

**FORM-V FOR THE PERIOD OF
MAY-2024 - APRIL 2025**

**Ammonia and Urea Fertilizer for production
1.27 MMTA of Neem Coated Urea**

By

**TALCHER FERTILIZERS LIMITED
VILLAGE - VIKRAMPUR
THESIL-TALCHER DISTRICT-ANGUL,
ODISHA**

Nitya Laboratories Building and Road, Material, Soil, Environmental and Calibration Lab

An ISO : 9001:2015, ISO : 14001:2015 & OHAS : 18001:2007 Certified Company

(Accredited By NABL, MoEF & CC Recognised)

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1.0 INTRODUCTION

1.1 BACKGROUND

Fertilizer Corporation of India Limited (FCIL) has the credit of being the first Public Sector Undertaking (PSU) of Government of India after independence. FCIL operated four fertilizer production units in different parts of the country namely at Sindri, Gorakhpur, Ramagundam and Talcher.

The Talcher Fertilizer Plant of FCIL was based on the gasification of coal. The plants were conceived and designed to utilize the indigenously available feed stock coal. Talcher fertilizer unit, with a designed capacity to produce 900 TPD of Ammonia, 1500 TPD of Urea and other off-site facilities were commissioned in November, 1980. However, due to various limitations in process & equipment and non-availability of coal of desired quality, the plants could not achieve the designed capacity utilization. Due to continuous loss, the net worth of the company became negative and the whole FCIL including FCIL Talcher was referred to BIFR in April 1992 under the sick Industrial Companies (Special provision under Act 1985). Since 2002, FCIL Talcher is totally closed. Several attempts were made to revive Talcher fertilizer unit but could not be materialised.

Urea is pre-dominantly used in our country as fertilizer. There is a huge gap between demand & supply of Urea and the indigenous production is unable to meet the domestic (local) requirement. To fulfill the large gap, Urea is being imported every year. In order to meet the growing demand of nitrogenous fertilizer (Urea), the concept of installation of single stream mega capacity Ammonia and Urea plants became essential. Considering the increasing demand for fertilizers in the country and as an alternative to Natural Gas based fertilizer, it was proposed to set-up coal based new Ammonia (2700 MTPD) and Urea (3850 MTPD) fertilizer plants. To convert the concept into reality, a proposal was put-up before Cabinet Committee of Economic Affairs (CCEA) for setting up a coal based fertilizer plant within existing plant premises of old closed unit of FCI Talcher. The CCEA also approved formation of Joint Venture Consortium (JVC) to set up proposed fertilizer complex. Accordingly, a JVC in the name of Talcher Fertilizers Limited (TFL) has been formed & incorporated on 13th November 2015. It is registered at Registrar of Companies, Cuttack. M/s Rashtriya Chemicals & Fertilizers Ltd (RCF), M/s Coal India Ltd. (CIL), GAIL

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(India) Limited & Fertilizer Corporation of India Ltd. (FCIL) are the members of the consortium.

Initially, before formation of JVC in the name of TFL, the project proposal was to establish a coal based fertilizer and chemical complex comprising five major plants like Coal Washsery, Ammonia, Urea, Nitric Acid and Ammonium Nitrate Plants. Form-I application was submitted and TOR was also approved by MoEFCC on the basis of establishment of above five major plants.

After formation of the JVC- TFL, the project proposal was revised as per prevailing Govt. Policy for revival of old closed units of FCIL and it was decided to install coal based Ammonia and Urea plants only. TFL now proposes to set-up coal based new 2200 MTPD Ammonia and 3850 MTPD Urea plants along with necessary offsite and utilities available/reusable within the premises of FCIL at Talcher Unit.

M/s. TFL has proposed of coal based new Ammonia - Urea fertilizer plant within plant premises of closed unit of FCIL- Talcher in order to seek environment clearance from MoEFCC. M/s. TFL applied for environmental clearance and obtained vide Letter no. **F.No.J-11011/231/2013-IA-II(I) dated 9th February, 2018** for setting up Ammonia & Urea Fertilizer unit by M/s. Talcher Fertilizers Ltd., at Village Vikrampur, Tehsil Talcher, District Angul (Odisha) .

