

Minutes of 154th Meeting of SEIAA, Odisha held on 05.02.2024



PARIVESH 1.0, AGENDA No.154.01

Proposal No.	SIA/OR/MIN/296522/2023
Date of application	24.02.2023
File no.	SEIAA-1536/03-2021
Project Type	Proposal for Amendment of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Shirsa Rugudisahi Sand Bed over an area of 12.35 acres or 5.00 hectares in village Shirsa under Saraskana Tahasil in Mayurbhanj District, Odisha.
Name of the company/Organization	Sri Jayprakash Khandelwal, S/o-Narayanlal Khandelwal, At-Purunahatasahi, Ward No.-6, PO/PS-Baripada, District-Mayurbhanj
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

1. 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 is a proposal for amendment of EC of Shirsa Rugudisahi Sand Bed over an area of 12.35 acres or 5.00 hectares in village Shirsa under Saraskana Tahasil in Mayurbhanj District, Odisha.
- (iii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2599/SEIAA dated 04.09.2021 and Transfer of EC was issued vide letter no. 3691/SEIAA dated 27.12.2021 for Shirsa Rugudisahi Sand Bed over an area of 12.35 acres or 5.00 hectares in village Shirsa under Saraskana Tahasil in Mayurbhanj District, Odisha.
- (iv) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 50556 cum with depth of sand deposition was 1.2 meter and proposed for annual extraction-50500 cum.
- (v) The SEIAA allowed 6000 cum of sand for 1st year production.
- (vi) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 15th October 2022, if satisfactory replenishment study report is not submitted."
- (vii) The PP has mentioned the quantity of sand extracted for the 1st year period **7250 cum**
- (viii) Now, the PP has requested for amendment of EC for 2nd year production 40000 cum/annum.
- (ix) The replenishment study was done by the ORSAC empanel agency Sri Amresh Samataray with mentioned that the pre-monsoon reserve is **89865.22 cum** after post-monsoon mineral reserve is **91568.81 cum** and quantity of sand replenished is **1703.52 cum**
- (x) 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 27.03.2023 after detailed discussion, the SEAC decided to recommend the extraction of sand equal to replenished volume as per study i.e. **1703.59 cum/year** subject to outcome of



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further replenishment studies.

3. The proposal was placed in 114th SEIAA meeting held on 21.04.2023 and after detailed deliberation; the Authority observed that the replenishment study shows negative replenishment or meagre replenishment of sand. In the past few such reports have been referred to ORSAC for their opinion. Pending receipt of comments/ opinion from ORSAC, the present proposal is **deferred**.
4. Then proposal was placed in 120th SEIAA meeting held on 24.05.2023 and after detailed deliberation the authority decided that the matter was discussed with ORSAC on 04.05.2023 and it was suggested that the volume of sand replenished should be computed by calculating the replenishment quantity per hectare of workable area and then arrived at the total replenishment quantity in the mineable area proportionately. The PP is required to revised the calculation method and submit the final replenished quantity as per ARRS study for further consideration.
5. Now, the PP submitted the ADS reply on 06.11.2023 with mentioned that quantity of sand replenished 1340.14 cum and proposed production is **1340.14 cum**.
6. Again, the proposal was placed in 146th SEIAA meeting held on 11.12, 2023. The authority perused the revised ARRS report submitted by the PP and decided that a joint verification be carried out by the Department of Mining, Geology and Revenue with respect to permissible quantity as per ARSS for sustainable sand mining. Accordingly, ADS was by SEIAA on 16.12.2023 and now the Mining Officer, Baripada has submitted their reply vide letter no. 31 dt. 25.01.2024 and uploaded it in Parivesh portal on 02.02.2024 with attaching report of joint field verification with mentioned that 90,288 cum of sand available in the said sand bed and proposed production is 40,000 cum but the revised ARRS report submitted by the PP reveals that only **1340.14 cum** sand replenished in the sand bed and proposed production is 6000 cum for next year. Whereas the SEAC recommended earlier that extraction of sand equal to replenished volume as per study i.e. **1703.59 cum/year** subject to outcome of further replenishment studies.

Decision of Authority: Referred back

The proposal may be referred back to SEAC for their considered views.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.02	
Proposal No.	SIA/OR/MIN/299132/2023
Date of application	08.06.2023
File no.	SEIAA-1452/02-2021
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Birupa River Sand, Batitanki over an area of 12.00 CAres or 4.86 Ha at viillage-Batitanki under Bari Tahasil of Jajpur district, Odisha
Name of the company/Organization	Sri Gagah Jena
Location of Project	viillage-Batitanki under Bari Tahasil of Jajpur district, Odisha
ToR Date	N/A
Name of the Consultant	N/A

- 1. 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.
- (i) This is a proposal for amendment of EC of Birupa River Sand, Batitanki over an area of 12.00 CAres or 4.86 Ha at viillage-Batitanki under Bari Tahasil of Jajpur district, Odisha.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2415/SEIAA dated 31.08.2021 for Birupa River Sand, Batitanki over an area of 12.00 CAres or 4.86 Ha at viillage-Batitanki under Bari Tahasil of Jajpur district, Odisha.
 - (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 6541 cum with depth of sand deposition was 1.0 meter and proposed for annual extraction-5774 cum.
 - (iv) The SEIAA also granted EC for 1st year production 5000 cum with depth of mining 0.5 meter.
 - (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 15th October 2022 if satisfactory replenishment study report is not submitted."
 - (vi) The Tahasildar Bari has mentioned that the PP has extracted 965 cum of sand from the source as on 29.05.2023 as per the Y-form record.
 - (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by Appvisio Consultancy Services Pvt. Ltd., ORSAC empanel agency with mentioned that 23849 cum of sand replenished in the said sand bed and proposed production for next year is **14310 cum**.
 - (viii) Any deficiencies/omission have been noticed in the above documents-**Nil**
- 2. Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 29.12.2023 and after detailed discussion, the SEAC recommended the proposal with the following views.
- i) The proposal was placed in SEAC meeting held on 2nd, 7th, 8th & 11th Sept, 2023. The SEAC observed that on Replenishment Study-
 - a. Dates of Pre and Post Monsoon Survey are not mentioned.
 - b. Details of benchmarks by putting no. of pillar points and various Ground Control Points at the site not given.
 - c. Details of comparison of both pre and post monsoon elevation data not given.



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- d. As per table 7 of the study (Reserve assessed in the Software) Pre monsoon mineable reserve is 24060 cum and post monsoon mineable reserve is 16842 cum. Also, in another table titled as Comparison of Reserve details -Mineable Reserve in cum after taking all safety measures is 24060 cum in Pre monsoon and 6666.66 cum in post monsoon. Hence there is net loss of sand as per Replenishment study. Therefore, this case is not recommended.
Hence, the SEAC decided to reject the proposal.
- ii) The proposal was placed in the 140th Meeting of SEIAA, Odisha held on 26.10.2023 & 27.10.2023 and after detailed deliberation in the matter, the Authority accepted the recommendation of SEAC that there is net loss of sand as per Replenishment study. Hence, the SEIAA rejecting the Replenishment study Report. The PP is required to submit the revised replenishment study report keeping in view of the observation of SEAC and submit the ARRS report through ORSAC empanelled agency.
- iii) The Tahasildar, Bari vide his letter no. 3730 dt.02.11.2023 has mentioned that only 965cum sand has been extracted against 5000cum sand was allowed in EC letter for the period 04.06.2022 to 31.12.2022 and then the quarry operation is closed from 31.12.2022 due to non – submission of amendment of EC. The PP also mentioned that there was EC condition that the PP shall submit the ARRS report by 15th October 2022 and quarry operated on 04.06.2022 that's why they could not submit satisfied ARRS Report through ORSAC empanelled agency during this year. Also requested one year time for submission of ARRS report through ORSAC empanelled agency.
- iv) The proposal was placed in the 142nd Meeting of SEIAA, Odisha held on 13.11.2023, 14.11.2023 & 15.11.2023, and SEIAA pursue the submission made by the Tahasildar, Bari in their letter dt. 02.11.2023 and observed that the SEAC has concluded that there is net loss of sand as per Replenishment study. In view of this no fresh mining can be allowed at present. The PP may carry out Annual rate of Replenishment Study (ARRS) through ORSAC empanelled agency and submit the report for further consideration by SEAC/SEIAA.
- v) Now, the PP has submitted the revised ARRS study report.
- vi) The proposal was placed in the 147th Meeting of SEIAA, Odisha held on 14.12.2023 & 15.12.2023. After detailed deliberation, the Authority decided that the revised ARRS report may be referred to SEAC for their considered views.
- vii) The SEAC has gone through the revised replenishment study report. The replenished quantity is **14310 cum.**
- viii) **After detailed discussion, the SEAC recommended for grant of EC upto lease period.**

