



## Agenda of 151<sup>st</sup> Meeting of SEIAA, Odisha held on 11.01.2024 & 12.01.2024

### AGENDA NO.151.01

Proposal No.	SIA/OR/MIN/307932/2023
Date of application	30.12.2023
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Transfer of EC of Suktel Nadi Khari Sand Quarry over an area of 12.355 Acres or 5.00 Hectares in village Khari under Sonepur tahasil of Subarnapur district.
Name of the company/Organization	Sri Sanjay Mishra
Location of Project	village Khari under Sonepur tahasil of Subarnapur district

#### **Proposal in brief:**

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEIAA, are given as under.

- (i) This is a proposal Transfer of EC of Suktel Nadi Khari Sand Quarry over an area of 12.355 Acres or 5.00 Hectares in village Khari under Sonepur tahasil of Subarnapur district.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 2000/- vide e-Challan Ref. No. 35D662E358 dated 30.12.2023
- (iii) The EC of Suktel Nadi Khari Sand Quarry over an area of 12.355 Acres or 5.00 Hectares in village Khari under Sonepur tahasil of Subarnapur district was in favour of Tahasildar, Sonepur vide SEIAA letter no./Identification No. 9912/SEIAA dt. 07.02.2020
- (iv) Present status of quarry- working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Sonepur to Sri Sanjay Mishra, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 832 dated 27.02.2023.
- (vii) This is violation cases as the PP has operated the quarry without transfer of EC in his favour as per MoEF & CC, SOP dt. 07.07.2021.
- (viii) The PP has operated the quarry for last 2 years and extracted 10230 cum of sand from the source against approved quantity 5000 cum for 1<sup>st</sup> year. Hence, the PP has submitted suo-moto declaration along with the total project cost of Rs. 37,97,750/- and turnover amounting of Rs. 27,62,100/- during violation period through Chartered Account GB & Associates bearing UDIN No. 23061549BGWVDI6222
- (ix) Any deficiencies/omission have been noticed in the above documents- Not submitted ARRS report.

Whether SEAC recommended the proposal – N/A

#### **Decision of Authority: Reject**

The Authority noted that the PP has submitted the application as per MoEF & CC, Govt. of India office Memorandum (O.M.) dt. 07.07.2021 and subsequent clarification dtd. 28.01.2022 regarding the SOP for identification and handling of violation cases under EIA Notification 2006.



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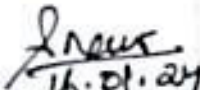
In the meantime, Hon'ble Supreme Court in W.P.(C) No. 1394/2023 titled Vanashakti Vs Union of India, has stayed the operation of both the Office Memorandum dated 7<sup>th</sup> July 2021 and 28<sup>th</sup> January 2022 issued by MoEF & CC, which has been communicated vide Mo.EF & CC OM No. F. No.-IA3-3/4/2024-1A.III [P.230791] dt. 08.01.2024.

In view of this and after detailed deliberation, the Authority opined that grant of EC including transfer of EC in cases involving violation is not permissible. Hence, the application is rejected.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member SEIAA

  
16.01.24  
Chairman, SEIAA



## Agenda of 151<sup>st</sup> Meeting of SEIAA, Odisha held on 11.01.2024 & 12.01.2024

AGENDA NO.151.02	
Proposal No.	SIA/OR/MIN/307910/2023
Date of application	29.12.2023
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Transfer of EC of Amjore Stone Quarry over an area of 7.00 Acres or 2.832 Hectares in village Amjore under Jaipatna tahasil of Kalahandi district.
Name of the company/Organization	Sri Gourab Behera
Location of Project	village Amjore under Jaipatna tahasil of Kalahandi district.

### **Proposal in brief:**

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEIAA, are given as under.

- (i) This is a proposal Transfer of EC of Amjore Stone Quarry over an area of 7.00 Acres or 2.832 Hectares in village Amjore under Jaipatna tahasil of Kalahandi district
- (ii) Documents submitted; Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 1000/- vide e-Challan Ref. No. 35D65340F7 dated 29.12.2023
- (iii) The EC of Amjore Stone Quarry over an area of 7.00 Acres or 2.832 Hectares in village Amjore under Jaipatna tahasil of Kalahandi district was in favour of Tahasildar, Jaipatna vide SEIAA letter no./Identification No. 10012/SEIAA dt. 14.12.2020
- (iv) Present status of quarry- working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Jaipatna to Sri Gourab Behera, (highest bidder/lessee) with attaching Mining Officer, Bhabanipatna forwarding letter vide letter no. 195 dated 16.10.2023.
- (vii) This is violation cases as the PP has operated the quarry without transfer of EC in his favour as per MoEF & CC, SOP dt. 07.07.2021.
- (viii) The PP has operated the quarry for last 2 years and extracted 4104 cum of sand from the source against approved quantity 2052 cum for 1<sup>st</sup> year. Hence, the PP has submitted suo-moto declaration along with the total project cost of Rs. 83,64,546/- and turnover amounting of Rs. 36,11,520/- during violation period through Chartered Account GB & Associates bearing UDIN No. 23061549BGWVDI6222
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

### **Decision of Authority: Reject**

The Authority noted that the PP has submitted the application as per MoEF & CC, Govt. of India office Memorandum (O.M.) dt. 07.07.2021 and subsequent clarification dtd. 28.01.2022 regarding the SOP for identification and handling of violation cases under EIA Notification 2006.

In the meantime, Hon'ble Supreme Court in W.P.(C) No. 1394/2023 titled Vanashakti Vs Union of India, has stayed the operation of both the Office Memorandum dated 7<sup>th</sup> July 2021 and 28<sup>th</sup> January 2022 issued



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by MoEF & CC, which has been communicated vide MoEF & CC OM No. F. No.-IA3-3/4/2024-IA.III [F. No. 230791] dt. 08.01.2024.

In view of this and after detailed deliberation, the Authority opined that grant of EC including transfer of EC in cases involving violation is not permissible. Hence, the application is rejected.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
16.01.24  
Chairman, SEIAA



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### AGENDA NO.151.03

Proposal No.	SIA/OR/MIN/271252/2022
Date of application	19.12.2023
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Transfer of EC of Pipirda Sand Quarry over an area of 12.00 Acres or 4.85 Hectares in village Pipirda under Puintala tahasil of Balangir district.
Name of the company/Organization	Sri Smarak Mishra
Location of Project	village Pipirda under Puintala tahasil of Balangir district.

#### **Proposal in brief:**

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEIAA, are given as under.

- (i) This is a proposal Transfer of EC of Pipirda Sand Quarry over an area of 12.00 Acres or 4.85 Hectares in village Pipirda under Puintala tahasil of Balangir district.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 2000/- vide e-Challan Ref. No. 33571D5A5D dated 04.05.2022
- (iii) The EC of Pipirda Sand Quarry over an area of 12.00 Acres or 4.85 Hectares in village Pipirda under Puintala tahasil of Balangir district was in favour of Tahasildar, Puintala vide SEIAA letter no./Identification No. 10363/SEIAA dt. 17.12.2020
- (iv) Present status of quarry - working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Puintala to Sri Smarak Mishra, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 497 dated 10.03.2022.
- (vii) This is violation cases as the PP has operated the quarry without transfer of EC in his favour as per MoEF & CC, SOP dt. 07.07.2021.
- (viii) The PP has operated the quarry for last 2 years and extracted 4560 cum of sand from the source against approved quantity 3000 cum for 1<sup>st</sup> year. Hence, the PP has submitted suo-moto declaration along with the total project cost of Rs. 74,09,580/- and turnover amounting of Rs. 28,72,800/- during violation period through Chartered Account GB & Associates bearing UDIN No. 23061549BGWVDI6222
- (ix) Any deficiencies/omission have been noticed in the above documents- Not submitted ARRS report.

Whether SEAC recommended the proposal – N/A

#### **Decision of Authority: Reject**

The Authority noted that the PP has submitted the application as per MoEF & CC, Govt. of India office Memorandum (O.M.) dt. 07.07.2021 and subsequent clarification dtd. 28.01.2022 regarding the SOP for identification and handling of violation cases under EIA Notification 2006.

In the meantime, Hon'ble Supreme Court in W.P.(C) No. 1394/2023 titled Vanashakti Vs Union of India, has stayed the operation of both the Office Memorandum dated 7<sup>th</sup> July 2021 and 28<sup>th</sup> January 2022 issued



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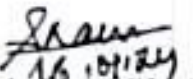
by MoEF & CC, which has been communicated vide MoEF & CC OM No. F. No.-IA3-3/4/2024-IA.III [F.230791] dt. 08.01.2024.

In view of this and after detailed deliberation, the Authority opined that grant of EC including transfer of EC in cases involving violation is not permissible. Hence, the application is rejected.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA



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AGENDA NO.15104	
Proposal No.	SIA/OR/MIN/306990/2023
Date of application	28.12.2023
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Transfer of EC of Karuanjhar Stone Quarry-I over an area of 5.20 Acres or 2.10 Hectares at village Karuanjhar, Tahasil-Khaprakhhol, Dist- Balangir (Odisha).
Name of the company/Organization	Sri Ajit Sahoo
Location of Project	village Karuanjhar, Tahasil-Khaprakhhol, Dist- Balangir (Odisha).

### **Proposal in brief:**

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEIAA, are given as under.

- (i) This is a proposal Transfer of EC of Karuanjhar Stone Quarry-I over an area of 5.20 Acres or 2.10 Hectares at village Karuanjhar, Tahasil-Khaprakhhol, Dist- Balangir (Odisha)..
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 1000/- vide e-Challan Ref. No. 35D4EAFE55 dated 05.12.2023
- (iii) The EC of Karuanjhar Stone Quarry-I over an area of 5.20 Acres or 2.10 Hectares at village Karuanjhar, Tahasil-Khaprakhhol, Dist- Balangir (Odisha) was in favour of Tahasildar, Khaprakhhol vide SEIAA letter no./Identification No. EC22B001OR197470 dt. 17.03.2022
- (iv) Present status of quarry- working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Khaprakhhol to Sri Ajit Sahoo, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 2234 dated 02.12.2022.
- (vii) This is violation cases as the PP has operated the quarry without transfer of EC in his favour as per MoEF & CC, SOP dt. 07.07.2021.
- (viii) The PP has operated the quarry for last 1 years and extracted 3600 cum of sand from the source against approved quantity 50575 cum for 1<sup>st</sup> year. Hence, the PP has submitted suo-moto declaration along with the total project cost of Rs. 1,96,48,140/- and turnover amounting of Rs. 6,84,000/- during violation period through Chartered Account GB & Associates bearing UDIN No. 23061549BGWVDI6222
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

### **Decision of Authority: Reject**

The Authority noted that the PP has submitted the application as per MoEF & CC, Govt. of India office Memorandum (O.M.) dt. 07.07.2021 and subsequent clarification dtd. 28.01.2022 regarding the SOP for identification and handling of violation cases under EIA Notification 2006.

In the meantime, Hon'ble Supreme Court in W.P.(C) No. 1394/2023 titled Vanashakti Vs Union of India, has stayed the operation of both the Office Memorandum dated 7<sup>th</sup> July 2021 and 28<sup>th</sup> January 2022 issued



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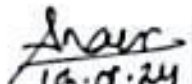
MoEF & CC, which has been communicated vide MoEF & CC OM No. F. No.-IA3-3/4/2024-IA.III [E.230791] dt. 08.01.2024.

In view of this and after detailed deliberation, the Authority opined that grant of EC including transfer of EC in cases involving violation is not permissible. Hence, the application is rejected.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
16.1.24  
Chairman, SEIAA





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AGENDA NO.151.05	
Proposal No.	SIA/OR/MIN/307009/2023
Date of application	09.01.2024
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Transfer of EC of Tamara Mahanadi Sand Bed over an area 12.20Ac. or 4.93Ha. in Tamara village under Narasinghpur tahasil of Cuttack district Odisha
Name of the company/Organization	Sri Sarat Behera
Location of Project	Tamara village under Narasinghpur tahasil of Cuttack district Odisha

### **Proposal in brief:**

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEIAA, are given as under.

- (i) This is a proposal Transfer of EC of Tamara Mahanadi Sand Bed over an area 12.20Ac. or 4.93Ha. in Tamara village under Narasinghpur tahasil of Cuttack district Odisha.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 2000/- vide e-Challan Ref. No. 35D6428526 dated 27.12.2023
- (iii) The EC of Tamara Mahanadi Sand Bed over an area 12.20Ac. or 4.93Ha. in Tamara village under Narasinghpur tahasil of Cuttack district Odisha was in favour of Tahasildar, Narasinghpur vide SEIAA letter no./Identification No. 10316/SEIAA dt. 17.12.2020
- (iv) Present status of quarry- working
- (v) Whether submitted KML file-Yes
- (vi) The Mining Officer vide his letter no. 50 dt. 06.01.2024 has mentioned that the quarry is in operation and sand extracted 15056.5 cum from the source for the period 22.03.2021 to 28.04.2023
- (vii) The project proponent applied proposal for transfer of EC from the name Tahasildar, Narasinghpur to Sri Sarat Behera, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 103 dated 17.01.2023.
- (viii) This is violation cases as the PP has operated the quarry without transfer of EC in his favour as per MoEF & CC, SOP dt. 07.07.2021.
- (ix) The PP has operated the quarry for last 2 years and extracted 15056 cum of sand from the source against approved quantity 9350 cum for 1<sup>st</sup> year. Hence, the PP has submitted suo-moto declaration along with the total project cost of Rs.43,65,418/- and turnover amounting of Rs.38,34,209/- during violation period through Chartered Account JPMP & Associates bearing UDIN No. 24531401BKESOP8483.
- (x) Any deficiencies/omission have been noticed in the above documents- Not submitted ARRS report.

