

**Minutes of the 56<sup>th</sup> meeting of the State Level Expert Appraisal Committee, West Bengal (2023-2026) held on December 18, 2024 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar.**

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The 56<sup>th</sup> meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal (2023-2026) was held on Wednesday the 18<sup>th</sup> December, 2024 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar. The following members participated:

1)	Dr. Rajesh Kumar, IPS	Secretary, SEAC	Present
2)	Prof. Indranath Sinha	Vice Chairman, SEAC	Present
3)	Prof. Pradip Kumar Sikdar	Member, SEAC	Present
4)	Prof. Sampa Chakrabarti	Member, SEAC	Present
5)	Prof. Suchandra Bardhan	Member, SEAC	Present
6)	Prof. Aniruddha Mukhopadhyay	Member, SEAC	Present
7)	Shri Shubhendu Bandyopadhyay	Member, SEAC	Present

**1) Reconsideration Proposal :-**

**1.1) Environmental Clearance:**

**1.1.1) Industry Sector :**

- I. Proposed expansion of production capacity of Single Super Phosphate Plant from 0.132 MTPA to 0.264 MTPA at JL No. 86, Mouza - Dewanmaro Ayma, P.O. - Hariatara, P.S. - Kharagpur (Local), Dist. - Paschim Medinipur, PIN - 721304, West Bengal.**

**Proposal No.:** SIA/WB/IND3/404103/2022  
**Project Proponent:** M/s. Sai Fertilizers Ltd.  
**Environmental Consultant:** M/s. Global Tech Enviro Experts Pvt. Ltd.

***Activity:***

- This is a proposal for expansion of Single Super Phosphate (SSP) fertilizer Plant from 0.132 MTPA to 0.264 MTPA.

***Salient Features of the Project***

- Salient features of the proposed project as uploaded by the PP in the PARIVESH portal is given below:

Land Area	8.5 ha (21 Acres)
Greenbelt area	2.805 ha i.e. 33% of the plot area

Land Utilization Breakup	Sl. No.	Facilities	Area in sqm.	% total area
	1.	Processing area	15,000	17.64
	2.	Raw material storage	5,000	5.88
	3.	Switch yard & raw water storage	2,000	2.35
	4.	Internal roads & Administrative building	6,000	7.06
	5.	Waste storage yard	1,000	1.18
	6.	Rain water harvesting pond & ETP	13,000	15.30
	7.	Parking area	15,000	17.65
	8.	Green belt	28,000	32.94
	Total		85,000	100
* The greenbelt area should be raised in at least 33% of the plot area which is 2.805 ha (28050 sqm.).				
Latitude & Longitude	22018'34.09 "N to 22019'34.33"N and 87014'34.11 "E to 87015'39.43 "E			
Project details	expansion of its existing production capacity from 0.132 MTPA to 0.264 MTPA of Single Super Phosphate (SSP) fertilizer			
Plant capacity	Product	Existing capacity in MTPA	Proposed capacity in MTPA	Final capacity in MTPA
	Single Super Phosphate	0.132	0.132	0.264
	Granulated SSP/ NPK Physical Mixture	0.132	Nil	0.132
Power requirement and Source	1.0 MW, from WB state power grid			
Water Requirement	80 kL from bore well & Rain water harvesting			
Manpower	Existing 118, total 140 man power			
Project Cost (Rs.)	Rs.167 lakhs (expansion project)			

**Chronology of the Events:**

- Presently the project is running on Consent to Establish vide no. 9620-2N-342/2004 dated 09.12.2004 & Consent to Operate vide letter No-9252-1947/WPB(HRO)-K/07 dated 26.04.2022 which is valid up to 31.03.2027.

- The PP applied in prescribed format for Terms of Reference for the project and uploaded the application in the PARIVESH portal on 02.07.2020 (Proposal No. SIA/WB/IND2/49987/2020).
- The PP obtained Terms of Reference issued by SEIAA vide File No. EN/T-II-1/014/2020 dated 21.07.2020.
- Public Hearing was conducted on 01.04.2022 by WBPCB.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 15.05.2023.
- The PP was called for the EC presentation in the 4<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 21.06.2023 but the PP did not appear before the SEAC for EC presentation.
- The PP had submitted a letter in the PARIVESH portal on 11.08.2023 requesting to SEAC for consideration their proposal in the subsequent SEAC meeting.
- The PP was called for the EC presentation in the 12<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 23.08.2023.
- Based on the application made, documents uploaded and the presentation made by the PP/Consultant, the SEAC made the following observations:

**Legal documents**

1. Certified Compliance Report (CCR) as per the MoEF&CC O.M. vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022 to be submitted.