1.2 PROJECT PROPOSAL

1.2.1 Proposed facilities

The project proposal is to set up coal based new Ammonia and Urea fertilizer plants based on recent best available technology comprising of Coal Gasification, Ammonia, Urea and related offsite & utility facilities. Some of important facilities are as under:

Table-1.1
Summary of Main Plants

Sl. No.	Name of the Main Plants	Capacity
01.	Coal Gasification Plant	Synthesis Gas: 242978 Nm ³ /hr
02.	Ammonia	2200 MTPD
03.	Urea (Neem Coated)	3850 MTPD

The proposed project shall also utilize some of the existing facilities after refurbishment for smooth and reliable operation of the process plants. Provision for refurbishment of township and other facilities has been made while finalizing

INTRODUCTION

the total capital requirement. Additional 350 nos. of new residential quarters have also been considered.

1.3 PROJECT COST

The total cost of the above proposed project has been estimated as Rs. ₹10741.05 Crores and it is expected to be completed within 41 months.

The revised project cost is currently estimated at ₹17,080.69 Crores, and the project is expected to be completed by March 2028.

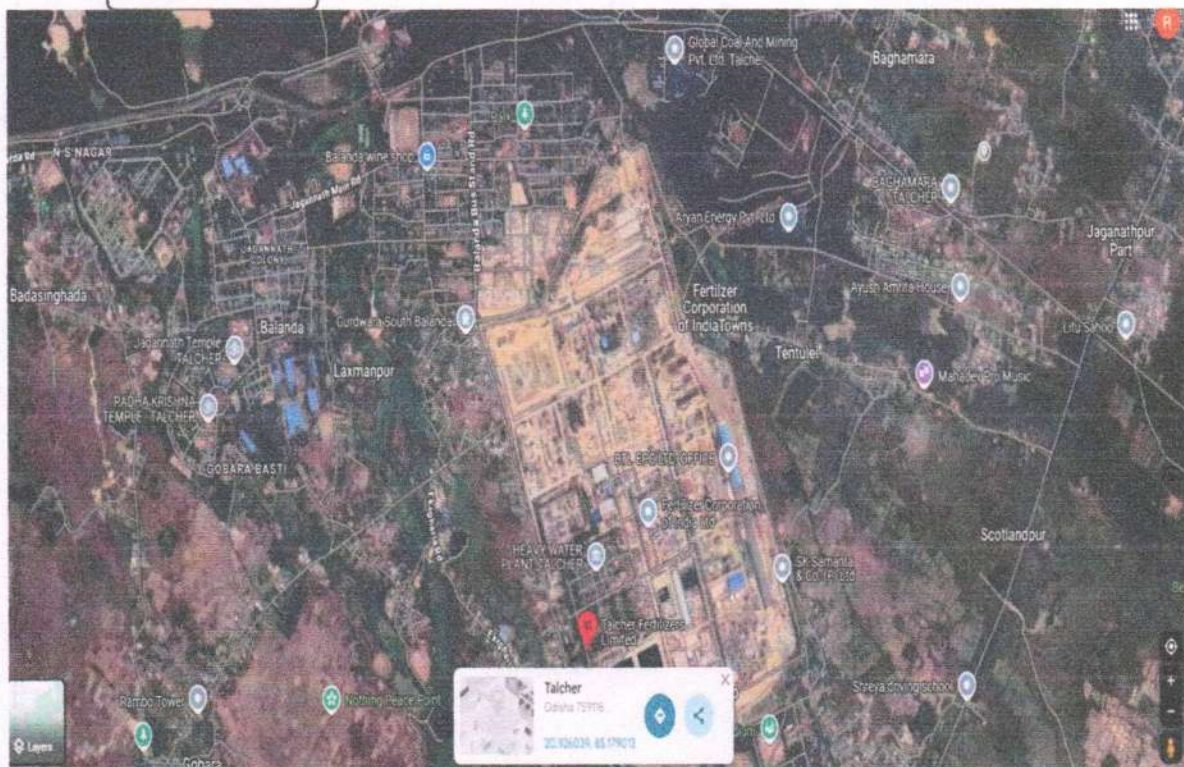
1.4 PROJECT LOCATION

The proposed fertilizer project will be set up within the existing premises of closed FCIL, Talcher unit. Total area of Talcher Fertilizer complex is 904.53 acres out of which, 584.15 acres of land is the plant area and remaining area is for residential colony. Out of the plant area of 584.15 acres, 14.44 acres of area is occupied by Heavy Water Board. Therefore, the area available for the proposed fertilizer project is 569.71 acres, which is adequate for establishment of proposed project.

The land of the proposed project site belongs to FCIL, which is one of the members of JVC-TFL. An MOU has been signed on 5.9.2013 with FCIL for utilization of FCIL's land for establishment of proposed fertilizer plant and has been presented as *Annexure-III* of the report.

The total area of 904.53 acres is not falling under coal bearing zone upto the depth of 250m. Geographically, the project site falls at 20° 54' 39.2508"N and 85° 9' 36.2556"E at 104m above mean sea level (MSL). The location of proposed project in Google Map has been shown in Plate-1.1 of Annexure-I.

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**The location of proposed project in Plate-1.1 of Annexure-I**