Whether SEAC recommended the proposal – N/A

### **Decision of Authority: Reject**

The Authority noted that the PP has submitted the application as per MoEF & CC, Govt. of India office Memorandum (O.M.) dt. 07.07.2021 and subsequent clarification dtd. 28.01.2022 regarding the SOP for identification and handling of violation cases under EIA Notification 2006.



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In the meantime, Hon'ble Supreme Court in W.P.(C) No. 1394/2023 titled Vanashakti Vs Union of India, has stayed the operation of both the Office Memorandum dated 7<sup>th</sup> July 2021 and 28<sup>th</sup> January 2022 issued by MoEF & CC, which has been communicated vide MoEF & CC OM No. F. No.-IA3-3/4/2024-IA.III [E 230791] dt. 08.01.2024.  
In view of this and after detailed deliberation, the Authority opined that grant of EC including transfer of EC in cases involving violation is not permissible. Hence, the application is rejected.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA



## Agenda of 151<sup>st</sup> Meeting of SEIAA, Odisha held on 11.01.2024 & 12.01.2024

AGENDA NO.15106	
Proposal No.	SIA/OR/MIN/297854/2023
Date of application	09.01.2024
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Transfer of EC of Kushmal Sand Quarry over an area 12.25acres or 4.957hectares in Kushmal village of Khariar tahasil in Nuapada disrriect Odisha
Name of the company/Organization	Sri Manas Ranjan Bibhar
Location of Project	in Kushmal village of Khariar tahasil in Nuapada disrriect Odisha

### **Proposal in brief:**

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEIAA, are given as under:

- (i) This is a proposal Transfer of EC of Kushmal Sand Quarry over an area 12.25acres or 4.957hectares in Kushmal village of Khariar tahasil in Nuapada disrriect Odisha.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 2000/- vide e-Challan Ref. No. 359A3E1DCI dt. 21.02.2023
- (iii) The EC of Kushmal Sand Quarry over an area 12.25acres or 4.957hectares in Kushmal village of Khariar tahasil in Nuapada disrriect Odisha was in favour of Tahasildar, Khariar vide SEIAA letter no./Identification No. EC22B001OR148755 dt. 05.11.2022
- (iv) Present status of quarry- Non-working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Khariar to Sri Manas Ranjan Bibhar, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 3610 dated 22.11.2022.
- (vii) The PP has Submit EC compliance report (Complying with Points 7.1 to 7.7 of EC Order) with depositing the amount of Rs. 2,25,000/- to District Environmental Society, Sunabeda on 24.11.2023
- (viii) Any deficiencies/omission have been noticed in the above documents- Not submitted ARRS report.

Whether SEAC recommended the proposal – N/A

### **Decision of Authority: Approved**

After detailed deliberation, the Authority allowed the transfer of EC in favour of successful bidder/lessee for Kushmal Sand Quarry. The new lessee shall comply EC conditions issued earlier vide letter no. EC22B001OR148755 dt. 05.11.2022.

APPROVED BY

  
Member Secretary, SEIAA

  
Member, SEIAA

  
16.01.24  
Chairman, SEIAA



## Agenda of 151<sup>st</sup> Meeting of SEIAA, Odisha held on 11.01.2024 & 12.01.2024

AGENDA NO.151.07	
Proposal No.	SIA/OR/MIN/293504/2022
Date of application	09.01.2024
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Transfer of EC of Chalna Sand Quarry over an area 12.00ac or 4.856Ha in Chalna village under Sinapali tahasil of Nuapada district Odisha
Name of the company/Organization	Sri Chaturabhuj Meher
Location of Project	in Chalna village under Sinapali tahasil of Nuapada district Odisha

### **Proposal in brief:**

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEIAA, are given as under.

- (i) This is a proposal Transfer of EC of Chalna Sand Quarry over an area 12.00ac or 4.856Ha in Chalna village under Sinapali tahasil of Nuapada district Odisha.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 2000/- vide e-Challan Ref. No. 337AA9B237 dated 01.11.2022
- (iii) The EC of Chalna Sand Quarry over an area 12.00ac or 4.856Ha in Chalna village under Sinapali tahasil of Nuapada district Odisha was in favour of Tahasildar, Sinapali vide SEIAA letter no./Identification No. 2984/SEIAA dt. 28.09.2021
- (iv) Present status of quarry- Non-working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Sinapali to Sri Chaturabhuj Meher, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 2373 dated 27.07.2022.
- (vii) Any deficiencies/omission have been noticed in the above documents- Not submitted ARRS report.

Whether SEAC recommended the proposal – N/A

### **Decision of Authority: Approved**

After detailed deliberation, the Authority allowed the transfer of EC in favour of successful bidder/lessee for Chalna Sand Quarry. The new lessee shall comply EC conditions issued earlier vide letter no. 2984/SEIAA dt. 28.09.2021.

### APPROVED BY

  
Member Secretary, SEIAA

  
Member, SEIAA

  
16.01.24  
Chairman, SEIAA



## Agenda of 151<sup>st</sup> Meeting of SEIAA, Odisha held on 11.01.2024 & 12.01.2024

### AGENDA NO.151/08

Proposal No.	SIA/OR/MIN/293499/2022
Date of application	09.01.2024
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Transfer of EC of Gandabahali Sand Quarry over an area 12.00ac or 4.8561Ha in village Gandabahali & Nandagaon under Sinapali tahasil of Nuapada district Odisha
Name of the company/Organization	Smt. Lili Meher
Location of Project	village Gandabahali & Nandagaon under Sinapali tahasil of Nuapada district Odisha

#### **Proposal in brief:**

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEIAA, are given as under.

- (i) This is a proposal Transfer of EC of Gandabahali Sand Quarry over an area 12.00ac or 4.8561Ha in village Gandabahali & Nandagaon under Sinapali tahasil of Nuapada district Odisha.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 2000/- vide e-Challan Ref. No. 337AA99086 dated 01.11.2022
- (iii) The EC of Gandabahali Sand Quarry over an area 12.00ac or 4.8561Ha in village Gandabahali & Nandagaon under Sinapali tahasil of Nuapada district Odisha was in favour of Tahasildar, Sinapali vide SEIAA letter no./Identification No. 2589/SEIAA dt. 04.09.2021
- (iv) Present status of quarry- Non-working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Sinapali to Smt. Lili Meher, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 2961 dated 15.09.2022.
- (vii) Any deficiencies/omission have been noticed in the above documents- Not submitted ARRS report.

Whether SEAC recommended the proposal – N/A

#### **Decision of Authority: Approved**

After detailed deliberation, the Authority allowed the transfer of EC in favour of successful bidder/lessee for Gandabahali Sand Quarry. The new lessee shall comply EC conditions issued earlier vide letter no 2589/SEIAA dt. 04.09.2021

#### APPROVED BY

  
Member Secretary, SEIAA

  
Member, SEIAA

  
16.01.24  
Chairman, SEIAA



**Agenda of 151<sup>st</sup> Meeting of SEIAA, Odisha held on 11.01.2024 & 12.01.2024**

<b>AGENDA NO.15109</b>	
Proposal No.	SIA/OR/MIN/307920/2023
Date of application	03.01.2024
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Transfer of EC of Gorahandi Sand Bed over an area of 12.355 acres or 5.00 ha in village-Gorahandi, Tahasil-Kundra, Dist-Koraput
Name of the company/Organization	Sri Prasanna Panigrahi
Location of Project	village-Gorahandi, Tahasil-Kundra, Dist-Koraput

**Proposal in brief:**

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEIAA, are given as under.

- (i) This is a proposal Transfer of EC of Gorahandi Sand Bed over an area of 12.355 acres or 5.00 ha in village-Gorahandi, Tahasil-Kundra, Dist-Koraput.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 2000/- vide e-Challan Ref. No. 35D6534F92 dated 29.12.2023
- (iii) The EC of Gorahandi Sand Bed over an area of 12.355 acres or 5.00 ha in village-Gorahandi, Tahasil-Kundra, Dist-Koraput was in favour of Tahasildar, Kundra vide SEIAA letter no./Identification No. 9519/SEIAA dt. 03.11.2020
- (iv) Present status of quarry- Non-working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Kundra to Sri Prasanna Panigrahi, (highest bidder/lessee) with attaching Mining Officer forwarding letter vide letter no. 707 dated 20.12.2023.
- (vii) Any deficiencies/omission have been noticed in the above documents- Not submitted ARRS report.

Whether SEAC recommended the proposal – N/A

**Decision of Authority: Approved**

After detailed deliberation, the Authority allowed the transfer of EC in favour of successful bidder/lessee for Gorahandi Sand Bed. The new lessee shall comply EC conditions issued earlier vide letter no. 9519/SEIAA dt. 03.11.2020.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
16.01.24  
Chairman, SEIAA



## Agenda of 151<sup>st</sup> Meeting of SEIAA, Odisha held on 11.01.2024 & 12.01.2024

### AGENDA NO.151.10

Proposal No.	SIA/OR/MIN/307960/2024
Date of application	02.01.2024
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Transfer of EC of Thakurpali Stone Quarry over an area of 5.45 Acres or 2.205 Hectares in village Thakurpali under Loisingha tahasil of Balangir district
Name of the company/Organization	Sri Dharendra Patel
Location of Project	village Thakurpali under Loisingha tahasil of Balangir district

#### **Proposal in brief:**

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEIAA, are given as under.

- (i) This is a proposal Transfer of EC of Thakurpali Stone Quarry over an area of 5.45 Acres or 2.205 Hectares in village Thakurpali under Loisingha tahasil of Balangir district.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 1000/- vide e-Challan Ref. No. 37E733DC75 dated 02.01.2024
- (iii) The EC of Thakurpali Stone Quarry over an area of 5.45 Acres or 2.205 Hectares in village Thakurpali under Loisingha tahasil of Balangir district was in favour of Tahasildar, Loisingha vide SEIAA letter no./Identification No. 29/SEIAA dt. 15.01.2021
- (iv) Present status of quarry- working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Loisingha to Sri Sanjay Mishra, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 1665 dated 17.09.2022.
- (vii) This is violation cases as the PP has operated the quarry without transfer of EC in his favour as per MoEF & CC, SOP dt. 07.07.2021.
- (viii) The PP has operated the quarry for last 2 years and extracted 5523 cum of stone from the source against approved quantity 3748.5 cum for 1<sup>st</sup> year. Hence, the PP has submitted suo-moto declaration along with the total project cost of Rs. 39,69,471/- and turnover amounting of Rs. 14,35,980/- during violation period through Chartered Account GB & Associates bearing UDIN No. 23061549BGWVDI6222
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

#### **Decision of Authority: Reject**

The Authority noted that the PP has submitted the application as per MoEF & CC, Govt. of India office Memorandum (O.M.) dt. 07.07.2021 and subsequent clarification dt. 28.01.2022 regarding the SOP for identification and handling of violation cases under EIA Notification 2006.

In the meantime, Hon'ble Supreme Court in W.P.(C) No. 1394/2023 titled Varashakti Vs Union of India, has stayed the operation of both the Office Memorandum dated 7<sup>th</sup> July 2021 and 28<sup>th</sup> January 2022 issued



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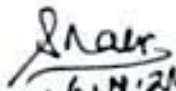
by MoEF & CC, which has been communicated vide MoEF & CC OM No. F. No.-IA3-3/4/2024-IA,III [L-230791] dt. 08.01.2024.

In view of this and after detailed deliberation, the Authority opined that grant of EC including transfer of EC in cases involving violation is not permissible. Hence, the application is rejected.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
16.01.24  
Chairman, SEIAA





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**AGENDA NO.151.11**

Proposal No.	SIA/OR/MIN/306205/2023
Date of application	01.11.2023
File No.	SIA/OR/MIN/81911/2022
Project Type	Proposal for Amendment of ToR
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of Amendment of ToR for Kusumi & Mohuda Stone Quarries Cluster over an area of 38.228 acres or 15.469 hectares in village Kusumi & Mohuda, Tahasil Kukudakhandi in District Ganjam, State Odisha submitted under cluster approach with consisting of 7 stone quarries.
Name of the company/Organization	Tahasildar, Kukudakhandi
Location of Project	village Kusumi & Mohuda, Tahasil Kukudakhandi in District Ganjam, State Odisha
ToR Date	19.08.2022
Name of the Consultant	M/s. P and M Solutions

**Proposal in brief:**

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
  - (i) This proposal is for amendment Terms of Reference for Kusumi & Mohuda Stone Quarries Cluster over an area of 38.228 acres or 15.469 hectares in village Kusumi & Mohuda, Tahasil Kukudakhandi in District Ganjam of Tahasildar Kukudakhandi (submitted under cluster approach with consisting of 7 stone quarries).
  - (ii) **Category:** As per EIA Notification,2006 and its subsequent amendments, the project proposed comes under Category -B of Schedule- 1(a) - Mining of Minerals.
  - (iii) **TOR details:** Earlier Terms of Reference (ToR) was issued earlier for 5 quarries over an area of 11.139 Ha. or 27.258 Acres. vide Letter no.- 5157/SEIAA dated. 19/8/2022.
  - (iv) As per the Minutes of 138<sup>th</sup> Meeting of SEIAA, Odisha held on 10.10.2023 & 12.10.2023, it has been directed to include two more quarries i.e., Mohuda stone quarry of Sri Balaji Reddy and Mohuda stone quarry of Sri Tushar Kanta Dash which have already granted EC in EIA study as all leases are within 500 meters radius.
  - (v) The total no. of quarries in cluster will increase from 5 to 7 and area of cluster will increase from 11.139 Ha. or 27.258 Acres to 15.469 Ha. or 38.228 Acres. Details of the quarries are as per the following table.

