

State Level Environment Impact Assessment Authority, Rajasthan

4, Institutional Area, Jhalana Doongri, Jaipur-302004

Phone: 0141-2705633, 2711329 Ext. 361

No: F1(4)/SEIAA/SEAC-Raj/Sectt/Project /Cat.6(b)B1/(338) 10-11

Jaipur, Dated:

To,

23 AUG 2012

M/s Indian Oil Corporation,
Rajasthan State Office,
Indian Oil Bhawan,
Ashok Chowk,
Adarsh Nagar,
Jaipur

Sub: EC for project for augmentation of existing capacity of POL Terminal (through pipeline) of "Indian Oil Corporation Limited" at Village-Jalampura, Tehsil & District-Chittorgarh (Rajasthan).

Sir,

This has reference to your application dated 3.1.11 seeking environmental clearances for the above project under 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 additional clarifications furnished in response to the observation of the State Level Expert Committee Rajasthan, in its meetings held on 26/27.7.11, 30.4.12/1.5.12 & 30/31.7.12

2. Brief details of the Project:

1.	Category & Item No. (In the Schedule):	6 (b) B1																								
2.	Location of Unit	(1) Khasra no. 176 to 184, 184/1, 185, 186, 188 to 194 (total khasra Numbers = 19), in Village Jalampura, Tehsil and District - Chittorgarh. (2) Site is located in SoI, G.T. Sheet No. 45L/9 and 45L/10.																								
3.	Total Area	1, 42,000 sq. m. (i.e. 14.2 ha.)																								
4.	Product & Capacity	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">1.</td> <td style="width: 75%;">POL Storage in POL Terminal (through pipeline)</td> <td style="width: 20%;"></td> </tr> <tr> <td>2.</td> <td>Existing Capacity</td> <td style="text-align: right;">41,752 KL</td> </tr> <tr> <td>3.</td> <td>Proposed Expansion in capacity</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">a.</td> <td>Vertical Tankage (HSD)</td> <td style="text-align: right;">6,310 KL</td> </tr> <tr> <td style="padding-left: 20px;">b.</td> <td>Vertical Tankage (MS)</td> <td style="text-align: right;">8,000 KL</td> </tr> <tr> <td style="padding-left: 20px;">c.</td> <td>Additional TLF bags</td> <td style="text-align: right;">06 no.</td> </tr> <tr> <td style="padding-left: 20px;">d.</td> <td>Total proposed expansion</td> <td style="text-align: right;">14,310 KL</td> </tr> <tr> <td>4.</td> <td>Total Capacity after expansion</td> <td style="text-align: right;">56,062 KL</td> </tr> </table>	1.	POL Storage in POL Terminal (through pipeline)		2.	Existing Capacity	41,752 KL	3.	Proposed Expansion in capacity		a.	Vertical Tankage (HSD)	6,310 KL	b.	Vertical Tankage (MS)	8,000 KL	c.	Additional TLF bags	06 no.	d.	Total proposed expansion	14,310 KL	4.	Total Capacity after expansion	56,062 KL
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5.	Expected Project Cost	Proposed Project cost for expansion - Rs. 862 lacs (As per page - 188, para 9.0 in EIA report)																								
6.	Water Requirement & Source:	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Purpose</th> <th colspan="3">Water Demand</th> </tr> <tr> <th>Existing</th> <th>Proposed Expansion</th> <th>Total after Expansion</th> </tr> </thead> <tbody> <tr> <td>Domestic</td> <td style="text-align: center;">3.50</td> <td style="text-align: center;">-</td> <td style="text-align: center;">3.50</td> </tr> <tr> <td>Industrial (Washing)</td> <td style="text-align: center;">1.50</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1.50</td> </tr> <tr> <td>Green Belt plantation</td> <td style="text-align: center;">1.50</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1.50</td> </tr> <tr> <td style="text-align: center;">Total</td> <td style="text-align: center;">6.50</td> <td style="text-align: center;">-</td> <td style="text-align: center;">6.50</td> </tr> </tbody> </table> <p>Source: - 1. Ground water through own tube wells. 2. Fire water - one time requirement (14,700 KL) to met from existing sources or private source / tankers supply.</p> <p>Note: - As per para 2.4 on page 50 of EIA report.</p>	Purpose	Water Demand			Existing	Proposed Expansion	Total after Expansion	Domestic	3.50	-	3.50	Industrial (Washing)	1.50	-	1.50	Green Belt plantation	1.50	-	1.50	Total	6.50	-	6.50	
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		(Rs. in Lacs)		
S.N	Particulars	Capital Cost	Recurring Cost Per annum	
		1	Firefighting equipment	100.00
2	Water Pollution Control	15.00	1.00	
3	Environment Monitoring and Management	15.00	1.00	
4	Occupational Health (once in a six month medical checkup of workers, officers)	1.00	0.10	
Total (1 to 5)		131.00	7.10	
6	Green Belt	5.00	0.50	
7	CSR Activities	14.30	0.50	
Grand Total (1 to 7)		150.30	8.10	