Old closed Talcher fertilizer unit is located at Vikrampur village in Angul district of Odisha on the Cuttack - Sambalpur National Highway, NH-42 passing at distance of about 8 km from the site. The nearest railway station is Talcher at about 7 km and nearest airport Bhubaneswar is at 150 km, 3 hours journey by road/ rail from proposed site. Nearest port is Paradeep, at 200 km by rail/road. The project site is well connected with Cuttack and the Capital of Odisha- Bhubaneswar by rail and road. Major lotic system Brahmini, a perennial river is located at a distance of about 8km from site. The requirement of water for the proposed project shall be met from Brahmini River with the existing pumping Station at the bank of river and network of pipelines proposed to be laid by TFL. TALCHER Fertilizers Limited (TFL) requested Odisha Power Transmission Corporation Limited (OPTCL) to provide an alternate power source arrangement for its operations. In response, OPTCL explored various options and proposed a short alternate route of approximately 4.8 km, incorporating a Line-In Line-Out (LILO) arrangement from the existing 220 kV transmission line between TTPS and Rengali. Subsequently, TFL received final connectivity approval from OPTCL in November 2020.

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Another perennial river, Nandira is located to the south of the fertilizer plant at a distance of about 3 km. This river receives wastewater from adjoining industrial units and joins river Brahmini after meandering a distance of 15 km in eastern direction. Government of Odisha has assured to provide all sorts of supports for establishment of proposed fertilizer plant vide Chief Secretary's letter dt 03.11.2009.

Several underground and opencast coal mines of Mahanadi Coalfields Ltd (MCL) have been identified in northern, north-eastern and north-western directions of the proposed fertilizer plant. Study area for the proposed project site falls in Talcher- Angul Industrial area, which is one of the most important industrial cluster of Odisha state. Some of the important industrial units located nearby are Aluminium Smelter Plant & Captive Power Plant of M/s NALCO, Talcher Thermal Power Station of M/s NTPC, Captive Power Plant & Integrated Steel Plant of M/s Bhusan Steel Limited, Thermal Power Plant of M/s Bhusan Energy Limited, Thermal Power Plant of M/s Nav Bharat Ventures Ltd, Sponge Iron Plant of M/s BRG Iron & Steel Co. Ltd. The Angul-Talcher Industrial cluster was declared as critically polluted area by CPCB in the year 2009 (CEP Index 82.09). After implementation of suggested Environmental Management Plan, CEP Index was re-evaluated as 58.25 and the area has been de-notified.