**Cluster Details**

Name of the Quarry	Khata no.	Plot no.	Area (Hectares)	Maximum production capacity of individual source per year in Cum	Status of Quarry
Kusumi Stone Quarry (2.294 Ha)	325	147/P	2.294	8015	Pending for EC
Kusumi Stone Quarry (2.472 Ha)	325	147	2.472	10098	Pending for EC

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Kusumi Stone Quarry (1.199 Ha)	325	166	1.199	6148	Pending for EC
Mohuda Stone Quarry (0.890 Ha)	669	1978(P)	0.890	3015	Pending for EC
Mohuda Stone Quarry (4.284 Ha)	669	1978/P	4.284	16088	Pending for EC
Mohuda Stone Quarry (2.165 Ha)	669	1406	2.165	12020	EC Granted Operational, till 27.05.2025
Mohuda Stone Quarry (2.165 Ha)	669	1406	2.165	992	EC Granted Operational, till 21.08.2026
<b>Total</b>			<b>15.469</b>	<b>50376</b>	

- (vi) The project proponent has requested for public consultation instead of public hearing for these two existing sources.
- (vii) **Environment Consultant:** The Environment consultant **M/S P & M Solution, Noida**, along with the proponent made a presentation on the proposal before the Committee
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 21.11.2023 and the SEAC recommended the following.

- a) Amendment of ToRs may be considered including the old quarries which was not included in the earlier ToRs.
- b) Since, the public hearing has already conducted for the proposal; a fresh public hearing may not be insisted for inclusion of these old quarries. However, there shall be a public consultation giving one month notice in the newspapers for inclusion of these old quarries along with revised EIA/EMP report

**Decision of Authority: Approved**

After detailed deliberation, the Authority allowed for amendment of ToR issued vide letter no. 5157/SEIAA dated. 19/8/2022 for Kusumi & Mohuda Stone Quarries (7 quarries coming under single cluster) as per SEAC recommendation with following conditions.

- a) Amendment of ToRs may be considered including the old quarries which was not included in the earlier ToRs.
- b) Since, the public hearing has already conducted for the proposal; a fresh public hearing may not be insisted for inclusion of these old quarries. However, there shall be a public consultation giving one month notice in the newspapers for inclusion of these old quarries along with revised EIA/EMP report

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
18.01.24  
Chairman, SEIAA

**Agenda of 151<sup>st</sup> Meeting of SEIAA, Odisha held on 11.01.2024 & 12.01.2024**

**AGENDA NO.151.12**

Proposal No.	SIA/OR/MIN/436487/2023
Date of application	16.08.2023
File No.	436487/108-MINB1/08-2023
Project Type	Proposal for Fresh ToR
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of ToR for Enhancement in Production of graphite from 4750 TPA to 27091TPA from Gandabahali Graphite mines over an area of 28.615 Ha at Vill.- Gandabahali, Tahasil- Sinapalli in the District of Nuapada, Odisha by Sri Prabhas Chandra Agrawal.
Name of the company/Organization	Sri Prabhas Chandra Agrawal
Location of Project	Vill.- Gandabahali, Tahasil- Sinapalli in the District of Nuapada, Odisha
ToR Date	N/A
Name of the Consultant	M/s. Kalyani Laboratories Pvt. Ltd., Bhubaneswar

**Proposal in brief:** The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.

1. The proposal was considered by the committee to determine the "Terms of Reference (ToR)" for undertaking detailed EIA study for the purpose of obtaining environmental clearance in accordance with the provisions of the EIA Notification, 2006 and amendment thereafter.
2. This proposal is for Terms of Reference (ToR) for Enhancement in Production of graphite from 4750 TPA to 27091TPA from Gandabahali Graphite mines over an area of 28.615 Ha.at Village - Gandabahali, Tahasil - Sinapalli in the District of Nuapada of Sri Prabhas Chandra Agrawal.
3. **Category:** As per the EIA notification 2006 and its subsequent amendments, proposed project falls in category B under schedule of Item 1(a)-Mining of minerals.
4. The PP has obtained EC from SEIAA, Odisha vide letter no. 2842/SEIAA dt. 21.01.2015 for production of graphite ore upto 4750 TPA over an area of 27.996 ha (Excluding Gramya Jungle Jogya area of 0.619 ha) at village-Gandabahali, Dist-Nuapada of M/s. Gandabahali Graphite Mines of Sri Prabhask Chandra Agrawal.
5. The PP has obtained CTO from SPCB vide letter no. 3310 dt. 21.08.2020 valid upto 14.02.2025.
6. The PP has submitted application on 27.03.2017 & 26.07.2014 to MoEF & CC, Govt. of India in regard to clarification on "Gramya Jungle Jogya" land involving in the mining lease area of gadabahali Graphite Mines over an area of 28.615 Ha in District of Nuapara, Odisha. The MoEF & CC has clarified on 29.10.2018 with mentioned that the "Gramya Jungle Jogya Jamin" should not be treated as recorded forest land(unless they actually have natural forest growth) for the purpose of provision of Forest (Conservation) Act 1980.
7. The mining lease deed made between Govt. of Odisha, Bhubaneswar and Sri Prabhask Chandra Agrawal was on dated 15.02.2005 for 20 years. As per section 8A of MM (D & R) Act, 2015 as amended, Lessee has requested the Principal Secretary, Department of Steel & Mines, Government of Odisha, Bhubaneswar vide letter dated 06.10.2016 to revise the lease period of this mine for 50 years from the date of execution of the lease deed from 15.02.2005 to 14.02.2055.

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8. Modified mining plan approved for the period of 2016-17 to 2020-21 under rule 17(C) of MCR, 2016. Approval letter no. MPN/OTFM/02-ORI/BHU/2017-18 dated 08.06.2017. The Review of Mining Plan along with PMCP was approved vide letter no. RMP/A/27-ORI/BHU/2020-21/2172 on dated 18.11.2020.
9. This is an existing mine. The proposed project is applied for enhancement in production of graphite from 4750 TPA to 27091 TPA from Gandabahali Graphite Mine over area of 28.615 Ha.
10. **Location and Connectivity:** The lease over an area of 28.615 hectares is located in Plot No 1195/P-1821 bearing Khata no:139-218 of Gandabahali village, PO/PS-Sinapali, Tahasil- Sinapali, District-Nuapada, Odisha. Gandabahali Graphite ore mine is in part of Survey of India toposheet No. 64 L/12 and geo co-ordinates are latitudes 20° 07'59.3''N to 20°08'26.0''N and longitude 82°42'03.1''E to 82° 42'27.0''E. The M.I. area is accessible from Khariar through metalled road over a distance of 20km via Duajhar. The nearest rail head is at Kantabanji at a distance of 40 km from Khariar (in Raipur-Vizianagaram section of SE Railway). Udanti - Sitanadi Tiger Reserve is situated 16 km distance from the lease area. Sunabeda Wildlife Sanctuary is situated at a distance of 40km from Gandabahali Graphite Mine.
11. **Reserves and total production:**

**Table: Geological Reserves**

Category	Cross section al area	Length of influen ce	Volume of excavati on	Volum e of Waste /Inter-burden (55%)	Saleable Ore		Sub-grade ore / Mineral Rejects		Total Quanti ty
					Volu me (40%)	Quanti ty (@2.1t/ m <sup>3</sup> )	Volu me (5%)	Quanti ty (@2.1t/ m <sup>3</sup> )	
	(m <sup>2</sup> )	(m)	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(t)	(m <sup>3</sup> )	(t)	(t)
Indicate d (332)	627	68	42636	23450	17054	35814	2132	4477	40291
	668	75	50100	27555	15030	31563	7515	15781	47344
	666	80	53280	29304	21312	44755	2664	5594	50349
	532	52	27664	15215	11066	23238	1383	2905	26143
	524	66	34584	19021	13834	29050	1729	3631	32681
	509	70	35630	19596	14252	29929	1782	3741	33670
<b>Total</b>	---	---	<b>243894</b>	<b>134141</b>	<b>92548</b>	<b>194349</b>	<b>17205</b>	<b>36129</b>	<b>230478</b>

**Table: Mineable Reserves**

Categor y	Length of influen ce	Volume of excavati on	Volume of Waste / Inter-burden (55%)	Saleable Ore		Sub-grade ore / Mineral Rejects		Total Quanti ty
				Volu me (40%)	Quantit y (@2.1t/ m <sup>3</sup> )	Volu me (5%)	Quantit y (@2.1t/ m <sup>3</sup> )	
	(m)	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(t)	(m <sup>3</sup> )	(t)	(t)
Probable (122)	60	37620	20691	15048	31601	1881	3950	35551
	75	37200	20460	14880	31248	1860	3906	35154
	72	23760	13068	9504	19958	1188	2495	22453
	44	23408	12874	9363	19663	1171	2458	22121
	66	34584	19021	13834	29051	1729	3631	32682
	70	35630	19597	14252	29929	1781	3741	33670
<b>Total</b>	---	<b>192202</b>	<b>105711</b>	<b>76881</b>	<b>161450</b>	<b>9610</b>	<b>20181</b>	<b>181631</b>

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**Table: Total production**

Year	Volume of excavation (m <sup>3</sup> )	Volume of Inter-burden Waste (55%) (m <sup>3</sup> )	Production of Graphite		Sub-grade ore / Mineral Rejects		Total Production of graphite (TPA)
			Volume (40%) (m <sup>3</sup> )	Quantity (@2.1t/m <sup>3</sup> ) (m <sup>3</sup> )	Volume (5%) (m <sup>3</sup> )	Quantity (@2.1t/m <sup>3</sup> ) (m <sup>3</sup> )	
1 <sup>st</sup> Year	25,782	14,180	10,313	21,657	1,289	2,707	24,364
2 <sup>nd</sup> Year	27,528	15,140	11,011	23,124	1,377	2,890	26,014
3 <sup>rd</sup> Year	28,626	15,744	11,451	24,046	1,431	3,006	27,052
4 <sup>th</sup> Year	28,680	15,774	11,472	24,091	1,434	3,000	27,091
<b>Total</b>	<b>110,616</b>	<b>60,838</b>	<b>44,247</b>	<b>92,918</b>	<b>5,531</b>	<b>11,614</b>	<b>1,04,532</b>

**12. Mining method:** Semi mechanised, opencast mining method through the formation of safe benches which will be on single shift basis, using machineries such as DTH drill, compressor, small capacity excavator, tippers etc. as category-A (other than fully mechanized) mine as per MCDR, 2017. Enhancement in production will be 4750 TPA to 27091 TPA in Gandabahali Graphite Mine. The Mining lease area is accessible from Khariar through metalled road over 20 km via Duajhar.

**13. Beneficiation detail:** Graphite ore (8.41% F.C.) will be beneficiated for semi-enrichment of graphite (35% to 45% F.C.) in beneficiation plant located outside the leased mine area.

**14. Waste generation and management:** Out of 362,755 m<sup>3</sup> waste, 120,918 m<sup>3</sup> waste will be disposed in a forwarding manner over an area of 1 hectare or 10,000 m<sup>2</sup> in a single terrace of 12m each for 15m maximum height. Slope of the terrace will be maintained equivalent with the angle of repose of the waste materials i.e. around 37° 30' and overall slope angle of the dump will be 28° with the horizontal. Floor of the terrace will be sloped inward to prevent the flow of water outside at weak zone.

Name	Length (m)	Width (m)	Area occupied (m <sup>2</sup> )	Design Capacity (m <sup>3</sup> )	Present Capacity (m <sup>3</sup> )	Remaining Capacity (m <sup>3</sup> )	Top RL (m)	Bottom RL (m)
				(A)	(B)	(A-B)		
Dump-1	225	78	17550	131625	131625	---	258	243
Dump-2	75	40	3000	7500	7500	---	249	244
Dump-3	152	45	6840	23940	23940	---	250	243
Dump-4	65	26	1690	4225	4225	---	252	247
Dump-5	66	25	1650	5775	5775	65100 (proposed)	253	246
Dump-6	58	25	1450	3625	3625	55818 (proposed)	253	248
Dump-7	110	29	3190	9570	9570	---	253	247
<b>Total</b>	---	---	<b>35,370</b>	---	---	<b>120,918</b>	---	---

**15. Water Requirement:** In a day, about 810 litres of potable water will be provided to the Quarry staff of 54 persons for drinking purpose assuming 15 litres of clean and wholesome drinking water per day per man and 5,000 litres will be required at the mine site for bathing, washing & cooking. In addition to these, 22,000 litres of water will be utilized for non-domestic purpose which includes 20,000 litres for water spraying for dust suppression and 2,000 litres for watering the plantation site for live and growth of the saplings.

