

# STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), BIHAR

2<sup>nd</sup> Floor, BELTRON Bhawan, Shastri Nagar, Patna – 800023.

Ref. No. - 470.

Patna Dated: - 14/12/2023.

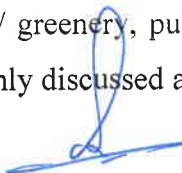
## MINUTES OF 31<sup>st</sup> MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), BIHAR CONSTITUTED ON 12.08.2021

VENUE: SEIAA Office

DATE: 09<sup>th</sup> December, 2023.

### Minutes/Proceeding of the Meeting

- 1. Opening Remarks of the Chairman:** The Chairman and Members extended a warm welcome to each other and among participants of the meeting. Thereafter, the meeting was opened for the proceedings as per the agenda adopted for the meeting.
- 2. Confirmations of Minutes of 30th Meeting (30/2023) vide Ref. No.- 429 and 430 dated 23.11.2023 of State Expert Appraisal Committee held on 23<sup>rd</sup> November, 2023.** The State Expert Appraisal Committee, hereinafter referred to as SEAC, was informed that no representation has been received regarding projects considered in the meeting held on 23<sup>rd</sup> November, 2023. The minutes of the said SEAC meeting was confirmed by the Committee.
- 3. Consideration of Proposals:** The SEAC considered the proposals received as per the agenda adopted for the 31<sup>st</sup> meeting (31/2023) vide Ref. No. 457 dated- 06.12.2023 and vide Ref. No 465 dated 07.12.2023. The key points of the deliberations held were as follows.
- 4. With regard to the proposals submitted for the Real-estate / apartment / Residential building projects, industry, Sand Mining project, Airport etc. and various issues concerning the green belt area / greenery, public health hazards, and status of Waste Management, etc. were thoroughly discussed and scrutinized.**



## Consideration of Environmental Clearance Proposal

### AGENDA ITEM NO. 01

**Sand Mining Project on Sone River at Sand Ghat-08 of Aurangabad district, Area – 98.93 Ha (File No.:- SIA/1(a)/2075/2022). Online Proposal No.:- SIA/BR/MIN/436562/2023).**

Proponent:-M/s Maruti Fuels Station, Prop-Narise Sivaganesh, S/o-Pedda Nagaraju,

Consultant: - Rain Enviro Private Limited.

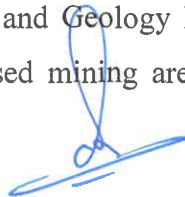
Application along with filled up 'Form - I' and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 16<sup>th</sup> December, 2022 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2075/2022, dated 11.01.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 02.06.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 04.09.2023 for obtaining Environmental Clearance (EC).

The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 265, dated 23.05.2022.

The Project Proponent submitted a letter stating that due to health issues he is unable to attend the said meeting. Therefore the committee deferred the proposal for the next meeting.

**Note:** - The Committee requested the SEIAA Bihar to

1. Write a letter to the Mines and Geology Department, Govt. of Bihar to report the present status of the proposed mining area that is whether mining any activity is ongoing or not.



## **AGENDA ITEM NO. 02**

**Sand Mining Project on Sone River at Sand Ghat-30 of Aurangabad district, Area – 49.99 Ha (File No.:- SIA/1(a)/2275/2023). Online Proposal No.:- SIA/BR/MIN/437312/2023).**

Proponent:-M/s-Gautam Erection LLP, Prop-Manish Kumar,

Consultant: - Rain Enviro Private Limited.

Application along with filled up 'Form - I 'and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 31<sup>th</sup> January, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2275/2023, dated 03.02.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 26.06.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 13.09.2023 for obtaining Environmental Clearance (EC).

The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 265, dated 23.05.2022.

The Project Proponent submitted a letter stating that due to health issues he is unable to attend the said meeting. Therefore the committee deferred the proposal for the next meeting.

**Note:** - The Committee requested the SEIAA Bihar to

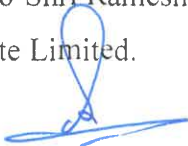
1. Write a letter to the Mines and Geology Department, Govt. of Bihar to report the present status of the proposed mining area that is whether mining any activity is ongoing or not.

## **AGENDA ITEM NO. 03**

**Sand Mining Project on S Sone River at Rohtas Son 16 Balu Ghat, of District- Rohtas, Area - 86.1 Ha, (File No. - SIA/1(a)/2260/2023), Online Proposal No.:- SIA/BR/MIN/441266/2023).**

Proponent:- Shri Sudama Kumar, S/o-Shri Rameshwar Ram,

Consultant:- M/s Rian Enviro Private Limited.

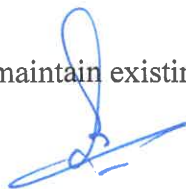


Application along with filled up 'Form - I 'and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 25<sup>th</sup> January, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2260/2023, dated 31.01.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 16.06.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 15.09.2023 for obtaining Environmental Clearance (EC).

The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 269, dated 23.05.2022.

The Project Proponent along with their environmental consultant M/s Rian Enviro Private Limited, made a presentation on the key parameters and salient features of the project. Based on the discussion, the Committee found their presentation and proposal satisfactory and acceptable, hence the Committee decided to recommend the proposed proposal for grant of Environmental Clearance subject to the following additional conditions along with standard conditions mentioned in Annexure "A".

1. The proposed plantation consisting of mixture of indigenous and fast growing species of trees must be done and proper care must be taken. Plantation of a minimum of 5 feet tall plants must be done in the 1<sup>st</sup> year of lease period and properly maintained till the validity of Environmental Clearance.
2. The Project Proponent shall execute and conduct measurable CER activities like facilities for drinking water supply, infrastructure creation solar power, Rain Water Harvesting, Solid Waste Management Facilities, sanitation, essential furnitures for the local government schools and Anganwadi Kendra. A display board must be placed for the information to the public (with intimation to the concerned District Magistrate and the concerned district level officers of the concerned departments).
3. The project proponent should do the sand mining limited to 3 meter (three meter) depth by semi-mechanised method without using any heavy machine, preferably by manual excavation
4. The Project Proponent must maintain existing ponds nearby, if any.



5. Proper care should to be taken during transportation of sand from the sand mining site. There should be freeboard of atleast 3 inches from the body level of the vehicle, so that the sand doesn't get spilled on the road and doesn't affect the air quality as well.
6. Proponent should submit high resolution satellite images with stereoscopic 3D view) from the National Remote Sensing Center (NRSC), Hyderabad for the month of June and December of every year, along with the respective half-yearly compliance report in hard and soft copy (as received from the National Remote Sensing Center (NRSC)).

#### **AGENDA ITEM NO. 04**

**Sand Mining Project on Sone River at Rohtas Son 13 Balu Ghat, of District- Rohtas, Area - 57.8 Ha, (File No. - SIA/1(a)/2262/2023), Online Proposal No.:- SIA/BR/MIN/442306/2023).**

Proponent:- Shri Bimal Kumar, S/o-Shyam Sunder Yadav,

Consultant:- M/s Rian Enviro Private Limited.

