



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), RAJASTHAN)

To,

The Business Development Manager
 NATIONAL FEDN. OF FARS. PROCMT. PROCSSG. & RETAILING
 COOPS OF INDIA LIMITED
 505-506, Raja House, 30-31, Nehru Place, Delhi. -110019

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/RJ/INFRA2/420209/2023 dated 16 Mar 2023. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC23B037RJ119624
2. File No.	767
3. Project Type	New
4. Category	B
5. Project/Activity including Schedule No.	7(i) Common Municipal Solid Waste Management Facility (CMSWMF)
6. Name of Project	INTEGRATED MUNICIPAL SOLID WASTE DISPOSAL & SANITARY LANDFILL FACILITY
7. Name of Company/Organization	NATIONAL FEDN. OF FARS. PROCMT. PROCSSG. & RETAILING COOPS OF INDIA LIMITED
8. Location of Project	RAJASTHAN
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 06/07/2023

(e-signed)
 Ms. Khyati Mathur
 Member Secretary
 SEIAA - (RAJASTHAN)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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State Level Environment Impact Assessment Authority, Rajasthan
Room No. 11, Aravalli Bhawan, Jhalana Institutional Area, Jaipur.

E-mail; seiaams2021@gmail.com

No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 7(i) (22828)/2022-23

Jaipur, Dated: **06 JUL 2023**

National Federation of Farmers Procurement
Processing and Retailing Cooperatives of India Ltd.,
Senior Business Development Manager - Shri Mayank Dubey,
Address-HIG, 06, 03rd Floor, Amer Complex, M. P. Nagar, Zone-II,
Bhopal.

Sub:-EC for "Integrated MSW Processing Plant (Sanitary Land Fill Facility)" by NACOF, having MSW Plant capacity: 300TPD (compost and RDF Plant) and Sanitary Landfill of 75000 cu.m, plant Area: 25,939.42 Sq.mt, Khasra no.- 3185/1508, 3190/2710, 1392, 3184/1392, 3191/2711 Village-Makhupura, RI: 0754, Parbatpura, Kalka: 02957 Makhupura, Tehsil-Ajmer, District-Ajmer, Rajasthan **(Proposal No- 420209)**.

This has reference to your application dated 28.02.2023 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 Appraisal Committee Rajasthan, in its meeting held on 9-12 May, 2023.

2. Brief details of the Project:

S. No.	Particulars	Details			
1.	Category/Item No. (in Schedule):	7(i) Common Municipal Solid Waste Management Facility			
2.	Location of Project	Khasra no. 3185/1508, 3190/2710, 1392, 3184/1392, 3191/2711, Makhupura, Tehsil & Distt. - Ajmer (Raj.)-305002.			
3.	Project Details Land use Break up	S. No.	Facilities	Area (Sq.m.)	Percentage (%)
		1.	Weigh bridge/including office	200 sq. m	0.77
		2.	Pre-shorting Platform	1000 sq. m	3.86
		3.	Preparatory	1000 sq. m	3.86
		4.	Finishing	1000 sq. m	3.86
		5.	Composting windrows	2475 sq. m	9.54
		6.	MRF/Godown	2400 sq. m	9.25

		7.	Leachate Plant	75 sq. m	0.29
		8.	Transformer Area	10 sq. m	0.04
		9.	Road Area	8167 sq. m	31.48
		10.	Sanitary Land fill Area	8612.42 sq. m	33.20
		11.	Tipping	1000 sq. m	3.86
			TOTAL AREA	25939.42 sq. m	100.00
		*Green Area of 8560 Sq.m will be developed at the periphery of the plant			
		Project Cost			
		Project Cost		32 Crore	
4.	Salient features regarding products and process in brief including Plant Capacity.	The Design, Construction, Operation and Maintenance of 300 TPD Capacity Municipal Solid Waste to Compost Processing Plant & RDF and Sanitary Landfill of 75,000 Cum Capacity by National Federation of Farmers' Procurement, Processing and Retailing Cooperatives of India Ltd (NACOF) situated at Village: 11093 Makhupura, RI: 0754, Parbatpura, Hlka: 02957 Makhupura, Tehsil: Ajmer, Distt: Ajmer on Khasra Number: 3185/1508, 3190/2710, 1392, 3184/1392, 3191/2711.			
5.	Raw Materials requirement (In case of more than one product Raw material for each product should be specified)	The proposed facility is Integrated Municipal Waste Processing facility. For the construction of this, following material will be required and procured from the local market. Bricks Aggregates PVC Sheets & Pipes Steel Aluminium Compacted Clay HDPE Pipes Geotextile Geo-synthetic clay Vegetative soil			
6.	Solid waste /haz. waste quantities and management	Particulars	Facility	Quantity	Treatment/ disposal
		Municipal Solid Waste	Compost & RDF Plant	300.00 TPD	It will be treated at the project site.
			Sanitary Landfill	75,000 Cu.m.	
7.	Use of substances or materials which are hazardous	The generated used oil from D.G set either will be sent to the Authorized Recyclers/ Re processor or used as lubricant for machineries.			
8.	Project Cost	Total project cost- 32 Crore			
9.	Water Requirement & Source	The freshwater demand is estimated to be 15-20 KLD during construction phase and 30 KLD during operation phase. Source: - Ajmer Municipal Corporation& PHED Ajmer			