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific stipulation:

- Maximum depth of mining as per replenishment of sand depth and maximum quantity of extraction shall be limited to the quantity as per ARRS report or annual production quantity as per mining plan, whichever is less i.e. **5000 cum/annum** for the rest of the lease period i.e. for the 2nd year, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till the validity of DSR or validity of lease period whichever is earlier.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.03

Proposal No.	SIA/OR/MIN/303155/2023
Date of application	10.08.2023
File no.	SEIAA-1707/06-2021
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Jamunapal & Kumbhirmundi Sand Bed over an area of 12.35 acres or 5.00 hectares in Village Jamunapal & Kumbhirmundi, under Saraskana Tahasil in Mayurbhanj District, Odisha.
Name of the company/Organization	Sri Karttik Chandra Mohanty
Location of Project	Village Jamunapal & Kumbhirmundi, under Saraskana Tahasil in Mayurbhanj District, Odisha
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Jamunapal & Kumbhirmundi Sand Bed over an area of 12.35 acres or 5.00 hectares in Village Jamunapal & Kumbhirmundi, under Saraskana Tahasil in Mayurbhanj District, Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2929/SEIAA dated 28.09.2021 & EC transfer vide letter no. 3689/SEIAA dt. 27.12.2021 for Jamunapal & Kumbhirmundi Sand Bed over an area of 12.35 acres or 5.00 hectares in Village Jamunapal & Kumbhirmundi, under Saraskana Tahasil in Mayurbhanj District, Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 42130 cum with depth of sand deposition was 1.0 meter and proposed for annual extraction-42000 cum.
- (iv) The SEIAA also granted EC for 1st year production 5000 cum with depth of mining 0.5 meter.
- (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 15th December 2022 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 5000 cum of sand from the source as on 15.12.2022
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by M/s Geoid Resources Pvt. Ltd., the ORSAC empanel agency with mentioned that 9067 cum of sand replenished in the said sand bed and proposed production for next year is **9067 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents-**Nil**

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and after detailed discussion, the SEAC recommended the replenishment quantity of **9067 cum/annum** upto lease period

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Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific stipulation:

- Maximum quantity of extraction of sand shall be allowed to **9067 cum per year** for the rest of the lease period i.e. for the 2nd year, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till the validity of DSR or validity of lease period whichever is earlier.

APPROVED BY



Member Secretary, SEIAA



Member, SEIAA



Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.04

Proposal No.	SIA/OR/MIN/307717/2023
Date of application	25.12.2023
File no.	
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Pradhanpali Sand Quarry over an area 8.00Ac or 3.237Hec in Pradhanpali village under Rourkela tahasil of Sundargarh district Odisha
Name of the company/Organization	Sri Balaram Lohar
Location of Project	Pradhanpali village under Rourkela tahasil of Sundargarh district Odisha
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Pradhanpali Sand Quarry over an area 8.00Ac or 3.237Hec in Pradhanpali village under Rourkela tahasil of Sundargarh district Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC Identification No. - EC22B001OR149602 dt31.03.2022 for Pradhanpali Sand Quarry over an area 8.00Ac or 3.237Hec in Pradhanpali village under Rourkela tahasil of Sundargarh district Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 13103 cum with depth of sand deposition was 1.0 meter and proposed for annual extraction-10200 cum.
- (iv) The SEIAA also granted EC for 1st year production 3200 cum with depth of mining 0.5 meter.
- (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 04 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2022 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 3200 cum of sand from the source
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Zinu Sh.Sathua along the ORSAC empanel agency with mentioned that 1350 cum of sand replenished in the said sand bed and proposed production for next year is **1350 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and the SEAC observed that replenishment study has been conducted by Volumetric method. As per the study the mineable reserve is 7080 cum. Hence, 60% of the reserve i.e. **4284 cum** which may be allowed.

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific stipulation:

- Maximum quantity of extraction of sand shall be allowed to **4284 cum per year** for the rest of the lease period i.e. for the 2nd year, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual

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rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.

➤ The EC is valid till the validity of DSR or validity of lease period whichever is earlier.

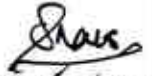
APPROVED BY



Member Secretary, SEIAA



Member, SEIAA



Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.05

Proposal No.	SIA/OR/MIN/307698/2023
Date of application	24.12.2023
File no.	
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Salba Baitarani River Sand Bed over an area Of 12.00 Ac or 4.86 Ha At Village-Salba, Tahasil-Vyasanagar, Dist-Jajpur, Odisha of Sri Rajkishore Mishra
Name of the company/Organization	Sri Rajakishor Mishra
Location of Project	Village-Salba, Tahasil-Vyasanagar, Dist-Jajpur, Odisha Of Sri Rajkishore Mishra
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Salba Baitarani River Sand Bed over an area Of 12.00 Ac or 4.86 Ha At Village-Salba, Tahasil-Vyasanagar, Dist-Jajpur, Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide letter no. 1167/SEIAA dt. 30.03.2021 dt. & EC Amended vide letter no. 4941/SEIAA dt. 26.07.2022 for Salba Baitarani River Sand Bed over an area Of 12.00 Ac or 4.86 Ha At Village-Salba, Tahasil-Vyasanagar, Dist-Jajpur, Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 83652 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-16730 cum.
- (iv) The SEIAA also granted EC for 1st year production 16730 cum with depth of mining 0.5 meter.
- (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 04 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after May 2022 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 3121 cum of sand from the source for the year 2021-22 and 3684 cum for the year 2022-23.
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Satyranjan Mohanty along the ORSAC empanel agency with mentioned that 6235 cum of sand replenished in the said sand bed and proposed production for next year is **6235 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and The SEAC decided that the proposal may be recommended for **6235cum** of sand as per the replenishment study report.



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Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific stipulation:

- Maximum quantity of extraction of sand shall be allowed to **6235 cum per year** for the rest of the lease period i.e. for the 2nd year, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till the validity of DSR or validity of lease period whichever is earlier.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.06

Proposal No.	SIA/OR/MIN/307436/2023
Date of application	22.12.2023
File no.	5326/SEIAA
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Kharasrota River Sand Bed, Bandhamunda over an area of 2.00 ac or 0.80 Ha at Village Bandhamunda, Tahasil Jajpur, District Jajpur, Odisha.
Name of the company/Organization	Sri Subash Sahoo
Location of Project	Village Bandhamunda, Tahasil Jajpur, District Jajpur, Odisha
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Kharasrota River Sand Bed, Bandhamunda over an area of 2.00 ac or 0.80 Ha at Village Bandhamunda, Tahasil Jajpur, District Jajpur, Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide letter no. 9783/SEIAA dt. 26.11.2020 dt.& EC Amended vide letter no. 5326/SEIAA dt. 02.09.2022 for Harasrota River Sand Bed, Bandhamunda over an area of 2.00 ac or 0.80 Ha at Village Bandhamunda, Tahasil Jajpur, District Jajpur, Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 17013 cum with depth of sand deposition was 3.0 meter and proposed for annual extraction-4080 cum.
- (iv) The SEIAA also granted EC for 1st year production 4080 cum with depth of mining 3.0 meter.
- (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2022 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 600 cum of sand from the source for the year 2022-23
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Satyranjan Mohanty along the ORSAC empanel agency with mentioned that 3615 cum of sand replenished in the said sand bed and proposed production for next year is **1205 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and the SEAC decided that the proposal may be recommended for **1205cum** of sand as per the replenishment study report.



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Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific stipulation:

- Maximum quantity of extraction of sand shall be allowed to **1205 cum per year** for the rest of the lease period i.e. for the 2nd year, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till the validity of DSR or validity of lease period whichever is earlier

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

PARIVESH 1.0, AGENDA No.154.07	
Proposal No.	SIA/OR/MIN/307424/2023
Date of application	17.12.2023
File no.	266942/639-MINB2/04-2022
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Katalposi Sand Bed over an area of 2.78 acres or 1.125 hectares in Village Katalposi under Jhumpura Tahasil in Keonjhar District Odisha
Name of the company/Organization	Sri Haladhar Mahanta
Location of Project	Village Katalposi under Jhumpura Tahasil in Keonjhar District Odisha
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Katalposi Sand Bed over an area of 2.78 acres or 1.125 hectares in Village Katalposi under Jhumpura Tahasil in Keonjhar District Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC Identification No. - EC22B001OR119684 dt. 30.07.2022 for Katalposi Sand Bed over an area of 2.78 acres or 1.125 hectares in Village Katalposi under Jhumpura Tahasil in Keonjhar District Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 5796 cum with depth of sand deposition was 0.9 meter and proposed for annual extraction-1500 cum.
- (iv) The SEIAA also granted EC for 1st year production 900 cum with depth of mining 0.45 meter.
- (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 04 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2023 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 691 cum of sand from the source for the 1st year.
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by My World Consultancy Services Pvt Ltd the ORSAC empanel agency with mentioned that 1249 cum of sand replenished in the said sand bed and proposed production for next year is **1249 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and the SEAC decided that the proposal may be recommended for **1249 cum** of sand as per the replenishment study report.