**16. Greenbelt Development:** The mine started the plantation programme in and around the mining lease. There are plantation of 9680 nos. of sapling near the office building, around the lease and the untouched

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area with the species like Mango, Amla, Teak, Chakunda, Neem. Further, there is the proposal for plantation over an area of 0.5 Ha of virgin area with 1250 saplings and rehabilitated dump area of 2.0 Ha with 5000 saplings.

PLANTATION ALREADY CARRIED OUT DURING LAST 5 YEARS		
Year	Proposed Plantation (No. of saplings)	Achieved Plantation (No. of saplings)
2016-17	250	NIL
2017-18	1213	988
2018-19	3812	3815
2019-20	3266	3267
2020-21	1602	1610
---	<b>10,143</b>	<b>9,680</b>

VIRGIN AREA PLANTATION PROPOSAL						
Year of plan	Financial Year	Location	No. of Saplings proposed	Spacing (m)	Area Farmarked (m <sup>2</sup> )	Name of the saplings suggested
1 <sup>st</sup>	2021-22	Safety zone	500	2	2000	Teak, Mango, Jack-fruit, Neem, Chakunda, Gambhari etc.
2 <sup>nd</sup>	2022-23	-do-	250	2	1000	--do--
3 <sup>rd</sup>	2023-24	-do-	250	2	1000	-do-
4 <sup>th</sup>	2024-25	-do-	250	2	1000	-do-
<b>Total</b>	---	---	<b>1,250</b>	---	<b>5,000</b>	---

PLANTATION ON THE REHABILITATED DUMP						
Year of plan	Financial Year	Location	Area Farmarked (m <sup>2</sup> )	No. of Saplings proposed	Name of the saplings suggested	
1 <sup>st</sup>	2021-22	Dump-1	5000	1250	Teak, Mango, Jack-fruit, Neem, Chakunda, Gambhari etc.	
2 <sup>nd</sup>	2022-23	-do-	5000	1250	-do-	
3 <sup>rd</sup>	2023-24	-do-	5000	1250	-do-	
4 <sup>th</sup>	2024-25	Dump-3	5000	1250	-do-	
<b>Total</b>	<b>Total</b>	---	<b>20,000</b>	<b>5,000</b>	---	

17. **Manpower:** A total of 54 nos. of persons are employed in the mine from which 6 nos. as Management & Supervisory, 10 nos. as skilled, 10 nos. as semi-skilled and 28 nos. as unskilled.
18. **Project Cost:** Total project cost of the project 2.20 Crore from which 1.5 Cr is cost of existing project cost at current price level and 0.7 Cr will be the proposed enhancement project cost.
19. **Environment Consultant:** The Environment consultant M/s Kalyani Laboratories Pvt. Ltd., Bhubaneswar along with the proponent made a presentation on the proposal before the Committee.
20. Any deficiencies/omission have been noticed in the above documents-
  - a) As per section 8A of MM (D & R) Act, 2015 as amended, Lessee has requested the Principal Secretary, Department of Steel & Mines, Government of Odisha, Bhubaneswar vide letter dated 06.10.2016 to

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revise the lease period of this mine for 50 years from the date of execution of the lease deed from 13.05.2005 to 14.02.2055

b) Not submitted Certified compliance of EC conditions.

**Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 21.11.2023 and the SEAC prescribed the ToR as per **Annexure – A** for conducting detailed EIA study with following specific ToRs:

- i) The project proponent shall furnish all the documents and details regarding statutory clearances like Consent to Establish, Consent to Operate, Previous Environmental Clearance etc.
- ii) The project proponent shall provide the clarification regarding the disputed area and submit the revised mining plan.
- iii) The project proponent shall apply for NOC from CGWA and permission from Water Resources Department, Govt. of Odisha regarding intersection of ground water during plan period of mining.
- iv) Furnish a comparative table indicating the conditions stipulated as per the previous EC and its compliance status.
- v) Submit layout map of different dumps and its present status, its total capacity of storage and future use of all dumps.
- vi) Slope of the dumps should be done by DGMS Survey and slope study should be approved by the concerned authority. If approved, submit a copy of the same.
- vii) Submit Traffic study report vetted by institute of repute.
- viii) Submit parking facility details.
- ix) Copy of the letter from Department of Steel and Mines, Govt. of Odisha regarding validity of lease.
- x) Analysis report of mine water (including Boron content analysis) and management plan for discharge water.
- xi) Existing no. of employees is 48nos. and proposed only 6 more people in addition to existing. Justify how 54 nos. of employees will be adequate for the proposed expansion which is 6 times more than the present production.
- xii) Note on Silt management.
- xiii) The Project proponent needs to use non-explosive blasting to loosen the rock body as agricultural land is nearby.
- xiv) After beneficiating operation, tailings containing slimes should be channelized into a tailing pond. The surplus/overflow water of the tailing pond may be stored in a pond to avoid contamination of nearby agricultural field.
- xv) Assessment and management of surface runoff. Precautionary measures to prevent the runoff affecting the nearby agricultural fields.
- xvi) Measures for augmentation and conservation of water resources.
- xvii) SOP for control of dust and noise.

**Decision of Authority: Approved**

After detailed deliberation in the matter, the authority decided to issue ToR (both standard and SEAC recommended specific conditions) for EIA studies.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
16.01.24  
Chairman, SEIAA



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### AGENDA NO.151.13

Proposal No.	SIA/OR/MIN/438165/2023
Date of application	10.10.2023
File No.	438165/114-MINB1/10-2023
Project Type	Proposal for <b>Violation ToR</b>
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of ToR for Raika Iron & Manganese Ore Mines of Shri Shiv dutta Sharma over an area of 26.243 Ha at village Raika, Tahasil-Barbil, Dist-Keonjhar, Odisha
Name of the company/Organization	Sri Shakti Dash,
Location of Project	village Raika, Tahasil-Barbil, Dist-Keonjhar, Odisha
ToR Date	N/A
Name of the Consultant	M/s. EHS 360 Labs Pvt. Ltd

**Proposal in brief:** The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.

1. The proposal was considered by the committee to determine the "Terms of Reference (ToR)" for undertaking detailed EIA study for the purpose of obtaining environmental clearance in accordance with the provisions of EIA Notification, 2006 and amendment thereafter.
2. This proposal is for Terms of Reference for Environmental Clearance of Raika Iron & Manganese Ore Mines of Shri Shiv Dutta Sharma over an area of 26.243 Ha at village Raika, Tahasil-Barbil, Dist-Keonjhar of Sri Shakti Dash.
3. **Category:** This project falls under Category "B" or Schedule 1(a): Mining of Mineral as per EIA Notification dated 14th Sept, 2006 and its amendments.
4. **TOR details:** Terms of Reference was issued by SEIAA, Odisha vide letter no:- letter No. 501/SEAC214dated 19.07.2011 for production of iron ore 1.00 lakhs tons per annum and Manganese Ore 1000 tons per annum.
5. **Public hearing details:** The Public hearing was conducted successfully on 25.04.2012.
6. Final EIA/EMP with public hearing details submitted to SEIAA, Odisha vide letter dtd. 13.06.2012 towards grant of Environmental Clearance.
7. The mine was non-operational after 2009-10 as State Govt. of Odisha declared the lease as lapsed vide proceeding no. 7857/SM dated 20.08.2015 w.e.f. 30.09.2011 due to excessive of Iron & Manganese mining (as accessed by CEC) beyond permissive quantity and without obtaining prior environmental clearance during the year 2000-01 to 2009-10.
8. Further, as per the direction of Hon'ble Supreme Court of India and Govt. of Odisha the said mines was revised under the Rule 20 (6) of MC Rules, 2016 vide its proceeding dated 17.11.2022.
9. In pursuance of the Hon'ble Supreme Court order dated 02.08.2017 in WP(C) no. 114/2014, Director of Mines, Govt. of Odisha vide its letter dated 17.05.2022 raised the "Feasibility Report for Raika Iron and Manganese Ore Mines of S.D. Sharma over area 26.243 Ha, Village – Raika, Barbil, Dist-Keonjhar, Odisha. According to it, the demand for production of excess Iron & Manganese Ore beyond permissive quantity and without obtaining environmental clearance during the year 2000-01 to 2009-10 (as accessed by CEC) amounts to ₹4,37,99,592/- along with 12% interest. Accordingly, the project proponent





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deposited the demand amount in this regard i.e., ₹4,37,99,592/- along with 12% interest on dated 18.05.2022. Additionally, as suggested by Govt. of Odisha the proponent also paid another 12% interest amount of Rs 1,26,66,079/- on dated 20.10.2022.

### **10. List of Statutory Clearances obtained earlier -**

- a) The mining lease of Raika Iron & Manganese Ore of Shri S.D. Sharma over an extent area of 26.243 Ha at village Raika under Champua sub-division of Keonjhar district granted and executed on 01.11.1979. As per Section 8A (3) of the MMDR Act 2015, the lease is deemed to have been extended up to a period ending on the 31.10.2029.
- b) Approved Mining Plan up to 31.03.2028 vide No. RMP 6295/30ORI361003 dated 05.07.2023 and cleared all the due in pursuance of the Supreme Court order dated 02.08.2017 in WP(C) no. 114/2014.
- c) **After revival of lease, the forest diversion proposal has been initiated on dated 12.09.2023 and submitted over an area of 17.032 Ha vide proposal no. FP/OR/MIN/QRY/444094/2023 on 09.10.2023 which is under process.**
- d) Lessee has already paid the NPV of amount ₹1,06,77,330/- on dated 12.07.2010 and given an under taking for payment of differential NPV.

**11. Location and connectivity:** Raika Iron & Manganese Ore Mines is coming under village Raika under Champua sub-division of Keonjhar District. The geo-coordinates of project site is Latitude: 22° 03' 57.419" N - 22° 04' 23.301" N and Longitude: 85° 24' 55.489" E - 85° 25' 13.892" E. The project falls under Survey of India bearing Topo sheet no. 73 F/8. The mining lease area is approachable from Bhadrāsahi - Barajamda State High way which is further connected to NH-520 (2.07 km in south direction). The nearest habitation is Raika village at a distance of 0.05km in the eastern direction. The nearest water bodies are Jateswar Nalla at 0.9km, Karo River at 6.9km (NW) and a no. of ponds within 10km radius. The nearest airport connectivity is Tonto airstrip at 4.55km in WSW direction, Rourkela Domestic Airport at 64.34km in WNW direction and Bhubaneswar-Biju Patnaik International Airport at 203.14km. The reserve forest areas nearby are Thakurani Reserve Forest (0.04 Km in SSW direction), Sidhamath RF at 2.04km distance, Baitarani RF at 3.41km distance, Uliburu RF at 5.91km distance and Chamakpur RF at 7.64km distance. There are no Eco-sensitive areas, Biosphere reserve, National park & wildlife sanctuary within 10km radius.

**12. Baseline study conducted:** Baseline study was conducted during March, 2023 to May, 2023.

- a) **Ambient Air monitoring:** -Ambient Air Quality was monitored at eight sampling stations and the monitoring were conducted for a period of three months. PM<sub>10</sub> is within range of 45.6µg/m<sup>3</sup> to 92.4 µg/m<sup>3</sup>, PM<sub>2.5</sub> is within range of 25.6µg/m<sup>3</sup> to 52.6 µg/m<sup>3</sup>, SO<sub>2</sub> is within range of 4.0µg/m<sup>3</sup> to 19.2 µg/m<sup>3</sup> and NO<sub>x</sub> is within range of 10.8 µg/m<sup>3</sup> to 25.6 µg/m<sup>3</sup>.
- b) **Ground Water quality monitoring:** Groundwater quality parameters were monitored at 7 locations. pH is within range of 7.12-7.85, Iron content is within range of 0.36-0.52mg/l, SO<sub>4</sub> is within range of 5.08-6.02mg/l, NO<sub>3</sub> is within range of 1.62-1.81mg/l, TDS is within range 214-273mg/l.
- c) **Surface Water quality monitoring:** Surface water quality parameters were monitored at 7 locations. pH is within range of 6.98-7.92, Iron content is within range of 0.18-0.29mg/l, SO<sub>4</sub> is within range of 8.62-13.8mg/l, NO<sub>3</sub> is within range of 2.42-3.91mg/l, TDS is within range 126-170mg/l.

- d) **Ambient Noise monitoring:** Noise level in the study area was monitored at three sites. Noise levels vary from 57.2 dB(A)-71.8 dB(A) during daytime and 48.5 dB(A)-68.6 dB(A) during night time.
- e) **Soil monitoring:** Soil samples were collected from three locations. The pH of the samples ranged from 6.14-6.36 and the texture varies from Clay to Sandy Loamy. The NO<sub>3</sub> concentration varied from 162-170mg/Kg.

