


STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY PUNJAB

Ministry of Environment, Forest & Climate Change, Government of India
 O/o Directorate of Environment & Climate Change
 MGSIPA Complex, Sector 26,
 Chandigarh-160019
 seiaapb2017@gmail.com

No. SEIAA/MS/2022/221
Through Parivesh Portal
Date 01.07.2022

To

Punjab Small Industries and Export Corporation Limited,
 Plot No 18, Himalaya Marg Udyog Bhawan,
 Sector 17-A, Chandigarh- 160017
 Mobile No.: 95019-00672
 Email ID: psiec_chd@yahoo.com

Subject: Amendment in the Environmental Clearance under EIA Notification dated 14.09.2006 of "Industrial Park" at Village Wazirabad, Tehsil Sirhind, Distt-Fatehgarh Sahib, (Punjab) by Punjab Small Industries & Export Corporation Limited (PSIEC) (Proposal No. SIA/PB/NCP/272399 /2022).

This has reference to your subject cited application submitted on 20.05.2022. The project was earlier granted Environment Clearance under the EIA Notification 14.09.2006 vide no. SEIAA/MS/2021/4041 dated 04.05.2021 for setting up a new Pharmaceutical Park (Bulk drugs & APIs and Formulations) at Village Wazirabad, Distt- Fatehgarh Sahib, Punjab. The amendment proposal has now been appraised as per procedure prescribed under the provisions of EIA Notification dated 14.09.2006 on the basis of the mandatory documents enclosed with the application viz., Form-4, EMP, Layout plan (DRG No. PSIEC/PLG/LP-38/2022 dated 20.04.2022), earlier EC letter and additional clarifications furnished.

The SEAC, Punjab in its 221st meeting held on 27.05.2022 after due consideration of the relevant documents submitted, presentation given and additional clarification/ document furnished by the project proponent, has recommended the case to SEIAA for amendment.

The proposal was considered by SEIAA in 207th meeting held on 15.06.2022 wherein SEIAA decided to accept the recommendation of SEAC and amend the Environmental Clearance granted vide no. SEIAA/MS/2021/4041 dated 04.05.2021 to Punjab Small Industries & Export Corporation Limited for setting up of Industrial Park in the revenue estate of village Wazirabad, Tehsil Sirhind, Distt- Fatehgarh Sahib, Punjab as recorded in the proceedings of its 207th meeting held on 15.06.2022 with certain additional conditions and all other details and conditions remaining same as in the original Environmental Clearance granted vide letter no SEIAA/2019/657 dated 22.08.2019.

Accordingly, amendment in the Environmental Clearance, is hereby granted subject to same terms and conditions as imposed in the original Environmental Clearance

granted vide letter no SEIAA/MS/2021/4041 dated 04.05.2021 to Punjab Small Industries & Export Corporation Limited with following changes and additional Conditions:

Amendments in the earlier granted Environmental Clearance

Sr No.	Reference of Approved EC	As per the approved EC	After Amendment					
1.	Total Project Cost (In Crores)	Rs. 153.7 Crores	Rs.141.40 Crores					
2.	Plot Area	130.32 Acres	131.95 Acres					
3.	Manpower requirement	3000 persons	4000 persons					
4.	Plot Area Details							
	Sr. No.	Land use	Area (in Acres)	Sr. No.	Land use	Area (in Acres.)		
	1	Industrial plots	67.93	1	Industrial Plots	103.85		
	2	Commercial use	6.00	2	Commercial Use	02.35		
	3	Public building	4.00	3	Public building	3.75		
	4	Elec. Substation	8.00	4	Elec. Substation	8.10		
	5	Water works/WTP	2.63	5	Water works/Site Office	01.30		
	6	CETP/STP	3.65	6	Disposal Works	01.25		
	7	Green/Open space	20.06	7	Common Waste Material/ Hazardous Waste	01.50		
	8	Common Waste Material	1.00	8	Road/Rasta	09.85		
	9	Road/Rasta	17.05		Total	131.95		
		Total	130.32					
5.	Details of Industrial Plots							
	Sr. No	Category of Plot	Nos of Plot	Area in Acres	Sr. No.	Category of Plot	Nos of Plot	Area in Acres
	1.	Plot for Anchor Unit	01	43.75	1.	80.0 Acres Plot	01	80.0
	2.	2.5 Acres & above Plots	01	2.50	2.	15 Acres Plot	01	2.50
	3.	1.0 Acres & above Plots	06	7.18	3.	6.0 Acres Plot	01	7.18
	4.	2500 sqyards & above Plots	23	12.09	4.	3.0 Acres Plot	01	12.09
	5.	500 sqyards & above Plots	21	2.41		Total	04	103.85
		Total	52	67.93				
6.	Details of technology proposed for control of emissions & effluents generated from project							
	Sr. No	Details	Technology to be adopted	Capacity	Sr. No	Details	Tech. to be adopted	Capacity
	1	CETP	ZLD	1.5 MLD	1	CETP	Not Required	NA
	2	STP	SBR/MBBR	0.5 MLD	2	STP	SBR/ MBBR	0.05 MLD