10.	Fuel & Energy	Energy:		
		Details	Capacity	Capacity Source
		Power Requirement	200 KW	From TP Ajmer Distribution Ltd.
		Power Back Up	125 kVA (1 Nos.)	125 kVA will be installed for power-backup (as a standby).
11.	Environment Management Plan along with Budgetary breakup	Capital Cost: Rs. 54.00 Lacs Recurring Cost: Rs. 11.00 lacs		
	S. No.	Description of Item	Capital Cost (In Lacs)	Recurring Cost (In Lacs)
	1.	Air Pollution control system comprising of cyclones/bag filters, etc.	5.00	0.50
	2.	Leachate collection tank and Leachate Treatment plant	7.50	1.00
	3.	Holding pond for storm water	1.50	2.00
	4.	Holding pond for Leachate	5.50	0.50
	5.	Rain water harvesting	22.50	1.50
	6.	Green belt	10.00	5.00
	7.	Occupational Health & Safety	2.00	0.50
	Total		54.00	11.00
12.	CSR Activities along with budgetary breakup	Not applicable		
13.	LTP	30 KLD		
14.	Green Belt/Plantation	Capital Cost:	Rs. 10.00 Lacs	
		Recurring Cost:	Rs. 5.00 Lacs	
15.	Budgetary Breakup for Labour	Capital Cost:	Rs. 10 Lacs	

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 in its 5.83rd Meeting held on 16.06.2023 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:

I. Statutory compliance:

- The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)
- iv. 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.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- vi. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- vii. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (for projects involving incineration).
- ii. As proposed, air pollution control device viz. gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bag filter/ESP for removal of particulate matter; venturi scrubber followed by packed bed scrubbed with caustic circulation to neutralize the acidic vapours in flue gas; and demister column for arresting water carryover will be provided to the incinerator. Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO₂, NO_x and CO from the incinerator stack. The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out.
- iii. Analysis of Dioxins and Furans shall be done through CSIR — National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory.
- iv. Incinerator shall be designed as per CPCB guidelines, Energy shall be recovered from incinerator.
- v. Gas generated in the Landfill should be properly collected, monitored and flared.
- vi. The project proponent shall install system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.

iii. Water quality monitoring and preservation

- i. The project proponent shall install continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 - ii. Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the groundwater quality in consultation with the State Pollution Control Board/ CPCB. Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF & CC.
 - iii. The depth of the land fill sites shall be decided based on the ground water table at the site.
 - iv. Rain water runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant.
 - v. Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
 - vi. The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.
 - vii. All leachates arising from premises should be collected and treated in the ETP followed by RO. RO rejects shall be evaporated in MEE. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates.
 - viii. Scrubber water, leachate water or wheel wash effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge.
 - ix. Sewage treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.
 - x. A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/ drainage systems along with the final disposal point should be obtained.
- iv. **Waste management**
- i. No non-hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, shall be handled in the premises.
 - ii. The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016.
 - iii. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
 - iv. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
- v. **Transportation**
- i. Project should ensure that the site is properly cordoned off from general movement and no person or goods permitted to enter the premises. Necessary security provision should be made as a condition in the Authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 to prevent unwanted access.

- ii. Traffic congestion near the entry and exit points from the roads adjoining the project site shall be avoided. Parking should be fully internalized and no public space should be utilized.
 - iii. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 02 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 02 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- vi. Green belt**
- i. Green belt shall be developed in an area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the project site.
 - ii. Top soil shall be separately stored and used in the development of green belt.
- vii. Public hearing and Human health/safety issues**
- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 - ii. Provision 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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
 - iii. Occupational health surveillance of the workers shall be done on a regular basis.
- viii. Corporate Environment Responsibility**
- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
 - ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
 - iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
 - iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

- v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

ix. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently. (for projects involving incineration).
- ii. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed (For projects involving only Landfill without incineration).
- iii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iv. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results or monitored data on their website and update the same on half-yearly basis.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain (incase of incineration involved).
- viii. The project proponent 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, commencing the land development work and start of production operation by the project.
- ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xi. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xii. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiii. The Ministry may revoke or suspend the clearance, if implementation of any of the above

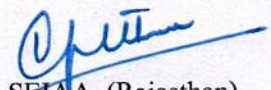
- conditions is not satisfactory.
- xiv. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xv. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
- xvi. The above conditions shall 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, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.
- xvii. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


(Khyati Mathur)
Member Secretary,
SEIAA, Rajasthan.

No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 7(i) (22828)/2022-23 Dated:

Copy to following for information and necessary action:

1. Deputy Director, Integrated Regional Office, Jaipur, Ministry of Environment, Forest & Climate Change, Govt. of India, A- 209 & 218, ARANYA BHAWAN, Mahatma Gandhi Road, Jhalana Institutional Area, Jaipur – 304002 (Raj.).
2. Additional Chief Secretary, Environment & CC Department, Rajasthan, Jaipur.
3. Sh. Rajeeva Swarup, IAS (Retd.), Chairman, SEIAA, Room No. 101, Aravalli Bhawan, Jhalana Institutional Area, Jaipur.
4. Dr. Suresh Chandra, IFS (Retd.), Member, SEIAA, Room No. 103, Aravalli Bhawan, Jhalana Institutional Area, Jaipur.
5. Member Secretary, Rajasthan State Pollution Control Board, Jaipur
6. Member Secretary, SEAC Rajasthan.
7. Environment Management Plan- Division, Monitoring Cell, Environment, Forest & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi- 110003.
8. I.A, SEIAA, Jaipur with the direction to upload the copy of this Environment Clearance on the website.


M.S. SEIAA, (Rajasthan)