

# STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), BIHAR

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

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Ref. No. - 366

Patna Dated: - 20/10/2023

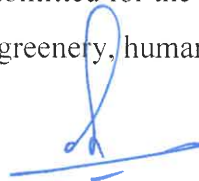
## MINUTES OF 28<sup>th</sup> MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), BIHAR CONSTITUTED ON 12.08.2021

VENUE: SEIAA Office

DATE: 13<sup>th</sup> October, 2023.

### Minutes/Proceeding of the Meeting

- 1. Opening Remarks of the Chairman:** The Chairman and Members extended a warm welcome to each other and 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 27th Meeting (27/2023) vide Ref. No.-344, dated 05.10.2023 of State Expert Appraisal Committee held on 22<sup>nd</sup> September & 23<sup>rd</sup> September 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 22<sup>nd</sup> September & 23<sup>rd</sup> September 2023. The minutes of the meeting of the said SEAC was confirmed by the Committee.
- 3. Consideration of Proposals:** The SEAC considered the proposals received as per the agenda adopted for the 28<sup>th</sup> meeting (28/2023) vide Ref. No. 358, dated- 11.10.2023. The key points of the deliberations held were as follows.
- 4. With regard to the proposals submitted for the Sand Mining project, and various issues concerning the green belt area/greenery, human health hazards, etc. were thoroughly discussed and scrutinized.**



Consideration of Environmental Clearance Proposal

AGENDA ITEM NO.01

**Sand Mining Project on Falgu River at Block-04 (Gaya Falgu-04) Sand Ghat of District- Gaya Area – 14 Ha, (File No. - SIA/1(a)/2375/2023), Online Proposal No.:- SIA/BR/MIN/444104/2023).**

Proponent:-M/s Siyaram Construction, Partner-Amit Kumar,

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 03<sup>th</sup> May, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2375/2023, dated 04.05.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 19.07.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 19.09.2023 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 M/s 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 undertake 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. 02**

**Sand Mining Project on Sone River at Patna Cluster-18 (Patna Sone-21) Sand Ghat of District- Patna, Area- 32.05 Ha, (File No.- SIA/1(a)/2402/2023), Online Proposal No.:- SIA/BR/MIN/444122/2023).**

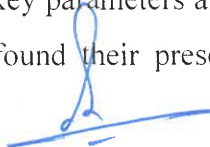
Proponent:-Unistar Biotech Limited, Prop-ShriPrakash Chandra,

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 17<sup>th</sup> May, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued ToR Vide SIA/1(a)/2402/2023, dated 20.05.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 22.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 29.09.2023 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.

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. 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 undertake 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. 03**

**Sand Mining Project on Sone River at Bhoj Son-18 Sand Ghat of District- Bhojpur, Area- 79.0 Ha, (File No. - SIA/1(a)/2341/2023), Online Proposal No.:- SIA/BR/MIN/444156/2023).**

Proponent: M/s Tirupati Petro Mart, Prop-Rita Devi  
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 31<sup>st</sup> March, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2341/2023, dated 06.04.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 24.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 25.09.2023 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. 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. 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 undertake 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 Dhadhar River at Block No-49 (Gaya Dhadhar-01/02/03/04) Sand Ghat of District- Gaya Area – 23.25 Ha, (File No. - SIA/1(a)/2377/2023), Online Proposal No.:-SIA/BR/MIN/444223/2023).**

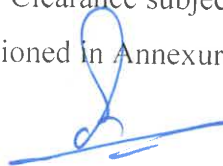
Proponent:-Maharani Services. Prop-Ravi Shankar Singh,

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 03<sup>th</sup>May, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2377/2023, dated 04.05.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 02.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 19.09.2023for 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 M/s 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 undertake 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)).

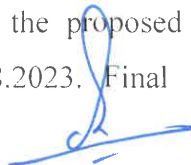
#### **AGENDA ITEM NO. 05**

**Sand Mining Project on Sone River at Bhoj Son-38 Sand Ghat of District- Bhojpur, Area- 96.0 Ha, (File No. - SIA/1(a)/2397/2023), Online Proposal No.:- SIA/BR/MIN/444353/2023).**

Proponent:-M/s Tirupati HP, Prop-Rajeev Ranjan Prasad singh,

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 15<sup>th</sup> May, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2397/2023, dated 20.05.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 24.08.2023. Final EIA report was submitted by Project



Proponent in the prescribed format to SEIAA, Bihar on 25.09.2023 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. 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. 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 undertake 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 Ganga River at Pahleja Ghat/Unit-12 Sand Ghat of District-Saran, Area- 13.8 Ha, (File No.- SIA/1(a)/2399/2023), Online Proposal No.:- SIA/BR/MIN/444451/2023).**

Proponent:-MaaBhawani Traders; Prop-Vikash Kumar Singh.