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Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific stipulation:

- Maximum quantity of extraction of sand shall be allowed to **1249 cum per year** for the rest of the lease period i.e. for the 2nd year, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till the validity of DSR or validity of lease period whichever is earlier

APPROVED BY



Member Secretary, SEIAA



Member, SEIAA



Chairman, SEIAA

Minutes of 154th Meeting of SEIAA, Odisha held on 05.02.2024

PARIVESH 1.0, AGENDA No.154.08

Proposal No.	SIA/OR/MIN/307421/2023
Date of application	16.12.2023
File no.	
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Sarabang Sand Quarry over an area 12.355Ac or 5.00Hec in Sarabang village under Nuapada tahasil of Nuapada district Odisha
Name of the company/Organization	Sri Gopal Sahu
Location of Project	Sarabang village under Nuapada tahasil of Nuapada district Odisha
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Sarabang Sand Quarry over an area 12.355Ac or 5.00Hec in Sarabang village under Nuapada tahasil of Nuapada district Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide letter no.2026/SEIAA dt. 05.08.2021 & EC transfer on 07.09.2023 for Sarabang Sand Quarry over an area 12.355Ac or 5.00Hec in Sarabang village under Nuapada tahasil of Nuapada district Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 29538 cum with depth of sand deposition was 0.8 meter and proposed for annual extraction-10000 cum.
- (iv) The SEIAA also granted EC for 1st year production 5000 cum with depth of mining 0.5 meter.
- (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 04 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2023 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 691 cum of sand from the source for the 1st year
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by the RQP Manas Ranjan Mohanta along with the ORSAC empanel agency with mentioned that 4244 cum of sand replenished in the said sand bed and proposed production for next year is **4244 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents-Nil

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and the SEAC decided that the proposal may be recommended for **4244 cum** of sand as per the replenishment study report.

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific stipulation:

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- Maximum quantity of extraction of sand shall be allowed to **4244 cum per year** for the rest of the lease period i.e. for the 2nd year, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till the validity of DSR or validity of lease period whichever is earlier

A handwritten signature in blue ink, appearing to be 'K. Singh', written over a horizontal line.

Member Secretary, SEIAA

APPROVED BY

A handwritten signature in blue ink, appearing to be 'Shy', written over a horizontal line.

Member, SEIAA

A handwritten signature in blue ink, appearing to be 'Sharma', written over a horizontal line.

Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.09	
Proposal No.	SIA/OR/MIN/307393/2023
Date of application	15.12.2023
File no.	271411/760-MINB2/05-2022
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Padmapur Sand Quarry over an area of 12.00 acres or 4.856 hectares in village Padmapur under Champua Tahasil in Keonjhar District Odisha
Name of the company/Organization	Sri Srimanta Tripathy
Location of Project	village Padmapur under Champua Tahasil in Keonjhar District Odisha
ToR Date	N/A
Name of the Consultant	N/A

1. **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.

- (i) This is a proposal for amendment of EC of Padmapur Sand Quarry over an area of 12.00 acres or 4.856 hectares in village Padmapur under Champua Tahasil in Keonjhar District Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC Identification No. - EC22B001OR133111 & EC transfer vide letter no.5308/SEIAA dt. 29.08.2022 for Padmapur Sand Quarry over an area of 12.00 acres or 4.856 hectares in village Padmapur under Champua Tahasil in Keonjhar District Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 52182 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-20000 cum.
- (iv) The SEIAA also granted EC for 1st year production 9600 cum with depth of mining 1.0 meter.
- (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 04 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2023 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 8866 cum of sand from the source for the 1st year
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by Sri Pabitra Kumar Swain,RQP along with the ORSAC empanel agency with mentioned that 3811 cum of sand replenished in the said sand bed and proposed production for next year is **3811 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents-Nil

2. **Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 29.12.2023 and the SEAC decided that the proposal may be recommended for **3811 cum** of sand as per the replenishment study report.

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific stipulation:

- Maximum quantity of extraction of sand shall be allowed to **3811 cum per year** for the rest of the lease period i.e. for the 2nd year, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual

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rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.

- The EC is valid till the validity of DSR or validity of lease period whichever is earlier

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.10

Proposal No.	SIA/OR/MIN/307362/2023
Date of application	14.12.2023
File no.	SEIAA-434/08-2020
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Adipur Sand Quarry Guadmuna Ghat over an area of 12.35 acres or 5.00 hectares in village Adipur under Sukruli Tahasil in Mayurbhanj District Odisha.
Name of the company/Organization	Sri Satya Mohanta
Location of Project	village Adipur under Sukruli Tahasil in Mayurbhanj District Odisha.
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Adipur Sand Quarry Guadmuna Ghat over an area of 12.35 acres or 5.00 hectares in village Adipur under Sukruli Tahasil in Mayurbhanj District Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC Identification No. - EC22B001OR133111 & Extension of validity of EC issued vide letter no. 4860/SEIAA dt. 13.07.2022 and EC transfer vide letter no.5104/SEIAA dt. 12.08.2022 for Adipur Sand Quarry Guadmuna Ghat over an area of 12.35 acres or 5.00 hectares in village Adipur under Sukruli Tahasil in Mayurbhanj District Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 61052 cum with depth of sand deposition was 1.5 meter and proposed for annual extraction-12210 cum.
- (iv) The SEIAA also granted EC for 1st year production 12210 cum with depth of mining 1.5 meter.
- (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 04 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2021 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 9402 cum of sand from the source for the 1st year
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by Sri Pabitra Kumar Swain,RQP along with the ORSAC empanel agency with mentioned that 5156 cum of sand replenished in the said sand bed and proposed production for next year is **3811 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and the SEAC observed that there are 4 patches of sand filled areas in the total lease area. Out of 4 patches replenishment study conducted on one patch shows erosion.

The SEAC decided that the proposal may be recommended for Mod EC for **5156 cum** of sand subjected to the PP shall not mine on that patch of area which showed erosion.

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Decision of Authority: Approved

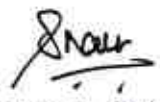
After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific stipulation:

- Maximum quantity of extraction of sand shall be allowed to **5156 cum per year** for the rest of the lease period i.e. for the 2nd year, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till the validity of DSR or validity of lease period whichever is earlier


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.11

Proposal No.	SIA/OR/MIN/306773/2023
Date of application	28.11.2023
File no.	241856/93-MINB2/12-2021
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Champrei River Sand Bed over an area of 12.30 acres or 4.977 hectares in Village Champrei, under Rairangpur Tahasil in Mayurbhanj District, Odisha.
Name of the company/Organization	Sri Tapas Das
Location of Project	Village Champrei, under Rairangpur Tahasil in Mayurbhanj District, Odisha.
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Champrei River Sand Bed over an area of 12.30 acres or 4.977 hectares in Village Champrei, under Rairangpur Tahasil in Mayurbhanj District, Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC Identification No. - EC Identification No. - EC22B001OR110871 dt. 01.02.2022 & EC transfer vide letter no.4553/SEIAA dt. 29.05.2022 for Champrei River Sand Bed over an area of 12.30 acres or 4.977 hectares in Village Champrei, under Rairangpur Tahasil in Mayurbhanj District, Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 40570 cum with depth of sand deposition was 1.2 meter and proposed for annual extraction-35000 cum.
- (iv) The SEIAA also granted EC for 1st year production 6000 cum with depth of mining 0.6 meter.
- (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 04 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2022 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 1500 cum of sand from the source for the 1st year
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by GEOIMAGE SYSTEMS (P) LTD, the ORSAC empanel agency with mentioned that 288 cum of sand replenished in the said sand bed and proposed production for next year is **288 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and The SEAC observed the following:

- a) kml file shows very less sand deposit.
- b) Post monsoon erosion is there. River width increases so common mineable area decreases.
- c) Based on erosion data and contour figures which shows very less sand deposit, Modification of EC is not recommended.