1.5 Justification of the proposed project site

- It will reduce overall gap between demand and supply in the region
- The main raw materials for production of Urea are coal and water and FCIL Talcher is located nearer to the source of Coal i.e. MCL.
- MCL, which is a subsidiary of CIL, is having a number of coal blocks in Talcher Coal field area.
- Availability of vacant industrial land within existing closed unit of FCIL Talcher
- Availability of existing infrastructures within plant premises and offsite utilities.

Proposed project does not require acquisition of new land and existing free unencumbered land is free from R&R issue.

FORM V



Form V - 2021-2022 – Propose setting up Ammonia & Urea fertilizer unit for Production of 1.27 MMTA of Neem Coated Urea (end product) by M/s. Talcher Fertilizers Limited, Village Vikrampur, Tehsil Talcher, District Angul, State Odisha.

PART - A

1.	Name and address of the owner / occupier of the industry operation or process	Sh. Shyamal Roy M/s. Talcher Fertilizers Ltd., Village-Vikrampur, Tehsil- Talcher, District-Angul, State Odisha
2.	Industry category: Primary - (STC code) Secondary: (SIC code)	Red Category
3.	Production capacity:	1. Ammonia – 2200 MTPD 2. Urea (Neem Coated) – 3850 MTPD 3. Coal Gasification Plant – Synthesis Gas :242978 NM3/hr.
4.	Year of Establishment	2015
5.	Date of the last environmental statement submitted	28-04-2023

PART - B

Water & Raw material Consumption		
1.	Water Consumption [The water requirement for the proposed activity is 1785 m ³ /hr].	Nil
II.	Raw Material: a. Coal (as feed)- 120.8 MT b. Coal (as fuel)- 208.7 MT c. Pet Coke (as fuel)-40.3 MT d. Lime Stone -22.6 MT	Nil

Name of Product	Process water consumption per unit of the product output	
	During the previous Financial Year (2023 - 2024)	During the current Financial Year (2024 - 2025)
1. Ammonia – 2200 MTPD 2. Urea (Neem Coated) – 3850 MTPD	Nil	Nil

Form V - 2021-2022 – Propose setting up Ammonia & Urea fertilizer unit for Production of 1.27 MMTA of Neem Coated Urea (end product) by M/s. Talcher Fertilizers Limited, Village Vikrampur, Tehsil Talcher, District Angul, State Odisha.

3. Coal Gasification Plant – Synthesis Gas:242978 NM ³ /hr.		
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Raw Material Consumption		
Name of the Raw Material	During the previous Financial Year (2023 – 2024)	During the current financial Year (2024 - 2025)
Coal (as fuel)		
Pet coke (as fuel)	Nil	Nil
Lime stone		

PART - C

POLLUTION DISCHARGED TO THE ENVIRONMENT/ UNIT OF OUTPUT (Parameters as specified in the consent issued)

It is a proposed project activity of production of Ammonia & Urea fertilizer based on Gasification for production of Neem coated urea (end product) and hence no effective pollution load is observed in the surrounding atmosphere.

S. No	Pollutants	Quantity of Pollutants discharged (mass/day) Kg/day	Concentration of pollutants in discharge (mass/Volume) mg/l	Percentage of variation from prescribed standards with reason
				Nil

PART - D

HAZARDOUS WASTES

(As specified under the hazardous wastes/ management and handling rules 2016)

S. No	Hazardous Wastes	Total Quantity (MT)	
		During the previous Financial Year (2023 - 24)	During the current financial year (2024 - 25)
	Nil		

Form V - 2021-2022 – Propose setting up Ammonia & Urea fertilizer unit for Production of 1.27 MMTA of Neem Coated Urea (end product) by M/s. Talcher Fertilizers Limited, Village Vikrampur, Tehsil Talcher, District Angul, State Odisha.