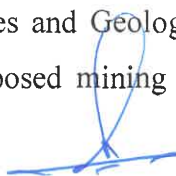
Application along with filled up 'Form - I 'and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 27<sup>th</sup> January, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2262/2023, dated 31.01.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 17.06.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 14.09.2023 for obtaining Environmental Clearance (EC).

The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 269, dated 23.05.2022.

The Project Proponent submitted a letter stating that due to health issues he is unable to attend the said meeting. Therefore the committee deferred the proposal for the next meeting.

**Note: - The Committee requested the SEIAA Bihar to**

1. Write a letter to the Mines and Geology Department, Govt. of Bihar to report the present status of the proposed mining area that is whether mining any activity is ongoing or not.



## **AGENDA ITEM NO. 05**

**Sand Mining Project on Sone River at Patna Son Cluster 11 Balu Ghat (Sone - 11, 12, 13 & 14), of District- Patna, Area- 42.09 Ha, (File No. - SIA/1(a)/2064/2022), Online Proposal No.:- SIA/BR/MIN/443767/2022).**

Proponent:-M/s Rana Enterprises, Proprietor - Rana Saurav,

Consultant:- M/s P&M Solutions Private Limited.

Application along with filled up 'Form - I' and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 14<sup>th</sup> December, 2022 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued ToR Vide SIA/1(a)/2064/2022, dated 12.01.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 09.06.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 15.09.2023 for obtaining Environmental Clearance (EC).

The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 267, dated 23.05.2022.

Earlier in the meeting dated – 22<sup>th</sup> and 23<sup>rd</sup> September 2023, the committee had sought the comments from Department of Mines and Geology, Government of Bihar. Reply received from District Magistrate, Patna was placed before the committee and the Project Proponent along with the environmental consultant made a presentation and the same was found satisfactory and acceptable, hence the Committee decided to recommend the proposed proposal for grant of Environmental Clearance subject to the following additional conditions along with standard conditions mentioned in Annexure "A".

1. The proposed plantation consisting of mixture of indigenous and fast growing species of trees must be done and proper care must be taken. Plantation of a minimum of 5 feet tall plants must be done in the 1<sup>st</sup> year of lease period and properly maintained till the validity of Environmental Clearance.
2. The Project Proponent shall execute and conduct measurable CER activities like facilities for drinking water supply, infrastructure creation solar power, Rain Water Harvesting, Solid Waste Management Facilities, sanitation, essential furnitures for the local



government schools and Anganwadi Kendra. A display board must be placed for the information to the public (with intimation to the concerned District Magistrate and the concerned district level officers of the concerned departments).

3. The project proponent should do the sand mining limited to 3 meter (three meter) depth by semi-mechanised method without using any heavy machine, preferably by manual excavation.
4. The Project Proponent must maintain existing ponds nearby, if any.
5. Proper care should to be taken during transportation of sand from the sand mining site. There should be freeboard of atleast 3 inches from the body level of the vehicle, so that the sand doesn't get spilled on the road and doesn't affect the air quality as well.
6. Proponent should submit high resolution satellite images with stereoscopic 3D view) from the National Remote Sensing Center (NRSC), Hyderabad for the month of June and December of every year, along with the respective half-yearly compliance report in hard and soft copy (as received from the National Remote Sensing Center (NRSC)).

#### **AGENDA ITEM NO. 06**

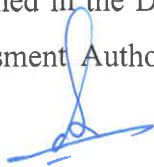
**Sand Mining Project on Sone River at Bhoj Son-33, Balu Ghat, of District- Bhojpur, Area- 57 Ha, (File No. - SIA/1(a)/2368/2023), Online Proposal No.:- SIA/BR/MIN/448481/2023).**

Proponent: M/s Buddha Uttam JV,

Consultant:- P&M Solution

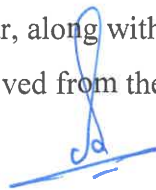
Application along with filled up 'Form - I 'and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 24<sup>th</sup> April, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2368/2023, dated 25.04.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 19.09.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 31.10.2023 for obtaining Environmental Clearance (EC).

The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 266, dated 23.05.2022.



Earlier in the meeting dated – 23.11.2023, the Project Proponent was absent. Therefore the committee deferred the proposal for next meeting. So, the Project was placed before the committee and the Project Proponent along with the environmental consultant made a presentation and the same was found satisfactory and acceptable, hence the Committee decided to recommend the proposed proposal for the grant of Environmental Clearance subject to the following additional conditions along with standard conditions as mentioned in Annexure "A".

1. The proposed plantation consisting of mixture of indigenous and fast growing species of trees must be done and proper care must be taken. Plantation of a minimum of 5 feet tall plants must be done in the 1<sup>st</sup> year of lease period and properly maintained till the validity of Environmental Clearance.
2. The Project Proponent shall execute and conduct measurable CER activities like facilities for drinking water supply, infrastructure creation solar power, Rain Water Harvesting, Solid Waste Management Facilities, sanitation, essential furnitures for the local government schools and Anganwadi Kendra. A display board must be placed for the information to the public (with intimation to the concerned District Magistrate and the concerned district level officers of the concerned departments).
3. The project proponent should do the sand mining limited to 3 meter (three meter) depth by semi-mechanised method without using any heavy machine, preferably by manual excavation
4. The Project Proponent must maintain existing ponds nearby, if any.
5. Proper care should to be taken during transportation of sand from the sand mining site. There should be freeboard of atleast 3 inches from the body level of the vehicle, so that the sand doesn't get spilled on the road and doesn't affect the air quality as well.
6. Proponent should submit high resolution satellite images with stereoscopic 3D view) from the National Remote Sensing Center (NRSC), Hyderabad for the month of June and December of every year, along with the respective half-yearly compliance report in hard and soft copy (as received from the National Remote Sensing Center (NRSC).





**AGENDA ITEM NO. 07**

**Sand Mining Project on Gaya Lilajan River at (Block-46, Gaya Lilajan-12, 13, 14 & 15 Ghat) of District- Gaya Area – 56.25 Ha, (File No. - SIA/1(a)/2361/2023), Online Proposal No.:- SIA/BR/MIN/451010/2023).**

Proponent:-Gopal Kumar Singh,

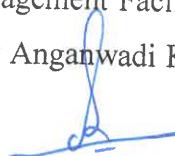
Consultant:- Cognizance Research India Pvt. Ltd.

Application along with filled up 'Form - I 'and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 20<sup>th</sup> April, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2361/2023, dated 25.04.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 01.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 21.11.2023 for obtaining Environmental Clearance (EC).

The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 258, dated 23.05.2022.

The Project Proponent along with their environmental consultant Cognizance Research India Pvt. Ltd, made a presentation on the key parameters and salient features of the project. Based on the discussion, the Committee found their presentation and proposal satisfactory and acceptable, hence the Committee decided to recommend the proposed proposal for grant of Environmental Clearance subject to the following additional conditions along with standard conditions mentioned in Annexure "A".