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Decision of Authority: Rejected

After detailed deliberation in the matter, the Authority decided to reject the amendment of EC as per the SEAC recommendation with the following views:

- a) kml file shows very less sand deposit.
- b) Post monsoon erosion is there. River width increases so common mineable area decreases.
- c) Based on erosion data and contour figures which shows very less sand deposit, **Modification of EC is not recommended.**

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.12

Proposal No.	SIA/OR/MIN/306740/2023
Date of application	12.12.2023
File no.	5398/SEIAA
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Maninathpur River Sand Bed over an area of 12.35 Ac or 4.99 Ha at village Maninathpur, Tahsil Bhandaripokhari, Dist Bhadrak
Name of the company/Organization	SRM Global Infraa Limited
Location of Project	village Maninathpur, Tahsil Bhandaripokhari, Dist Bhadrak
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Maninathpur River Sand Bed over an area of 12.35 Ac or 4.99 Ha at village Maninathpur, Tahsil Bhandaripokhari, Dist Bhadrak.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide letter no.9350/SEIAA dt. 27.10.2020 & EC Amended vide letter no. 5398/SEIAA dt. 02.09.2022 for Maninathpur River Sand Bed over an area of 12.35 Ac or 4.99 Ha at village Maninathpur, Tahsil Bhandaripokhari, Dist Bhadrak.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 215615 cum with depth of sand deposition was 5.0 meter and proposed for annual extraction-80000 cum.
- (iv) The SEIAA also granted EC for 1st year production 48000 cum with depth of mining 3.0 meter.
- (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2021 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 9960 cum of sand from the source for the period 01.11.2022 to 30.11.2023
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP, Sri Satyanjan Mohanty and the ORSAC empanel agency with mentioned that 25221 cum of sand replenished in the said sand bed and proposed production for next year is **8407 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents-Nil

2) Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and after detailed discussion, the SEAC decided to recommend the proposal as per replenishment quantity i.e. **8407cum** volume of sand as mentioned in the Replenishment Study Report.

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific stipulation:

- Maximum quantity of extraction of sand shall be allowed to **8407 cum per year** for the rest of the lease period i.e. for the 2nd year, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual

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rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.

- The EC is valid till the validity of DSR or validity of lease period whichever is earlier

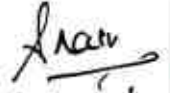
APPROVED BY



Member Secretary, SEIAA



Member, SEIAA



Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.13

Proposal No.	SIA/OR/MIN/306730/2023
Date of application	10.12.2023
File no.	5388/SEIAA
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Brahmani River Sand Bed, Mirzapursamilbaudeipur over an area of 11.50 Acor 4.65 Ha at village Mirzapursamilbasudeipur, Tahasil Dharmasala Dist Jajpur
Name of the company/Organization	Sri Trilochan Rout
Location of Project	village Mirzapursamilbasudeipur, Tahasil Dharmasala Dist Jajpur
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Brahmani River Sand Bed, Mirzapursamilbaudeipur over an area of 11.50 Acor 4.65 Ha at village Mirzapursamilbasudeipur, Tahasil Dharmasala Dist Jajpur.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide letter no.784/SEIAA dt. 09.03.2021 & EC Amended vide letter no. 5388/SEIAA dt. 02.09.2022 for Brahmani River Sand Bed, Mirzapursamilbaudeipur over an area of 11.50 Acor 4.65 Ha at village Mirzapursamilbasudeipur, Tahasil Dharmasala Dist Jajpur.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 91661 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-18330 cum.
- (iv) The SEIAA also granted EC for 1st year production 18330 cum with depth of mining 2.0 meter.
- (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2021 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 4838 cum of sand from the source for the period 2022-23
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP, Sri Satyranjan Mohanty and the ORSAC empanel agency with mentioned that 12002 cum of sand replenished in the said sand bed and proposed production for next year is **12002 cum.**
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and the SEAC observed the following:

- a) The elevation of contours in pre-monsoon and post-monsoon survey not visible for comparison.
- b) In the surface geological map shown soil mixed sand (sandy soil), vegetation in lease area. The sand safe mining area output may be calculated leaving the areas accurately.
- c) The elevation of contours in pre-monsoon and post-monsoon survey not visible for comparison.

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- d) RSR shows erosion in post monsoon in lease area as volume in pre monsoon is more and post monsoon as less. Pre and post 9410 and 5758 cum respectively in Page-52
- e) Post monsoon survey area shown mostly submerged and the uav method of survey cannot accurately access the level of sand below water.

SEAC Recommendation:

- a) PP to explain the erosion in post monsoon data and replenishment calculated.
- b) NABL approved lab report is required for usefulness of the recorded sand mixed with soil category as proper sand and the useful material volume available may be computed accordingly.
- c) As such the sand replenishment study report indicating erosion in the mines are past post monsoon could not be accepted for grant of Modification of EC.

Decision of Authority: Rejected

After detailed deliberation in the matter, the Authority decided to reject the amendment of EC as per the SEAC recommendation with the following views:

- a) PP needs to explain the erosion in post monsoon data and the quantity of replenishment calculated.
- b) NABL approved lab report is required for usefulness of the recorded sand mixed with soil category as proper sand and the useful material volume available may be computed accordingly.
- c) Replenishment study report shows erosion in post monsoon in lease area as volume in pre monsoon is more and post monsoon as less. Pre and post 9410 and 5758 cum respectively in Page-52

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.14

Proposal No.	SIA/OR/MIN/306727/2023
Date of application	03.12.2023
File no.	5322/SEIAA
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Kharasrota River Sand Bed, Kalaspur over an area of 2.00 Acres or 0.80 Ha at village Kalaspur, Tahasil Jajpur Dist Jajpur
Name of the company/Organization	Sri Pradeep Samal
Location of Project	village Kalaspur, Tahasil Jajpur Dist Jajpur
ToR Date	N/A
Name of the Consultant	N/A


1. 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.

- (i) This is a proposal for amendment of EC of Kharasrota River Sand Bed, Kalaspur over an area of 2.00 Acres or 0.80 Ha at village Kalaspur, Tahasil Jajpur Dist Jajpur.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide letter no.5191/SEIAA dt. 15.02.2021 & EC Amended vide letter no. 5322/SEIAA dt. 02.09.2022 for Kharasrota River Sand Bed, Kalaspur over an area of 2.00 Acres or 0.80 Ha at village Kalaspur, Tahasil Jajpur Dist Jajpur.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 21924 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-4384 cum.
- (iv) The SEIAA also granted EC for 1st year production 18330 cum with depth of mining 2.0 meter.
- (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after May 2022 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 3150 cum of sand from the source for the period 2022-23
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP, Sri Satyanjan Mohanty and the ORSAC empanel agency with mentioned that 5519 cum of sand replenished in the said sand bed and proposed production for next year is **3311 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and the SEAC observed the following:

- a) Area-2Ac
- b) In the surface geological map shown soil mixed sand (sandy soil) in patches in lease area. (land use map of lease area)
- c) The elevation of contours in pre-monsoon and post monsoon survey not visible for comparison.
- d) Page 26 of RSR shows erosion in post monsoon in lease area as volume in pre monsoon is 1711cum and post monsoon as 309cum.

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- 
- e) Post monsoon survey area shown mostly submerged and the uav method of survey cannot accurately access the level of sand below water.
 - f) The mining is within 200m of village area adjacent to river and the sand mound acts as safety barrier against flood land slide hazard to the human habitat.
 - g) Average thickness reported as 0.414m. as replenishment. With safety barrier the safe working zone may not yield the volume recommended.

SEAC Recommendation:

- i) PP to consider the effect of sand removal on the village side bank stability during flood and furnish the report.
- ii) NABL approved lab report is required for usefulness of the recorded sand mixed with soil category as proper sand and the useful material volume available may be computed accordingly.
- iii) PP to explain the erosion in post monsoon data and replenishment calculated.
- iv) As such the sand replenishment study report indicating erosion in the mines which could not be accepted for grant of Modification of EC.PP to explain the erosion in post monsoon data and replenishment calculated.