	3	APCD	To be provided by the individual industries	3	APCD	To be provided by the individual industries		
Note: Individual industries will install their own ETPs with ZLD system.								
7.	Details of Emissions							
	Sr. No	Source of Emission	Nos. proposed in EC	Cumulative Capacity	Sr. No	Source of Emission	*Max. Nos. after Amendment	Cumulative Capacity
	1.	Boilers	52	135 TPH	1.	Boilers	10	50 TPH
	2.	DG Sets	59	22700 KVA	2.	DG Sets	15	15000 KVA
Note: The individual industries shall provide adequate & appropriate pollution control systems as per proposed processes as per the CPCB/PPCB norms.				Note: The individual industries shall provide adequate & appropriate pollution control systems according to their processes as per the CPCB/PPCB norms.				
8.	Breakup of Water Requirements & its source in Operation Phase:							
	Sr. No	Water Requirement	Quantity	Source of Water	Sr. No	Water Requirement	Quantity	Source of Water
	1	Fresh Water Demand	2.00 MLD	Bhakra Canal.	1	Fresh Water Demand	3.435 MLD	Bhakra Canal.
	2	Recycled Water	1.40 MLD	Treated Waste Water	2	Recycled Water	0.915 MLD	Treated Waste Water
	Total		3.40 MLD		Total		4.35 MLD	
9.	Wastewater generation & its disposal Arrangement							
	Particulars	WW Gen.	Effluent Treatment & disposal facility		Particulars	WW Gen.	Effluent Treatment & disposal facility	
	Domestic	0.4 MLD	STP of capacity 0.5 MLD will be installed within the project premises and entire treated waste water will be used in green area/ Horticulture.		Domestic	0.147 MLD	The Anchor unit will install its own STP and common STP of capacity 0.05 MLD will be installed by PSIEC and treated waste water will be used in green area/ Horticulture.	
	Industrial	1.48 MLD	Waste water will be treated in CETP of capacity 1.5 MLD followed by RO plant with MEE and recycled in cooling Tower & industrial process to maintain the Zero Liquid Discharge (ZLD)		Industrial	0.780 MLD	No CETP will be required/provided. All the individual units shall install their own ETP with Zero Liquid Discharge (ZLD) Technology.	
	Total	1.88 MLD	ZLD Technology will be adopted for the industrial park.		Total	0.927 MLD		

10.	Details of Hazardous Waste							
Sr. No.	Particulars	Quantity	Treatment/ disposal	Sr. No.	Particulars	Quantity	Treatment/ disposal	
1.	Hazardous waste (ETP sludge from CETP)	6 TPD (180TPM)	Sent to the TSDF, Nimbua.	1.	Hazardous waste (ETP sludge from Individual units)	2 TPD (60 TPM)	Sent to the TSDF, Nimbua.	
PSIEC shall make proper arrangement for storage & disposal of ETP sludge as per the provisions of Hazardous Waste Management Rules), 2016. Further the individual industries shall also make proper arrangement for storage & disposal of ETP sludge/ other hazardous wastes as per the provisions of Hazardous Waste Management Rules), 2016.				The individual industries shall make proper arrangement for storage & disposal of ETP sludge/ other hazardous wastes as per the provisions of Hazardous Waste Management Rules), 2016.				
11.	Solid Waste generation and its mode of disposal:							
Sr. No	Particulars	Total	Treatment/ disposal	Sr. No	Particulars	Total	Treatment/ disposal	
1	Municipal Solid Waste	600 Kg/ day	Authorized MSW landfill	1	Municipal Solid Waste	700 Kg/ day	Authorized MSW landfill	
2	STP Sludge (Biological Treatment)	300 Kg/ day	To be used as manure.	2	STP Sludge (Biological treatment)	35 Kg/ day	To be used as manure.	
3	Rice Husk/ Coal Ash	120 MT/ Month	As per the PPCB guidelines.	3	Rice Husk/ Biomass Ash	35 MT/ Month	As per the PPCB guidelines.	
12.	Energy requirements & savings							
<p>Total estimate load of the proposed project will be 29.01 MW.</p> <p>Energy Saving Measures:</p> <p>a) Solar panels with battery backup (2 days) will be installed on 24 m, 18 m wide roads with interval of 15m on both sides. An amount of Rs. 3 Crores will be allocated for Solar street lights in EMP budget to save the electric energy.</p> <p>b) Individual industries in the Industrial Park be asked to install solar water heaters for pre-heating and utilize the same in the industrial process.</p>				<p>Total estimate load of the proposed project will be 30.38 MW (33.75 MVA).</p> <p>Energy Saving Measures:</p> <p>a) Solar panels with battery backup (2 days) will be installed on 24 m, 18 m wide roads. Adequate amount shall be allocated for Solar lights/Solar System, to save the electric energy.</p> <p>b) Individual industries in the Park will be asked to install solar water heaters/ solar panel as per norms.</p>				