		(Rs. in Lacs)		
S.N	Activity	Capital Cost	Recurring Cost	
Activity 1.	Community Development Project (CDP): for the repair of Gravel Road for 5 Villages in and around Jalampura viz Biloda, Khor, Ordi & Semaliya. Note:- The amount (Rs. 8.80 Lacs) has already been allocated and Rs. 2.20 lacs has been transferred.	8.80	-	
Activity 2.	Distribution of Hand cycles for specially challenged in the region (Jalampura, Khor Ordi etc.	2.00	-	
Activity 3.	Plantation with 200 plants in the proposed open area proposed by the Sarpanch, Gram Panchayat, Jalampura.	1.00	-	
Activity 4.	Hand pumps will be given to the nearby 5-6 villages each Jalampura, Biloda, Khor, Ordi and Semliya.	1.00	-	
Activity 5.	Health camp / Eye testing camp / Veterinary & Animal Health Camp at the Krishi Seva Kendra, Jalampura / Up-Swasth Kendra, Jalampura/ Adarsh Anganbadi Kendra, Khor.	1.00	-	
Activity 6.	Financial assistance for promotion of higher education to be given to (approximately) 5 - 7 meritorious & aspiring girl students for higher education / vocational studies from : a. Rajkiya Madhyamik Vidyalaya, Jalampura b. Rajkiya Prathmik Vidyalaya, Khor c. Rajkiya Prathmik Vidyalaya, Ordi and nearby villages.	0.50	-	
Activity 7.	Training camp for the tanker drivers has already been initiated and will be continued twice every year.	-	0.50	
Total		14.30	0.50	

10	Green Belt Plan	(1) Total project area - 14.20 ha. (2) Already afforested area - 4.68 ha. (3) Trees already planted - 600 no. (4) Survival rate - 80 % (5) Trees proposed for plantation - 200 (6) Funds provision (included in total provision of Environment Management Plan) a. Capital cost - Rs. 5.00 lacs b. Annual recurring cost - Rs. 0.50 lacs
		<u>Note :-</u> Above information is as per para 9.1 on page 188 and para XV on page 233 - 234 of EIA report.

3. The SEAC Rajasthan after due considerations of the relevant documents submitted by the project proponent and additional clarifications/documents furnished to it have recommended for Environmental Clearance with certain stipulations. The SEIAA Rajasthan after considering the proposal and recommendations of the SEAC Rajasthan hereby accord Environmental Clearance to the project as per the provisions of Environmental Impact Assessment Notification 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:


A. SPECIFIC CONDITIONS

- i This EC is granted for setting up of storage of additional capacity of 14,310 KL, the total capacity POL storage terminal after expansion 56,062 KL at village Jalampura, Tehsil & District Chittorgarh Rajasthan.
- ii The project will be limited only to storage of POL 56,062 KL; hence no process water requirement is envisaged. There will be no source of generation of effluent from operation of the proposed storage facility.
- iii The project proponent shall obtain prior CTE / CTO from RSPCB before implementing the project. All the conditions stipulated by the RPCB in its CTE/CTO shall be effectively implemented.
- iv The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended in 2000 and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from Chief Controller of Explosives must be obtained before commission of project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.
- v Regular Ambient Air Quality Monitoring shall be carried out for VOC and HC besides other parameters in ambient air around the Plant. The location and results of existing monitoring stations shall be reviewed in consultation with the Rajasthan State Pollution Control Board based on the occurrence of maximum ground level concentration and downwind direction of wind. Additional Stations shall be set up. If required, it shall be ensured that at least one monitoring station each is set up in up-wind & in down-wind direction along with those in other directions. HC detectors shall be installed at sensitive locations.
- vi The proponent shall upload the status of compliance of the stipulated EC conditions, including monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF at Lucknow, and the Regional Office of RSPCB, Jaipur. The criteria pollutant namely, SPM, RSPM, SO₂, NO_x (Ambient levels as well as stack emissions) and VOC shall be monitored and displayed at the convenient location near the main gate of the Company in the public domain.
- vii The storage facility shall comprise after expansion 56,062 KL, of capacity and there shall be no change in Bulk Storage Capacity and other facilities.
- viii As agreed, the company shall change the Horton spheres to mounded spheres in a phased manner. A detailed time bound action plan in this regards shall be submitted to the Ministry's Regional Office, Lucknow and RSPCB within 3 months from date of issue of this letter.
- ix The company shall install automatic leak detection system with supported hooters or alarm system.
- x Occupational health surveillance of workers shall be done on a regular basis and records maintained as per the Factory Act.
- xi Greenbelt shall be developed to mitigate the effect of fugitive emissions all around the plant in a minimum 33% plan area in consultation with DFO as per CPCB guidelines.
- xii Regularly monitoring of VOC and HC in the Work Zone Area in the Plant shall be carried and data be submitted to Ministry's Regional Office at Lucknow, and Rajasthan State Pollution Control Board. Quarterly monitoring of fugitive emissions will be carried out as per the Guidelines of CPCB.
- xiii The Company shall obtain prior permission for drawl of ground water from the Central Ground Water Authority.
- xiv The company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.
- xv Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking. Mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- xvi It will be ensured that any incidents such as that in Sitapura industrial Area of IOCL does not occur which may jeopardize the life and safety and existence of any natural resource.