**13. Water requirement:** The total water requirement shall be 25 KLD.

**14. Rainwater harvesting details:** They have not proposed for any rainwater harvesting provision.

**15. Products generated:**

Units	Products and By products	Existing	Additional	After Expansion
	Iron Ores	Nil	1.0 Lakh Ton Iron Ore/Annum	1.0 Lakh Ton Iron Ore/Annum
	Manganese ore	Nil	1000 Ton Manganese Ore/Annum	1000 Ton Manganese Ore/Annum

**16. Mining Plan Details:**

- a) **Details of Minerals:** Iron ore will be extracted from the mines. There is enhance in production of iron ore to maximum ROM of 30,00,060 (3 million) TPA (23,15,460 TPA of +55% grade iron ore and 6,84,600 TPA of +45 to +55% grade iron ore).
- b) **Method of Mining:** Opencast mechanized method of mining will be adopted with deployment of machines like 100mm DTH drill, 2.5m<sup>3</sup> capacity excavators, 30t capacity dumpers etc and on 8 hourly single shift basis. The bench height and width will be maintained at 3m and 5m-15m respectively. The slope of individual bench will be vertical (80%) & horizontal (37%). The ground water depth is 540mRL.
- c) **Details of crushers/screen/beneficiation plant if any with capacity and numbers, water requirement for the project, plantation details, greenbelt details:** ROM will be upgraded in the ML area in respect of size and grade by way of dry crushing and screening. There is proposal to install Jaw Crushers of 150 TPH capacity, mobile screening plant of capacity 200TPH.
- d) **Land use as per mining plan at the end of plan period and at conceptual stage:**

Sl No	Particulars	Present Land use (Ha)	Plan period Land use (Ha)	Conceptual Land Use (Ha)
1	Area under Mining	4.82	10.32	11.031
2	Over burden/Waste Dumping	1.26	2.01	3.016
3	Mineral storage/Stacking yard and processing yard	0.71	1.92	3.099
4	Roads	2.0	2.0	1.46
5	Infrastructure	0.01	0.01	0.119
6	Safety Zone	1.70	1.70	1.70
	<b>Sub-total</b>	<b>10.50</b>	<b>17.96</b>	<b>20.425</b>
7	Un-disturbed	15.743	8.283	5.818
	<b>Total</b>	<b>26.243</b>	<b>26.243</b>	<b>26.243</b>

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- 17. Power Requirement & solar power details:** Power will be sourced from State grid. However, a 500 KVA DG set will be there for any emergency.
- 18. Solid waste generation:** During the process of mining for the plan period of 5 years from 2023-24 to 2027-28, the generation of waste materials will be 30961m<sup>3</sup>.
- 19. Mitigation of solid waste produced:** OB Waste will generated from both Iron and Manganese quarry which will be eventually stored at the designated places as per the approved Mining Plan. In plan period waste will be utilized for road maintenance. Further, in conceptual period it will be used for back filling.
- 20. Greenbelt Development:** The total area allocated for greenbelt 1.70 Ha.
- 21. Total Employment:** With the enhancement in production there will be scope for additional 52 persons (at present the mines has 52 persons as direct employee) in the leasehold area to carry on the mining and ancillary operations in two shifts. No colony is planned as most of the workers will be from local villages.
- 22. Project Cost:** Estimated Capital cost of the project is around Rs.42.416crores.
- 23. Violation Details:**
- As per the above proceeding of Govt. of Odisha, Lessee has to take all the statutory clearances like approved Mining Plan, Environmental Clearance and forest clearance **towards execute of supplementary lease deed.**
  - At present the Lessee has valid Mining Plan and cleared all the due in pursuance of the Supreme Court order dated 02.08.2017 in CWP no. 114/2014.
  - Further, the mine produce excess of Iron & Mn (as accessed by CEC) beyond permissive quantity and without obtaining prior environmental clearance during the year **2000-01 to 2009-10.**
  - Therefore, in pursuance of the Supreme Court order dated 02.08.2017 in WP(C) no. 114/2014, Director of Mines, Govt. of Odisha vide its letter dated 17.05.2022 raised the demand for production of excess Iron & Manganese Ore beyond permissive quantity and without obtaining environmental clearance during the year 2000-01 to 2009-10 (as accessed by CEC) **of Rs 4,37,99,592/- along with 12% interest.** Accordingly, the project proponent deposited the demand amount in this regard i.e., **Rs 4,37,99,592/- along with 12% interest** on dated 18.05.2022. Additionally, as suggested by Govt. of Odisha the proponent also paid another **12% interest amount of Rs 1,26,66,079/- on dated 20.10.2022.**
  - The proponent has Suo-moto admitted violation and applied for violation ToRs.
- 24. Environment Consultant:** The Environment consultant **M/s EHS 360 Labs Pvt. Ltd.,** along with the proponent made a presentation on the proposal before the Committee.
- 25.** The proponent has requested for exemption of public hearing as they have already conducted public hearing for the same proposal on 25.04.2012.
- 26.** The SEAC in its meeting held on dated **20-10-2023** recommended the following:
- A. The proponent may be asked to submit the following for further processing of ToR application:**
- Latest forest clearance obtained from the concerned DFO.
  - Copy of wildlife conservation plan for the wildlife in nearby Reserve Forests.
  - The details of the Net Present Value (NPV) compensation paid for operating the mines without Environmental Clearance.
  - Documents in support of mining lease obtained during 1979 to 2009.
  - Detailed justification as to why public hearing shall be exempted.



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### B. Following specific ToRs may be prescribed while issue of Terms of References:

- i) Details of the greenbelt coverage area. Care should be taken to cut minimum no. of trees and transplanting should be followed.
- ii) Compliance to conditions recommended in study report conducted by NEERI.
- iii) Traffic management study report vetted by institute of repute.
- iv) Details of parking plaza & road connectivity to the Mining Lease area.
- v) Detailed layout showing the location of each unit w.r.t Environmental aspects such as OB Dump, mining quarry, Garland Drain, Check Dams etc.
- vi) Detailed note on fly rock management, slope stability and scientific study for vibration.

27. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
1.	Latest forest clearance obtained from the concerned DFO.	Forest diversion proposal has been initiated on dated 12.09.2023 and submitted over an area of 17.032 Ha vide proposal no. FP/OR/MIN/QRY/444094/2023 on 09.10.2023. Accordingly PSC meeting has been conducted on dated 19.10.2023 and committee asked to submit the CA land details for further process. Thereafter Collector Keonjhar has initiated the process towards allocation of CA land vide its letter dated 03.11.2023. Further, DFO also initiated the process towards DGPS map authentication and Tree enumeration etc. The details are attached as <b>Annexure-1</b> .	-
2.	Copy of wildlife conservation plan for the wildlife in nearby Reserve Forests.	Project Proponent has requested to DFO, Keonjhar to prepare and approve the Site Specific Wildlife Conservation Plan. The copy of the same is attached as <b>Annexure-2</b> .	-
3.	The details of the Net Present Value (NPV) compensation paid for operating the mines without Environmental Clearance.	Lessee has already paid the NPV of amount Rs 1,06,77,330/- on dated 12.07.2010 and given an under taking for payment of differential NPV if any. Detailed attached as <b>Annexure-3A</b> . In pursuance of the Supreme Court order dated 02.08.2017 in WPI no. 114/2014, Director of Mines, Govt.	-




		<p>of Odisha vide its letter dated 17.05.2022 raised the demand for production of excess Iron &amp; Manganese Ore beyond permissive quantity and without obtaining environmental clearance during the year 2000-01 to 2009-10 (as assessed by CEC) of Rs 4,37,99,592/- along with 12% interest. Accordingly, the project proponent deposited the demand amount in this regard i.e., Rs 4,37,99,592/- along with 12% interest on dated 18.05.2022. Additionally, as suggested by Govt. of Odisha the proponent also paid another 12% interest amount of Rs 1,26,66,079/- on dated 20.10.2022. Payment Detailed attached as <b>Annexure-3B</b>.</p>	
4.	<p>Documents in support of mining lease obtained during 1979 to 2009.</p>	<p>Mining lease for Iron &amp; Mn ore over an extent area of 26.243 Ha in village Raika under champua subdivision of Keonjhar district granted in favour of M/s Utkal Minerals for a period of 20 years from 01.11.1979 to 31.10.1999 and was subsequently transferred to Sri Shiv Dutt Sharama through deed of transfer executed on 25.06.1985 for the remaining unexpired period of the said mining lease.</p> <p>Further, the Lessee had filed the First application for Renewal of Mining Lease (RML) on 28.10.1998 within due time and it was operating at that time under deemed renewal. Lease deed and Transfer deed is attached as <b>Annexure-4</b>.</p> <p>Further, As per Section 8A (3) of the MMDR Act 2015, the lease is deemed to have been extended up to a period ending on the 31.10.2029.</p>	



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5.	Detailed justification as to why public hearing shall be exempted.	Details of Justification for exemption of Public Hearing is attached <b>Annexure-5.</b>	-
28. Any deficiencies/omission have been noticed in the above documents-			
<p>2. <b>Whether SEAC recommended the proposal</b> – The proposal was placed in the SEAC meeting held on 21.11.2023 and after detailed deliberations, the SEAC noted that the proponent has gone for excess production of Iron Ore without prior Environmental Clearance under EIA Notification, 2006. Further, the SEAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&amp;CC, Govt. of India Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and <b>recommended for issuing Standard Term of Reference as per Annexure- A along with the following specific Terms of Reference</b> for undertaking EIA and preparation of Environmental Management Plan (EMP):</p> <p>(i) The State Government to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no Consent to Operate to be issued till the project is granted Environmental Clearance.</p> <p>(ii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of Environmental Clearance. The quantum shall be recommended by the SEAC and finalized by the regulatory authority i.e. SEIAA, Odisha as per para-12 of <b>Standard Operating Procedure (SoP) for Identification and handling of violation cases under EIA Notification 2006 in compliance to order of Hon'ble National Green Tribunal in O.A. No.34/2020 WZ issued by MoEF&amp;CC, Govt. of India vide OM No. 22-21/2020-IA.III, dated 07.07.2021 and OM No. 22-21/2020-IA.III (E 138949), dated 28.01.2022.</b> The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority i.e. SEIAA, Odisha.</p> <p>(iii) The proponent shall pay the penalty for such violation as per SoP for violation issued vide OM F No. 22-21/2020/IA. III, dtd. 07.07.2021 of MoEF &amp; CC, Govt. of India.</p> <p>(iv) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.</p> <p>(v) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.</p> <p>(vi) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.</p> <p>(vii) Public hearing has already been conducted for the proposal earlier on 25.04.2012. For this reason, conducting a fresh Public Hearing has been exempted. However, compliance to issues raised by the public during public hearing conducted on 25.04.2012 is to be furnished with EIA/EMP report.</p> <p>(viii) One season fresh base line data to be generated for EIA/EMP preparation.</p> <p>(ix) To submit the lease sketch approved by DMG, at the time of presentation before SEAC.</p>			

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- (x) Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017-IA.III dated 1<sup>st</sup> May, 2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in EIA/EMP report.
- (xi) Detailed hydrological study to be carried out in core and buffer zone of the project as per the recent GEC guidelines 2015.
- (xii) Approved mining plan is to be submitted.
- (xiii) The following information to be submitted.
- Compliance of mining plan, including waste and OB dump management, mine closure plan etc.
  - Compliance to Common cause judgment
  - Status of R&R
  - Compliance of plantation
  - Status of complaints/ court cases/legal action
  - Any other relevant environmental issue / parameter.
  - The following studies be undertaken by domain experts, viz;
    - Blast vibration study if feasible with trial blasts
    - Socio economic study of the neighbouring habitation
    - Biodiversity study with audit mechanism.
    - Slope stability study for both mines and OB /waste dumps.
    - Surface runoff management along with rainwater harvesting and ground water recharge including the design of drainage structures.
    - Traffic density study, both inside the mines and at haulage roads, intersecting points of haulage road with public road.
    - Hydrology study: The study findings and the mitigation measures thereof to be submitted
- (xiv) Cost of the CER calculated shall be utilized for the concerns of the people in terms of health, education, and infrastructure and environment protection. Project Proponent also shall include the budget for the betterment of schools nearby and to facilitate the online education system by providing Wi-Fi connectivity and desktops/tablets.
- (xv) The project proponent should provide in the EIA Report details of all the statutory clearances, permissions, no objection certificates, consents etc. required for this project under various Acts, Rules and regulations and their status or estimated timeline after grant of EC.
- (xvi) The project proponent should submit the revenue plan for mining lease, revenue plan should be imposed on the satellite imaginary clearly demarcate the Govt. land, private land, agricultural land etc.
- (xvii) The project proponent should submit the real-time aerial footage & video of the mining lease area and of the transportation route. The project proponent should submit the detailed plan in tabular format (year-wise for life of mine) for afforestation and green belt development in and around the mining lease. The project proponent should submit the number of saplings to be planted, area to be covered under afforestation & green belt, location of plantation, target for survival rate and budget earmarked for the afforestation & green belt development. In addition to this the project proponent should show on a surface plan (5-year interval for life of mine) of suitable scale the area to be covered under afforestation & green belt clearly mentioning the latitude and longitude of the area to be covered during each 5 years. The capital and recurring expenditure to be incurred needs to be submitted. Presently in India there are many agencies which are developing forest in short interval




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of time. Thus, for the plantation activities details of the experts/agencies to be engaged needs to be provided with budgetary provisions.