1. The proposed plantation consisting of mixture of indigenous and fast growing species of trees must be done and proper care must be taken. Plantation of a minimum of 5 feet tall plants must be done in the 1<sup>st</sup> year of lease period and properly maintained till the validity of Environmental Clearance.
2. The Project Proponent shall execute and conduct measurable CER activities like facilities for drinking water supply, infrastructure creation solar power, Rain Water Harvesting, Solid Waste Management Facilities, sanitation, essential furnitures for the local government schools and Anganwadi Kendra. A display board must be placed for



- the information to the public (with intimation to the concerned District Magistrate and the concerned district level officers of the concerned departments).
3. The project proponent should do the sand mining limited to 3 meter (three meter) depth by semi-mechanised method without using any heavy machine, preferably by manual excavation
  4. The Project Proponent must maintain existing ponds nearby, if any.
  5. Proper care should be taken during transportation of sand from the sand mining site. There should be freeboard of atleast 3 inches from the body level of the vehicle, so that the sand doesn't get spilled on the road and doesn't affect the air quality as well.
  6. Proponent should submit high resolution satellite images with stereoscopic 3D view) from the National Remote Sensing Center (NRSC), Hyderabad for the month of June and December of every year, along with the respective half-yearly compliance report in hard and soft copy (as received from the National Remote Sensing Center (NRSC)).

#### **AGENDA ITEM NO. 08**

**Sand Mining Project on Gaya Budh River at (Block-39, Gaya Budh-01, 02 & 03 Ghat) of District- Gaya Area – 35 Ha, (File No. - SIA/1(a)/2396/2023), Online Proposal No.:- SIA/BR/MIN/451054/2023).**

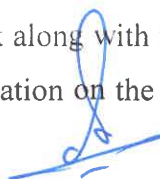
Proponent:-Today's Fashion, Prop-Md. Dawood Khan,

Consultant:- Cognizance Research India Pvt. Ltd.

Application along with filled up 'Form - I' and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 15<sup>th</sup> May, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2396/2023, dated 20.05.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 05.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 30.11.2023 for obtaining Environmental Clearance (EC).

The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 258, dated 23.05.2022.

The Project Proponent along with their environmental consultant Cognizance Research India Pvt. Ltd, made a presentation on the key parameters and salient features of the project.



Based on the discussion, the Committee found their presentation and proposal satisfactory and acceptable, hence the Committee decided to recommend the proposed proposal for grant of Environmental Clearance subject to the following additional conditions along with standard conditions mentioned in Annexure "A".

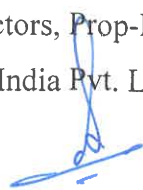
1. The proposed plantation consisting of mixture of indigenous and fast growing species of trees must be done and proper care must be taken. Plantation of a minimum of 5 feet tall plants must be done in the 1<sup>st</sup> year of lease period and properly maintained till the validity of Environmental Clearance.
2. The Project Proponent shall execute and conduct measurable CER activities like facilities for drinking water supply, infrastructure creation solar power, Rain Water Harvesting, Solid Waste Management Facilities, sanitation, essential furnitures for the local government schools and Anganwadi Kendra. A display board must be placed for the information to the public (with intimation to the concerned District Magistrate and the concerned district level officers of the concerned departments).
3. The project proponent should do the sand mining limited to 3 meter (three meter) depth by semi-mechanised method without using any heavy machine, preferably by manual excavation
4. The Project Proponent must maintain existing ponds nearby, if any.
5. Proper care should to be taken during transportation of sand from the sand mining site. There should be freeboard of atleast 3 inches from the body level of the vehicle, so that the sand doesn't get spilled on the road and doesn't affect the air quality as well.
6. Proponent should submit high resolution satellite images with stereoscopic 3D view from the National Remote Sensing Center (NRSC), Hyderabad for the month of June and December of every year, along with the respective half-yearly compliance report in hard and soft copy (as received from the National Remote Sensing Center (NRSC)).

**AGENDA ITEM NO. 09**

**Sand Mining Project on Gaya Budh River at (Block-40, Gaya Budh-04, 05, 06, 07 & 08 Ghat) of District- Gaya Area – 65.5 Ha, (File No. - SIA/1(a)/2363/2023), Online Proposal No.:- SIA/BR/MIN/451423/2023).**

Proponent:- M/s Dashmesh Contractors, Prop-Harshvinder Singh, S/o-Gurdeep Singh,

Consultant:- Cognizance Research India Pvt. Ltd.

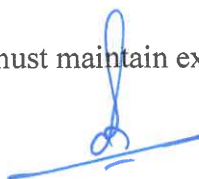


Application along with filled up 'Form - I 'and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 20<sup>th</sup> April, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2363/2023, dated 25.04.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 12.10.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 30.09.2023 for obtaining Environmental Clearance (EC).

The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 258, dated 23.05.2022.

The Project Proponent along with their environmental consultant Cognizance Research India Pvt. Ltd. made a presentation on the key parameters and salient features of the project. Based on the discussion, the Committee found their presentation and proposal satisfactory and acceptable, hence the Committee decided to recommend the proposed proposal for grant of Environmental Clearance subject to the following additional conditions along with standard conditions mentioned in Annexure "A".

1. The proposed plantation consisting of mixture of indigenous and fast growing species of trees must be done and proper care must be taken. Plantation of a minimum of 5 feet tall plants must be done in the 1<sup>st</sup> year of lease period and properly maintained till the validity of Environmental Clearance.
2. The Project Proponent shall execute and conduct measurable CER activities like facilities for drinking water supply, infrastructure creation solar power, Rain Water Harvesting, Solid Waste Management Facilities, sanitation, essential furnitures for the local government schools and Anganwadi Kendra. A display board must be placed for the information to the public (with intimation to the concerned District Magistrate and the concerned district level officers of the concerned departments).
3. The project proponent should do the sand mining limited to 3 meter (three meter) depth by semi-mechanised method without using any heavy machine, preferably by manual excavation
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6. Proponent should submit high resolution satellite images with stereoscopic 3D view) from the National Remote Sensing Center (NRSC), Hyderabad for the month of June and December of every year, along with the respective half-yearly compliance report in hard and soft copy (as received from the National Remote Sensing Center (NRSC)).

#### **AGENDA ITEM NO. 10**

**Sand Mining Project on Gaya Lilajan River at Block-45 (Gaya Lilajan-07,08,09,10 & 11/Gaya Lilajan Ghat) of District- Gaya Area –60 Ha, (File No. - SIA/1(a)/2463/2023), Online Proposal No.:- SIA/BR/MIN/451864/2023).**

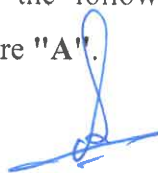
Proponent:-B K Enterprises, Proponent:-Brajesh Kumar Tiwari,

Consultant:- Cognizance Research India Pvt. Ltd.

Application along with filled up 'Form - I 'and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 07<sup>th</sup> August, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2463/2023, dated 08.08.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 12.10.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 29.11.2023 for obtaining Environmental Clearance (EC).

The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 258, dated 23.05.2022.

The Project Proponent along with their environmental consultant Cognizance Research India Pvt. Ltd, made a presentation on the key parameters and salient features of the project. Based on the discussion, the Committee found their presentation and proposal satisfactory and acceptable, hence the Committee decided to recommend the proposed proposal for grant of Environmental Clearance subject to the following additional conditions along with standard conditions mentioned in Annexure "A".