B. GENERAL CONDITIONS

- i The project authorities must strictly adhere to the stipulations made by the Rajasthan State Pollution Control Board (RSPCB), the State Government and any other statutory body.
- ii No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, Rajasthan / Ministry of Environment and Forests.
- iii The overall noise levels in and around the plant area shall be limited within the prescribed standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz 75 DBA (day time) and 70 DBA (night time).
- iv The project authorities shall provide adequate funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA, Rajasthan as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purposes.
- v The stipulated conditions shall be monitored by the Regional Office of the MoEF, Lucknow / Central Pollution Control Board / Rajasthan State Pollution Control Board. A six monthly compliance report and the monitored data should be submitted to them regularly. It will also be displayed on the Website of the Company.
- vi The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both on hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the RSPCB.
- vii A copy of clearance letter shall be sent by the 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. The clearance letter shall also be put up on the website of the company by the proponent.
- viii The Project Proponent should inform the public that the project has been accorded environmental clearance by the SEIAA, Rajasthan and copies of the clearance letter are available in the website of the Rajasthan State Pollution Control Board at <http://www.rpcb.nic.in>. This should 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 should be forwarded to the SEIAA, Rajasthan, Regional office of the MoEF, Lucknow and RPCB.
- ix The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Rajasthan 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 alongwith the status of compliance of EC conditions and shall also be sent to the Regional Office of the MoEF, Lucknow by e-mail.
- x The date of Financial Closure and final approval of the project by the concerned authorities and the date of commencing the land development work as well as the commissioning of the project, shall be informed to the SEIAA, Rajasthan, Regional Office of MoEF, Lucknow, and RSPCB.
- xi Proper House keeping and adequate occupational health programme shall be taken up. Regular Occupational Health Surveillance Programme for the relevant diseases shall be carried out and the records shall be maintained properly for at least 10 years. Sufficient preventive measures shall be adopted to avoid direct exposure to emission and other Hydrocarbons etc.
- xii A separate environment management cell with full fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a Senior Executive.
- xiii The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv The SEIAA, Rajasthan reserves the right to stipulate additional conditions if found necessary. The company shall implement these conditions in a time bound manner.
- xv The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008 and Manufacture, Storage and import of Hazardous Chemicals Rules, 1989/2000 along with their amendments and rules.

Yours faithfully,


(Sankatha Prasad)
Member Secretary
SEIAA Rajasthan

Copy to following for information and necessary action:

1. Secretary, Ministry of Environment and Forest, Govt. of India, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi.
2. Addl. Chief Secretary, Environment Department, Rajasthan, Jaipur.
3. Smt. Alka Kala, Chairman, SEIAA, Rajasthan, 69-A, Bajaj Nagar Enclave, Jaipur
4. Shri Moti Lal Daima, Member, SEIAA, Rajasthan, 48/9, Moti Path, Mansarovar, Jaipur.
5. Member Secretary, Rajasthan State Pollution Control Board, Jaipur for information & necessary action and to display this sanction on the website of the Rajasthan State Pollution Control Board, Jaipur.
6. Secretary, SEAC Rajasthan.
7. The CCF, Regional Office, Ministry of Environment & Forests, RO(CZ), Kendriya Bhawan, 5th Floor, Sector 'H', Aliganj, Lucknow-226 020.
8. Environment Management Plan- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
- ✓ 9. Nodal Officer (Departmental Website), Department of Environment, Government of Rajasthan, Jaipur with the request to upload the copy of this environmental clearance on the website.


M.S. SEIAA (Rajasthan)