- (xviii) The project proponent should submit the quantity of surface or ground water to be used for this project. The complete water balance cycle needs to be submitted. In addition to this PP should submit a detailed plan for rain water harvesting measures to be taken. PP should submit the year wise target for reduction in consumption of the ground/surface water by developing alternative source of water through rain water harvesting measures. The capital and recurring expenditure to be incurred needs to be submitted.
- (xix) The project proponent should clearly bring out the details of the manpower to be engaged for this project with their roles /responsibilities/designations. In addition to this the project proponent should mention the number and designation of person to be engaged for implementation of environmental management plan (EMP). The capital and recurring expenditure to be incurred needs to be submitted.
- (xx) The project proponent should submit the year-wise, activity wise and time bound budget earmarked for EMP, occupational health surveillance & Corporate Environmental Responsibility. The capital and recurring expenditure to be incurred needs to be submitted.
- (xxi) The project proponent should submit the measures/technology to be adopted for prevention of illegal mining and pilferage of mineral. The project proponent should submit the detailed mineralogical and chemical composition of the mineral and percentage of free silica from a NABL/MoEF&CC accredited laboratory.
- (xxii) The project proponent should clearly show the transport route of the mineral and protection and mitigative measure to be adopted while transportation of the mineral. The impact from the center line of the road on either side should be clearly brought out supported with the line source modelling and isopleth. Further, frequency of testing of Poly Achromatic Hydrocarbon needs to be submitted along with budget. Based on the above study the compensation to be paid in the event of damage to the crop and land on the either side of the road needs to be mentioned. The project proponent should provide the source of equations used and complete calculations for computing the emission rate from the various sources.
- (xxiii) The project proponent should clearly bring out that what is the specific diesel consumption and steps to be taken for reduction of the same. Year-wise target for reduction in the specific diesel consumption needs to be submitted.
- (xxiv) The project proponent should bring out the awareness campaign to be carried out on various environmental issues, practical training facility to be provided to the environmental engineer/diploma holders, mining engineer/diploma holders, geologists, and other trades related to mining operations. Target for the same needs to be submitted.
- (xxv) The budget to be earmarked for the various activities shall be decided after perusal of the Standard EC conditions.
- (xxvi) The project proponent should ensure that only NABET accredited consultant shall be engaged for the preparation of EIA/EMP Reports. The project proponent shall ensure that accreditation of consultant shall be valid during the collection of baseline data, preparation of EIA/EMP report and during the appraisal process. The project proponent and consultant should submit an undertaking the information and data provided in the EIA Report and submitted to the SEIAA, Odisha are factually correct and the project proponent and consultant are fully accountable for the same.



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- (xxvii) The project proponent should submit the photograph of monitoring stations & sampling locations. The photograph should bear the date, time, latitude & longitude of the monitoring station/sampling location. In addition to this the project proponent should submit the original test reports and certificates of the labs which will analyze the samples.
- (xxviii) The percentage of iron in the final waste generated and not used as iron ore or its upgradation.
- (xxix) Compliance to NEERI recommendations.
- (xxx) "Zero discharge" management & "Zero Dust Re-suppression" management with SOP be submitted.
- (xxxi) Internal roads, drain management with network of the drain, retaining walls and settling tanks with ETPs be submitted.
- (xxxii) Details of air quality monitoring stations of the area and additional stations at entry and exit of mines and haulage roads, habitation to be considered.
- (xxxiii) Construction and perennial maintenance of haulage road with details of plantation and the species thereof to be submitted.
- (xxxiv) Forest Clearance details with copy of all Forest Clearance.
- (xxxv) Status of complaints/ court cases/legal action regarding to lease along with a detailed write up indicating case no., purpose of the case etc.
- (xxxvi) Copy of lease document.
- (xxxvii) Details of waste management i.e. composition and nature of waste generated, tabulated form showing year wise waste generation, usage and storage.
- (xxxviii) Project Proponent shall consider developing a good nursery in nearby village for production of saplings of 4-6 feet height for planting in safety zone, sides of external haulage roads and distribution among villagers for planting in their private land/ community land. The nursery may be developed by company on their own or in collaboration with forest department. A detailed proposal to this effect shall be submitted. The proponent shall ensure to use organic fertilizer in the nursery.
- (xxxix) Comprehensive water management, water balance with water harvesting and its reuse both monsoon and non-monsoon period.
- (xl) STP plan with design with location in the layout map for domestic waste water treatment.
- (xli) Provision of solar power (percentage wise) with detail plan.
- (xlii) To submit the network with dimension of concrete cement roads inside the mining lease area and haulage road.
- (xliii) To submit parking plaza at entry and exit of the mines with basic amenities.
- (xliv) Plan and SoP to be submitted for water sprinkling inside the mines and outside in haulage road including regular vacuum cleaning and Zero Dust Resuspension system to completely mitigate and arrest fugitive dust emission.
- (xlv) Wagon drill blasting must be avoided- to confirm.
- (xlvi) Details of grade of Fe to be mined, cutoff grade, management of off grade, quantity of each year wise and the dumping or storage plan of off grade and wastes to be provided.
- (xlvii) Total water management including domestic use w.r.t sourcing from borewell, rain water harvesting and recycling of waste water from ETP/STP, both for monsoon and non-monsoon be submitted.
- (xlviii) Measures to be taken for arresting and mitigation of occupational health hazard including identification of the same, both for employees and nearby/surrounding habitation.



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- Year wise waste/OB management with reference to generation and utilization in consideration with dynamic movement of inventory indicating dump area and dimension of storage be submitted.
- (i) Details of grades to be produced, to be discarded as waste and dumps and the utilisation plan.
  - (ii) Gochhar land, if any, need to be dereserved as per the applicable laws by appropriate authority.
  - (iii) Silt Management with procedure for desiltation if any as a contingency measure.
  - (liii) Slope of mines and dump vis- a- vis the position of water bodies.
  - (liv) Protection and conservation of Endangered, Threatened and Near Threatened living species in the mining lease area.
  - (lv) Adoption of ISO 14001& OHSAS
  - (lvi) The PP need to submit process flow sheet details with material balance of product, rejects, requirement of water, particle size distributions of product and rejects. The PP needs to carry out amenability studies to determine all the required information by any reputed institution.

### Decision of Authority: Reject

The Authority noted that the PP has submitted the application as per MoEF & CC, Govt. of India office Memorandum (O.M.) dt. 07.07.2021 and subsequent clarification dt. 28.01.2022 regarding the SOP for identification and handling of violation cases under EIA Notification 2006.

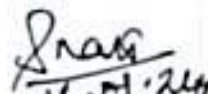
In the meantime, Hon'ble Supreme Court in W.P.(C) No. 1394/2023 titled Vanashakti Vs Union of India, has stayed the operation of both the Office Memorandum dated 7<sup>th</sup> July 2021 and 28<sup>th</sup> January 2022 issued by MoEF & CC, which has been communicated vide MoEF & CC OM No. F. No.-IA3-3/4/2024-IA.III [E 230791] dt. 08.01.2024.

In view of this and after detailed deliberation, the Authority opined that grant of EC including transfer of EC in cases involving violation is not permissible. Hence, the application is rejected.

### APPROVED BY

  
Member Secretary, SEIAA

  
Member, SEIAA

  
16.01.24  
Chairman, SEIAA



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### AGENDA NO.151.14

Proposal No.	SIA/OR/INFRA2/442119/2023
Date of application	03.10.2023
File No.	442119/122-INFRA2/10-2023
Project Type	Proposal for <b>ToR</b>
Category	B1
Project/Activity including Schedule No.	8(b) Area & Development Project
Name of the Project	Proposal for grant of ToR for Proposed Residential Apartment Building "Avenue-7, Assotech World" of M/s. Assotech Sun Growth Abode LLP at Plot No. 317, 318, 319, 327/11161, 327/11159 & others of Mouza-Rudrapur, PS-Balianta, Tehsil-Bhubaneswar, Dist-Khurda, Odisha
Name of the company/Organization	Sashank Sekhar Rout
Location of Project	Mouza-Rudrapur, PS-Balianta, Tehsil-Bhubaneswar, Dist-Khurda, Odisha
ToR Date	N/A
Name of the Consultant	M/s. Centre for Envotech & Management Consultancy Pvt. Ltd, Bhubaneswar

**Proposal in brief:** The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.

1. The proposal was considered by the committee to determine the "Terms of Reference (ToR)" for undertaking detailed EIA study for the purpose of obtaining environmental clearance in accordance with the provisions of EIA Notification, 2006 and amendment thereafter.
2. This proposal is for Terms of Reference for environmental clearance of M/s. Assotech Sun Growth Abode LLP for Residential Apartment Building "Avenue-7, Assotech World" of M/s. Assotech Sun Growth Abode LLP at Plot No. 317, 318, 319, 327/11161, 327/11159 & others over an built-up area 2,24,655.00 sqm of Mouza – Rudrapur, Ps-Balianta, Tehsil-Bhubaneswar, Dist-Khordha of Sri Sashank Sekhar Rout.
3. **Category:** The proposed project falls in schedule 8(b): Township & Area Development Projects, under Category "B", as per EIA notification – 2006 and amendment thereof.
4. BMC has provisionally approved the building plan vide letter no. 20629/BMC, dated 28.04.2023.
5. Drainage permission from BMC has been obtained vide letter no. 31277, dated 03.07.2023.
6. Ground Water permission from CGWA vide NOC no. CGWA/NOC/INF/ORIG/2021/12208, dated 03.07.2021.
7. Height Clearance from AAI has been obtained Vide NOC No. BHUB/EAST/B/072522/685895, dated 26.08.2022.
8. NOC from Public Health Division for Water & Sewerage connection has been obtained vide letter no. 6010, dated 31.05.2023.
9. **Location and connectivity:** The proposed site is located at Mouza-Rudrapur, PS-Balianta, Tehsil-Bhubaneswar, Dist-Khordha, Odisha. The Geographical co-ordinate of the project site is: Latitude – 20° 19' 24.5" to 20° 19' 32.03" N & Longitude – 85° 53' 17.75" to 85° 53' 26.47" E. The project site is well connected with National Highway NH-16 at a distance of 35pprox. 0.6 Km in West direction. The nearest railway station is Mancheswar Railway station at a distance of approx 4.5 Km in West direction &



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- Bhubaneswar Railway Station at a distance 9.2 Km in South-west direction. The nearest airport is Biju Patnaik Airport at a distance of 36 approx. 11.5 Km in South-west direction from project site.
10. The site is coming under Bhubaneswar Municipal Corporation (BMC).
  11. The total plot area is 34982.0 sq.mt. with total built-up area 2,24,655.0 sq.mt.
  12. The Building Area, Details of the Project in tabulated form

Particular	Proposed	Permissible
Project Name	Avenue-7, Assotech World, Assotech Sun Growth Abode LLP	
Land Falling in the proposed CDP road, ASSOTECH WORLD Avenue 7 Access road to be given as gift to BMC through Gift Deed	10,683.00 sqm	--
Net Plot Area of Avenue 7	34,982.00 sqm	--
Ground Coverage	18,287.00 sqm	--
FAR Area	1,62,805.00 sqm	--
<b>Total Built up Area</b>	<b>2,24,655.00 sqm</b>	--
Maximum Height	86.90 m	150 m
Road Area	5,478.00 sqm	--
Stilt Parking Area	15,987.00 sqm	<b>40,463.00 sqm</b>
Basement Parking Area	29,160.00 sqm	
Open Parking Area	500.00 sqm	
<b>Total Parking Area</b>	<b>45,647.00 sqm</b>	
Green Belt Area	9,580.00 sqm (27.0 %)	6,996.36 sqm (20 %)
Maximum No. of Floor	B+S+25	--
Power Requirement	4350.0 KVA	--
Solar	218.0 KVA	
No. of DG sets	2x1500 KVA	--
Fresh Water requirement	524.40 KLD	--
Sewage Treatment Plant	STP Capacity - 700 KLD	--
Estimated Population-Residential, Commercial, Floating/visitors	6438 nos.	--

13. **Water requirement:** Fresh make up of 524.4 m<sup>3</sup>/day will be required for the project which will be sourced from Ground Water.

Sl. No.	Description	Total Population	Per Capita Consumption (ltr/day)		Water Requirement (KLD)		
					Domes tie	Flushing	Total
i)	Premium	3144 nos.	Fresh (90)	Flushing (45)	282.9	141.5	424.4
ii)	Supreme	2304 nos.	Fresh (90)	Flushing (45)	207.4	103.7	311.1
iii)	Maintenance Staff	150 nos.	Fresh (25)	Flushing (20)	3.8	3.0	6.8
iv)	Club House	560 nos.	Fresh (25)	Flushing (20)	13.9	11.2	25.1

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Visitor	280 nos.	Fresh (5)	Flushing (10)	1.4	2.8	4.2
Swimming	--	--	--	15.0	--	15.0
<b>TOTAL</b>				<b>524.4</b>	<b>262.2</b>	<b>786.6</b>

14. **Wastewater management:** Total wastewater generated from the residential building is 681.7-BS/ 647.6 – PPT KLD which is treated in STP of Capacity 700 KLD. Treated water 226.4KLD will be discharged to nearest drain as per revised water balance.
15. **Power requirement:** Total Power requirement of the proposed residential building is 4350.0 KVA, Source is TPCODL, 2 x1500 KVA DG Sets is provided. Total 218.0 KVA Solar Power Generation which is 5.0% of total power required in project.
16. **Rain Water Harvesting:** Total 885 cum Rain Water is harvested through 14no. of recharge pits.
17. **Parking Requirement:** Total parking area provided is 45647.0 Sq.mt. and total 1502 nos. of ECS and location of parking area is Basement, Stilt & Open.

