Area is 4500 sqm.
- (ii) The Common Effluent Treatment Plant (CETP) is listed at serial no. 7(h) of the Schedule of EIA Notification 2006 and falls under Category 'A' due to the location of CETP coming within 10 km of Simbalwada Wild Life Sanctuary. The project is not interlinked with any other project.
- (iii) The proposed CETP is expected to treat around 2 MLD industrial effluents including Sewage component.
- (iv) The water requirement will be around 5 KLD during construction. This will be made available from piped water supply.
- (v) Generated solid waste would be transported to authorized TSDF site. No liquid waste would be required to be disposed of in inland surface water due to Zero Liquid Discharge ZLD System. The waste water after treatment shall be recycled for industrial & agriculture purpose.



- (vi) Power requirement will be $2 \times 630 \text{ KVA} = 1260 \text{ KVA}$. Power supply will be sourced from Grid Power Supply and Captive Power Plant. For Power Backup 1 No D.G Sets of 200 KVA will be installed.
- (vii) **Investment/cost of the project is Rs.10.7 Crore**
- (viii) **Employment potential:** Approx. 25 to 30 skilled and unskilled labours will be engaged during construction of CETP project.
- (ix) **Benefits of the project:** Positive impact on environment in terms of better management of effluent waste in the region. More employment opportunities will be created. Aesthetics of the area will improve.

4. The EAC, in its meeting held on 27-29 June, 2017, after detailed deliberations, recommended the project for grant of ToR as specified by the Ministry as Standard ToR in April, 2015 for the said project/activity and the following TOR in addition to Standard ToR for preparation of EIA-EMP report. As per the recommendation of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords ToR to the project 'Common Effluent Treatment Plant', at Plot No. 96-97 Gondpur Industrial Area, Paonta Sahib, Himachal Pradesh promoted by M/s Sirmour Green Environ Ltd for preparation of the Environment Impact Assessment (EIA) Report and Environment Management Plan (EMP) with the following specific and general conditions in addition to Standard ToR provided at Annexure -1:

- (i) Importance and benefits of the project.
- (ii) A chapter on Quantification and Characterization of inlet characteristic including methodology adopted.
- (iii) NBWL clearance is required for the project.
- (iv) Process flow diagram of the proposed CETP.
- (v) Layout plan of CETP.
- (vi) Cost of project and time of completion.
- (vii) Area earmarked for CETP.
- (viii) Method for conveyance of effluent from the individual industrial unit to CETP.
- (ix) Explore the option to recycle the treated effluent to individual industrial unit instead or discharging outside.
- (x) Reuse and Recycle option of treated effluent.
- (xi) List of hazardous waste to be handled and their source along with mode of transportation.
- (xii) Other chemicals and materials required with quantities and storage capacities.
- (xiii) Details of temporary storage facility for storage of hazardous waste at project site.
- (xiv) Details of pre-treatment facility of hazardous waste at proposed incinerator site.
- (xv) Details of air Emission, effluents, hazardous/solid waste generation and their management.
- (xvi) Hazard identification and details of proposed safety systems.



- (xvii) Layout maps of proposed Solid Waste Management Facilities indicating storage area, plant area, greenbelt area, utilities etc.
- (xviii) Disaster Management Plan.
- (xix) Status of court case pending against the project.
- (xx) A tabular chart with index for point wise compliance of above TOR.

General Guidelines

- (i) The EIA document shall be printed on both sides, as far as possible.
- (ii) All documents should be properly indexed, page numbered.
- (iii) Period/date of data collection should be clearly indicated.
- (iv) Authenticated English translation of all material provided in Regional languages.
- (v) The letter/application for EC should quote the MoEF&CC File No. and also attach a copy of the letter prescribing the ToR.
- (vi) The copy of the letter received from the Ministry on the ToR prescribed for the project should be attached as an annexure to the final EIA-EMP Report.
- (vii) The final EIA-EMP report submitted to the Ministry must incorporate the issues mentioned in ToR. The index of the final EIA-EMP report, must indicate the specific chapter and page no. of the EIA-EMP Report where the specific ToR prescribed by the Ministry have been incorporated. Questionnaire related to the project (posted on MoEF&CC website) with all sections duly filled in shall also be submitted at the time of applying for EC.
- (viii) Grant of ToR does not mean grant of EC.
- (ix) The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
- (x) On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed ToRs (ToR proposed by the project proponent and additional ToR given by the MoEF&CC) have been complied with and the data submitted is factually correct (Refer MoEF&CC Office memorandum dated 4th August, 2009).
- (xi) While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the laboratories through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and the rules made there under (Please refer MoEF&CC Office Memorandum dated 4th August, 2009). The project leader of the EIA study shall also be mentioned.
- (xii) All the ToR points as presented before the Expert Appraisal Committee (EAC) shall be covered.

5. The above ToR should be considered for the project 'Common Effluent Treatment Plant, at Plot No. 96-97 Gondpur Industrial Area, Paonta Sahib, Himachal

Pradesh promoted by M/s Sirmour Green Environ Ltd, in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006.

6. Public hearing is exempted for the project as per para 7(i) III Stage (3)(i)(b) of EIA Notification, 2006 for preparation of EIA/EMP Report, being site is located in the Notified industrial area.

7. The project proponent shall submit the detailed final EIA/EMP prepared as per ToR to the Ministry for considering the proposal for environmental clearance within 3 years as per the MoEF&CC O.M. No.J-11013/41/2006-IA-II(I) (P) dated 08.10.2014.

8. The consultants involved in preparation of EIA/EMP report after accreditation with Quality Council of India/National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/ Laboratories including their status of approvals etc. vide Notification of the MoEF&CC dated 19.07.2013.

9. The prescribed ToR would be valid for a period of three years for submission of the EIA/EMP Reports.


(Kushal Vashist)
Director

Copy to:

The Member Secretary, Himachal Pradesh Pollution Control Board, Him Parivesh, Phase-III, New Shimla-171009, Himachal Pradesh (INDIA).

Annexure-1

7(h): STANDARD TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR COMMON EFFLUENT TREATMENT PLANTS (CETPs) AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT

- 1) Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. The examination should justify site suitability in terms of environmental angle, resources sustainability associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for short-listing selected site.
- 2) Details of the land use break-up for the proposed project. Details of land use around 10 km radius of the project site.
- 3) Details of member units, its production capacity, waste generation, characteristic and details of primary treatment provided by the member units.
- 4) Details on present treatment and disposal systems
- 5) Details of effluent collection system from member units level.
- 6) Details of hazardous waste collection. Sill proof arrangement
- 7) Examine and submit details of inlet characteristics.
- 8) Details of the CETP with design parameters. Layout plan of CETP and open spaces.
- 9) Details of the adequate power back up facility, to meet the energy requirement in case of power failure from the grid.
- 10) Details of the usage of treated effluent for green belt development and horticulture.
- 11) Submit a copy of MoU made between the Member units.
- 12) Details of storage facility available at the CETP.
- 13) Examine and submit details of sludge / solid waste generated and method of disposal. MoU in this regard.
- 14) Details of water requirement, source and water balance chart .
- 15) Details of green belt



- 16) Details of performance monitoring, lab facility with technical persons.
- 17) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 18) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 19) Details of water meters for inflow and outflow monitoring etc.
- 20) Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/CETPs>".