**Land and land use**

2. Detailed area statement of the project in sqm. and percentage adding upto 100%. Pond should be shown with area fraction.
3. Site plan showing all the services including the rain water harvesting pond.
4. Drawing of sections through the concrete-lined pond to be furnished.

**Green belt and plantation**

5. Approved plantation plan for the project comprising of at least 33% of the plot area.

**Process:**

6. MSDS for all chemicals – raw materials and products, to be submitted.
7. Utilisation plan for Phosphogypsum, Silica Mud and  $\text{H}_2\text{SiF}_6$  with analysis to ensure no toxicity.

**Solid waste**

- 1) Detailed plan on management and handling of tar sludge along with other phenolics and bottom ash from gasifier.

**Air-pollution**

- 2) Measures adopted for containing Fluoride emission within 20 mg/Nm<sup>3</sup>.
- 3) To ensure closed scrubber area.

**Water and wastewater**

- 4) Permission from the Competent Authority for ground water abstraction for 80 kLD.
- 5) Treatment of fluosilicic acid in scrubbing water.
- 6) Calculation for the capacity of RWH tank.

- 7) Piezometer to be installed to monitor level and quality of ground water.
- 8) Flow diagram for the ETP showing all unit operations, with analysis of ETP-inlet / outlet water.
- 9) Analysis and monitoring of the water quality of the RWH pond.
- 10) Metering of inlet and outlet water at all points.

**Need-based activities**

- 11) EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted. Consents from the beneficiaries of the social part of EMP should be furnished. Any other local need should be identified

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

- The project proponent uploaded their reply in PARIVESH Portal on 31.01.2024, which was considered in the 28<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 07.02.2024.
- The SEAC scrutinized the documents submitted by the PP in the 28<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 07.02.2024. After careful consideration and detailed deliberation, the committee **recommended the following documents should be submitted –**
  - 1) Certified Compliance Report (CCR) as per the MoEF&CC O.M. vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.
  - 2) Groundwater permission from SWID for the entire quantity of water to be abstracted (84 KLD).
  - 3) Details of protective and handling / management measures for the tar sludge containing hazardous chemicals generated from the gasifier.
  - 4) Expected use and analysis of treated effluent from storage tank. In the flow sheet, a 'polymer' dosing was written. Please clarify/correct and indicate the polymer.
  - 5) Filter backwash disposal may be indicated.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

- The project proponent uploaded their reply in PARIVESH Portal on 12.12.2024 along with the Certified Compliance Report issued by WBPCB, which was considered in the 56<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 18.12.2024.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal (**Annexure – I**).

**SEAC Observations and Recommendations:**

- The SEAC scrutinized the documents submitted by the PP in the 56<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 18.12.2024. SEAC scrutinized the documents submitted by the project proponent in the meeting and deliberated on the submissions made by the project proponent. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional condition that the greenbelt area should be raised in at least 33% of the plot area which is 2.805 ha (28050 sqm.).

**1.1.2) Mining of Minerals (other than sand):**

- I. Proposed Kharia China Clay Mine at J.L. No.- 145, Plot No. - 4412 to 4418, 4420 to 4427, 4429-4449, 5056 to 5064, 5066, 5067, 5071, 5072, 5074 to 5081, 5083 to 5092, 5095, 5096, 5098 to 5106, 5109 to 5118, 5122 to 5136, Mouza- Kharia, PO & PS- Md. Bazar, District- Birbhum, West Bengal.**

**Proposal No.**

**SIA/WB/MIN/41581/2019**

**Project Proponent -**

**M/s. N.P. Minerals.**

**Environmental Consultant -**

**M/s. Pacific Scientific Consultancy Pvt. Ltd.**

**Activity:**

- This is a proposal for Kharia China Clay and Fire Clay Mine project (19349 TPA of China Clay and 8687 TPA of Fire clay) over an area of 7.22 ha (17.38 acres) at J.L. No.- 145, Plot No. - 4412 to 4418, 4420 to 4427, 4429-4449, 5056 to 5064, 5066, 5067, 5071, 5072, 5074 to 5081, 5083 to 5092, 5095, 5096, 5098 to 5106, 5109 to 5118, 5122 to 5136, Mouza- Kharia, PO & PS- Md. Bazar, District- Birbhum, West Bengal.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for china clay mine and fire clay mine at the site by an RQP. The Plan has been approved by the State Government on 29.12.2017 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded the copy of lease deed. As per the modified DSR of Birbhum District, the lease execution date is mentioned as 04.06.1986 and lease expiry date is 03.06.2036.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.