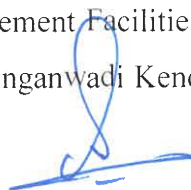
Consultant:-P&M Solution,

Application along with filled up 'Form - I 'and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 15<sup>th</sup>May, 2022 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2399/2023, dated 09.06.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 22.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 25.09.2023 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. 244, dated 23.05.2022.

The Project Proponent along with their environmental consultant M/s P&M Solution, 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 undertake 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 Sone River at Cluster No.-15 (Patna Sone Sand Ghat-18) Balu Ghat of District- Patna, Area- 49.75 Ha, (File No.- SIA/1(a)/2371/2023), Online Proposal No.:-SIA/BR/MIN/444668/2023).**

Proponent:-Sahabad Constructions LLP. Prop-Shishupal Prasad Verma,

Consultant:-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 28<sup>th</sup> April, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued ToR Vide SIA/1(a)/2371/2023, dated 02.05.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 08.09.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 20.09.2023 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.

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



## **AGENDA ITEM NO. 08**

**Sand Mining Project on Punpun River at Patna Punpun Cluster No.-03 (Patna Punpun-22, 23, 24, 25, 26) Sand Ghat of District- Patna, Area- 09.45 Ha, (File No.- SIA/1(a)/2452/2023), Online Proposal No.:-SIA/BR/MIN/445049/2023).**

Proponent:-M/s Shiv Sambhu Traders, Pro-Bhawesh Kumar Tiwari,

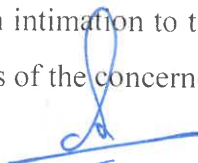
Consultant:-Rian Enviro Private Limited.

Application along with filled up 'Form - I' and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 18<sup>th</sup> July, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued ToR Vide SIA/1(a)/2452/2023, dated 19.07.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 12.09.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 03.10.2023 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. 267, 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 undertake 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 Sakri River at Block-07 (Sultanpur/Bishunpur Sand Ghat) of District- Nawada, Area- 55.0 Ha, (File No.- SIA/1(a)/2437/2023), Online Proposal No.:- SIA/BR/MIN/445282/2023).**

Proponent:-Siyaram Construction, Partner-Amit Kumar,

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 06<sup>th</sup> June, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2437/2023, dated 09.06.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 22.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 04.10.2023 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. 255, dated 23.05.2022.

The Project Proponent along with their environmental consultant M/s Cognizance Research India Pvt. Ltd. made a presentation on the key parameters and salient features of the project. Based on 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 specific conditions along with standard conditions as mentioned in Annexure "B".

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 undertake the sand mining limited to 2 meter (two 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 30<sup>th</sup> June and 31<sup>st</sup> 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 Mohana River at Sand Block No-48 (Gaya Mohana-04/05/06)  
Sand Ghat of District- Gaya Area – 62 Ha, (File No. - SIA/1(a)/2376/2023), Online  
Proposal No.:-SIA/BR/MIN/445347/2023).**

Proponent:-M/s Ramiya Construction Pvt. Ltd.

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 03<sup>th</sup> May, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2376/2023, dated 04.05.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 29.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 26.09.2023 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 M/s 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 undertake 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 Falgu River at Block-09(Gaya Falgu-09) Sand Ghat of District-Gaya Area – 12 Ha, (File No. - SIA/1(a)/2288/2023), Online Proposal No.:- SIA/BR/MIN/445457/2023).**

Proponent:-Mr. Ambuj Sharma,

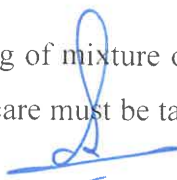
Consultant:-Cognizance Research India Pvt. Ltd.

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> February, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2288/2023, dated 14.02.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 21.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 27.09.2023 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 its environmental consultant M/s 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 undertake 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)).

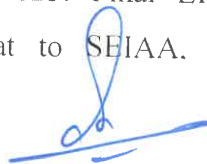
#### **AGENDA ITEM NO. 12**

**Sand Mining Project on Budh River at Block No-42 (Gaya Budh-11/12/13) Sand Ghat of District- Gaya Area – 44 Ha, (File No. - SIA/1(a)/2370/2023), Online Proposal No.:- SIA/BR/MIN/445549/2023).**

Proponent:-M/s Gladiata Engineering Makers Pvt. Ltd. Dir. Sonu Kumar.