<b>Parking Area Provided</b>			
Basement Parking Area			29160.0 sqm
Stilt Parking Area			15987.0 sqm
Open Surface Parking			500.0 sqm
<b>Total Parking</b>	--	--	<b>45647.0 sqm</b>
<b>Equivalent Car Space Provided</b>			
	Area(sqm)	Area/ECS	
Basement Parking Area	29160.0	32	911 ECS
Stilt Parking Area	15987.0	28	571 ECS
Open Surface Parking	500.0	25	20 ECS
<b>Total Parking Provided</b>			<b>1502 ECS</b>

18. **Firefighting Installations:** Fire Fighting will be provided as per NBC Norms.
- Green Belt Development:** Greenbelt is developed over an area of 9,580.00 sqm which is 27% of the total plot area. Total 437 nos. of plants to be planted and 3 tier plantations.
- Solid Waste Management generation and management:**

**Solid waste Generation**

S. No.	Category	Counts (heads)	Waste generated (kg/day)
i)	Residents	5448 @ 0.40 kg/day	2179.2
ii)	Floating Population	330 @ 0.15 kg/day	49.5
<b>TOTAL SOLID WASTE GENERATED</b>			<b>2228.7 kg/day</b>

**Solid waste Management**

Sl. No.	Description of Waste	Organic Quantity Kg/ Day	Inorganic Quantity Kg/ Day	Method of Collection	Method of Disposal
i)	General Garbage	891.48		Manual	Organic waste converter
			1337.22	Manual	sold to recycler
ii)	STP Sludge including office and Amenity	80.0 Kg/Day		Manual	On Own Land for Gardening



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21. **Project cost:** The estimated project cost is 600.0 Crores and cost for EMP is Rs. 2.21 Crores.
22. **Environment Consultant:** The Environment consultant M/s **Centre for Envotech & Management Consultancy Pvt. Ltd, Bhubaneswar** along with the proponent made a presentation on the proposal before the Committee.
23. The SEAC in its meeting held on dated **18-10-2023** recommended the following:
- (A) The proposed site shall be visited by Sub-Committee of SEAC to verify the followings. ToRs to be issued after site visit.**
- Environmental settings of the project site,
  - Verify if the site is a flood prone area,
  - Construction activity if any started at the site
  - Road connectivity to the project site,
  - Drainage network at the site,
  - Discharge point for discharge of treated water and distance of the discharge point from the project site,
  - Any other issues including local issues.
- (B) Following specific ToRs may be prescribed while issue of Terms of References for the project for EIA study.**
- Copy of Permission obtained from the concerned authority for drainage connection & discharge of storm water and treated waste water from STP.
  - Documents/credentials in support of drainage discharge into the Prachi Dhara/Prachi River.
  - Copy of Structural Stability study report.
  - Copy of Soil quality, soil stability and soil erosion study report before and after the construction,
  - The water balance to reduce the quantity of wastewater generation as the quantity of treated waste water discharge is very high i.e. 336.1 KLD.
  - Copy of land documents along with permission obtained from the landowners (General Power of Attorney or Sale deed) for construction of drainage network over the respective plots.
  - Details of Reduced Level of Ground water and Bottom Reduced level of Rainwater harvesting pit.
  - Revenue map indicating plot details of the gifted road with copy of gift deed
  - Ownership of the land showing in revenue map connecting the drain to Prachi Dhara.
  - BMC permission letter to allow discharge of treated water to Prachi Dhara.
  - Structural stability, Traffic study vetted and green belt plan (as not much trees there).
24. The proposed site was visited by the sub-committee of SEAC on **01.11.2023**. Following are the observations of the sub-committee and proponent needs to submit relevant documents as below:
- The Project site is located near Bhubaneswar-Cuttack Main Road. The PP has gifted Road to BMC for connecting to its site. The Layout plans were explained by the Project proponent and Consultant.
  - The natural small drain called Prachi Dhara is adjacent to the road with about 15-20 ft.
  - Following documents need to be submitted by PP:
    - Revenue map indicating plot details of the gifted road with copy of gift deed.
    - Ownership of the land showing in revenue map connecting the drain to Prachi Dhara.
    - BMC permission letter to allow discharge of treated water to Prachi Dhara.
    - Structural stability, Traffic study vetted and green belt plan (as not much trees there)
  - All other points covered during presentation to be complied.
25. The proponent has furnished the compliance and the SEAC verified the same as follows:



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Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
	Copy of Permission obtained from the concerned authority for drainage connection & discharge of storm water and treated waste water from STP.	Only the surplus water after the conservation and recycling measures from project will be discharged to Prachi Dhara which is nearer to the project site. Permission has been obtained from Bhubaneswar Municipal Corporation vide letter no. 31277, dated 03/07/2023. Permission letter is attached in <b>Annexure-1</b> .	-
2.	Documents/credentials in support of drainage discharge into the Prachi Dhara/Prachi River.	Permission has been obtained from Bhubaneswar Municipal Corporation vide letter no. 31277, dated 03/07/2023. Permission letter is attached in <b>Annexure-1</b> .	-
3.	Copy of Structural Stability study report.	Structural Stability certificate has been obtained from Jadavpur University vide letter no. JU/VET/1192/2023, dated 19.09.2023. Structural Stability certificate is attached in <b>Annexure-2</b> .	-
4.	Copy of Soil quality, soil stability and soil erosion study report before and after the construction.	Soil investigation has been conducted at project site & the soil investigation report is attached in <b>Annexure-3</b> .	-
5.	The water balance to reduce the quantity of wastewater generation as the quantity of treated waste water discharge is very high i.e. 336.1 KLD.	Total fresh water requirement of the project is 524.4 KLD & flushing water requirement of the project is 262.2 KLD. Total wastewater generated from the project is 681.7 KLD & the treated water available from the STP is 647.6 KLD which is reused in Flushing (262.2 KLD), Dust Suppression (44 KLD), Landscaping (115 KLD) & 226.4 KLD treated water will be discharged to nearest drain i.e using this surplus water for township level irrigation and horticulture requirement in future. Revised water balance is attached in <b>Annexure-4</b> .	
6.	Copy of land documents along with permission obtained from the	Drainage network has been planned through our own land which has been	-



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	Landowners (General Power of Attorney or Sale deed) for construction of drainage network over the respective plots.	gifted to BMC through gift deed finally terminating to Prachi Dhara passing through the Plot No. 391/10875. Land document along with permission from landowner is attached in <b>Annexure-5</b> and the copy of gift deed attached as <b>Annexure-6</b> .	
7.	Details of Reduced Level of Ground water and Bottom Reduced level of Rainwater harvesting pit.	As per the existing study and data the Reduced Level of Ground water is 45.00 mtr from BGL and Bottom Reduced level of Rainwater harvesting pit will be 50.00 mtr from BGL.	-
8.	Revenue map indicating plot details of the gifted road with copy of gift deed	Revenue map indicating plot details of the gifted road is attached as <b>Annexure-7</b> and copy of gift deed attached as <b>Annexure-6</b> .	-
9.	Ownership of the land showing in revenue map connecting the drain to Prachi Dhara.	Revenue map showing drain connecting from Land to Prachi Dhara is attached in <b>Annexure-8</b> and ownership of the land is attached in <b>Annexure-5</b> .	-
10.	BMC permission letter to allow discharge of treated water to Prachi Dhara.	The drainage permission is undoubtedly for all types of drainage and it will not distinguish the type of discharge. The permission letter from Bhubaneswar Municipal Corporation vide letter no.31277, dated 03/07/2023. Permission letter is attached in <b>Annexure-1</b> .	-
11.	Structural stability, Traffic study vetted and green belt plan (as not much trees there)	Structural Stability certificate has been obtained from Jadavpur University vide letter no. JU/VET/1192/2023, dated 19.09.2023. Structural Stability certificate is attached in <b>Annexure-2</b> . Undertaking to submit Traffic Study Report vetted by Indian Institute of Technology (IIT), Bhubaneswar is attached in <b>Annexure-9</b> . Greenbelt development plan is attached in <b>Annexure-10</b> .	Greenbelt layout has been submitted.

Considering the information / documents furnished by the proponent and presentation made by the consultant



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M/s Centre for Envotech & Management Consultancy Pvt. Ltd, Bhubaneswar, the SEAC prescribed the following specific ToRs in addition to standard ToRs as per Annexure – C for conducting detailed EIA study.

**Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 02.12.2023 and after detailed deliberations, the SEAC prescribed the following specific ToRs in addition to standard ToRs as per Annexure – C for conducting detailed EIA study Details of Greenbelt plan along with layout has been submitted.

- i) Traffic Study Report to be submitted and vetted from reputed institute.
- ii) Structural Stability certificate from appropriate authority as per BDA guidelines be submitted and vetted from reputed institute.
- iii) Detailed calculation of Rain Water Harvesting and Layout showing Rainwater Harvesting pits. Increase more recharging pits with 50% recharge
- iv) Layout of internal drainage map and their fallout to external public drain.
- v) The water balance to reduce the quantity of wastewater generation as the quantity of treated waste water discharge is very high i.e. 336.1 KLD. Reduce discharge of treated water to drain by planting more trees.
- vi) The greenbelt to be provided along the outer periphery of the plot along the boundary the spacing may be reduced to 2m x 2m to accommodate more trees and should be planted on a hierarchical pattern.
- vii) The concept of vertical garden may also be considered apart from landscaping, potted plants, Parks & Gardens.
- viii) The water Treatment Plant, Waste Water Treatment Plant, STP, DG set's location to be marked in the layout plan.
- ix) Adequate overhead portable water tank to be provided as per the norms apart from Treated Waste Water tank for use in dual plumbing system for the flush in the toilet.
- x) To submit Sabik RoR with Kisam and Hal. RoR with Kisam to rule out involvement of Forest and D.I.C land in the project.
- xi) For parking of various types of vehicle adequate provision of basement, Stilt, Open area and Mechanical parking may be considered.
- xii) Provision of lift with ventilation, lighting and AC from lowest basement to terrace roof top to be provided.
- xiii) Bio-diversity register to be prepared for the existing fellow lands and plan for conservation of the same after completion of the construction activities as per Biodiversity Conservation Act, 2003.
- xiv) Efforts for Energy Conservation in the project as per Bureau of Energy Conservation in line with Energy Conservation Act, 2003 to be submitted for the project.
- xv) Disaster Management Plan for the project may be prepared and submitted as per Disaster Management Act, 2005.
- xvi) Permission from Water Resources dept. to be taken for usage of ground water.

**Decision of Authority: Approved**

After detailed deliberation in the matter, the authority decided to issue ToR (both standard and SEAC recommended specific conditions) for EIA studies.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
16.01.24  
Chairman, SEIAA



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### AGENDA NO.151.15

Proposal No.	SIA/OR/MIN/423182/2023
Date of application	03.05.2023
File no.	423182/343-MINB1/06-2023
Project Type	Proposal for EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of Minerals
Name of the Project	Proposal for EC of Dumangdiri Stone Quarry - III over an area 20.364 ha at Dumangdiri village in Panposh Tehsil, District Sundargarh
Name of the company/Organization	STARLIGHT INFRA PRIVATE LIMITED
Location of Project	Dumangdiri village in Panposh Tehsil, District Sundargarh
ToR Date	19.05.2022
Name of the Consultant	M/s. P & M Solution

#### Proposal in brief:

- i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- ii) This proposal is for Environmental Clearance for Dumangdiri Stone Quarry - III over an area 20.364 ha at Dumangdiri village in Panposh Tehsil, District Sundargarh of Sri Dulal Choudhary.
- iii) **Category:** As per EIA notification 2006 and its subsequent amendment thereof, proposed project falls in category B1 under Schedule of item of 1(a)-Mining of Minerals.
- iv) The Dumangdiri Stone Quarry-III project has been proposed by Sri Dulal Choudhury. The mining plan has been approved vide letter no 1445/Mines Dated 02.07.2020. by Director of Mines Odisha, Bhubaneswar.
- v) **TOR details:** TOR letter has been Issued vide letter no. 4593/SEIAA dated 19.05.2022
- vi) **Public hearing details:** Public hearing was successfully executed on date 07-11-2022 at Dumangdiri Playground, Dumangdiri Village Under Panposh Tahasil of Sundargarh district. Issues raised during public hearing are air pollution and mitigation measures, surface water bodies and their management, ground vibration and noise, land use patten, livestock and pasture land, employment and agriculture.
- vii) **Location and connectivity:** The Dumangdiri Stone Quarry-III comes near village-Dumangdiri, Tehsil Panposh, District Sundargarh, Odisha. Geo-graphically the ML area extends from Longitude 84°47'58.65" E to 84°04'07.14"E and Latitude 22° 22' 08.86"N to 22° 22' 27.05" N with an elevation of about 340mRL. to 260mRL. The area falls in Survey of India topo sheet No. F45G15. Nearest Electric Transmission Line Pole is present in Dumangdiri Village at a distance of 500m from the lease boundary. Nearest Town is Bimitrapur is at 7.51 Km in NW direction. Nearest Airport is Biju Patnaik International Airport, is approx 210.0 km towards SE direction. Nearest Railway Station is Kaurmunda railway station at a distance of 7.00 Km in SSW. Nearest Highway is NH-143 which is approx 5.54 km in W direction. Nearest river embankment is at a distance of 2.8 Km from the lease boundary.
- viii) **Baseline data:** Meteorological data at the site was monitored during March 2022 to May 2022 representing pre monsoon season.
  - a) **Ambient air quality:** The Ambient Air Quality Monitoring reveals that of seven monitoring stations the minimum concentrations of PM<sub>10</sub> are 39.59 µg/m<sup>3</sup> at AQ7 and maximum 62.54 µg/m<sup>3</sup> at AQ3. The results of PM<sub>2.5</sub> reveal that the minimum concentration of 18.47µg/m<sup>3</sup> is recorded at AQ7, while maximum concentration of 30.02 µg/m<sup>3</sup> is found at AQ3. As far as



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gaseous pollutants SO<sub>2</sub> and NO<sub>x</sub> are concerned, the prescribed CPCB limit of 80 µg/m<sup>3</sup> for residential and rural areas had never surpassed at any selected station. The minimum & maximum concentrations of SO<sub>2</sub> are found to be 6.55 µg/m<sup>3</sup> at AQ7 and 13.68 µg/m<sup>3</sup> at AQ4 respectively. The minimum & maximum concentrations of NO<sub>x</sub> are found to be 7.88 µg/m<sup>3</sup> at AQ7 and 21.07 µg/m<sup>3</sup> at AQ3 respectively.