Decision of Authority: Rejected

After detailed deliberation in the matter, the Authority decided to reject the amendment of EC as per the recommendation of SEAC with the following view

- a) The mining is within 200m of village area adjacent to river and the sand mound which acts as safety barrier against flood and land slide hazard to the human habitat.
- b) NABL approved lab report is required for usefulness of the recorded sand mixed with soil category as proper sand and the useful material volume available may be computed accordingly.
- c) PP needs to explain the erosion in post monsoon data and replenishment calculated.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.15

Proposal No.	SIA/OR/MIN/306723/2023
Date of application	03.12.2023
File no.	5320/SEIAA
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Brahamani River Sand Bed , Kakudikuda over an area of 2.00 Ac or 0.80 ha at village Kakudikuda,jajpur tahasil,Dist-jajpur
Name of the company/Organization	Sri Pradeep Samal
Location of Project	Kakudikuda over an area of 2.00 Ac or 0.80 ha at village Kakudikuda,jajpur tahasil,Dist-jajpur
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Brahamani River Sand Bed , Kakudikuda over an area of 2.00 Ac or 0.80 ha at village Kakudikuda,jajpur tahasil,Dist-jajpur.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide letter no.9787/SEIAA dt. 26.11.2020 & EC Amended vide letter no. 5320/SEIAA dt. 02.09.2022 for Brahamani River Sand Bed, Kakudikuda over an area of 2.00 Ac or 0.80 ha at village Kakudikuda,jajpur tahasil,Dist-jajpur.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 12000 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-4320 cum.
- (iv) The SEIAA also granted EC for 1st year production 4320 cum with depth of mining 2.0 meter.
- (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after May 2022 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 3150 cum of sand from the source for the period 2022-23
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP, Sri Satyanjan Mohanty and the ORSAC empanel agency with mentioned that 2118 cum of sand replenished in the said sand bed and proposed production for next year is **706 cum.**
- (viii) Any deficiencies/omission have been noticed in the above documents-**Nil**

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and the SEAC observed the following:

The SEAC observed the following:

- a) The elevation of contours in pre-monsoon and post-monsoon survey not visible for comparison.
- b) In the surface geological map shown soil mixed sand (sandy soil), vegetation and cropland in lease area. The sand safe mining area output may be calculated leaving the areas accurately.
- c) The elevation of contours in pre-monsoon and post-monsoon survey not visible for comparison.

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- d) RSR shows erosion in post monsoon in lease area as volume in pre monsoon is more and post monsoon as less. Pre and post 680 and 200 cum respectively in Page-22.

SEAC Recommendation:

- a) PP to explain the erosion in post monsoon data and replenishment calculated.
b) NABL approved lab report is required for usefulness of the recorded sand mixed with soil category as proper sand and the useful material volume available may be computed accordingly.
c) As such the sand replenishment study report indicating erosion in the mines are past post monsoon could not be accepted for grant of Modification of EC.

Decision of Authority: Rejected

After detailed deliberation in the matter, the Authority decided to reject the amendment of EC as per the SEAC recommendation with the following views:

- a) PP needs to explain the erosion in post monsoon data and replenishment calculated.
b) NABL approved lab report is required for usefulness of the recorded sand mixed with soil category as proper sand and the useful material volume available may be computed accordingly.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.16	
Proposal No.	SIA/OR/MIN/306717/2023
Date of application	03.12.2023
File no.	5328/SEIAA
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Khrasrota River sand bed , Badasuara over an area of 2.60 acres or 1.05 ha. at village -Badasuara , Tahasil Jajpur, Dist- Jajpur, Odisha
Name of the company/Organization	Sri Jyoti Nayak
Location of Project	village -Badasuara , Tahasil Jajpur, Dist- Jajpur, Odisha
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Khrasrota River sand bed , Badasuara over an area of 2.60 acres or 1.05 ha. at village -Badasuara , Tahasil Jajpur, Dist- Jajpur, Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide letter no.1124/SEIAA dt. 30.03.2021 & EC Amended vide letter no. 5328/SEIAA dt. 02.09.2022 for Khrasrota River sand bed , Badasuara over an area of 2.60 acres or 1.05 ha. at village -Badasuara , Tahasil Jajpur, Dist- Jajpur, Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 13680 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-2736 cum.
- (iv) The SEIAA also granted EC for 1st year production 2736 cum with depth of mining 2.0 meter.
- (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after May 2022 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 1187 cum of sand from the source for the period 2022-23
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP, Sri Satyanjan Mohanty and the ORSAC empanel agency with mentioned that 1028 cum of sand replenished in the said sand bed and proposed production for next year is **1028 cum.**
- (viii) Any deficiencies/omission have been noticed in the above documents-Nil

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and the SEAC observed the following:

- a) The co-ordinates provided in the report is not at Badasuara village as examined. PP to submit exact co-ordinate with KML file for scrutiny.
- b) RSR shows erosion in post monsoon in lease area as volume in pre monsoon is more and post monsoon as less. Pre and post 1953 and 341 cum respectively in Page-29
- c) The elevation of contours in pre-monsoon and post-monsoon survey not visible for comparison.
- d) In the surface geological map shown soil mixed sand (sandy soil) in patches in lease area

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SEAC Recommendation:

- a) PP need to explain the erosion in post monsoon data and replenishment calculated.

NABL approved lab report is required for usefulness of the recorded sand mixed with soil category as proper sand and the useful material volume available may be computed accordingly.

- a) As such the sand replenishment study report indicating erosion in the mines are past post monsoon could not be accepted for grant of Modification of EC.

Decision of Authority: Rejected

After detailed deliberation in the matter, the Authority decided to reject the amendment of EC as per the SEAC recommendation with the following views:

- a) PP needs to explain the erosion in post monsoon data and replenishment calculated.
b) NABL approved lab report is required for usefulness of the recorded sand mixed with soil category as proper sand and the useful material volume available may be computed accordingly.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.17

Proposal No.	SIA/OR/MIN/306399/2023
Date of application	03.12.2023
File no.	SIA/OR/MIN/256354/2022
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Brahmapura River Sand Quarry over an area of 12.35 acres or 5.00 hectares in village Brahmapura under Narasinghpur Tahasil in Cuttack District Odisha.
Name of the company/Organization	Sri RANJAN PATTANAİK
Location of Project	village Brahmapura under Narasinghpur Tahasil in Cuttack District Odisha
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Brahmapura River Sand Quarry over an area of 12.35 acres or 5.00 hectares in village Brahmapura under Narasinghpur Tahasil in Cuttack District Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide letter no.974/SEIAA dt. 24.03.2021 & EC Amended vide letter no. 5328/SEIAA dt. 02.09.2022 for Brahmapura River Sand Quarry over an area of 12.35 acres or 5.00 hectares in village Brahmapura under Narasinghpur Tahasil in Cuttack District Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 50080 cum with depth of sand deposition was 1.6 meter and proposed for annual extraction-50080 cum.
- (iv) The SEIAA also granted EC for 1st year production 50080 cum with depth of mining 1.6 meter.
- (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after May 2022 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 1187 cum of sand from the source for the period 2022-23
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by MY WORLD CONSULTANCY SERVICES PVT. LTD. the ORSAC empanel agency with mentioned that 44493 cum of sand replenished in the said sand bed and proposed production for next year is **103441 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and the SEAC recommended the proposal with opinion that Replenishment study report is satisfactory. 60% of the replenished sand volume (44,493 cum) in the safe workable area that is **26,700 cum** riverbed sand to be mined may be permitted.

- a) After detailed discussion, the SEAC decided to recommend the proposal as per replenishment quantity subjected to modification of Mining Plan.

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Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific stipulation:

- Maximum quantity of extraction of sand shall be allowed to **26,700 cum per year** for the rest of the lease period i.e. for the 2nd year, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till the validity of DSR or validity of lease period whichever is earlier

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.18

Proposal No.	SIA/OR/MIN/305633/2023
Date of application	08.11.2023
File no.	237461/51-MINB2/11-2021
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Upper Kaipada Sand Quarry over an area of 10.45 acres or 4.229 Ha at Village- Upper Kaipada, Tahasil- Bari, District- Jajpur.
Name of the company/Organization	Sri Prvat Ray
Location of Project	Village- Upper Kaipada, Tahasil- Bari, District- Jajpur
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Upper Kaipada Sand Quarry over an area of 10.45 acres or 4.229 Ha at Village- Upper Kaipada, Tahasil- Bari, District- Jajpur.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide Ec identification No. Ec22B001OR133931 dt. 25.01.2022 & EC Amended vide letter no. 5328/SEIAA dt. 02.09.2022 for Upper Kaipada Sand Quarry over an area of 10.45 acres or 4.229 Ha at Village- Upper Kaipada, Tahasil- Bari, District- Jajpur.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 50000 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-6000 cum.
- (iv) The SEIAA also granted EC for 1st year production 6000 cum.
- (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after Novemebr 2022 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 1624 cum of sand from the source for the period 2022-23
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by M/s ECO Green Solution with mentioned that 3725 cum of sand replenished in the said sand bed and proposed production for next year is **3725 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and after detailed discussion, the SEAC decided to recommend the proposal as per replenishment quantity i.e. max **3725.28cum** volume of sand as mentioned in the Replenishment Study Report.

