



हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार का उपक्रम) रजिस्टर्ड ऑफिस 17, जमशेदजी टाटा रोड, मुंबई 400 020

HINDUSTAN PETROLEUM CORPORATION LIMITED

(A GOVERNMENT OF INDIA ENTERPRISE) REGISTERED OFFICE : 17, JAMSHEDJI TATA ROAD, MUMBAI 400 020

पाईपलाइन विभाग 8 वीं मंजिल, नॉथ टॉवर, स्कोप मीनार, डिस्ट्रिक्ट सेन्टर, लक्ष्मी नगर, दिल्ली-110092 टेलीफैक्स : 22041103
Pipeline Dept. 8th Floor, North Tower, Scope Minar, District Centre, Laxmi Nagar, Delhi-110092 Telefax : 22041103
सी आई एन / CIN : L23201MH1952GOI008858

Ref: HPCL/RBPL/EC/2018/001

Date: 28th May, 2018

Additional Principal Conservator of Forest (C)
Ministry of Environment & Forest
Northern Regional Office
Bays No. 24-25, Sector-31-A,
Dakshin Marg,
Chandigarh – 160 030.

Sub.: Environment Clearance from Ministry of Environment & Forests for Capacity expansion of Existing Ramanmandi-Bahadurgarh Petroleum Products Pipeline (RBPL) [4.71 MMTPA to 8.0 MMTPA] passing through states of Haryana & Punjab.

Ref: EC Letter received vide Letter F.No. J-11011/196/2016-IA.II (I) dated 07.06.2017.

Sir,

Reference is made to letter No. J-11011/196/2016-IA.II (I) dated 07.06.2017 from Ministry of Environment & forests according environmental clearance to our subject project. As per clause xiii of General conditions, we are submitting the following document:

- I. Status of Point wise compliance of the stipulated environmental conditions as of 31.03.2018.
- II. Environment Monitoring Data for Quarter ending March'18 for IPS, Barwala.

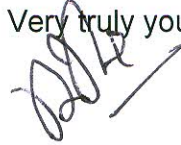
You may kindly note that there is no change in the pipeline portion for the existing pipeline between Ramanmandi and Bahadurgarh named as RBPL as part of this Project. The project involves the following:

- i) Additional Booster and Mainline pumps along with associated facilities are to be installed at Dispatch station at Ramanmandi.
- ii) Intermediate pumping station is to be constructed at Ch 122 at existing SV-4, Barwala with 2 working+1 Standby Mainline pumps and other associated facilities like control room, substation, SCADA, PLC, Telecom etc.

Since, above documents are to be submitted on half yearly basis, in line with clause xiii of General conditions of EC letter, the next report will be submitted by us by November'18.

Thanking you,

Very truly yours,

A handwritten signature in black ink, appearing to read 'T.K. Jha', with a long horizontal stroke extending to the right.

T.K. Jha
Chief Manager-Project Monitoring

Encl. as above

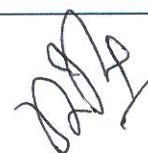
Name of the Project: Ramanmandi- Bahadurgarh Pipeline Capacity Expansion Project

Clearance Letter No. : F No.J-11011/196/2016-IA. II (I) dated 07.06.2017

Period of Compliance Report: October'17 to March'18

A. Specific Conditions:

SI No.	Condition	Compliance Status
i.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	We confirm that adequate Stack height would be provided for all the DG sets as per CPCB standards & Acoustic enclosure will also be provided to mitigate the noise pollution.
ii.	The project authority i.e. M/s Hindustan Petroleum Corporation Ltd. (HPCL) shall ensure restoration of the Right of Way to preconstruction level as soon as construction activity completed. To ensure prevention of soil erosion, backfilled areas should be properly compacted.	We confirm that the same has been complied with for the operating Ramanmandi Bahadurgarh Pipeline (RBPL).
iii.	The design, material of construction, assembly, inspection, testing and safety aspects of operation and maintenance of pipeline and transporting the natural gas shall be governed by ASME/ANSI B 31.8/B31.4 and OISD standard 14.1.	We confirm that same has been complied with for the operating RBPL pipeline.
iv.	Annual safety audit shall be carried out for the initial three years by an independent agency and report submitted to this Ministry for ensuring the strict compliance of safety regulations on operation and maintenance.	We confirm that the same is being complied with and the Annual audit reports are being submitted to the Ministry by the operations group.
v.	The construction of pipeline particularly at the river and stream crossing shall be done during dry seasons to avoid disturbance of breeding seasons and soil erosion. The riverbed, embankments and dykes shall be restored adequately after installation of crossings.	We confirm that the same has been complied with for the operating RBPL pipeline.
vi.	Pipeline wall thickness and minimum depth of burial at river crossings and casings at rails, major road crossings should be in conformity with ANSI/ASME requirements.	We confirm that the same has been complied with for the operating RBPL pipeline.
vii.	The company should follow horizontal drilling technique for laying of pipeline while passing through major rivers.	We confirm that the same has been complied with for the operating RBPL pipeline.