**Chronology of the event:**

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 08.11.2019 (Proposal No. SIA/WB/MIN/41581/2019).
- The PP presented their Terms of Reference presentation in the 14<sup>th</sup> SEAC meeting held on 07.04.2021.
- As per recommendation of SEAC, SEIAA issued ToR vide letter No. 1211/EN/T-II-1/078/2019 dated 19.07.2021.
- PH was conducted by the WBPCB on 20.06.2022.
- The PP applied in prescribed format for Environmental Clearance and uploaded final EIA report in the PARIVESH portal on 05.12.2022.
- The PP was called for the EC presentation in the 66<sup>th</sup> SEAC meeting held on 15.02.2023 and the PP presented their proposal in this meeting.
- It is observed that the proposed project is not included in the DSR of Birbhum district. The committee mentioned that unless the project is included in the DSR, the proposal cannot be considered further.

- Based on the presentation made by the PP, the committee also recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent:-
  - Salient features of the project including the portion for which mining will take place and EC is applied for.
  - Depth of ground water level in observation well within 5 km radius of the project site.
  - Impact of pumping of groundwater on the aquifer within 5 km radius of the project site.
  - Commitment to install a piezometer for regular water level and quality monitoring and submission of the results to WBPCB.
  - Domestic water requirement.
  - Progressive greenbelt plantation plan.
  - Height of ambient air quality monitoring stations from GL.
  - Need-based EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020.
  - Compliance report on chapter 5 (Environment) of the Minor Mineral Concession Rules.
- The project proponent uploaded their reply in PARIVESH Portal on 07.08.2023, which was considered in the 11<sup>th</sup> meeting SEAC, WB held on 09.08.2023.
- The project is falling within the DSR potential zone code BH\_MB\_CC\_ZONE\_09.**
- Based on the submission made by the PP, the SEAC noted that the plot nos. 4409 and 5107 which are mentioned in approved Mine Plan are not included within the lease hold area, as uploaded by the PP. The plot nos. 4429 to 4447 are not mentioned in the approved DSR. Therefore, there is a clear mismatch of plot nos. mentioned in the lease document, approved Mine Plan and approved DSR.
- Also, it is observed that the total geological reserves of China Clay and Fire Clay which is about 4,05,098 MT as uploaded by the PP in reply to the ADS dated 07.08.2023, does not match with the reserves mentioned in the approved Mine Plan.
- Hence the PP is requested to submit the necessary clarification to the above accordingly.
- The project proponent uploaded their reply in PARIVESH Portal on 04.10.2024 **along with the revised Mine Plan dated 12.11.2021**, which was considered in the 51<sup>st</sup> meeting SEAC, WB (2023-2026) held on 30.10.2024.

Year wise production program for next five years as given in the revised approved Mine Plan

Period /YEAR	BLOCK	PIT SIZE IN M3	OVER BURDEN IN M3	TONNAGE FACTOR/ CONVERSION FACTOR	MINING LOSS + GEOLOGICAL LOSS	GROSS FIRE CLAY IN M.T	NET MINEABLE F.C IN M.T	GROSS CHINA CLAY IN M.T	NET MINERAL C.C IN M.T	NET Ore F.C + C.C IN M.T	Ore : OB
2022-23	"1"	105(L) x 15(B) x 21(H) = 33075	105(L) x 15(B) X 6(H) = 9450	1.3	15%	99(L) X15(B) X 4.5(H)	8687 X 85% =7384	94.5(L) X15(B) X 10.5(H) X1.3 =19349	19349 X85% =16447	7384 +16447 = 23831	23831 : 9450 = 2.52:1