PART - E

SOLID WASTES (NON-HAZARDOUS WASTES)

S. No	Source	Total quantity (MT)	
		During the previous Financial Year (2023 - 24)	During the current financial year (2024 - 25)
A	From Process		
	MSW (Bio degradable)	Nil	Nil
	MSW (Non bio degradable)	Nil	Nil

PART - F

Please specify the characterizations (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Hazardous Waste –Nil

PART - G

Impact of the pollution abatement measures taken on the conservation of natural resources and on the cost of productions

The unit has proposed to invest about Rs.427 crores towards environmental pollution control measures after the project has initiated and thus, there won't be any disruptions to the nearby natural resources. Although, this anticipated cost will not be diverted for any other additional purposes.

PART - H

Additional measures/investment proposal for the Environmental protection including abatement of pollution, prevention of pollution.

- ❖ The unit has proposed continuous online monitoring system for stack emissions shall be installed for measurements of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server.



Form V - 2021-2022 – Propose setting up Ammonia & Urea fertilizer unit for Production of 1.27 MMTA of Neem Coated Urea (end product) by M/s. Talcher Fertilizers Limited, Village Vikrampur, Tehsil Talcher, District Angul, State Odisha.

PART - I

Any other particulars for improving the quality of the environment:

- ❖ Periodic Environmental Monitoring is carried out by NABL accredited Laboratory periodically.

May 2024 - April 2025

Annexure 1

Environmental Clearance Letter



F. No. J-11011/231/2013-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(IA- II Section)

Indira Paryavaran Bhawan
Jorbagh Road, New Delhi -3

Dated: 9th February, 2018

To

M/s Talcher Fertilizers Ltd
Village Vikrampur, Tehsil Talcher
District Angul (Odisha)

Sub: Setting up Ammonia & Urea Fertilizer Unit at Village Vikrampur, Tehsil Talcher, District Angul (Odisha) by M/s Talcher Fertilizers Ltd - Environmental Clearance-reg.

Sir,

This has reference to your proposal No. IA/OR/IND2/58560/2013 dated 11th October, 2017, submitting the EIA/EMP report with public consultation details on the above subject matter.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for setting up ammonia & urea fertilizer unit based on coal gasification for production of 1.27 MMTPA of neem coated urea (end product) by M/s Talcher Fertilizers Ltd at Village Vikrampur, Tehsil Talcher, District Angul (Odisha).

3. The total land area of the project is 570 acre, out of which green belt will be developed in 180 acre. The cost of the project is Rs.10741.05 Crores. The project will provide employment to 1500 people during construction phase.

4. The proposed product/unit and capacity are as under:

S.No	Product/Unit	Capacity
1	Ammonia	2200 MTPD
2	Urea (Neem coated)	3850 MTPD
3	Coal Gasification Plant	Synthesis Gas: 242978 Nm ³ /hr

5. Total water requirement for the project is 49,200 m³/day. The permission for drawal of surface water from Brahmini River has been obtained from the State Government of Odisha vide letter No. 1513/SF/59 dated 3rd November, 2009.

The power requirement of 72 MW will be met from the Captive Power Plant. The raw Material required for the project are Coal, Pet Coke and lime stone. During initial stages of operation of the plant, coal shall be supplied through Bhubaneswari Coal Mine of M/s Mahanadi Coalfields Ltd. Later, the project proponent shall develop the dedicated coal mine for the procurement of coal in the desired quantity.

6. The project/activity is covered under category A of item 5(a) 'Chemical fertilizers' of the Schedule to the Environment Impact Assessment Notification, 2006, and requires appraisal at central level by the sectoral Expert Appraisal Committee in the Ministry.

7. The terms of reference (ToR) for the project was initially granted on 26th November, 2013, and then extended up to 25th November, 2017. The ToR was transferred in the name of M/s Talcher Fertilizers Ltd from M/s Rashtriya Chemicals & Fertilizers Ltd, vide Ministry's letter dated 27th September, 2017. Public hearing was conducted by the State Pollution Control Board on 30th August, 2017.

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8. The proposal for environmental clearance was considered by the EAC (Industry-2) in its meeting held on 12-13 October, 2017. The project proponent and the accredited consultant M/s Projects & Development India Ltd presented the EIA/EMP report. The committee found the EIA/EMP report satisfactory and recommended the proposal for environmental clearance with certain conditions.

9. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), the Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project 'Setting up Ammonia & Urea Fertilizer Unit for production of 1.27 MMTPA of Neem Coated Urea (end product)' by M/s Talcher Fertilizers Ltd at Village Vikrampur, Tehsil Talcher, District Angul (Odisha), under the provisions of EIA Notification, 2006 and the amendments made therein, subject to the compliance of terms and conditions, as under:-

- (i) In view of the base line air quality data for PM₁₀ already exceeding the prescribed standards, one more season data to be collected to confirm the consistency of readings/values, and for suggesting mitigating measures accordingly.
- (ii) The project proponent shall take stringent mitigating measures to minimize the incremental concentration of air pollutants (mainly PM₁₀ & PM_{2.5}) to the extent possible due to the proposed industrial operations.
- (iii) The project proponent shall develop local air quality management plan in consultation with SPCB and implemented to achieve desired standards.
- (iv) The incremental ground level concentrations (GLCs) for PM₁₀, PM_{2.5}, SO₂ & NO₂ due to the increased vehicular and other allied/developmental activities, shall be analysed and reported for actual impact of the project, besides remedial measures.
- (v) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (vi) As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
- (vii) Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.
- (viii) National Emission Standards for Organic Chemicals Manufacturing Industry Issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
- (ix) To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- (x) Total fresh water requirement shall not exceed 49200 cum/day to be met from surface water from Brahmini River. Prior permission in this regard shall be obtained from the concerned regulatory authority.
- (xi) Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
- (xii) Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer through pumps.
- (xiii) ETP sludge, process inorganic & evaporation salt, if any, shall be disposed off to the TSDF.

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- (xiv) The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
- (xv) The company shall undertake waste minimization measures as below:-
 - (a) Metering and control of quantities of active ingredients to minimize waste.
 - (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - (c) Use of automated filling to minimize spillage.
 - (d) Use of Close Feed system into batch reactors.
 - (e) Venting equipment through vapour recovery system.
 - (f) Use of high pressure hoses for equipment cleaning to reduce wastewater generation.
- (xvi) The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- (xvii) All the commitment made regarding issues raised during the Public Hearing/consultation meeting held on 30th August, 2017 shall be satisfactorily implemented
- (xviii) At least 2.5% of the total project cost shall be allocated for Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.
- (xix) For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- (xx) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- (xxi) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- (xxii) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For 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.

9.1. The grant of environmental clearance is subject to compliance of other general conditions, as under:-

- (i) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board, Central Pollution Control Board, State Government and any other statutory authority.
- (ii) No further expansion or modifications in the plant 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.
- (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 each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.

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- (iv) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.
- (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 (day time) and 70 dBA (night time).
- (vi) The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.
- (vii) 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 chemicals shall be imparted.
- (viii) 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 mitigation measures relating to the project shall be implemented.
- (ix) 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.
- (x) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (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.
- (xii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received 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 SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- (xiv) 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.
- (xv) 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 concerned Regional Office of the Ministry.

(xvi) The 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.

10. The Ministry may revoke or suspend the clearance, at subsequent stages, if implementation of any of the above conditions is not satisfactory.


11. The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

12. The above conditions will be enforced, inter alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water 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.


(S. K. Srivastava)
Scientist E

Copy to:-

1. The Additional PCCF (C), MoEF&CC Regional Office (EZ), A/3, Chandrasekharpur, Bhubaneswar - 23 (Odisha)
2. The Secretary, Department of Forest and Environment, Government of Odisha, Bhubaneswar (Odisha)
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
4. The Member Secretary, Odisha State Pollution Control Board, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit - VIII, Bhubaneswar - 12 (Odisha)
5. Guard File/Monitoring File/Website/Record File


(S. K. Srivastava)
Scientist E



ADDENDUM TO THE CONCESSION AGREEMENT DATED 29.1.2021

**FOR SETTING UP FERTILIZER PROJECT FOR REVIVAL OF CLOSED
FERTILIZER COMPLEX OF FCIL AT TALCHER (ODISHA, INDIA)**

BETWEEN

**FERTILIZER CORPORATION OF INDIA LIMITED
("FCIL")**

AND

**TALCHER FERTILIZERS LIMITED
("TFL")**



ADDENDUM TO THE CONCESSION AGREEMENT

This Addendum Agreement (“**Addendum**”) is made at New Delhi on the 3rd day of April 2024 amending the Concession Agreement dated 29.1.2021.