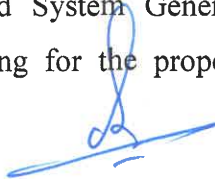
1. The proposed plantation consisting of mixture of indigenous and fast growing species of trees must be done and proper care must be taken. Plantation of a minimum of 5 feet tall plants must be done in the 1<sup>st</sup> year of lease period and properly maintained till the validity of Environmental Clearance.
2. The Project Proponent shall execute and conduct measurable CER activities like facilities for drinking water supply, infrastructure creation solar power, Rain Water Harvesting, Solid Waste Management Facilities, sanitation, essential furnitures for the local government schools and Anganwadi Kendra. A display board must be placed for the information to the public (with intimation to the concerned District Magistrate and the concerned district level officers of the concerned departments).
3. The project proponent should do the sand mining limited to 3 meter (three meter) depth by semi-mechanised method without using any heavy machine, preferably by manual excavation
4. The Project Proponent must maintain existing ponds nearby, if any.
5. Proper care should to be taken during transportation of sand from the sand mining site. There should be freeboard of atleast 3 inches from the body level of the vehicle, so that the sand doesn't get spilled on the road and doesn't affect the air quality as well.
6. Proponent should submit high resolution satellite images with stereoscopic 3D view) from the National Remote Sensing Center (NRSC), Hyderabad for the month of June and December of every year, along with the respective half-yearly compliance report in hard and soft copy (as received from the National Remote Sensing Center (NRSC)).

### **AGENDA ITEM NO. 11**

**Sand Mining Project on Sone River at Bhoj Son-31, Balu Ghat, of District- Bhojpur, Area- 46 Ha, (File No. - SIA/1(a)/2374/2023), Online Proposal No.:- SIA/BR/MIN/453448/2023).**

Proponent: M/s Keshav Construction, Prop-Dharamraj Yadav,  
Consultant:- P&M Solution,

Application along with filled up 'Form - I 'and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 02<sup>nd</sup> May, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2374/2023, dated 21.09.2023 and public hearing for the proposed project was conducted by Bihar State

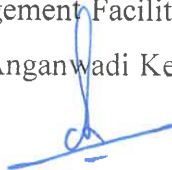


Pollution Control Board on 31.10.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 01.12.2023 for obtaining Environmental Clearance (EC).

The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 266, dated 23.05.2022.

The Project Proponent along with their environmental consultant M/s P & M solutions Limited, made a presentation on the key parameters and salient features of the project. Project Proponent/Consultant stated "the application for ToR (Proposal No. SIA/BR/MIN/425938/2023) was uploaded on Parivesh Portal-2 dated 13.04.2023 from the wrong Pan Card- linked user ID from which the ToR was granted on 03.05.2023. The Project Proponent applied for ToR Amendment (Proposal No. SIA/BR/MIN/301949/2023) on 06.07.2023 from the correct Pan card-linked registered user ID and subsequently ToR was amended on 21.09.2023. ToR was amended with respect to corrected PAN card. The Project Proponent was unable to complete the application for EC i.e. Part C from the corrected PAN card, as the proposal No- SIA/BR/MIN/453448/2023 was not linked with this corrected ID on the Parviesh 2.0 portal. Project Proponent has raised the complaint on the Parivesh portal but due to technical issues it was not resolved". Based on the discussion and requested made by the Project Proponent , the Committee found their presentation and proposal satisfactory and acceptable, hence accordingly the Committee decided to recommend the proposed proposal for grant of Environmental Clearance subject to the following additional conditions along with standard conditions as mentioned in Annexure "A".

1. The proposed plantation consisting of mixture of indigenous and fast growing species of trees must be done and proper care must be taken. Plantation of a minimum of 5 feet tall plants must be done in the 1<sup>st</sup> year of lease period and properly maintained till the validity of Environmental Clearance.
2. The Project Proponent shall execute and conduct measurable CER activities like facilities for drinking water supply, infrastructure creation solar power, Rain Water Harvesting, Solid Waste Management Facilities, sanitation, essential furnitures for the local government schools and Anganwadi Kendra. A display board must be placed for



the information to the public (with intimation to the concerned District Magistrate and the concerned district level officers of the concerned departments).

3. The project proponent should do the sand mining limited to 3 meter (three meter) depth by semi-mechanised method without using any heavy machine, preferably by manual excavation
4. The Project Proponent must maintain existing ponds nearby, if any.
5. Proper care should to be taken during transportation of sand from the sand mining site. There should be freeboard of atleast 3 inches from the body level of the vehicle, so that the sand doesn't get spilled on the road and doesn't affect the air quality as well.
6. Proponent should submit high resolution satellite images with stereoscopic 3D view from the National Remote Sensing Center (NRSC), Hyderabad for the month of June and December of every year, along with the respective half-yearly compliance report in hard and soft copy (as received from the National Remote Sensing Center (NRSC)).

#### **AGENDA ITEM NO. 12**

**Sand Mining Project on Son River at Patna Cluster No.-13 (Patna Sone Ghat-16) Balu Ghat of District- Patna, Area- 79.92 Ha, (File No. - SIA/1(a)/2384/2023), Online Proposal No.:- SIA/BR/MIN/453476/2023).**

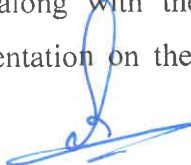
Proponent:- M/s Gokul Sai Udyog LLP. Prop-Dhananjay Kumar,

Consultant:- P&M Solution,

Application along with filled up 'Form - I 'and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 09<sup>th</sup> May, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued ToR Vide SIA/1(a)/2384/2023, dated 21.09.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 31.10.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 01.12.2023 for obtaining Environmental Clearance (EC).

The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 267, dated 23.05.2022.

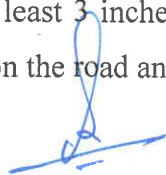
The Project Proponent along with their environmental consultant M/s P & M solutions Limited, made a presentation on the key parameters and salient features of the





project. Project Proponent/Consultant stated “the application for ToR (Proposal No. SIA/BR/MIN/424848/2023) was uploaded on Parivesh Portal-2 dated 09.05.2023 from the wrong Pan Card -linked user ID from which the ToR was granted on 11.05.2023. The Project Proponent applied for ToR Amendment (Proposal No. SIA/BR/MIN/301416/2023) on 06.07.2023 from the correct Pan card-linked registered user ID and subsequently ToR was amended on 21.09.2023. ToR was amended with respect to corrected PAN card. The Project Proponent was unable to complete the application for EC i.e. Part C from the corrected PAN card, as the proposal No- SIA/BR/MIN/453476/2023 was not linked with this corrected ID on the Parviesh 2.0 portal. Project Proponent has raised the complaint on the Parivesh portal but due to technical issues it was not resolved”. Based on the discussion and request made by the Project Proponent, the Committee found their presentation and proposal satisfactory and acceptable, hence accordingly the Committee decided to recommend the proposed proposal for grant of Environmental Clearance subject to the following additional conditions along with standard conditions as mentioned in Annexure "A".