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific stipulation:

- Maximum quantity of extraction of sand shall be allowed to **3725 cum per year** for the rest of the lease period i.e. for the 2nd year, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual

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rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.

➤ The EC is valid till the validity of DSR or validity of lease period whichever is earlier.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.19

Proposal No.	SIA/OR/MIN/301404/2023
Date of application	10.11.2023
File no.	SIA/OR/MIN/50636/2020
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Sidhua River Jaripada Sand Quarry over An Area 25.00 Acres Or 10.11 Ha Village Jaripada Under Cuttack Sadar Tahasil Cuttack District Odisha
Name of the company/Organization	Sri Prana Nayak
Location of Project	Village Jaripada Under Cuttack Sadar Tahasil Cuttack District Odisha
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Sidhua River Jaripada Sand Quarry over An Area 25.00 Acres Or 10.11 Ha Village Jaripada Under Cuttack Sadar Tahasil Cuttack District Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide Ec identification No. Ec22B001OR189302 dt. 03.06.2022 for Sidhua River Jaripada Sand Quarry over An Area 25.00 Acres Or 10.11 Ha Village Jaripada Under Cuttack Sadar Tahasil Cuttack District Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 168018 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-140220 cum.
- (iv) The SEIAA also granted EC for 1st year production 20000 cum with depth of mining 1.0 meter.
- (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2022 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 20000 cum of sand from the source in 1st year.
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Sri Bipin Bihari Khandaul with mentioned that 25916 cum of sand replenished in the said sand bed and proposed production for next year is **15000 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and after detailed discussion, the SEAC decided that the Replenishment study is not satisfactory inter alia has following deficiencies-

1. Only one benchmark taken
2. Sampling is not as per guidelines of MoEF.
3. The levels of the corner points of each grid not taken.

Hence it is not accepted

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Decision of Authority: Rejected

After detailed deliberation in the matter, the Authority decided to reject the amendment of EC as per the SEAC recommendation with the following views:

- a) Only one benchmark taken
- b) Sampling is not as per guidelines of MoEF.
- c) The levels of the corner points of each grid not taken.

Hence, the proposal is not accepted.

APPROVED BY



Member Secretary, SEIAA



Member, SEIAA



Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.20	
Proposal No.	SIA/OR/MIN/301313/2023
Date of application	10.11.2023
File no.	SIA/OR/MIN/300781/2023
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Kathajodi River Sand Subarnapur Sand Quarry Over An Area 8.30 Ha Or 20.500 Ac In Village Subarnapur Under Cuttack Sadar Tahasil Cuttack District Odisha.
Name of the company/Organization	Sri Ravi Singh
Location of Project	Village Subarnapur Under Cuttack Sadar Tahasil Cuttack District Odisha.
ToR Date	N/A
Name of the Consultant	N/A

1. 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.

- (i) This is a proposal for amendment of EC of Kathajodi River Sand Subarnapur Sand Quarry Over An Area 8.30 Ha Or 20.500 Ac In Village Subarnapur Under Cuttack Sadar Tahasil Cuttack District Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide Ec identification No. Ec22B001OR173835 dt. 03.06.2022 & EC transfer on 05.06.2023 for Kathajodi River Sand Subarnapur Sand Quarry Over An Area 8.30 Ha Or 20.500 Ac In Village Subarnapur Under Cuttack Sadar Tahasil Cuttack District Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 58329 cum with depth of sand deposition was 0.6 meter and proposed for annual extraction-7000 cum.
- (iv) The SEIAA also granted EC for 1st year production 3200 cum with depth of mining 0.3 meter.
- (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2022 if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 6260 cum of sand from the source for the year 2022-23
- (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Sri Bipin Bihari Khandaul with mentioned that 13675 cum of sand replenished in the said sand bed and proposed production for next year is **8000 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and The SEAC observed the following:

- a) In approved mining plan capacity mentioned 15000cum, in Transfer EC letter it is mention SEIAA permitted for 32000cum.
- b) In application form, CTE, CTO and EC compliance report it is mentioned 6640cum/annum for 1st year.
- c) SEIAA may look into the discrepancy in the figures as detailed above.
- d) The Replenishment study is not satisfactory inter alia has following deficiencies-

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1. No benchmarking and Ground Control Points
2. Sampling is not as per guidelines of MoEF.
3. The levels of the corner points of each grid not taken.

Hence it is not accepted.

Decision of Authority: Rejected

After detailed deliberation in the matter, the Authority decided to reject the amendment of EC as per the SEAC recommendation with the following views:

The Replenishment study is not satisfactory inter alia has following deficiencies-

- i) No benchmarking and Ground Control Points
- ii) Sampling is not as per guidelines of MoEF.
- iii) The levels of the corner points of each grid not taken.

Hence, the proposal is not accepted.

APPROVED BY

Member Secretary, SEIAA

Member, SEIAA

Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.21	
Proposal No.	SIA/OR/MIN/299504/2023
Date of application	24.06.2023
File no.	237288/59MINB-2/11-2021
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Badakamar Sand Quarry of 2.084 Ha of k.no-246 and p.no-982 village-badakamar, tahasil-Parjang, Dist-Dhenkanal of lesse-sri Sarat Kumar Mishra
Name of the company/Organization	Sri Sarat Mishra
Location of Project	village-badakamar, tahasil-Parjang, Dist-Dhenkanal
ToR Date	N/A
Name of the Consultant	N/A

- 1. 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.
- (i) This is a proposal for amendment of EC of Badakamar Sand Quarry of 2.084 Ha of k.no-246 and p.no-982 village-badakamar, tahasil-Parjang, Dist-Dhenkanal.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC identification No. EC22B001OR184868 dt. 25.01.2022 & EC transfer vide letter no. 4046/SEIAA dt. 22.02.2022 for Badakamar Sand Quarry of 2.084 Ha of k.no-246 and p.no-982 village-badakamar, tahasil-Parjang, Dist-Dhenkanal.
 - (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 35203 cum with depth of sand deposition was 2.5 meter and proposed for annual extraction-12000 cum.
 - (iv) The SEIAA also granted EC for 1st year production 5000 cum.
 - (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2022 if satisfactory replenishment study report is not submitted."
 - (vi) The PP has extracted 6260 cum of sand from the source for the year 2022-23
 - (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Sri Sunil Madhab Patra with mentioned that 13675 cum of sand replenished in the said sand bed and proposed production for next year is **5000 cum**.
 - (viii) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – The proposal was placed in SEAC meeting held on 29.12.2023 and The SEAC observed that Replenishment study is satisfactory. Replenished volume of sand is estimated to be **4231 cum** less than the permitted volume of 5000cum. Hence, the proposal recommended for sand excavation as per the replenishment quantity.

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Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific stipulation:

- Maximum quantity of extraction of sand shall be allowed to **4231 cum per year** for the rest of the lease period i.e. for the 2nd year, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till the validity of DSR or validity of lease period whichever is earlier

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.154.22

Proposal No.	SIA/OR/MIN/ 63540/2021
Date of application	25.01.2023
File no.	63540/791-MINB1/02-2023
Project Type	New proposal for EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for EC of Santhapada Sand Quarry- A (River-Brahamani) over an area of 36.00 acres or 14.56 Ha (under cluster approach) for production of 24,882 cum/year of sand at Village-Santhapada, Tehsil-Talcher, District-Angul, State – Odisha.
Name of the company/Organization	Sheranwali Infrastructure Private Limited Sri Abhimanyu Behera, Managing Director At- Jagannath Colony, Po- South Balanda, Ps/Tahsil- Talcher Sadar, Talcher Sadar, Anugul, Orissa-759116
Location of Project	Village-Santhapada, Tehsil-Talcher, District-Angul, State – Odisha
ToR Date	26.07.2021
Name of the Consultant	M/s. P & M Solution