Additional Conditions:

1. PSIEC shall impose the following conditions in the allotment letter of the individual plot owners:
 - (i) That the individual Plot owner shall obtain Environmental Clearance under EIA notification dated 14.09.2006, if applicable, as per schedule appended with EIA notification dated 14.09.2006.
 - (ii) That no treated/untreated wastewater shall be discharged into the choe/drain passing through the project site.
 - (iii) That the individual plot owners shall provide the Effluent Treatment Plant (ETP) & Sewage Treatment Plant (STP) based on ZLD Technology, as applicable, at a location which shall be at farthest distance from the Choe/drain.
 - (iv) That the individual Plot owners shall mandatorily provide minimum 33% of the green area by planting trees of 6 ft height of native species including 15-meter width green belt along the outer boundary wall, as per the plan approved by PSIEC.
2. That PSIEC shall provide common STP of adequate capacity for the treatment of domestic effluent being generated from the 15 acres, 6 acres & 3 acres Plots and other areas/buildings such as commercial, public building, disposal works etc., Further, the responsibility for operation & maintenance of this common STP shall lies with PSIEC.
3. PSIEC shall ensure the compliance of conditions mentioned in the allotment letter of individual Plot owners and in case of any violation of these conditions, PSIEC shall take strict action as per the provisions of law.
4. The project proponent shall submit a detailed plan for an additional amount of Rs. 1 Crore to be spent on CER activities in the vicinity of the project within 18 months, under the Environmental Management Plan (EMP). This detailed plan would be prepared for amelioration of Soil, Air and Water conditions after conducting field visits and to be submitted to SEIAA within 2 months from the date of issue of Environmental Clearance.
5. This Environmental Clearance is liable to be revoked without any further notice to the Project Proponent in case of failure to submit the aforesaid detailed plan of Rs. 100 lacs within 02 months.
6. Green belt shall be developed in an area of 43.54 acres (equal to 33% of the plant area) with native tree species in accordance with SEIAA guidelines. Total 26430 tall saplings (minimum 6 feet height) of indigenous species such as Neem, Drek, Kusum, Kadam, Banyan, Peepal, Amaltas, Arjun, Chakarasia, etc will be planted within the project sites. Plantation of grasses and ornamental shrubs, if any, would be in addition to the Green Belt of 43.54 acres on which only indigenous tree species are to be planted.
7. A separate Environment Management Cell at company head quarter level, duly approved by Board of directors, shall be set up for implementation of CER plan, which will directly report to the head of the organisation.

This letter must remain appended with the original letter no. SEIAA/MS/2021/4041 dated 04.05.2021 vide which Environmental Clearance was granted to Punjab Small Industries & Export Corp. Ltd., Chandigarh.



Environmental Engineer

Through Parivesh Portal

Copy to:

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-office Complex, East Arjun Nagar, New Delhi.
3. The Chairman, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.
4. The Chairman, Punjab State Power Corporation Ltd, the Mall, Patiala.
5. The Deputy Commissioner, Fatehgarh Sahib.
6. The Deputy Director General of Forests (Central), Ministry of Environment, Forests & Climate Change, Northern Regional Office, Bays No. 24-25, Sector- 31-A, Chandigarh.
7. The Chief Town Planner, Department of Town & Country Planning, 6th Floor, PUDA Bhawan, Phase-8, Mohali.
8. The Deputy Director, Ministry of Environment and Forest, Northern Regional Office, Bays No.24-25, Sector-31-A, Chandigarh. The detail of the authorized Officer of the project proponent is as under:
 - a) Name of the applicant : Sh. Amanpreet Singh, Executive Engineer-II
 - b) Phone Number : 95019-00672
 - c) Email Id : psiec.ec@gmail.com
9. Monitoring Cell, Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 110003.



Environmental Engineer