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 24<sup>th</sup> April, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2370/2023, dated 25.04.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 30.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 26.09.2023 for obtaining Environmental Clearance (EC).

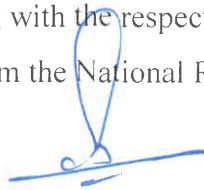




The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 258, dated 23.05.2022.

The Project Proponent along with their environmental consultant M/s 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 undertake 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. 13**

**Sand Mining Project on Morhar River at Block No.-19 (Gaya Morhar-06) Sand Ghat of District- Gaya Area – 18 Ha, (File No. - SIA/1(a)/2413/2023), Online Proposal No.:- SIA/BR/MIN/445700/2023).**

Proponent:-Mr. Ranjan Kumar,

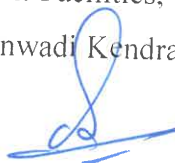
Consultant:-Cognizance Research India Pvt. Ltd.

Application along with filled up 'Form - I 'and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 26<sup>th</sup> May, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2413/2023, dated 01.06.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 31.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 27.09.2023 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 M/s 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 undertake 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. 14**

**Sand Mining Project on Morhar River at Block No.-36(Gaya Morhar-23) Sand Ghat of District- Gaya Area – 12.5 Ha, (File No. - SIA/1(a)/2420/2023), Online Proposal No.:- SIA/BR/MIN/445879/2023).**

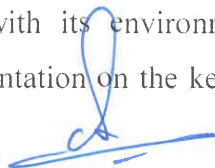
Proponent:-Mr. Sanjay Kumar,

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 31<sup>st</sup>May, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2420/2023. dated 02.06.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 12.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 27.09.2023for 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 its environmental consultant M/s Cognizance Research India Pvt. Ltd. made a presentation on the key parameters and salient features of



the project. Based on the discussion, the Committee observed that during public consultation meeting local people in the area have raised Objection to this project during the public hearing. During public consultation meeting the “Balu-Pani, Paryawaran Bachao Sangharsh Morcha”, Dumaria-Imamganj-Bankebazar (Gaya) submitted their written objection on operation this Ghat. The Morcha has said that the sand available is hardly beyond the local requirement. It has also raised issues of drying out of wall. Tubewells, Ponds, Lakes etc. due to mining of sand in this river. However, during presentation by the Project Proponent, it was observed that there is plenty of sand at the sand ghat.

The committee after discussion decided to keep the screening of proposal on hold and refer the matter to the Mines and Geology Dept. Govt. of Bihar for its opinion regarding the issues raised by the said Morcha.

#### **AGENDA ITEM NO. 15**

**Sand Mining Project on Dhab River at Jehanabad Block No.-15 Sand Ghat, of District- Jehanabad, Area- 06.72 Ha, (File No.- SIA/1(a)/2283/2023), Online Proposal No.:- SIA/BR/MIN/445913/2023).**

Proponent:-ShriAlok Kumar, S/o-Shri Jay Singh,

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 01<sup>st</sup>February, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2283/2023, dated 03.02.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 16.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 27.09.2023 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. 263, dated 23.05.2022.

The Project Proponent along with its environmental consultant M/s P&M Solution, 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 "B".

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 undertake the sand mining limited to 2 meter (two 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))

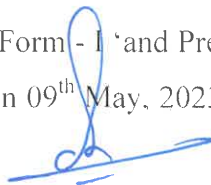
**AGENDA ITEM NO. 16**

**Sand Mining Project on Sone River at Patna Cluster-12 (Patna Sone-15) Sand Ghat of District- Patna, Area- 69.97 Ha, (File No.- SIA/1(a)/2383/2023), Online Proposal No.:- SIA/BR/MIN/446017/2023).**

Proponent:-Madhurendra Singh, S/o-Medi Singh,

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)/2383/2023, dated 11.05.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 29.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 04.10.2023 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. 267, dated 23.05.2022.

The Project Proponent along with their environmental consultant M/s P&M Solution, made a presentation on the key parameters and salient features of the project. Based on the discussion, the Committee found that the proposed mining area has got stabilized over a period of time as observed through the Google earth pro images and after leasing out of this ghat large scale mining has been done. Therefore, the committee directed the project proponent to submit recent geo-tagged colour photographs and a video clip of the said proposed site.