BY AND BETWEEN

Fertilizer Corporation of India Limited (CIN-U74899DL1961GOI003439), a company incorporated in India under the provisions of the Companies Act, 1956, having its registered office at 7, Institutional Area, SCOPE Complex, Core III, Lodhi Road, New Delhi-110003 (hereinafter referred to as “**FCIL**”, which expression shall unless be repugnant to the context or meaning hereof be deemed to include its successors and assigns etc.) of the **FIRST PART**;

AND

Talcher Fertilizers Limited [CIN:U2412OR2015PLC019575], a company incorporated under the provisions of the Companies Act, 2013, having its registered office at Plot 2/H. Kalpana Area, BJB Nagar, Khurda, Bhubaneswar-751014 (hereinafter referred to as “**TFL**” which expression shall, unless it be repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns) of the **SECOND PART**.

(Both ‘**FCIL**’ and ‘**TFL**’ shall hereinafter be individually referred to as the “**Party**” and collectively referred to as the “**Parties**”).

A. WHEREAS FCIL had entered into a Concession Agreement dated 29.01.2021 with TFL (hereinafter referred to as “**Principal Agreement**”) for granting the right and concession to the TFL in respect of the Facility Area i.e. the land admeasuring approximately 899.291 acres for financing, designing, engineering, procurement, construction, development, operation and maintenance of the Facility i.e. the Project along with the supporting infrastructure subject to the terms and conditions as set out in the Principal Agreement;



B. AND WHEREAS there are some changes in the total quantum of land along with changes in Taluka wise land, since the time of signing of original Concession Agreement on 29.01.2021. Earlier the total land with FCIL was shown as 933.60 acres, whereas the actual available land is 908.516 acres only

Out of 908.516 acres total 32.381 acre of land is to be handed over to Heavy Water Plant (HWP) and balance 876.135 acres of land is to handed over to TFL, out of which clear RoR is available for 870.95 acres of land and for 0.205 acres of land the matter is pending with Govt. of Orissa. Further, 4.98 Acres of land is a Non-RoR category for which permissive rights only will be available.

In view of above the existing Clause 1.1.29 of Concession Agreement needs correction as mentioned below:

The existing Clause 1.1.29 of Concession Agreement

“Facility Area” shall mean the land admeasuring approximately 899.291(excluding land for Heavy Water Plant) acres,(including around 136 acres of land awaiting Record of Rights (RoR),as more particularly described in Schedule –A and to which Concessionaire shall be granted rights of access and use for development, operation and maintenance of the facility.

To be replaced by New Clause 1.1.29 of Concession Agreement

“Facility Area” shall mean the land admeasuring 870.95 acres (excluding land for Heavy Water Plant, around 0.205 acres of land awaiting Record of Rights (RoR) and 4.98 acres of land which is Non –RoR category, for which permissive rights only will be available), as more particularly described in Schedule –A and to which Concessionaire shall be granted rights of access and use for development, operation and maintenance of the facility.

and therefore the Parties have decided to amend Clause 1.1.29 and “**Schedule A - Facility Area and Existing Facility**” of the Principal Agreement

C. AND WHEREAS accordingly the Parties, being desirous of recording the understanding and agreement between them, have entered into this Addendum.



