Re 5.7.19

State Level Environment Impact Assessment Authority, Rajasthan

Main Building, Room No. 5221, Secretariat, Jaipur.
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No. F1 F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a) B2 (15361)/2019-20 Jaipur, Dated 04 JUL 2019

M/s Alchem International Pvt. Ltd.,
Add-201, Empire Plaza,
Mehrauli-Gurgaon Road,
Sultanpur, New Delhi.

Sub:- Proposed expansion of Production Capacity With change in the Product Mix for manufacturing of Herbal Extracts and Active Pharmaceutical Ingredients (Expansion capacity- From 200 kg/Day to 735 kg/Day) of Alchem International Pvt. Ltd. situated at SP-2-5, RIICO Industrial Area, District- Alwar (Rajasthan) for an area of 76970 Sq.m. **(Proposal No-30024, SEIAA No. 309).**

This has reference to your application dated 05.11.2018 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 18, 19 & 20.06.2019.

2 Brief details of the Project:

S. No.	Particulars	Details
1.	Category/Item No. (in Schedule):	Category - 'B 'in 5(f)
2.	Location of Project	SP 2-5 , RIICO Industrial area , Phase 1, Neemrana, District- Alwar
3.	Project Details Land use Break up	Given Below:
4.	Details of construction taken place at site(if any)	This is existing project. The expansion coming up within the same premises
5.	Salient features regarding products and process in brief including Plant Capacity.	The Proposed expansion of Production Capacity With Change in the Product Mix Manufacturing of Herbal Extracts and Active Pharmaceutical Ingredients (Expans Capacity- From 200Kg/Day to 735Kg/Day). **PURE HERBAL PRODUCTS MANUFACTURED IN THE**

FACTORY				
S. No	**Product**	**Raw Material (Herb)**	**Annual Quantity of Herb used for Extraction (Tons)**	**Quantity of Final Product (Kg/Annum)**
1.	Sennosides	Senna Leaves and Pods	1600	34000
2.	Calcium Sennosides 20 %	Senna Leaves and Pods		4000
3.	Milk Thistle Extract	Cardace Seeds	100	5000
4.	Turmeric Extract	Turmeric Roots	50	12500
5.	Grape Seed Extract	Grape Seeds	10	2000
6.	Pomegranate Extract	Pomegranate Peels	10	2500
			1770	**60,000**

PURE HERBAL PRODUCTS PROPOSED TO BE MANUFACTURED IN THE FACTORY

S. No	**Product**	**Raw Material (Herb)**	**Annual Quantity of Herb used for Extraction (Tons)**	**Quantity of Final Product (Kg/Annum)**
1.	Passion Flower Extract	Passiflora Leaves	10	1000
2.	Red Clover Extract	Red Clover	10	500
3.	Ferrula Extract	Ferrula Communis Roots	10	450
4.	Echinacea Extract	Echinacea Angostifolia	10	500
5.	Pygeum Extract	Prunus Africana	30	150
6.	Salacia Extract	Salacia Roots	10	500
7.	Pelargonium Extract	Pelargonium Roots	10	150
8.	Gingerol	Ginger Roots	10	1000
9.	10 De Acetyl	Taxus Baccata	100	150

	Baccatin	Leaves		
10.	Colchicine	Gloriosia Superba Seeds	50	250
11.	Nicotine EP/USP	Tobacco Dust	9000	72000
12.	Nicotine Polacrilex/ Resinate	Tobacco Dust	In house	500
13.	Nicotine Di Hydrate Di Tartrate	Tobacco Dust	In house	500
14.	Hyoscamine	Dubosia Leaves	In house	50
15.	Horse Chest Nut Extract	Horse Chest Nut	100	1800
16.	Valerian Dry Extract	Valerian Roots	100	10000
17.	Senna dry Extract	Senna Leaves and Pods	200	28000
			9650	**117500**
SEMI SYNTHETIC PRODUCTS PROPOSED TO BE MANUFACTURED IN THE FACTORY				
1.	Hyoscine Hydrobromide	Dubosia Leaves	500	15000
2.	Hyoscine Butyl Bromide	Dubosia Leaves	In house	15000
3.	Hyoscamine Hydrobromide	Dubosia Leaves	In house	50
4.	Hyoscamine Sulfate	Dubosia Leaves	In house	100
5.	Atropine Sulfate	Dubosia Leaves	In house	1000
6.	Cimetropium Bromide	Dubosia Leaves	In house	50
7.	Met Scopolamine Bromide	Dubosia Leaves	In house	100
8.	Vinpocetine	Vocanga Seeds	300	2500
9.	Thiocolchicoside	Gloriosia Superba Seeds	200	2000
10.	Digoxin	Digitalis Lannata	60	75