1. The proposed plantation consisting of mixture of indigenous and fast growing species of trees must be done and proper care must be taken. Plantation of a minimum of 5 feet tall plants must be done in the 1<sup>st</sup> year of lease period and properly maintained till the validity of Environmental Clearance.
2. The Project Proponent shall execute and conduct measurable CER activities like facilities for drinking water supply, infrastructure creation solar power, Rain Water Harvesting, Solid Waste Management Facilities, sanitation, essential furnitures for the local government schools and Anganwadi Kendra. A display board must be placed for the information to the public (with intimation to the concerned District Magistrate and the concerned district level officers of the concerned departments).
3. The project proponent should do the sand mining limited to 3 meter (three meter) depth by semi-mechanised method without using any heavy machine, preferably by manual excavation
4. The Project Proponent must maintain existing ponds nearby, if any.
5. Proper care should to be taken during transportation of sand from the sand mining site. There should be freeboard of at least 3 inches from the body level of the vehicle, so that the sand doesn't get spilled on the road and doesn't affect the air quality as well.



6. Proponent should submit high resolution satellite images with stereoscopic 3D view) from the National Remote Sensing Center (NRSC), Hyderabad for the month of June and December of every year, along with the respective half-yearly compliance report in hard and soft copy (as received from the National Remote Sensing Center (NRSC)).

### **AGENDA ITEM NO. 13**

**Proposed Residential cum Commercial Building Project “Megapolis Housing” at Mauza:- Lakhnibigha, Sarari, Block:- Danapur, District:- Patna, State:- Bihar; by M/s Mundeshwari Multicon Private Limited [Total Plot Area:- 48393.05 sqm, Total Built-up Area:- 285667 sqm] – Reg. Environmental Clearance (EC).**

**(File No.: SIA/8(b)/2461/2023, Proposal No.: SIA/BR/INFRA2/452428/2023).**

**Environment Consultant: M/s Rian Enviro Private Limited.**

Application along with filled up Form – I, Form – I(A) and Conceptual Plan in the prescribed format was submitted to SEIAA, Bihar on 03<sup>rd</sup> August, 2023 for obtaining Terms of Reference (ToR). ToR was issued by SEIAA, Bihar vide SIA/8(b)/2461/2023, dated-14.11.2023. Final EIA report in the prescribed format was submitted to SEIAA, Bihar on 17<sup>th</sup> November, 2023 for obtaining Environmental Clearance (EC).

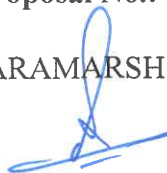
The Project Proponent along with the environmental consultant M/s Rian Enviro Private Limited, made a presentation on the key parameters and salient features of the project. Based on the discussion the committee directed the project proponent to upload all the environmental clearances granted to M/s- Mundeshwari Multicon Private Limited on the parivesh portal. The Committee also decided to undertake a site visit of the proposed project site and the same has been deferred by the SEAC till the site visit is undertaken.

### **AGENDA ITEM NO. 14**

**Proposed Township and Area Development Project “TIRUVANTPURAM CITY (VIDHUT SECTOR)” at Mauza:- Adampur, Tehsil:- Danapur, District:- Patna, State:- Bihar; by M/s Nesh India Infrastructure Private Limited [Total Plot Area:- 25,259.40 m<sup>2</sup>, Total Built-up Area:- 88,542.81 m<sup>2</sup>] – Environmental Clearance (EC).**

**(File No.: SIA/8(b)/2425/2023, Proposal No.: SIA/BR/INFRA2/437808/2023).**

**Environment Consultant: M/s PARAMARSH (Servicing Environment and Development).**



Application along with filled up Form – I, Form – I(A) and Conceptual Plan in the prescribed format was submitted to SEIAA, Bihar on 31<sup>th</sup> May, 2023 for obtaining Terms of Reference (ToR) under violation Category, ToR was issued by SEIAA, Bihar vide SIA/8(b)/2425/2023, dated-07.07.2023. Final EIA report in the prescribed format was submitted to SEIAA, Bihar on 31<sup>st</sup> July, 2023 and ADS Submission Revised EIA/EMP Report submitted to SEIAA, Bihar 07<sup>th</sup> November, 2023 for obtaining Environmental Clearance (EC).

The Project Proponent along with the environmental consultant M/s PARAMARSH (Servicing Environment and Development), made a presentation on the key parameters and salient features of the project. Based on the discussion the committee deferred the proposal for further consideration.

**Consideration of Terms of Reference Proposal**

**AGENDA ITEM NO. 15**

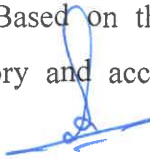
**Metallurgical Industries (ferrous & non ferrous) Project "M/s GOKUL STEELS PVT. LTD." at Village-Hardas Bigha, Khusrupur, District:- Patna, State:- Bihar; Pin Code-803202, by M/s Gokul Steels Private Limited [Total Production capacity of Re-rolling Mill MS Flat/ MS Angle / Chaneel / Square – 96 TPD (28800 TPA)] – Reg. Terms of Reference.**

**(File No.: SIA/3(a)/2491/2023, Proposal No.: SIA/BR/IND1/453584/2023).**

**Environment Consultant: M/s PARAMARSH (Servicing Environment and Development).**

Application along with filled up Form - I, Pre-feasibility Report and Environment Management Plan in the prescribed format was submitted to SEIAA, Bihar on 04<sup>th</sup> December, 2023 for obtaining Terms of Reference (ToR).

The Project Proponent along with environmental consultant PARAMARSH (Servicing Environment and Development), made a presentation on the key parameters and salient features of the project. The Project Proponent requested to exempt from requirement of public consultation on the based of MoEF&CC GoI gazette Notification no so.3250(E) dated 20<sup>th</sup> July 2022 followed by so. 3372(E) dated 26<sup>th</sup> July 2023. The Committee accepts the request of Project Proponent. Based on the discussion, the Committee found their presentation and proposal satisfactory and acceptable, hence the Committee decided to



recommend the proposed proposal for the grant of Terms of Reference subject to the following additional conditions along with standard conditions as mentioned in Annexure "B".

1. The Proponent has to shift from Coal/furnace oil to cleaner fuel like CNG/PNG as fuel if the PNG/CNG line is made available to the proposed site.
2. All the instructions issued by the Bihar State Pollution Control Board and other authorities should be complied by the Project Proponent.

#### **AGENDA ITEM NO. 16**

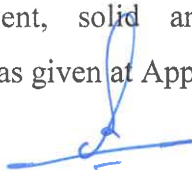
**Warehouse Complex Project "M/s Sharda Food & Logistic" at Mauza-Maujipur, Bikarpur, Village-Daulatpur, Fatuha, District:- Patna, State:- Bihar; by M/s Sharda Food & Logistic, [Total Plot Area-71719 sqm, Total Buil-up Area-44039 sqm.] – Reg. Terms of Reference.**

**(File No.: SIA/8(a)/2480/2023, Proposal No.: SIA/BR/IND1/437814/2023).**

**Environment Consultant:** M/s PARAMARSH (Servicing Environment and Development).

Application along with filled up Form - I, Pre-feasibility Report and Environment Management Plan in the prescribed format was submitted to SEIAA, Bihar on 04<sup>th</sup> October, 2023 for obtaining Terms of Reference (ToR).