NOW, THEREFORE THIS ADDENDUM WITNESSETH AS UNDER:

1. The Parties hereby amend **clause 1.1.29** and **Schedule A** (Facility Area and Existing Facility) of the Principal Agreement to be replaced by revised clause 1.1.29 and **Schedule A** as attached herewith.
2. The Parties understand, agree and affirm that this Addendum shall be deemed to have come into force and effect from the commencement of the term of the Principal Agreement.
3. Words and expressions used herein and not defined in this Addendum but defined in the Principal Agreement shall have the same meaning as respectively assigned to them in the Principal Agreement and shall apply mutatis mutandis to this Addendum.
4. The Parties agree that this Addendum shall become & form an integral part of the Principal Agreement and in case of any inconsistency, this Addendum shall prevail. In this regard, the Principal Agreement is amended only to the extent specifically set forth herein. All other terms and conditions in the Principal Agreement (read with all and any schedule, amendments, addendum, thereto) shall remain in full force and effect and shall not be superseded by this Addendum and shall apply mutatis mutandis to this Addendum.



IN WITNESS WHEREOF, THE PARTIES HERETO HAVE SET THEIR
RESPECTIVE HANDS ON THE DAY AND YEAR FIRST HEREIN
ABOVE WRITTEN

For Fertilizer Corporation of India Limited

For Talcher Fertilizers Limited

(Signature)

Patil 3.4.24

Name:

पदमसिंग पी. पाटील / PADAMSING P. PATIL
निदेशक (वित्त) / DIRECTOR (FINANCE)

Designation:

The Fertilizer Corporation of India Limited
7, इंस्टीट्यूशनल एरिया / 7, Institutional Area,
स्कोप कॉम्प्लेक्स, कोर III / SCOPE Complex, Core III,
लोधी रोड, नई दिल्ली - 110003
Lodhi Road, New Delhi - 110003

Witness:

1.

S.S. Shekhawat

(S. S. SHEKHAWAT, OSD, FCIL)

2.

Sion Kongari
(SION KONGARI)
FCIL



(Signature)

Shri Shyamal Roy

Name:

03/04/2024

Designation:

Shri Shyamal Roy
Director (Operations)
Talcher Fertilizers Limited

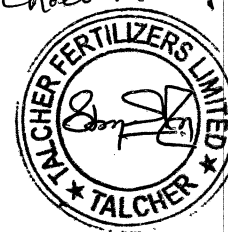
Witness:

1.

A. P. K. N. S. M. (Proprietor)

2.

Suman Kumar Braudhan
Chief Manager (Lda), TFL



SCHEDULE -A

FACILITY AREA

(Area in Acres)

SL.N	Names of Villages & Peripheral Areas	LAND as per original Concession Agreement			Land as per Revised Cocession Agreement							Grand Total
					TFL				HWP			
		TFL	HWP	Total	RoR	Non RoR	Pending RoR	Total	RoR	Non RoR	Total	
1	BIKRAMPUR	440.639	31.221	471.86	406.294			406.294	27.996		27.996	434.29
2	RAIPUR	143.552	3.088	146.64	136.865	4.98		141.845	3.075	0.08	3.155	145
3	TENTULEI	150.64		150.64	152.26			152.26				152.26
4	KARADAPALI	43.42		43.42	43.52			43.52	1.23		1.23	44.75
5	GHANTPADA	36.98		36.98	61.06			61.06				61.06
6	DIAJHARAN	8.37		8.37	13.95			13.95				13.95
7	TEHERANPUR	6.65		6.65	7.95			7.95				7.95
8	TENTOLOI	9.77		9.77	9.72			9.72				9.72
9	TENTOI	5.51		5.51	5.64			5.64				5.64
10	BALARAM PRASAD	10.25		10.25	10.21			10.21				10.21
11	REMUAN				2.651		0.095	2.746				2.746
12	BAGHUABOL				3.55			3.55				3.55
13	NIZIGARH ZAMI				3.08			3.08				3.08
14	NIZIGARH TOWN				4.825		0.11	4.935				4.935
15	HANDIDHUA				5.03			5.03				5.03
16	DEULBERA				4.345			4.345				4.345
17	GURUDWARA	0.4		0.4								
18	Water pipe Line	43.11		43.11								
	TOTAL	899.291	34.309	933.6	870.95	4.98	0.205	876.135	32.301	0.08	32.381	908.516