			Leaves		
11.	Reserpine	Rauwolfia Vomitoria	30	100
12.	Enoxolone	Acetyl Glycyrrheteni c Acid	10	6000
13.	Paclitaxel	10 De Acetyl Baccatin	Inhouse	100
14.	Docetaxel	10 De Acetyl Baccatin	Inhouse	500
15.	Homa Tropine Methyl Bromide	Tropine	1	500
Total			**1101**	**43075**

6. Raw Materials requirement (In case of more than one product Raw material for each product should be specified)

Raw material consumption per Ton of product is given below.

PURE HERBAL PRODUCTS MANUFACTURED IN THE FACTORY

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2.	Calcium Sennosides 20 %	Senna Leaves and Pods	
3.	Milk Thistle Extract	Cardace Seeds	100
4.	Turmeric Extract	Turmeric Roots	50
5.	Grape Seed Extract	Grape Seeds	10
6.	Pomegranate Extract	Pomegranate Peels	10
			1770

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2.	Red Clover Extract	Red Clover	10
3.	Ferrula Extract	Ferrula Communis Roots	10
4.	Echinacea Extract	Echinacea Angostifolia	10
5.	Pygeum Extract	Prunus Africana	30
6.	Salacia Extract	Salacia Roots	10

7.	Pelargonium Extract	Pelargonium Roots	10
8.	Gingerol	Ginger Roots	10
9.	10 De Acetyl Baccatin	Taxus Baccata Leaves	100
10.	Colchicine	Gloriosia Superba Seeds	50
11.	Nicotine EP/USP	Tobacco Dust	9000
12.	Nicotine Polacrilex/ Resinate	Tobacco Dust	In house
13.	Nicotine Di Hydrate Di Tartrate	Tobacco Dust	In house
14.	Hyoscamine	Dubosia Leaves	In house
15.	Horse Chest Nut Extract	Horse Chest Nut	100
16.	Valerian Dry Extract	Valerian Roots	100
17.	Senna dry Extract	Senna Leaves and Pods	200
			9650
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4.	Hyoscamine Sulfate	Dubosia Leaves	In house
5.	Atropine Sulfate	Dubosia Leaves	In house
6.	Cimetropium Bromide	Dubosia Leaves	In house
7.	Met Scopolamine Bromide	Dubosia Leaves	In house
8.	Vinpocetine	Vocanga Seeds	300
9.	Thiocolchicoside	Gloriosia Superba Seeds	200
10.	Digoxin	Digitalis Lannata Leaves	60
11.	Reserpine	Rauwolfia Vomitoria	30
12.	Enoxolone	Acetyl Glycyrrhetenic Acid	10

		13.	Paclitaxel	10 De Acetyl Baccatin	Inhouse
		14.	Docetaxel	10 De Acetyl Baccatin	Inhouse
		15.	Homa Tropine Methyl Bromide	Tropine	1
		Total			**1101**
7.	Solid waste /haz. waste quantities and management	Given below:			
8.	Use of substances or materials which are hazardous	Given below:			
9.	Project Cost	The Total estimated project cost is Rs. 101.11 Crore			
10.	Water Requirement & Source	One time water demand is estimated 297KLD for expansion. Daily fresh water demand is estimated 200 KLD, which will be met out from existing bore well after obtaining permission from CGWA and 97 KLD water will be recycled after treatment with ETP.			

Particular	**Water Demand (KLD)**		
	Existing	**Proposed**	**Total**
Domestic	6.0	4.0	10.0
Industrial	52.0	138.0	190.0
Other (washing/flushing)	6.0	(-6*)	-
Total	**64.0**	**136.0**	**200.0**

*In existing scenario fresh water is being used for flushing and washing now it is proposed that recycled water from ETP will be use for the same and 6KL water will be conserved.

Source: Existing bore well and additional water demand will be withdraw after obtaining permission from CGWA.