- b) **Surface water:** The analysis results indicate that the pH ranges between 7.25 and 7.46. Dissolved Oxygen (DO) was observed in the range of 6.4 to 7.2 mg/l against the minimum requirement of 4 mg/l. BOD values were observed to be in the range of 4.0 - 7.8 mg/l.
  - c) **Ground water:** pH varies from 7.18 at GW1 to 7.43 at GW2 during study period. Total hardness varies from 148.0 mg/l at GW5 to 184mg/l at GW1 during study period. Total dissolved solids vary from 386.0 mg/l at GW5 to 502 mg/l at GW4 during study period.
  - d) **Noise Level:** The values of noise observed in some of the areas are primarily owing to vehicular traffic. Assessment of hourly night time Leq (Ln) varies from 32.5 to 45.6 dB (A) and the hourly daytime Leq (Ld) varies from 52.7 to 58.8 dB (A) during the night within the study area. The status of noise quality within the 10 km zone of the study area is, therefore, within the MoEF & CC standards.
  - e) **Soil quality:** 07 soil samples were collected in and around the mine lease area to assess the present soil quality of the region. The pH of the soil indicates that the soil is slightly alkaline in nature. Based on the results, it is evident that the soils are not contaminated by any polluting sources.
- ix) **Reserves and total production:** As estimated Geological Reserves and Mineable Reserve of the proposed project is 7446576.9 and 3956682.6 cum respectively.

	Category	Recovery Factor (95%)	Quantity in (cum)
<b>Geological Reserves</b>	Proved	0.95	4674358.3
	Probable	0.95	1833942.8
	Possible	0.95	938276.2
<b>Total (a)</b>	-	0.95	<b>7446576.9</b>
<b>Mineable Reserve</b>	Proved	0.95	3077880.3
	Probable	0.95	878802.3
<b>Total (b)</b>	-		<b>3956682.6</b>
<b>Total (a+b)</b>	-		<b>11403259.5</b>

Year	Volume of Rock Mass in cum	Volume of waste rock mass @ 5%: m <sup>3</sup>	Vol. of Usable Rock mass(95%) m <sup>3</sup>	Total Production in cum
1 <sup>st</sup> Year	10530	526.5	10004	10004
2 <sup>nd</sup> Year	10530	526.5	10004	10004
3 <sup>rd</sup> Year	10530	526.5	10004	10004
4 <sup>th</sup> Year	10530	526.5	10004	10004



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5 <sup>th</sup> Year	10530	526.5	10004	10004
<b>Total</b>	<b>52650</b>	<b>2632.5</b>	<b>50020</b>	<b>50020</b>

x) **Mining method:** Mining will be done by opencast semi-mechanized method with adoption of drilling & blasting. Mining will be done by deploying machines like jackhammer, drill compressor, rock breaker, excavator and tractors/trucks. Tipper trucks will be used for transporting stone and waste. Drilling & blasting will be carried out as & when required. Lessee will take all necessary permission and do accordingly DGMS norms. Blasting will be carried out by an employed blaster. Short hole blasting will be practiced.

xi) **Water requirement:** the water requirement for workers for drinking purpose will be around 0.25 KLD & the total water requirement will be around 11.50 KLD. This water will be supplied from the nearby area.

Purpose	Total (in KLD)
Domestic & drinking	0.25
Dust suppression	3.72
Green belt development	7.47
<b>Total</b>	<b>11.44-11.50 KLD</b>

xii) **Waste generation:** A total of 2632.5 cum waste/rejects is likely to be generated during the plan period. Considering swell factor of 1.2 the total broken volume of waste will be 3159 cum which will be dumped in the dumping site which will cover an area of 360 sqm, so the dump height will be 10 m. Depending upon the essentially about 70 % of these waste/rejects will be utilized con-currently for backfilling and construction and maintenance of road in the lease area

Year	Waste /Rejects in cum
1st Year	526.5
2nd Year	526.5
3rd Year	526.5
4th Year	526.5
5th Year	526.5
<b>Total</b>	<b>2632.5</b>

**xiii) Greenbelt:**

Year	Greenbelt Nos.			Total Plantation
	Safety Zone Area	Plantation along approach road	Plantation at other places in village after consulting local authorities	
1st	2615	620	100	3335
2nd	Maintenance		100	100
3rd			100	100
4th			100	100
5th			100	100
<b>Total</b>	<b>2615</b>	<b>620</b>	<b>500</b>	<b>3735</b>



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- xiv) **Manpower:** The number of working people required for the proposed project is 25.  
 xv) **Project cost:** Total cost of the project is 50 Lakhs. EMP budget includes a capital cost of Rs. 9,02,000 and recurring cost of Rs. 3,26,000.

**Table: BUDGET ALLOCATION FOR EMP IMPLEMENTATION**

S. No.	Measures	Capital Cost (In Rs.)	Recurring Cost (In Rs.)
i)	Pollution Control Dust Suppression /Water Sprinkling	--	1,00,000
ii)	Pollution Monitoring i) Air pollution ii) Water pollution iii) Soil Pollution iv) Noise Pollution	--	50,000 40,000 10,000 10,000
iii)	Green belt development	7,47,000	50,000
iv)	Maintenance of approach road	1,55,000	66,000
<b>Total</b>		<b>9,02,000</b>	<b>3,26,000</b>

**Table: CER cost**

S. No.	Activity	Capital Cost (in Rs./annum)
i)	Financial aid for medical camp in Dumangdiri village. @ Rs. 25,000/ camp (2 camp in a year).	50,000
ii)	Skill development program camps like computer learning, sewing etc. in Dumangdiri village. @Rs 25,000/trainer (2 trainer)	50,000
<b>TOTAL</b>		<b>1,00,000</b>

- xvi) **Environment Consultant:** The Environment consultant M/s P & M Solution, Noida along with the proponent made a presentation on the proposal before the Committee.  
 xvii) The SEAC in its meeting held on dated 07-07-2023 decided to take the decision on the proposal after receipt of the following from the proponent. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
i)	Status of Stone quarry – I, II and IV along with distance certificate from concerned Tahasildar from stone quarry – III.	Dumangdiri Stone Quarry –I & II are permanently closed/extinct on dt. 16.06.2022. Hence Stone quarry I & II were not included in application for obtaining EC. The distance between Dumangdiri Stone Quarry – III & IV is more than 1Km.	-
ii)	Clarify the discrepancy of water requirement and discharging wastewater into nearby Dam in PPT and EIA [as compliance to ToR 9 (ii)].	There will be no discharge of waste water into nearby Dam (a) Sources of inflow water in the mine area Rain water within the lease area (b) Surface Run-off water from the adjacent area. No pumping arrangement is required within the plan period, because rain water will be diverted in to	-



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		low lying area through a drain. The working area will have a garland drain which will not allow the rainy-off water into the pit.	
iii)	The proponent assured (as compliance to TOR 18) to submit the NOC/Certificate from the respective Panchayat to use the road during the final presentation for EC. But they failed to do the same. So, the proponent must submit the same.	The NOC/certificate regarding the road use from the respective Panchayat is obtained & annexed herewith.	Copy attached
iv)	Reduced Level (RL) of the reservoir, RL of ground water level during summer and rainy season as well as RL of surface post mining as per the approved mining plan.	Reduced Level of the nearby reservoir which is about 2.5km away from the lease is 229m. <ul style="list-style-type: none"> <li>- RL of ground water level during summer is ranging between 215m-220m &amp; rainy season is 220m-225m.</li> <li>- RL of surface post mining as per the approved mining plan is 279m. which is much above the water table.</li> </ul>	-
v)	NOC from Mandira Dam authorities for operation of the mines near to the Dam	Mandira Dam is situated at a distance of 16Km from the Dumangdiri Stone Quarry-III. Hence Mandira Dam will not be affected due to quarry operation in Dumangdiri Stone Quarry – III	NOC from Mandira Dam authorities for operation of the mines near to the Dam not submitted.
vi)	Details of blasting planning such as numbers of blasting per day, time of each blasting etc.	Short hole Muffled/ Controlled blasting technique will be adopted. Monthly production is very less i.e, 877.5m <sup>3</sup> . Hence for achieving this much quantity. Per day blasting is not needed. Number of blasting shall be 2/3 times per month.	-
vii)	Distance from habitation and layout indicating no mining zone towards habitation.	Nearest Notification is adjacent to the lease area. So 300m non-mineable zone has been proposed in the Mining Plan. As per mining plan the proposed mining area is more than 500m from the nearest habitation. Proposed mining zone is not towards habitation, Yearly excavation/mining will be carried	Layout not submitted.



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out in opposite direction of the habitation.

Considering the information furnished and the presentation made by the consultant, **M/s P & M Solution, Noida** along with the project proponent, the SEAC recommended for grant of Environmental Clearance upto lease period with stipulated conditions as per **Annexure – A and following additional conditions;**

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on **23.08.2023** and the SEAC recommended for grant of Environmental Clearance upto lease period with stipulated conditions.
  - a) Haulage road shall be developed and maintained perennially and perpetually by the proponent in consultation with the concerned authority of the Govt.
  - b) The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the decorative stone quarry for ensuring that working personnel are not affected by silicosis.
  - c) The project proponent shall undertake re-grassing of the area or any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for fodder, flora, fauna etc. after ceasing mining operation that is at the time of mine closure.
  - d) A condition on SOP for blasting and safety on management of flying rock to be implemented and detail risk and hazard management procedure shall be followed by the lessee as per the **Annexure B**.
3. The proposal was placed in 138<sup>th</sup> SEIAA meeting held on 10.10.2023 & 12.10.2023 and the Authority observed that the PP has submitted Suo-moto declaration and after detailed deliberation the Authority decided that the PP is required to submit the total project cost and total turnover during violation period from Chartered Accountant (CA) as per the SOP dated 07.07.2021 of MoEF & CC, Govt. of India for further consideration of this proposal.
4. Again, the proposal was placed in 148<sup>th</sup> SEIAA meeting held on 21.12.2023 and after detailed deliberation, the Authority decided that the PP is required to submit revised self-declaration Proforma-1 certified by Tahasildar that there is no violation in the present proposal. Accordingly, ADS letter was issued to PP on 02.01.2024 for clarification on above point.
5. Now, the PP has submitted clarification uploaded on 10.01.2024 with attaching Self-Declaration Proforma-1 applicable for No Violation jointly signed by Lessee, Tahasildar and Consultant (RQP)

### **Decision Of Authority: Approved**

After detailed deliberations, the Authority decided to grant **Environmental Clearance** with usual stipulated conditions as applicable for stone quarry.

- Maximum depth of mining 6.0 meter and maximum quantity of extraction shall be limited to **10064 cum** in 1<sup>st</sup> year and **10004 cum** in 2<sup>nd</sup> year as per mining plan.
- The validity of EC is for 1<sup>st</sup> year and 2<sup>nd</sup> year or validity of DSR or validity of lease period whichever is earlier.
- The Grant of EC for further period will be considered after submission of approved DSR by SEIAA as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020 and also as per the Hon'ble Supreme Court order vide its order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others).



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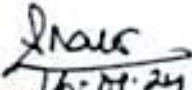
The Project Proponent (lease holder) shall deposit Rs.10,50,000/-, with the respective District Environment Society for raising 2100 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.

- The PP will implement the EMP cost of Rs. 9,02,000/- and recurring cost of Rs. 3,26,000/- along with CER cost of Rs. 1.0 Lakh/annum

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
16.01.24  
Chairman, SEIAA