The Project Proponent along with environmental consultant PARAMARSH (Servicing Environment and Development), made a presentation on the key parameters and salient features of the project. The Project Proponent requested to exempt from the requirement of Environmental Clearance on the basis of MoEF&CC, GoI gazette Notification No. S.O. 3999 (E) dated 9<sup>th</sup> December 2016 which reads "The projects or activities shall not include industrial shed, universities, college, hostel for educational institutions". Based on the discussion, the Committee accepts the request of the Project Proponent in the light of the above notification and accordingly exempted the requirement of Environmental Clearance with condition that such buildings shall ensure sustainable environmental management, solid and liquid waste management and implement environmental conditions as given at Appendix-XIV of the above mentioned notification.



## AGENDA ITEM NO. 17

**Proposed Development & Operation of New Civil Enclave Project "Darbhanga Airport, (Expansion) Airports Authority of India." at Village-Darbhangha Airport, Vasudevapur, District:- Darbhanga, State:- Bihar; by Darbhanga Airport, (Expansion) Airports Authority of India, [Total Area-21.31 Hectare, (52.65 acre)] – Reg. Terms of Reference.**

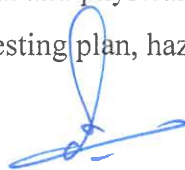
**(File No.: SIA/7(a)/2492/2023, Proposal No.: SIA/BR/INFR2/454001/2023).**

**Environment Consultant:** M/s Gaurang Environmental Solution Pvt. Ltd.

Application along with filled up Form - I, Pre-feasibility Report and Environment Management Plan in the prescribed format was submitted to SEIAA, Bihar on 07<sup>th</sup> December, 2023 for obtaining Terms of Reference (ToR).

The Project Proponent along with environmental consultant M/s Gaurang Environmental Solution Pvt. Ltd, made a presentation on the key parameters and salient features of the project. The Project Proponent submitted a request letter regarding withdrawal of previous application bearing proposal no.SIA/BR/INFRA2/451074/2023 and the committee noted the same. Based on the discussion, the Committee found their presentation and proposal ( bearing proposal no. SIA/BR/INFR2/454001/2023) satisfactory and acceptable, hence the Committee decided to recommend the proposed proposal for the grant of Terms of Reference subject to the following additional conditions along with standard conditions as mentioned in Annexure "C".

1. Conduct Contour Survey and study the drainage pattern at the site.
2. Submit the vehicle movement plan.
3. Submit STP/ETP Plan.
4. Submit the chemical and physical properties of soil at the project site.
5. Submit water harvesting plan, hazardous waste management plan.



**LIST OF PARTICIPANTS IN 31<sup>st</sup> MEETING OF SEAC, BIHAR HELD ON 09<sup>th</sup> DECEMBER, 2023**

Sl. No.	Name	Designation	Attended on 09.12.2023
1.	Dr. Gopal Sharma	Chairman	Present
2.	Dr. Ramakar Jha	Member	Present
3.	Dr. Bibha Kumari	Member	Present
4.	Dr. Anshumali	Member	Absent
5.	Dr. Aditya Mohanty	Member	Absent
6.	Shri Mokhtarul Haque	Member	Present
7.	Shri Ajit Samaiyar	Member	Present
8.	Shri Ranjan Kumar	Member	Absent
9.	Shri S. Chandrasekar	Member Secretary	Present

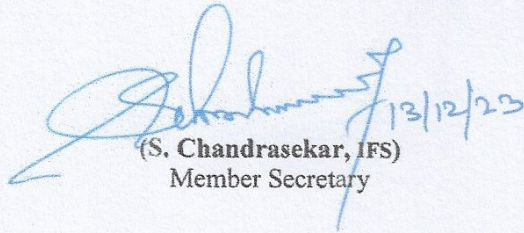
**Signature(s) of the Members Present**

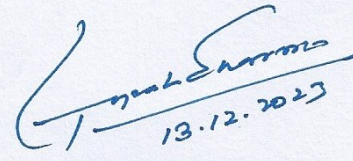
Sd/-  
(Dr. Ramakar Jha)  
Member, SEAC

Sd/-  
(Dr. Bibha Kumari)  
Member, SEAC

Sd/-  
(Ajit Samaiyar)  
Member, SEAC

Sd/-  
(Mokhtarul Haque)  
Member, SEAC

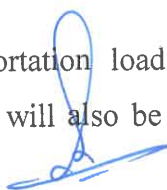
  
(S. Chandrasekar, IFS)  
Member Secretary

  
13.12.2023  
(Dr. Gopal Sharma)  
Chairman

## Annexure – A (Sand Mining Projects – EC)

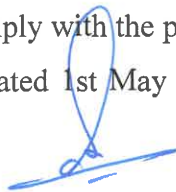
### A. Specific Condition

1. The Project Proponent shall obtain all necessary clearance/ permission from all concerned departments before commencement of mining works.
2. The Environmental Clearance will be valid for mine lease period subject to a ceiling of 5 years.
3. The project proponent before starting any activity /preparation of ground, on the leased area shall demarcate his lease hold by RCC pillars erected at the cost of lease holder after certification of the mining officer. On each pillar Geo-Coordinate and fore bearing/ back bearing shall be written with permanent paint mark as described in the mining plan. All the pillars should remain intact at same geo-coordinate. Establishment/ labeling of Benchmark at each pillars or ground control points.
4. Extraction of sand beyond annual production capacity is not permitted.
5. Semi-mechanized, preferably manual method shall be used for the River Bed Mining.
6. Extraction will be carried out up to a maximum depth of 3 meters from surface of mineral deposit and not less than one meter from the water level of the River channel whichever is earlier.
7. No mining shall be carried out in the areas prominently used by wild animals (birds and reptiles) for nesting. Restricted working hours-Sand mining operation has to be carried out between 6 am to 7 pm.
8. No mining shall be carried out in 3 meter wide strip from the river bank in a River flood plain and within flowing/live water channel.
9. To maintain the safety and stability of Riverbanks, 3 meter or 10% of the width of the River whichever is more will be left intact as "No Mining Zone".
10. No stream shall be diverted for the purpose of sand mining. No natural water course and / or water reservoirs shall be obstructed due to mining operations.
11. The pollution due to transportation load on the environment will be effectively controlled & water sprinkling will also be done regularly. Vehicles with PUCC only



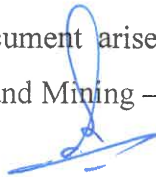
will be allowed to ply. The mineral transportation shall be carried out through covered vehicles / trucks only and the vehicle shall not be overloaded. Project should obtain 'PUC' certificate for all the vehicles from authorized pollution testing centre.