Area	**Waste water generated KLD**			**Disposal**
	Existing	**Proposed**	**Total**	
Industrial	20.0	85.0	105.0	Existing waste water is being treated in ETP with Capacity of 50KLD and proposed waste water will be treated in Effluent Treatment Plant with expansion in Capacity- from 50 KLD to 120KLD).
Domestic	4.2	3.0	7.0KLD	Existing waste water is being

						treated in Septic tank followed by soak pit & proposed waste water will be treated by installation of STP of 20KLD capacity

11. Fuel & Energy

Existing Load – 1250kVA with a connected load of 1000 kVA.
Proposed Load- 750 kVA.
Existing D.G. Sets: 2 Nos. (500kVA each), 1 No(110kVA),
Proposed-1 No.(1010kVA)

Fuel	Existing	Proposed	Total	Source
Boiler (TPD)				
Husk & Exhausted Herbs	80	-	80	Open Market & in house
DG Set (ltr/hr/)				
Diesel (DG Set)	160	160	320	HPCL Depot / Nearby Petrol pump

Note: It is mandated gradually sector wise to cut down the carbon emission in obligation to climate change as per UNFCC. Hence as proactive measure unit will intend to switch to alternative fuel contributing to emission gradually by the use of CNG/PNG or diesel /other additives contributing to fuel mix. The quantification of the same will vary depending on the GCV (Gross Calorific Value). However, in no circumstances the fuel mix will be more than 80TPD.

12. Environment Management Plan along with Budgetary breakup

Capital Cost: Rs. 711.75 Lacs
Recurring Cost: Rs. 75Lacs

S. No.	Description of Item	Capital Cost Existing (In Lacs)	Capital Cost Proposed (In Lacs)	Recurring Cost (In Lacs)
1.	Air Pollution Control/ Noise	50	20	8
2.	Water Pollution Control	90	300	30

		3.	Environmental Monitoring and Management	150	72	30
		4.	Green Belt Development	7.75	10	5
		5.	Occupational Health	8	4	2
		Total		**305.75**	**406**	75

13. CSR Activities along with budgetary breakup

As per the Office Memorandum F. No. 22-65/2017-IA.III dated May 1st 2018 by the MoEF & CC, The Corporate Environment Responsibility for the Expansion project with an additional capital investment (below 100 cr.) is applicable 1% as maximum percentage for Brownfield Project

**The total expenses on CER will be employed subject to the 1% of the Capital Invested in the proposed Unit , in that specific financial year.*

Total 2018-22 (5) Years CER Budget: Rs.-38.25*

Approx 0.75% of the proposed expansion Project Cost

S. No.	Activity As per Schedule VII	2018-19	2019-20	2020-21	2021-22	2022-23
1.	Installation of approx. 10 kW of Solar Panels Photo Voltaic On Grid Connection with Net Metering along with grid connecting facilitation for Government Institutions/ Installation of Solar Street Lights at Various Locations around the Habitation or Public Roads, Neemrana:- • *Rajkiya Uchh Madhyamik Vidhyalya*, Neemrana • *Rajkiya Uchh Madhyamik Vidhyalya , Budhwal* • Government Hospital , Neemrana Or Self sustainable Solar Paneled Street Lights towards the Approach road of Neemrana habitation with due permissions & associations from the PWD, Neemrana.	5,15,000	5,15,000	5,15,000	5,15,000	-

			Solar Water Heaters	18,000/- (Per 100 Liter)					
			Solar Panels	12,500/- (Per Panel)					
			Solar street Light Integrated Panel	16,000/- (Per integrated Panel)					
			*The installation Solar Panels shall vary based on load capacity of the facility & Terrace/Stand utility facing sunshine. Time Line : Quarter 3 per year per Location in case of Solar Panels / Quarter 3, 32 Solar Street lights Per Year Same location.						
		2.	Infrastructural development at nearest Government Institutions including Schools and Hospital given below including:- 1. Library for Reading Books for Children upto classes ➢ Installation of Digital Laboratory for Computer Installation with 1 Printer each. *jkiya Uchh Madhyamik Vid* *emrana* *jkiya Uchh Madhyamik Vidhyalya, Bu* *overnment Hospital Neemrana* ➢ For the Government School following : ➢ Electrification and furnishing of Computers ➢ UPS/Inverter ➢ 4 Desktop Computer for each School with installation Time Line : Quarter 2 , 2 weeks for each School (Per Year)	3,45,120	1,11,250	-	-	-