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. This proposal is for environmental clearance for Santhapada Sand Quarry – A (under cluster approach) is a sand mining project over an area of 36.00acres/ 14.56 Ha. located in village - Santhapada, Tahasil - Talcher in District – Angul of Sri Abhimanyu Behera.
2. **Category:** The project is categorized in Category-B item 1(a) - Mining of Minerals in the EIA notification, 2006 and its subsequent amendments.
3. The Mining plan has been approved by the Joint Director of Geology, Zonal Survey, Dhenkanal. Vide letter no – 662, on dated 01.06. 2020 for a period of five years.
4. Santhapada Sand Quarry – A mining lease is over an area of 18.00acres/ 7.28Ha granted by Tahasildar, Talcher, Angul and has been leased out to the successful bidder Sri Abhimanyu Behera (Managing Director) M/s Sheranwali Infrastructure Pvt. Ltd., At-Jagannath Colony, PO/PS-South Balanda, Dist – Angul.
5. There is another sand quarry in cluster i.e. Santhapada Sand Quarry – B, over an area of 18.00acres/ 7.28Ha. which is an operating mine (EC has been granted) and located within 500 meters of Santhapada Sand Quarry – A which had been granted to Sri. Gagan Mohanty, resident of Talcher, Dist – Angul, Odisha
6. **Public hearing details:** Public hearing was successfully executed on date 24.06.2022 at 11:00 AM, as per the guidelines given in EIA Notification 14th September* 2006 and its subsequent amendment. Issues raised in Public Hearing are water pollution, decrease in ground water table, traffic congestions due to sand transport, affecting fish cultivation, river bank/soil erosion and subsequent effect on plantation, air pollution, adequate plantation to be done, obstruction in river flow pattern, local employment and development activities, pollution control measure and assistance to nearby villages. Budget allocated for CER is 1,20,000/-

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7. **TOR details:** TOR has been granted by SEIAA- Odisha prescribed the Reference No: 1796/SEIAA dated 26th July, 2021
8. **Location and connectivity:** The mine lease area is located in village – Santhapada, Tehasil– Talcher, District – Angul, Odisha is on Khata no- 480, Khasra no. 4198 of Kسام 'Nadi' covered in the Survey of India Topo Sheet No – 731/5 and is bounded between the Latitude - 20° 54'45.1" N to 20° 54' 53.7" N & Longitude – 85° 14' 02.8" E to 85° 14' 20.6" E. Nearest Railway Station is Talcher Thermal Railway Station, approx. 4.2 km, SW direction. Nearest Airport is Biju Patnaik International Airport, approx 96 km towards SE direction. Nearest Highway is NH-200, approx 0.5 km in North direction. NH-23 is approx 1.5 km in West direction. Nearest Road bridge is Approx. 0.51km from mining lease.
9. **Topography and drainage:** Topographically the district can be divided in to three natural tracks. First is a chain of hills running along the northeastern boundary of the district covering Pallahara. Another chain of hills runs along with south-west boundary covering Athamallik and Angul. The third natural division is a valley of river Brahmani running along with boundary of Talcher through Kaniha touching Pallahara. The agriculture in the district is primarily rain fed because of inadequate irrigation facility. Area irrigated through all sources is only 31% during kharif season and 21% during rabi season as per the available data. The district has 216403 Ha of cultivable land.
10. **Replenishment report:** Based on the replenishment study, both the sections (pre-monsoon and post-monsoon) volumes had been calculated and found that estimated amount of sand deposited is 86400 cum in addition to the previous minable reserve is 124416 + 86400 = 210816 cum of this year. During the operation the mRL level has increased from 60.00 to 61.25 at the 1st replenishment study. However, Replenishment depends upon the above-mentioned natural parameters, which may vary time to time. However, Approved Annual Production Capacity = 24882 m³ as per approved mining plan.
11. **Reserves and production:** The average production is proposed to be 24,882 cum/year (34,834.8 TPA) and 1,24,410 cum is the total production during the 5 years plan period. The total geological reserve of the proposed quarry is 218400 cum and extractable mineable reserve is 124416 cum.
12. **Mining method:** Mining will be done by semi mechanized method without adoption of drilling & blasting. Since the depth of sand deposit is 1m, excavator, handpicks, spade, hand shovel will be used by labourers for extracting & loading of sand. The proposed mined out areas will gradually get filled up by river sands transported with water from upstream direction. Quarry floor level (RL) of Santhapada Sand Quarry – A at present is 67m and at the end of the lease period will be 65.5m RL and & 53.0m RL of Santhapada Sand Quarry –B.
13. **Water requirement:** The total water requirement will be around 3 KLD. This water will be supplied from the nearby area.

Activity	Calculation	Round off Figure in KLD
Drinking	@ 10 LPCD per labor 10*31/1000= 0.31KLD	0.31
Dust Suppression	Total approach road to be water sprinkled = 150 m 150 m*6m*0.5 *2 times/1000 = 0.90 KLD	0.90
Plantation	750 plants @ 2 L/per plant= 750*2 Lts= 1500/1000= 1.50 KLD	1.50

Total

2.71 ~ 3.0

14. **Baseline study:** 24 hr hourly monitoring was carried out for SO₂, NO_x, PM_{2.5} & PM₁₀. Summarized project site meteorological data for post-monsoon twice a week at each station for a study period of 3 months (December-2020 to Feb - 2021) was taken. The Ambient Air Quality Monitoring reveals that of monitoring stations with minimum Concentrations of PM₁₀ were 58.60 µg/m³ and maximum 90.25 µg/m³.
- a) The result of PM_{2.5} reveals that the minimum concentration of 23.97 µg/m³ while maximum concentration of 55.5 µg/m³. The gaseous pollutants SO₂ and NO_x were within the prescribed CPCB limit of 80 µg/m³. For residential and rural areas at all stations. The minimum & maximum concentrations of SO₂ were found to be 5.91 µg/m³ & 15.03 µg/m³ respectively. The minimum & maximum concentrations of NO_x were found to be 10.62 µg/m³ at AQ2 & 24.51 µg/m³ at AQ4.
- b) Ground water pH varies from 7.19 at GW1 to 7.62 at GW6. Total Hardness varies from 263.3 mg/l at GW1 to 317.37 mg/l at GW5. Total Dissolved Solids vary from 335 mg/l at GW5 to 364 mg/l at GW3.
- c) Surface water analysis results indicate that the pH ranges from 7.92 to 8.19. Dissolved Oxygen (DO) was observed in the range of 226 to 294 mg/l, BOD values were observed to be in the range of 3.8 to 4.1 mg/l. COD values were observed to be in the range of 14 to 16.72 mg/l.
- d) Samples collected from identified locations indicate the soil is sandy type and the pH value ranging from 6.71 to 7.52, which shows that the soil is alkaline in nature. Potassium is found to be from 68.85 mg/kg to 81.13 mg/kg. The water holding capacity is found in between 28.82 % to 32.90 %.
- e) Noise monitoring reveals that the minimum & maximum noise levels at daytime were recorded as 48.26 Leq. dB (A) at NQ7 & 64.15 Leq. dB (A) at NQ1, respectively. The minimum & maximum noise levels at night-time were found to be 37.55 dB (A) at NQ5 & 52.44 dB (A) at NQ1.
15. **Greenbelt:** 150 number of saplings proposed during plan period will be planted. Plantation shall be done with suitable local species like Teak, Mango, Neem, Jammu, Jhaun etc. per year. Plantation can also be done along the approach road during the plan period.

Year	No. of Plants	Species
1st	150	Teak, Mango, jammu, jhaun, neem etc
2nd	150	
3rd	150	
4th	150	
5th	150	
Total	750	

16. **Manpower requirement:** A total of 38 nos. of manpower are to be employed in the lease area for mining 24,882 cum/year of sand. Indirect employment through creation of shops/ stalls, hired vehicles, etc. also can be generated to full fill the day-to-day requirements of the mining personnel.
17. **Project cost:** The estimated project cost for Santhapada Sand Quarry A is Rs 60 Lakhs. Capital cost of EMP is Rs. 187500 Lakhs and recurring cost is Rs. 429000. Budget allocated for CER is Rs.1,20,000/-, Budget for onsite shelter and Facilities for Mine Workers – Rs.140000 as capital cost and Rs.50000 as recurring cost. Budget for Occupational Health is Rs. 2,00,000.