12. The stacking area of mined-out sand which shall be situated near the mining site within a fenced area from all sides to avoid being spread in the nearby areas by high winds and the height of stacking should not exceed 2 meter. Transportation shall be confined to day time only that is from sunrise to sunset, to avoid inconvenience to local population in anyway.
13. Rubbish burial shall not be done in the Rivers.
14. Adequate steps shall be taken to check soil erosion and control of debris flow etc. by constructing engineering structures.
15. Mining activity shall not be done for mine lease where mining can cause danger to site of flood protection works, places of cultural, religious, historical, and archaeological importance.
16. The approach road from loading point upto main road shall be properly developed with proper width and geometry required for safe movement of traffic by lease holder at his own cost.
17. Main haulage road in the mine shall be provided with permanent water sprinklers and other roads shall be regularly wetted with water tankers fitted with sprinklers.
18. Transportation of the Minerals by road passing through the village shall not be allowed. A 'bypass' road should be constructed (say, leaving a gap of at least 200 meters) for the purpose of transportation of the minerals so that the impact of sound, dust and accidents could be mitigated. The Project Proponent shall bear the cost towards the widening and strengthening of existing public road-network in case the same is proposed to be used for the Project. No road movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads.
19. 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.





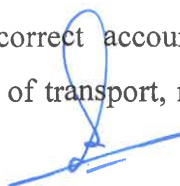
20. Project Proponent shall appoint a Monitoring committee to monitor the replenishment study, traffic management, levels of production, river Bank erosion and maintenance of Road etc.
21. Project Proponent shall submit the annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
22. Regular monitoring of the flow rate of the springs and seasonal stream flowing in and around the mine lease shall be carried out and records maintained. Regular monitoring of water quality upstream and downstream of water bodies shall be carried out and record of monitoring data should be maintained and submitted to the SEIAA, Bihar, Regional office, Ranchi, Central Ground water Authority, Regional Director, Central Ground water Board, State Pollution Control Board and Central Pollution Control Board.
23. The project proponent shall abide by the Hon'ble Supreme Court order dated 08.01.2020 [Writ Petition 9 (s) (Civil No. (s) 114/2014)]. Proposal of re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. In compliance to the direction dated 8<sup>th</sup> January, 2020 of Hon'ble Supreme Court in Writ Petitioner(s) Civil No. 114/2014, Common Cause Vs Union of India & Ors.
24. The individual sand ghat-miner will take appropriate measures to avoid parking of empty / loaded vehicles on nearest highway/ public roads to avoid traffic congestion.
25. Project Proponent will adhere to all applicable provisions of Sustainable Sand Mining Management Guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 (EMGSM – 2020) issued by Ministry of Environment, Forest and Climate Change, Government of India. In case, any ambiguity or variation between the provision of both these document arises, the provision made in "Enforcement and Monitoring Guidelines for Sand Mining – 2020" shall prevail.



26. All specific and general conditions which are of public concern at large shall be permanently displayed at a prominent place for public along with address and contact details of authority where the violation of EC conditions can be reported.
27. Project proponent shall erect a signboard on his project site and display information regarding name of the project, No. & date of validity period of EC, annual production capacity of the mineral and other relevant information for the general public.

**B. General condition**

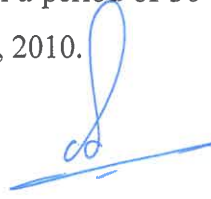
1. No stacking of sand is allowed on road side of any public road including national highways/ State highways.
2. No labour camp shall be allowed in riverbed.
3. Provision shall be made for housing labour with all necessary infrastructure and facilities (outside mining Block and river-bed) such as fuel for cooking, toilets / mobile toilets, safe drinking water, First-Aid facilities, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
4. Labour & Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers shall be undertaken periodically to observe any adverse health impact due to exposure to dust and take corrective measures, if needed.
5. The Project Proponent shall make arrangements for safe drinking water, first aid facility along With anti-venom injection, in case of emergency for the workers.
6. The project proponent shall maintain register for production and dispatch of mineral and submit periodic return (six-monthly) to the SEIAA, Bihar / Regional Office of Ministry of Environment, Forest and Climate Change, Government of India, Ranchi. If the remaining period of lease is for less than a year, the Project Proponent shall submit a monthly return of production.
7. The EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicle and mine



plan. This should be produced before officers of Central and State Government for inspection whenever asked for.

8. Regular monitoring of ground water table shall be carried out at the upstream and depth of water available in the adjoining dug-well.
9. Monitoring of Ambient Air Quality, Water Quality & Noise Quality shall be carried out as per the Notification, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places of loading and unloading points & transfer points to reduce all sorts of fugitive emissions.
10. The funds earmarked for environmental protection measures should be kept in a separate bank account and should not be diverted for other purpose. Year-wise expenditure should be reported to the SEIAA, Bihar.
11. The Project proponent shall provide all necessary logistic support to the authorized officer of this authority as and when required. They will facilitate and assist the authority in site inspection and monitoring.
12. All the provisions made and restrictions imposed as envisaged in the Bihar Minor Mineral Rule, shall be complied with; particularly regarding Environment Management and payment of compensation to the affected land owner(s).
13. No change in mining technology and scope of working should be made without prior approval of the SEIAA, Bihar.
14. The Ministry / SEIAA may alter / modify the above conditions or stipulate any additional condition(s) in the interest of environment.
15. Concealing of factual data or submission of false / fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal/suspension of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
16. The instruction contained herein above regarding air and noise pollution and details of mining proposals shall be displayed on Signboard in Hindi for the public information.
17. The SEIAA may impose additional conditions in the interest of Environment & Ecology whenever it becomes necessary to do so.

18. Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.

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## Annexure – B (Metallurgy Project – ToR)

### A. STANDARD TERMS OF REFERENCE (TOR)

#### 1. Executive Summary.

#### 2. Introduction.

- i. Details of the EIA Consultant including NABET accreditation.
- ii. Information about the project proponent.
- iii. Importance and benefits of the project.

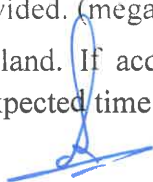
#### 3. Project Description.

- i. Cost of project and time of completion.
- ii. Products with capacities for the proposed project.
- iii. Details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
- iv. List of raw materials required and their source along with mode of transportation.
- v. Other chemicals and materials required with quantities and storage capacities.
- vi. Details of Emission, effluents, solid waste, hazardous waste generation and their management.
- vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contractual).
- viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided.
- ix. Hazard identification and details of proposed safety systems.
- x. Submit a copy of application submitted to competent authority / agency with regard to supply of PNG gas pipe line.
- xi. Expansion/modernization proposals:
  - a) Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MoEF&CC/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing Environmental Clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.

- b) In case the existing project has not obtained Environmental Clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification, 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

#### 4. Site Details.

- i. Location of the project site with description of surround covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether alternative sites were considered.
- ii. A toposheet of the study area of radius of 10 km and site location on 1:50,000/1:25,000 scale on an A<sub>3</sub>/A<sub>2</sub> sheet. (including all eco-sensitive areas and environmentally sensitive places).
- iii. Details w.r.t. option analysis for selection of site.
- iv. Co-ordinates (lat-long) of all four corners of the site.
- v. Google map-Earth downloaded of the project site.
- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
- viii. Landuse break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area).
- ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area.
- x. Geological features and Geo-hydrological status of the study area shall be included.
- xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects).
- xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.