		3.	(A) Provisions towards Modern Health facilities up-gradation of :- Newly established Government Hospital Neemrana Building with Approx. 80 Bedded Facility and thereby requires up gradation towards modern need based health facilities involving:- ➢ Medical Instrument ➢ Medical Tools & Implements repair ➢ Reclining ergonomically adjustable Beds ➢ Wheel Chairs for Patient Movement ➢ RO Installation for Patients Potable Drinking Water ➢ Rain water Harvesting (availability of Funds) (B) Repairs & Maintenance of *UpSwastha Kendra, Budhwal* ➢ Water Cooler installation & Maintenance/ Health Checkup Camps ➢ Time Line: Quarter 1, Annual per year.	-	-	2,50,000	58,750	2,00,000
		4.	In association with Nagar Nigam Neemrana towards Sanitation facilities: Modular Toilets with Water connectivity and Flushing at Public Places under Public Private Partnership: ➢ Bus Stand Neemrana (4 M + 4 W = Total 8) ➢ Johad Cricket Ground Neemrana 2.1 Km NE (4 M + 4 W = Total 8) Regular upkeep shall be handed over to the Nigam after successful Installation. Maintenance can be		2,80,000	-	-	1,40,000

			run with Re.1 Collection per user / per use. Cost 1 Modular Toilet @ 35,000/- Approx.					
		5.	Landscaping & plantation for Green Belt development (community areas) along with the cost of tools & implements in permission with Govt. Schools, Colleges & Institutions within 3.0 – 4.0 km of the project location of local area : Green Cover in Villages: ➢ Also Budhwal, Neemrana & Majri ➢ Johad Cricket Ground Neemrana 2.1 Km, NE ➢ Round about Traffic Circle Neemrana ➢ Avenue Plantation with Tree Guards: Both sides of the Approach Road outside the premises of the proposed project/ around the habitation areas/ Government Schools/ Panchayat premises etc.	2,87,380	50,000	-	-	42,50
			Total Budget for CER (2017-18)	**11.475**	**9.5625**	**7.65**	**5.7375**	**3.**
				30%	**25%**	**20%**	**15%**	**1**

14.	ETP	Expansion in Capacity- from 50 KLD to 120KLD
15.	STP	20 KLD capacity
16.	Green Belt/Plantation	Capital cost: 10.0Lacs Recurring Cost: 5Lacs
17.	Budgetary Breakup for	Capital cost: 4.0Lacs Recurring Cost: 2.0Lacs

	Labour	

S. NO.	PARTICULARS	Capital cost	Recurring Cost
1.	Shelter, Fuel for cooking & basic facilities	4.0 Lacs	2.0Lacs
2.	Drinking water		
3.	Sanitation facility- Conservancy with Soak pit		
4.	Health Facility & Arrangements		
6.	Medical Examination		
7.	Education for their children- Crèche recreation		

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 4.16th Meeting held on 03.07.2019 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:

SPECIFIC CONDITIONS

1. The EC is issued for the proposed expansion of production capacity from 200 Kg per day to 735 Kg per day with change in product mix for manufacturing of herbal extracts and active Pharmaceutical Ingredients as per details mentioned in above table.
2. The PP shall obtain Consent to Establish and Operate from the Rajasthan State Pollution Control Board under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981, before carrying out production activity.
3. The PP shall make compliance of the provisions of the Environment (Protection) Act, 1986 and the rules and notifications issued thereunder.
4. This E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent. Any appeal against this environmental clearance 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.

5. As committed, the PP shall earmark and spend an amount of Rs. 711.75 Lacs as capital cost and Rs. 75.00 Lacs per annum recurring cost towards various environmental protection measures and implementation of various activities under Environmental Management Plan.
6. The PP shall earmark and spend an amount of Rs.38.25 lacs as CSR (during 2018-22) as per the proposal submitted and the detailed action plan be submitted to RSPCB at the time seeking CTE.
7. Total water demand for proposed expansion will be 297 KLD (fresh water demand 200 KLD and the recycled water demand is 97 KLD). The necessary permission of water supply should be obtained and submitted to RSPCB. For withdrawing ground water from bore wells, necessary permission from CGWA shall be taken.
8. The industrial waste water will be treated in ETP of 120 KLD capacity followed by two stage RO plant, keeping zero liquid discharge (ZLD) by way of reusing the of entire treated waste water in cooling tower. The RO reject waste water shall be disposed through adequate capacity Multi Effect Evaporator (MEE) plant so as to maintain ZLD. The construction of the ETP, RO plant and MEE should be carried out simultaneously with that of the project and should be functional before the project is put into use. An independent expert shall certify the installation of the Effluent Treatment Plants (ETP), RO & a report in this regard shall be submitted to the RPCB, before the project is commissioned for operation. Treated waste water shall conform to the norms & standards of the Rajasthan State Pollution Control Board.
9. As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
10. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
11. The domestic waste water will be treated in STP of 20 KLD capacity and treated waste water, confirming to prescribe standards, will be used for plantation and other gainful utilization within the premises.
12. The ETP, STP and RO shall have a separate hour meter and energy meter and the record of the same shall be maintained.
13. The PP should provide atleast 4 no. of peizeometric wells in the premises and the locations of such wells shall be decided in consultation with the Regional Officer and shall carry out half yearly monitoring of these wells. Location of the well should be shown in the map.
14. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
15. The PP shall achieve the stack emission standards and ambient air standards as notified under E. P. Rules 86 and its subsequent amendments.
16. The height of the stack for disbursement of the process emissions shall not be less than 30.00 Mtrs. from ground level.
17. In case of coal fired boiler the PP shall explore the possibility of use of gas.
18. The particulate matter and gaseous emissions (SO_x, NO_x, CO, CO_2, Cl_2 etc) from various processes/units/storages shall conform to the standards prescribed by the State Pollution Control Board /Central Pollution Control Board or under the Environment (Protection Rules' 86 from time to time.