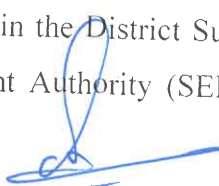
#### **AGENDA ITEM NO. 17**

**Sand Mining Project on Dhab River at Jehanabad Block No.-16 Sand Ghat of District- Jehanabad, Area- 05.47 Ha, (File No.- SIA/1(a)/2388/2023), Online Proposal No.:- SIA/BR/MIN/446107/2023).**

Proponent:-M/s Avighna Enterprises, Partner-Sanjay 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 10<sup>th</sup> May, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2388/2023, dated 11.05.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 16.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 29.09.2023 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. 263, dated 23.05.2022.



The Project Proponent along with its environmental consultant M/s P&M Solution, 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 "B".

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 undertake the sand mining limited to 2 meter (two 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. 18**

**Sand Mining Project on Dardha River at Jehanabad Block No.-13 Sand Ghat, of District- Jehanabad, Area- 08.78 Ha, (File No.- SIA/1(a)/2305/2023), Online Proposal No.:-SIA/BR/MIN/446160/2023).**

Proponent:-M/s Rama & Sons, Partner-Shri Bhir Bahadur Singh,



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 08<sup>th</sup> February, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2305/2023, dated 12.05.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 01.09.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 29.09.2023 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. 263, dated 23.05.2022.

The Project Proponent along with their environmental consultant M/s P&M Solution, made a presentation on the key parameters and salient features of the project. Based on the discussion, the Committee found that the proposed mining area has got stabilized over a period of time as observed through the Google earth pro images and in the public consultation report, objections have been raised by the people present in the public hearing regarding the non-availability of sand at this proposed mining site. Therefore, the committee decided to recommend to the SEIAA to refer the matter to the Department of Mines and Geology, Govt. of Bihar for the comments and Project proponent to submit recent geo-tagged colour photographs and a video clip of the said proposed site.

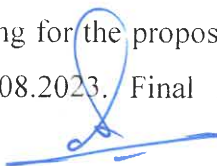
#### **AGENDA ITEM NO. 19**

**Sand Mining Project on Ganga River at Ghenghta Telpa Block-06, Sand Ghat, of District- Saran, Area- 08.95 Ha, (File No.- SIA/1(a)/2302/2023), Online Proposal No.:- SIA/BR/MIN/446592/2023).**

Proponent:-M/s Saheb Construction, Prop-Saheb Rai, S/o-Baban Rai,

Consultant:-Oceao-Enviro Management Solutions (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> February, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2302/2023, dated 16.02.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 09.08.2023. Final EIA report was submitted by Project



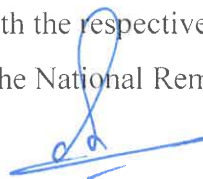


Proponent in the prescribed format to SEIAA, Bihar on 03.10.2023 for obtaining Environmental Clearance (EC).

The proposal has been mentioned in the District Survey Report (DSR) approved by the State Environment Impact Assessment Authority (SEIAA), Bihar vide letter no. 244. dated 23.05.2022.

The Project Proponent along with its environmental consultant M/s Oceao-Enviro Management Solutions (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 undertake 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. 20**

**Sand Mining Project on Sone River at Rohtas Son 17 Sand Ghat, of District- Rohtas, Area 97.4 Ha, (File No. - SIA/1(a)/2285/2023), Online Proposal No.:- SIA/BR/MIN/443423/2023).**

Proponent:-Shri Anand Singh, S/o-Ramgopal Singh,

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 01<sup>th</sup> February, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2285/2023, dated 03.02.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 28.07.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 18.09.2023 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 undertake 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. 21**

**Sand Mining Project on Ganga River at Doriganj Sand Block/Unit-07 Sand Ghat of District- Saran, Area- 15.0 Ha, (File No.- SIA/1(a)/2301/2023), Online Proposal No.:- SIA/BR/MIN/446816/2023).**

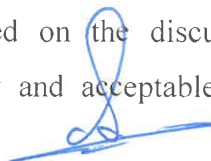
Proponent:-M/s Saheb Construction, Prop-Saheb Rai, S/o-Baban Rai,

Consultant:-Oceao-Enviro Management Solutions (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> February, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2301/2023, dated 16.02.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 09.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 05.10.2023 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. 244, dated 23.05.2022.

The Project Proponent along with its environmental consultant M/s Oceao-Enviro Management Solutions (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".