- xiii. R&R details in respect of land in line with state Government policy.

## **5. Environmental Status**

- i. Determination of atmospheric inversion level at the project site and site-specific micrometeorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
- ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the predominant wind direction, population zone and sensitive receptors including reserved forests.
- iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
- iv. Surface water quality of nearby River (100meter upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
- v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
- vi. Ground water monitoring at minimum at 8 locations shall be included.
- vii. Noise levels monitoring at 8 locations within the study area.
- viii. Soil Characteristic as per CPCB guidelines.
- ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
- x. A detailed report shall be submitted using suitable model used to predict increase in air pollutants due to increased traffic load due to proposed project.
- xi. Detailed description of flora and fauna (terrestrial, avifauna and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- xii. Socio-economic status of the study area.

## **6. Impact and Environment Management Plan.**

- i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the



project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.

- ii. Water Quality modelling - in case of discharge in water body.
- iii. Ground water classification as per the Central Ground Water Authority and NOC from CGWB.
- iv. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-cum-rail transport shall be examined.
- v. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
- vi. Details of stack emission and action plan for control of emissions to meet standards.
- vii. Measures for fugitive emission control.
- viii. Details of hazardous waste generation and their storage, utilization and management. Copies of MoU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
- ix. Proper utilization of fly ash, shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
- x. An action plan for the three tier plantation to develop a green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
- xi. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
- xii. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
- xiii. Action plan for post-project environmental monitoring shall be submitted.

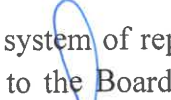


- xiv. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.

## **7. Occupational health**

- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.
- ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
- iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
- iv. Annual report of health status of workers with special reference to Occupational Health and Safety.

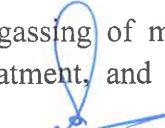
## **8. Corporate Environment Policy**

- i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
  - ii. The Project Proponent shall prepare report with the provisions contained in Ministry of Environment, Forest & Climate Change OM Vide F. No. 22-65/2017-IA.III dated 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibilities.
  - iii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
  - iv. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
  - v. Does the company have system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or
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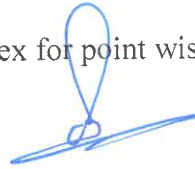
shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report.

9. Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
10. **Enterprise Social Commitment (ESC)**
  - i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
11. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.

#### **SPECIFIC TERMS OF REFERENCE FOR EIA STUDIES FOR METALLURGICAL INDUSTRIES (FERROUS &NON FERROUS)**

1. Complete process flow diagram describing each unit, its processes and operations, along with material and energy inputs & outputs (material and energy balance).
  2. Details on blast furnace/ open hearth furnace/ basic oxygen furnace/ladle refining, casting and rolling plants etc.
  3. Details on installation/activation of capacity meters with recording with proper calibration system.
  4. Details on toxic metals including mercury, arsenic and fluoride emissions.
  5. Details on stack height requirement for integrated steel.
  6. Details on ash disposal and management -Non-ferrous metal.
  7. Complete process flow diagram describing production of lead/zinc/copper/ aluminum, etc.
  8. Raw materials substitution or elimination.
  9. Details on smelting, thermal refining, melting, slag fuming, and Waelz kiln operation.
  10. Details on Holding and de-gassing of molten metal from primary and secondary aluminum, materials pre-treatment, and from melting and smelting of secondary aluminum.
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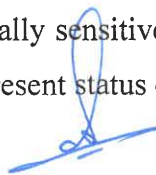
11. Details on solvent recycling.
12. Details on precious metals recovery.
13. Details on composition, generation and utilization of waste/fuel gases from coke oven plant and their utilization.
14. Details on toxic metal content in the waste material and its composition and end use (particularly of slag).
15. Trace metals Mercury, arsenic and fluoride emissions in the raw material.
16. Trace metals in waste material especially slag.
17. Plan for trace metal recovery.
18. Trace metals in water.
19. A tabular chart with index for point wise compliance of above ToR.



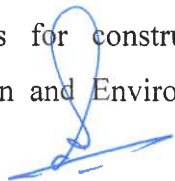
Annexure – C [Airport(7a)] – ToR

**STANDARD TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR AIRPORTS AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT,**

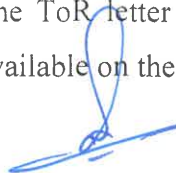
1. Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. The examination should justify site suitability in terms of environmental angle, resources sustainability associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for short-listing selected site.
2. Details of the land use break-up for the proposed project. Details of land use around 10 km radius of the project site. Examine and submit detail of land use around 10 km radius of the project site and map of the project area and 10 km area from boundary of the proposed/existing project area, delineating project areas notified under the wild life (Protection) Act, 1972/critically polluted areas as identified by the CPCB from time to time/notified eco-sensitive areas/interstate boundaries and international boundaries.. Analysis should be made based on latest satellite imagery for land use with raw images.
3. Submit the present land use and permission required for any conversion such as forest, agriculture etc. land acquisition status, rehabilitation of communities/ villages and present status of such activities. Check on flood plain of any river.
4. Examine and submit the water bodies including the seasonal ones within the corridor of impacts along with their status, volumetric capacity, quality likely impacts on them due to the project.
5. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area, any obstruction of the same by the airport.
6. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/villages and present status of such activities.



7. Examine the impact of proposed project on the nearest settlements.
8. Examine baseline environmental quality along with projected incremental load due to the proposed project/activities
9. Examine and submit details of levels, quantity required for filling, source of filling material and transportation details etc. Submit details of a comprehensive Risk Assessment and Disaster Management Plan including emergency evacuation during natural and man-made disaster integrating with existing airport
10. Examine road/rail connectivity to the project site and impact on the existing traffic network due to the proposed project/activities. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
11. Submit details regarding R&R involved in the project
12. Examine the details of water requirement, use of treated waste water and prepare a water balance chart. Source of water vis-à-vis waste water to be generated along with treatment facilities to be proposed.
13. Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water.
14. Examine details of Solid waste generation treatment and its disposal.
15. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
16. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.



17. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
18. Examine baseline environmental quality along with projected incremental load due to the proposed project/activities.
19. The air quality monitoring should be carried out as per the notification issued on 16th November, 2009.
20. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
21. Submit details of corporate social responsibilities (CSR)
22. Submit details of the trees to be cut including their species and whether it also involves any protected or endangered species. Measures taken to reduce the number of the trees to be removed should be explained in detail. Submit the details of compensatory plantation. Explore the possibilities of relocating the existing trees.
23. Examine the details of afforestation measures indicating land and financial outlay. Landscape plan, green belts and open spaces may be described. A thick green belt should be planned all around the nearest settlement to mitigate noise and vibrations. The identification of species/ plants should be made based on the botanical studies.
24. Public hearing to be conducted for the project in accordance with provisions of Environmental Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan. The Public Hearing should be conducted based on the ToR letter issued by the Ministry and not on the basis of Minutes of the Meeting available on the web-site.



25. A detailed draft EIA/EMP report should be prepared in accordance with the above additional TOR and should be submitted to the Ministry in accordance with the Notification.
26. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
27. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
28. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/Airport>".