19. The Project Proponent shall provide online continuous monitoring system at all the major stacks (if applicable) as per the CPCB guideline and ensure connectivity of the same with CPCB & RSPCB server.
20. At no time, the emissions shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the unit shall immediately put off operation and shall not restart until the control measures are rectified to achieve the desired efficiency.
21. Ambient air quality monitoring stations shall be set up in the down wind direction as well as where maximum ground level concentration of PM_{10}& $PM_{2.5}$, SO_x, NO_x, CO, CO_2, are anticipated in consultation with Rajasthan State Pollution Control Board.
22. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.
23. The project proponent shall carry out regular monitoring of air emissions (at source, work environment, and ambient air) and assessment of performance of Air pollution control arrangements.
24. Portholes and sampling facilities shall be provided for the stacks emissions monitoring as per the CPCB guidelines. Stack emissions shall be monitored in consultation with RPCB.
25. The PP shall draw the Safety, Health & Environment (SHE) Plan and submit to RPCB.
26. Data on ambient air quality and stack emissions shall be submitted to RPCB, once in six months carried out by MOEF/NABL/CPCB/ Govt. approved lab.
27. The PP shall provide separate drainage and outlets with the precaution that the storm water shall not come into contact with waste sludge.
28. The unit shall obtain proper authorization from Rajasthan State Pollution Control Board, if it generates any waste which falls under the purview of HWMHR-2008.
29. Handling, manufacture, storage and transportation of hazardous chemicals shall be in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 (amended till date).
30. Adequate measures for the control of noise shall be taken so as to keep the noise levels below 85 dB (A) in the work environment. Persons working near the machines shall be provided with well-designed ear muffs/plugs and other personnel protective equipments.
31. Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point shall be established.
32. Efforts shall be made to increase green belt all around the premises. Native plant species shall be selected for this purpose in consultation with the local Forest Department A green belt development plan be prepared and implemented so as to cover at least 33% area of the plot size.
33. The PP shall provide stacks of adequate height at the proposed one D.G. Set (1X1000 KVA) along with acoustic enclosures for noise control as per CPCB guidelines. The DG Sets shall comply with the norms notified under Environment (Protection) Act, 1986.
34. A qualified person in the field of environment or separate Environmental Management Cell to be established to implement and carry out various functions is set up under the control of a Senior Executive who will report directly to the head of the project.
35. The P.P. shall provide all necessary facilities like health facility, sanitation facility, fuel for cooking, safe drinking water, medical camps, and toilets for women, crèche for infants etc for laboures. As proposed the PP shall earmark and spend an amount of Rs. 5 lac as capital cost and Rs. 0.5 as annual recurring cost for labour welfare.