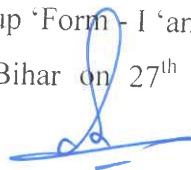
1. The proposed plantation consisting of mixture of indigenous and fast growing species of trees must be done and proper care must be taken. Plantation of a minimum of 5 feet tall plants must be done in the 1<sup>st</sup> year of lease period and properly maintained till the validity of Environmental 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 undertake 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. 22**

**Sand Mining Project on Sone River at Sonbarsa (Arwal Son 02) Sand Ghat of District-Arwal, Area- 65.90 Ha, (File No.- SIA/1(a)/2335/2023), Online Proposal No.:- SIA/BR/MIN/445975/2023).**

Proponent:-Fortntline (NCR) Business Solutions Pvt. Ltd. Director-Birendra Singh,  
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 27<sup>th</sup> March, 2023 for obtaining Terms of

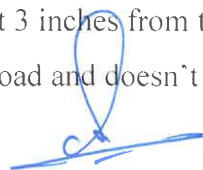


Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2335/2023, dated 31.03.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 26.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 06.10.2023 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. 264, dated 23.05.2022.

The Project Proponent along with its environmental consultant M/s P & M Solution, 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 undertake 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. 23**

**Sand Mining Project on Punpun river at Kinjar and Mirzapur Cluster-01 Sand Ghat of District- Arwal, Area- 8.46 Ha, (File No.- SIA/1(a)/2365/2023), Online Proposal No.:- SIA/BR/MIN/444794/2023).**

Proponent:-MaaVaishnavi Enterprises, Director-Shashi bhushan Sharma,

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 21<sup>st</sup> April, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2365/2023, dated 25.04.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 17.08.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 06.10.2023 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. 264, dated 23.05.2022.

The Project Proponent along with its 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 that the proposed mining area has got stabilized over a period of time as observed through the google earth pro images. Therefore, the Committee directed the project proponent to submit recent geo-tagged colour photographs and a video clip of the said proposed site.

**AGENDA ITEM NO. 24**

**Sand Mining Project on Sone River at Bhojpur Son-20 Sand Ghat of District- Bhojpur, Area- 98 Ha, (File No. - SIA/1(a)/2081/2022), Online Proposal No.:- SIA/BR/MIN/440273/2023).**

Proponent:-M/s Mateshwari Construction, Partner-Vikash Kumar,

Consultant:-Rian Enviro Pvt. Ltd.

Application along with filled up 'Form - I' and Pre-feasibility report in the prescribed format was submitted to SEIAA, Bihar on 21<sup>st</sup> December, 2023 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2081/2022, dated 11.01.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 30.05.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 18.08.2023 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 submitted a letter stating that due to health issues he is unable to attend the said meeting. Therefore the committee defers the proposal for the next meeting.

### **AGENDA ITEM NO. 25**

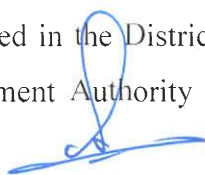
**Sand Mining Project on Sone River at Rohtas Son 07 Sand Ghat of District- Rohtas, Area - 98.8 Ha, (File No. - SIA/1(a)/2085/2022), Online Proposal No.:- SIA/BR/MIN/440645/2023).**

Proponent:-Mor Mukat Marketing Pvt. Ltd. Director Prabhawati Devi, D/o-Janki Rai,

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 20<sup>th</sup> December, 2022 for obtaining Terms of Reference (ToR). SEIAA, Bihar Issued System Generated ToR Vide SIA/1(a)/2085/2022, dated 11.01.2023 and public hearing for the proposed project was conducted by Bihar State Pollution Control Board on 15.06.2023. Final EIA report was submitted by Project Proponent in the prescribed format to SEIAA, Bihar on 21.08.2023 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 defers the proposal for the next meeting.

**LIST OF PARTICIPANTS IN 28<sup>th</sup> MEETING OF SEAC, BIHAR HELDON 13<sup>th</sup> OCTOBER 2023.**

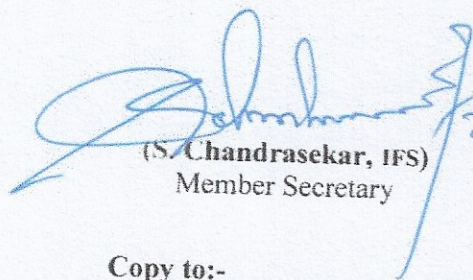
Sl. No.	Name	Designation	Attended on 13.10.2023
1.	Dr. Gopal Sharma	Chairman	Present
2.	Dr. RamakarJha	Member	Present
3.	Dr. BibhaKumari	Member	Present
4.	Dr. Anshumali	Member	Absent
5.	Dr. AdityaMohanty	Member	Absent
6.)	ShriMokhtarulHaque	Member	Present
7.	ShriAjitSamaiyar	Member	Absent
8.	ShriRanjan Kumar	Member	Absent
9.	Shri S. Chandrasekar	Member Secretary	Present