viii.	The project authorities shall install SCADA system with dedicated optical fiber based telecommunication link for safe operation of pipeline and Leak Detection System. Additional sectionalizing valves in the residential areas and sensitive locations shall be provided to prevent the leaking of gas going to the atmosphere in the event of pipeline failure. Intelligent pigging facility shall be provided for the entire pipeline system for internal corrosion monitoring. Coating and impressed current cathodic protection system shall be provided to prevent external corrosion.	We confirm that we have complied with the same during construction of the operating RBPL pipeline.
ix.	The project authorities shall patrol and inspect the pipeline regularly for detection of faults as per OISD guidelines and continuous monitoring of pipeline operation by adopting non-destructive method(s) of testing as envisaged in the EMP. Pearson survey and continuous potential survey shall be carried out at regular intervals to ensure the adequacy of cathodic protection system.	We confirm that it is being complied by us for the operating RBPL pipeline.
x.	Necessary approvals from Chief Controller of Explosives must be obtained before commission of project. Requisite On-site and Off-site Disaster Management Plans shall be prepared and implemented. It is necessary that integrated DMP should be in place as the pipeline is passing through four Districts.	PESO Construction approval obtained on 18.07.17. PESO approval for 02 no. U/G sump tanks installation obtained on 16.08.17. On-site and Off-site DMP has been prepared and submitted to respective Authorities earlier for the operating RBPL..
xi.	The acoustic chambers/barriers should be provided for individual units wherever feasible in the compressor stations.	Not applicable, as this project does not have provision for any Compressor station.
xii.	The workers camp should have arrangement for safe drinking water, hygienic kitchen and sanitation facilities. The wastewater should be properly treated before disposal.	We confirm that we are providing safe drinking water, hygienic kitchen and sanitation facilities to the workers.
xiii.	The company shall obtain all requisite clearances for fire safety and explosives and shall comply with the stipulation made by the respective authorities.	We confirm that we have obtained all requisite clearances for fire safety and explosives for construction & shall comply with the stipulation made by the respective authorities.
xiv.	PP shall implement the Enterprises Social Commitment (ESC) plan @2.5% project cost} incorporating drinking water facility and solar panel system to the school/villages in the pipeline passing/project area.	We confirm that we shall implement ESC plan @ 2.5% of project cost for provision of drinking water facility and Solar panel system under ESC from the year 2018-19 onwards.

B. General Conditions:

SI No.	Condition	Compliance Status
i.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Boards, State Governments and any other statutory authority.	We confirm that we have been complying & shall comply to the stipulations made by the State Pollution Control Board (SPCB), State Governments and any other statutory authority.
ii.	No further expansion or modification in the pipeline shall be carried out without prior approval of the Ministry of Environment Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	We confirm that the we would strictly comply with the same.
iii.	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	We confirm that the we would strictly comply with the same. M/s Mantec Consultants, a reputed MOEF &CC approved Agency has been appointed to carry out ambient air quality management in consultation with SPCB's. We are also enclosing herewith the Monitoring Data for IPS, Barwala for 4 th Quarter of 2017-18 along with this report
iv.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R.No. 826(E) dated 16 th November, 2009 shall be followed.	We confirm that the we would strictly comply with the same.
v.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz 75 dBA (daytime) and 70 dBA (nighttime).	We confirm that we would strictly comply with ambient noise levels.
vi.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemical shall be imparted.	We confirm that Training is being imparted progressively to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees are being undertaken on regular basis.
vii.	The company shall also comply with all the Environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management and risk	We confirm that the we would strictly comply with the same. All the recommendations made in the EIA/EMP in respect of environmental management and risk



	mitigation measures relating to the project shall be implemented.	mitigation measures relating to the project are being implemented.
viii.	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. ESC activities shall be undertaken by involving local villages and administration.	We confirm that the we would comply with the same by implementing ESC plan as indicate above in point xiv of Specific condition.
ix.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	We confirm that the we would comply with the same by implementing ESC plan as indicate above in point xiv of Specific condition.
x.	A Separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Environment management cell is set up at Pipeline Projects office at Delhi headed by Ch. Manager-Project Monitoring which carries out Environmental management and monitoring functions. M/s Mantec Consultants, a reputed MOEF &CC approved Agency having full-fledged laboratory facilities has been appointed to carry out environment monitoring for the Project. We are also enclosing herewith the Monitoring Data for 4 th Quarter of 2017-18 for IPS, Barwala along with this report
xi.	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	We confirm that we have earmarked sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. Further, we confirm that the funds so earmarked for environment management/pollution control measures will not be diverted for any other purpose
xii.	A copy of clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad / Municipal Corporation. Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal.	N/A, as we have not received any suggestions/representations from the mentioned Authorities while processing the proposal.
xiii.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. A copy of Environmental Clearance and	Complied. As part of the same, this compliance report is being sent to the respective Authorities. Regarding Environment monitoring, PO has been placed on M/s Mantec Consultants, a reputed MOEF & CC approved Agency to carry out environment monitoring for the



	<p>six monthly compliance status report shall be posted on the website of the company.</p>	<p>Project and the test results is being sent to the respective Authorities.. A copy of Environmental Clearance and six monthly compliance status report has been posted on the website of the company.</p>
xiv.	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 environmental clearance conditions and shall also be sent to the respective Regional Offices of MOEF & CC by e-mail.</p>	<p>We confirm that the Environment statement for the year would be submitted to the concerned State Pollution Control Board, put on the website of the company and sent to the respective Regional offices of the MOEF & CC as well, once the Storage Tanks at Barwala are commissioned.</p>
xv.	<p>The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/ committee and may also be seen at Website of the Ministry at http://moef.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office of the Ministry.</p>	<p>Copy of the advertisements published in Ajit, Jalandhar in Punjabi, Dainik Bhaskar (Panipat & Hisar editions) in Hindi & The Tribune, Chandigarh in English on dated 11.06,17 have already been forwarded to the Regional offices vide our letter HPCL/RBPL/EC/2017/001 dated 22.06.17.</p>
xvi.	<p>Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.</p>	<p>The date of financial Closure & final approval of the project: 15.11.16. Date of start of construction for the project: 12.06.17.</p>


 टी. के. झा / T. K. JHA
 मुख्य प्रबंधक-प्रोजेक्ट मॉनिटरिंग
 Chief Manager - Project Monitoring
 पाइपलाइन परियोजना / Pipeline Projects
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