36. The PP will ensure that no employee or worker remains on duty within the plant premises for more than 8 hours per day in one stretch in normal conditions. However based on plant operation and maintenance tasks, overtime can be provided as per the Rajasthan Factories rules for personnel deployed for more than 8 hours.
37. The funds earmarked for the environmental protection measures shall be kept in separate account and shall not be diverted for other purposes and year wise expenditure shall be reported to the Rajasthan State Pollution Control Board under the rules prescribed for environmental audit.
38. The Periodical medical checkup of the workers shall be done in six months and records maintained and effects of fluorine on human health need to be taken into special consideration.
39. The PP shall ensure that, the EC letter as well as the status of compliance of EC conditions and the monitoring data are placed on company's website and displayed at the project site.
40. The SEIAA, Rajasthan reserve the right to add new conditions, modify/ annual any condition and/or to revoke the clearance if implementation of any of the aforesaid condition/other stipulations imposed by competent authorities is not satisfactory. Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow and RPCB and SEIAA, Raj.
41. The PP shall obtain prior clearance from forestry and wild life angle including clearance from standing committee of National Board of Wild Life, as applicable. It is further categorically stated that grant of EC does not necessary implies that forestry and wild Life clearance shall be granted to the project and that proposals for forestry and wild Life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any based on EC so granted, in anticipation of clearance form forestry and wild Life angle shall be entirely at the cost risk of the PP and MOEF shall not be responsible in this regard in any manner.
42. 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.
43. The company shall have a well laid down environmental policy duly approve 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.
44. 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 to the head of the organization.
45. 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.

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

General Conditions:

1. This E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent. Any appeal against this environmental clearance 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.
2. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
3. The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and this office. A six monthly compliance status report shall be submitted to monitoring agencies.
4. The EC is liable to be rejected, in case it is found that the PP has deliberately concealed and furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC.
5. The project authorities shall inform the MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
6. Officials from the Department of Environment, Government of Rajasthan, Jaipur/ Regional Office of MoEF, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to SEIAA should be forwarded to the CCF, Regional Office of MoEF, Lucknow / SEIAA, Department of Environment, Government of Rajasthan, Jaipur / RSPCB.
7. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provision of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
8. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental Clearance and copies of clearance letters are available with the Rajasthan State Pollution Control Board and may also be seen on the website of the RSPCB. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF at Lucknow/Department of Ecology and Environment, Government of Rajasthan, Jaipur.
9. The conditions of EC shall be enforced among others under the provisions of water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006, along with their amendments and rules.
10. The PP shall obtain prior clearance form forestry and wild Life angle including clearance from standing committee of National Board of Wild Life(as applicable). It is further categorically stated that grant of EC does not necessary implies that Forestry and Wild Life clearance shall be granted to the project and that proposals for forestry and wild Life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any based on EC

so granted, in anticipation of clearance form Forestry and Wild Life angle shall be entirely at the cost risk of the PP and MOEF/SEIAA shall not be responsible in this regard in any manner.

11. The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. Main haulage road should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt- conveyors facilities the system should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
13. Periodic monitoring of ambient air quality shall be carried out for PM10, PM2.5, SPM, SO2 and NOx monitoring. Location of the stations (minimum 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Rajasthan State pollution Control Board (RPCB). Six monthly reports of the data so collected shall be regularly submitted to the RPCB/CPCB including the MoEF, Regional office, Lucknow.
14. Personnel working in dusty areas shall wear protective respiratory devices they shall also be provided with adequate training and information on safety and health aspects.
15. The ambient noise level should confirm to the standards prescribed under E (P) A Rules, 1986 viz 75 dB (A) during day time and 70 dB (A) during night time.
16. The PP shall submit an environmental statement for the financial year ending 31st March in Form-V as prescribed under the environment (Protection) Rules, 1986, as amended subsequently on or before the 30th day of September every year, to the Rajasthan State Pollution Control Board/SEIAA and 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 Lucknow Regional offices of MoEF/SEIAA by e-mail as well as hard copy duly signed by competent person of company.

(Dr. D.N. Pandey)
Member Secretary,
SEIAA, Rajasthan.

No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a) B2 (15361)/2019-20 Jaipur, Dated:

Copy to following for information and necessary action:

1. Secretary,Ministry of Environment,Forest & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-1 10003.
2. Principal Secretary, Environment Department, Rajasthan, Jaipur.
3. Sh. R.K. Meena, IAS (Retd.), B-75,Shankar Vihar,50 Feet Gaitore Road, Sawai Gaitor, Jaipur
4. Dr. Anil Kumar Goel IFS (Retd.), Forest Colony, Sector 4, Jawahar Nagar, 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 Pollution Control Board, Jaipur.
6. Sh Rajesh Thakuriya, Member 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, Environment,Forest & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003.
9. Sh. Jagbir Singh Manral, ACP, Department of Environment, Government of Rajasthan, Jaipur with the direction to upload the copy of this Environment Clearance on the website.

4/10/2019

M.S. SEIAA (Rajasthan)