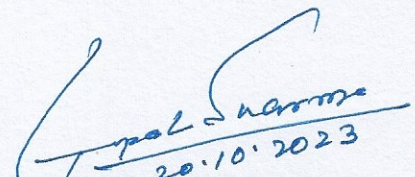
**Signature(s) of the Members Present**

Sd/-  
(Dr. RamakarJha)  
Member, SEAC

Sd/-  
(Dr. BibhaKumari)  
Member, SEAC

Sd/-  
(ShriMokhtarulHaque)  
Member, SEAC

  
(S. Chandrasekar, IFS)  
Member Secretary  
20/10/23

  
(Dr. Gopal Sharma)  
Chairman  
20.10.2023

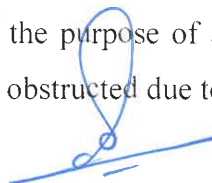
**Copy to:-**  
Member Secretary, SEIAA Bihar  
for information and necessary action.



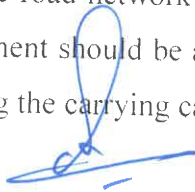
## Annexure – A

### A. Specific Condition

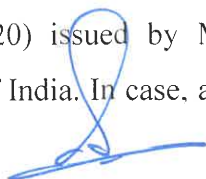
1. The Project Proponent shall obtain all necessary clearance/ permission from all concerned departments before commencement of mining works.
2. The Environmental Clearance will be valid for mine lease period subject to a ceiling of 5 years.
3. The project proponent before starting any activity /preparation 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. The project proponent should undertake the sand mining limited to 3 meter (three meter) depth by semi-mechanised method without using any heavy machine, preferably by manual excavation.
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

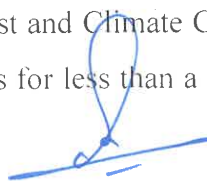


provision of both these document arises, the provision made in “Enforcement and Monitoring Guidelines for Sand Mining – 2020” shall prevail.

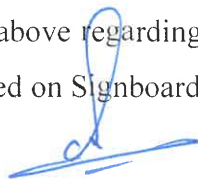
26. All specific and general conditions which are of public concern at large shall be permanently displayed at a prominent place for public along with address and contact details of authority where the violation of EC conditions can be reported.
27. Project proponent shall erect a signboard on his project 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**

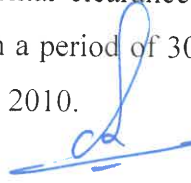
1. No stacking of sand is allowed on road side of any public road including national highways/ State highways.
2. No labour camp shall be allowed in riverbed.
3. Provision shall be made for housing labour with all necessary infrastructure and facilities (outside mining Block and river-bed) such as fuel 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.



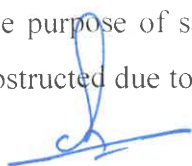
17. The SEIAA may impose additional conditions in the interest of Environment & Ecology whenever it becomes necessary to do so.
18. Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.

A handwritten signature in blue ink, consisting of a stylized, cursive 'S' shape, positioned over the end of the second list item.

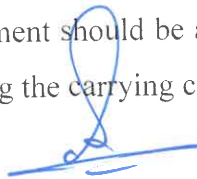
## Annexure – B

### 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. The project proponent should undertake the sand mining limited to 2 meter (two meter) depth by semi-mechanised method without using any heavy machine, preferably by manual excavation.
6. Extraction will be carried out up to a maximum depth of 2 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.

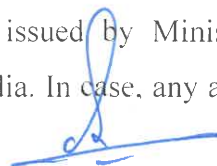


11. The pollution due to transportation load on the environment will be effectively controlled & water sprinkling will also be done regularly. Vehicles with PUCC only will be allowed to ply. The mineral transportation shall be carried out through covered vehicles / trucks only and the vehicle shall not 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.

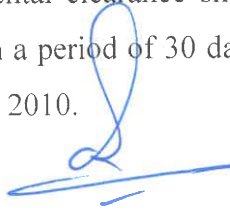
**B. General condition**

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.

A handwritten signature in blue ink, consisting of a large loop and a horizontal line below it.