						X 1.3 = 8687					
2023-24	"1"	33075	9450	1.3	15%	8687	7384	19349	16447	23831	2.52:1
2024-25	"1"	33075	9450	1.3	15%	8687	7384	19349	16447	23831	2.52:1
2025-26	"1"	33075	9450	1.3	15%	8687	7384	19349	16447	23831	2.52:1
2026-27	"1"	33075	9450	1.3	15%	8687	7384	19349	16447	23831	2.52:1
In Five Years 2022-23 to 2026-27	"1"	165375	47250	1.3	15%	43435	36920	96745	82235	119155	2.52:1

- The SEAC scrutinized the documents submitted by the PP in the 51<sup>st</sup> meeting SEAC, WB (2023-2026) held on 30.10.2024 and accepted the submission made by the PP. After careful consideration and detailed deliberation, the committee observed that :

- 1) The PP has not uploaded Cluster Certificate from the competent authority.
- 2) Some of the coordinates mentioned in the Mine Plan for the project do not fall within the project area as per the documents uploaded or falls outside the approved DSR of Birbhum district.

Therefore, the SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

- The project proponent uploaded their reply in PARIVESH Portal on 11.12.2024, which was considered in the 56<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 18.12.2024.
- The PP has uploaded non-cluster certificate from the competent authority. **The mining block is not forming cluster with any adjacent mining.**

#### **SEAC Observations and Recommendations:**

- The SEAC scrutinized the documents submitted by the PP in the 56<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 18.12.2024. SEAC scrutinized the documents submitted by the project proponent in the meeting and deliberated on the submissions made by the project proponent. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the following additional conditions that should be submitted along with the six monthly compliance report :-
  - 1) The Proponent shall prepare a dust and noise minimization plan with adequate details. Care should be taken for prevention of occupational health issues of the workers. Amenities like personal protective equipments (PPEs) should be provided for them.
  - 2) A post closure long-term vegetative stabilisation program should be submitted along with the six-monthly compliance report.
  - 3) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. If any tree (defined as per tree rules 2007) has to be felled, 5 times of the felled trees

should be planted as compensatory plantation; the land for such plantation should be marked.

This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life.

- 4) Monitoring of PM<sub>10</sub>, PM<sub>2.5</sub> and its SiO<sub>2</sub> (free silica) content should be done along with noise levels.
- 5) Dust suppression by sprinkling water should be adopted specially after dusty operations like drilling, blasting etc.
- 6) Year-wise excavation schedule showing breakup of pay-mineral and waste rock may be clearly drawn up and areas may be demarcated for waste dumping. Site for intermediate stockpiling of the mineral may also be clearly demarcated and show in the surface plan.
- 7) As far as practicable the waste rock to be produced from the mine may be dumped in the existing pit-void adjacent to/ within the lease hold boundary. Any outside the pit dumping should be temporary in nature. All waste rock dumped outside the pit may be rehandled and backfilled in the mined-out area.
- 8) The proponent shall review the Progressive Mine Closure Plan every two years from the date of opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining activities shall be discontinued.
- 9) One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan to the officer authorised by the State Government in this behalf, for approval under the West Bengal Minor Mineral Concession Rules, 2016.
- 10) The project proponent shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in accordance with the approved Mine Closure Plan or with such modifications as are approved by the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.
- 11) In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the proponent shall submit to the officer authorised by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.
- 12) For the purpose of carrying out mining operation in the area, the proponent shall furnish financial assurance. The amount of financial assurance shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.
- 13) Effects of blasting to the nearby localities should be examined and remedial plan should be in line with approved mine plan and as per rules of Mine Safety Authority.



- 14) Needs of the locality may be assessed and a social part of the EMP should be undertaken as stipulated by MoEF&CC.
- 15) The unit should strictly abide by The West Bengal Trees (Protection and Conservation in Non-Forest Areas) Rules, 2007. If any tree is cut, five times compensatory plantation should be provided.

**Table-1 : List of the projects which were placed before the SEAC, WB (2023-2026) in the fifty-sixth meeting held on 18.12.2024 and the Summary Decisions / Recommendations thereon:**

Sl. No.	Name of the unit and Project address	Summary Decision
1. Reconsideration Proposals		
1.1) Environmental Clearance		
1.1.1) Industry Sector		
I.	M/s. Sai Fertilizers Ltd. Proposed expansion of production capacity of Single Super Phosphate Plant from 0.132 MTPA to 0.264 MTPA at JL No. 86, Mouza - Dewanmaro Ayma, P.O. - Hariatara, P.S. - Kharagpur (Local), Dist. - Paschim Medinipur, PIN - 721304, West Bengal. (Proposal No. SIA/WB/ IND3/404103/2022)	Recommended for Environmental Clearance
1.1.2) Mining of Minerals (other than sand)		
I.	M/s. N.P. Minerals Proposed Kharia China Clay Mine at J.L. No.- 145, Plot No. - 4412 to 4418, 4420 to 4427, 4429-4449, 5056 to 5064, 5066, 5067, 5071, 5072, 5074 to 5081, 5083 to 5092, 5095, 5096, 5098 to 5106, 5109 to 5118, 5122 to 5136, Mouza- Kharia, PO & PS- Md. Bazar, District- Birbhum, West Bengal. (Proposal No.: SIA/WB/MIN/41581/2019)	Recommended for Environmental Clearance

There being no other agenda the Chair thanked the members present for their fruitful participation and deliberations. The meeting ended with a vote of thanks to the Chair.

Sd/-

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(Indranath Sinha)  
Vice - Chairman  
S E A C, West Bengal

Sd/-

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(Pradip Kumar Sikdar)  
Member  
S E A C, West Bengal

Sd/-

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(Shubhendu Bandyopadhyay)  
Member  
S E A C, West Bengal

Sd/-

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(Aniruddha Mukhopadhyay)  
Member  
S E A C, West Bengal

Sd/-

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(Suchandra Bardhan)  
Member  
S E A C, West Bengal

Sd/-

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(Sampa Chakrabarti)  
Member  
S E A C, West Bengal

Sd/-

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(Rajesh Kumar, IPS)  
Secretary  
S E A C, West Bengal



**Government of West Bengal  
GRIPS 2.0 Acknowledgement Receipt  
Payment Summary**



2312202420328339931

**GRIPS Payment Detail**

GRIPS Payment ID:	231220242032833991	Payment Init. Date:	23/12/2024 17:20:50
Total Amount:	50000	No of GRN:	1
Bank/Gateway:	State Bank of India	Payment Mode:	Online Payment
BRN:	CK00FQJZL6	BRN Date:	23/12/2024 17:38:46
Payment Status:	Successful	Payment Init. From:	GRIPS Portal

**Depositor Details**

Depositor's Name: SAI FERTILIZERS PVT LTD  
Mobile: 8420111437

**Payment(GRN) Details**

Sl. No.	GRN	Department	Amount (₹)
1	192024250328339931	Environment	50000
<b>Total</b>			<b>50000</b>

IN WORDS: FIFTY THOUSAND ONLY.

DISCLAIMER: This is an Acknowledgement Receipt, please refer the respective e-challan from the pages below.





## Govt. of West Bengal Environment GRIPS eChallan



192024250328339931

### GRN Details

GRN:	192024250328339931	Payment Mode:	Online Payment
GRN Date:	23/12/2024 17:20:50	Bank/Gateway:	State Bank of India
BRN :	CK00FQJZL6	BRN Date:	23/12/2024 17:38:46
GRIPS Payment ID:	231220242032833991	Payment Init. Date:	23/12/2024 17:20:50
Payment Status:	Successful	Payment Ref. No:	134

### Depositor Details

Depositor's Name:	SAI FERTILIZERS PVT LTD
Address:	Deewanmara Aima, J.L no 86 paschim Midnapur Pin 721304 PASCHIM MEDINIPUR, West Bengal, 721304
Mobile:	8420111437
Email:	bchakraborty@foglagroup.com
Contact No:	8420111437
Depositor Status:	Depositor
R.E.F. No:	134
Name:	SAI FERTILIZERS PVT LTD
Address:	DEEWANMARO AIMA JL NO 86 PASCHIM MIDNAPORE
Period From (dd/mm/yyyy):	23/12/2024
Period To (dd/mm/yyyy):	23/12/2025
Remarks:	Processing fees for EC

### Payment Details

Sl. No.	Payment Ref No	Head of A/C Description	Head of A/C	Amount (₹)
1	134	Processing Fees for Environmental Clearance-Service Fees	1425-00-501-001-14	50000
Total				50000

IN WORDS: FIFTY THOUSAND ONLY.