18. Budget for Environment Protection for Santhapada Sand Quarry – A & B (For Cluster)

Sl. No.	Measures	Capital Cost (In Rs.)	Recurring Cost (In Rs.)
1.	Pollution Control Dust Suppression /Water Sprinkling	--	3,00,000
2.	Pollution Monitoring i) Air pollution ii) Water pollution iii) Soil Pollution iv) Noise Pollution	--	56,000 (8 samples) 32,000 (4 GW & 4 SW) 16,000 (2 samples) 14,000 (2 samples)
3.	Green belt development	3,00,000	2,00,000
4.	Maintenance of haul road	1,12,500	2,40,000
Total		4,12,500	8,58,000

Budget for Environment Protection for Santhapada Sand Quarry – A

Sl. No.	Measures	Capital Cost (In Rs.)	Recurring Cost (In Rs.)
1.	Pollution Control Dust Suppression /Water Sprinkling	--	1,50,000
2.	Pollution Monitoring i) Air pollution ii) Water pollution iii) Soil Pollution iv) Noise Pollution	--	28,000 (8 samples) 16,000 (4 GW & 4 SW) 8,000 (2 samples) 7,000 (2 samples)
3.	Green belt development	1,50,000	1,00,000
4.	Maintenance of haul road	37,500	1,20,000
Total		1,87,500	4,29,000

Budget for Environment Protection for Santhapada Sand Quarry – B

Sl. No.	Measures	Capital Cost (In Rs.)	Recurring Cost (In Rs.)
1.	Pollution Control Dust Suppression /Water Sprinkling	--	1,50,000
2.	Pollution Monitoring i) Air pollution ii) Water pollution iii) Soil Pollution iv) Noise Pollution	--	28,000 (8 samples) 16,000 (4 GW & 4 SW) 8,000 (2 samples) 7,000 (2 samples)
3.	Green belt development	1,50,000	1,00,000
4.	Maintenance of haul road	75,000	1,20,000
Total		2,25,000	4,29,000

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19. **Environment Consultant:** The Environment consultant M/s P and M Solution, Noida along with the proponent made a presentation on the proposal before the Committee on 03.03.2023.

20. The SEAC in its meeting held on dated 03-03-2023 recommended the following:

a) **The proponent may be asked to submit the followings for further processing of EC application;**

- i) KML file shows small quantity of sand deposit surrounded by water & most part of the quarry is inside the water; this has to be clarified.
- ii) No transportation road from the lease area as per KML file, road connectivity to the site with Map.
- iii) KML file and Mining Plan mis-matching, this has to be clarified.
- iv) Mineable area is very less comparing to Lease sanction area, this has to be clarified.

21. The proposed site was visited by the sub-committee of SEAC on 21.08. 2023. Following are the observations of the sub-committee:

- a. A new bridge across Brahmani River, adjacent to the existing one is under construction. It was observed that the construction agency has diverted the water channel to the western bank of the river, for the convenience of construction of the bridge; and the sand deposit is currently under water. As a result, it is estimated that some amount of sand must have been washed out due to the high velocity of water flow.
- b. It is learnt that the mining in the lease is in operation since 2007 and is currently in a cluster since another quarry viz. Santhpada Quarry – B, within 500m distance of Quarry –A is also operation. The distance of the bridge from Quarry – A is 510m.
- c. In due course, the river channel will be normalized by the bridge construction authority. It is recommended that the project proponent be permitted to mine the replenished amount of sand ascertained after monsoon and after restoration of the water channel. The connecting road should also be restored by the proponent for sand transportation.
- d. It is also recommended that the transport vehicles will be covered with tarpaulin to minimize dust/ sand particle emissions.
- e. No natural water course shall be obstructed or diverted for the purposes of sand mining.
- f. The location of the village being close to the quarry, the project proponent shall ensure that the biological clock of the villagers is not disturbed. The floodlights should be oriented away from the villages and the noise levels should be kept within the prescribed limits for day light/night hours.
- g. The project proponent shall take adequate measures for protection of the river bank from soil erosion.

22. 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.	KML file shows small quantity of sand deposit surrounded by water & most part of the quarry is inside the water; this has to be clarified.	As the construction work of nearest bridge has going on, the work contractor has forcefully diverted the water channel in one side. That's why due to water force the deposited sand has washed out from the lease area and most of the quarry showing inside water in KML file.	

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2.	No transportation road from the lease area as per KML file, road connectivity to the site with Map.	Transportation route map certified by Tahasildar, Talcher has attached for your reference as Annexure – 1 .	Transportation route is shown in lease map.
3.	KML file and Mining Plan mismatching, this has to be clarified.	As per the Geo reference co-ordinates the mining plan has prepared and accordingly the KML file has also done. Copy has been attached you're reference as Annexure-2 .	Google map along with mining plan maps has been submitted for reference.
4.	Mineable area is very less comparing to Lease sanction area; this has to be clarified.	The total lease area is 72,800m ² whereas after leaving the safety zone and river flow area the mineable part has taken as 69,120m ² .	-

Considering the information / documents furnished by the proponent and presentation made by the consultant **M/s P & M Solution, Noida**

2. **Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 13.11.2023 and the SEAC approved the EIA/EMP report in cluster approach and recommended the following:

- a) The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Santhapada Sand Quarry – A (under cluster approach) without referring to SEAC with stipulated conditions as per **Annexure – A** after receipt of individual applications from the lessee in cluster along with following documents.
 - i) Filled in form-I of individual lease
 - ii) Prefeasibility report of individual lease
 - iii) EMP of individual lease.
 - iv) Approved Mining Plan of individual lease.
 - v) Previous production details of individual lease duly certified by Tahasildar.
 - vi) Replenishment Study Report of individual lease.
- b) Following specific conditions may be stipulated in individual Environmental Clearance.
 - i) Amended EIA Notification dated 25th July, 2018, Guidelines for sustainable sand mining, 2016 and Enforcement and Monitoring Guidelines for Sand Mining, January 2020 of MoEF&CC, Govt. of India shall be adhered to in execution of Mining as per **Annexure – B**.
 - ii) Sand extraction shall be limited to quantity and depth as per replenishment study report. Regular replenishment study as per guidelines to be conducted and report to be submitted.
 - iii) Provision of Bio-toilet shall be made at the site.
 - iv) Avenue plantation and plantation on both sides of the haulage road in consultation with/ on the advice of concerned Forest Department, Government of Odisha & W.R. Department Government of Odisha as well.
 - v) Stone patching with plantation in between along the stretch of the bank associated with sand mining and necessary ramp construction shall be made.



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Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to approve the cluster EIA & EMP with budget provision of Rs. 4,12,500/- (Capital Cost) & Rs. 8,58,000/- (Recurring Cost). The Authority further, noted that the EC of Santhapada Sand Quarry – B was issued by SEIAA, Odisha vide letter no. 6491/SEIAA dt. 21.12 2018 which is about to expire. Therefore, the of lessee of Santhapada Sand Quarry – A shall be considered subject to the condition that the PP shall submit an undertaking to bear the entire cost of cluster EIA & EMP.

APPROVED BY

Member Secretary, SEIAA



Member, SEIAA



Chairman, SEIAA

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PARIVESH 2.0, AGENDA No.154.01

Proposal No.	SIA/OR/MIN/458143/2024
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 Kharasankulai Sand Quarry over an area 5.0 Hectares or 12.355 Acres in Village Kharasankulai under Harabhanga Tahasil Boudh District Odisha
Name of the company/Organization	Sri Chintamani Samal
Location of Project	Village Kharasankulai under Harabhanga Tahasil Boudh 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 Kharasankulai Sand Quarry over an area 5.0 Hectares or 12.355 Acres in Village Kharasankulai under Harabhanga Tahasil Boudh 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. 35C3D082F9 dated 18.09.2023
- (iii) The EC of Kharasankulai Sand Quarry over an area 5.0 Hectares or 12.355 Acres in Village Kharasankulai under Harabhanga Tahasil Boudh District Odisha was in favour of Tahasildar, Harabhanga vide SEIAA letter no./Identification No. EC22B001OR190705 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, Harabhanga to Sri Chintamani Samal, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 734 dated 03.03.2023.
- (vii) The PP has submitted the amount of Rs. 2,25,000/- to District Environmental Society for raising 500 nos. tree plantation as per the EC condition no. 7.5 of Part-B in page no. 05.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

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 Kharasankulai Sand Quarry. The new lessee shall comply EC conditions issued earlier vide letter no. EC22B001OR190705 dt. 05.11.2022.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 2.0, AGENDA No.154.02

Proposal No.	SIA/OR/MIN/459409/2024
Date of application	20.01.2024
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 Tendra Sand Bed over an area 12.355Ac or 5.00Ha in Brahmani Nadi (Kha) Tendra village under Bonai tahasil of Sundargarh district Odisha
Name of the company/Organization	Sri Sudhir Kumar Harichandan
Location of Project	Tendra village under Bonai tahasil of Sundargarh 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 Tendra Sand Bed over an area 12.355Ac or 5.00Ha in Brahmani Nadi (Kha) Tendra village under Bonai tahasil of Sundargarh 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. 37E8514B2E dated 20.01.2024
- (iii) The EC of Tendra Sand Bed over an area 12.355Ac or 5.00Ha in Brahmani Nadi (Kha) Tendra village under Bonai tahasil of Sundargarh district Odisha was in favour of Tahasildar, Bonai vide SEIAA letter no./Identification No. 9561 dt. 04.11.2020
- (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, Bonai to Sri Sudhir Kumar Harichandan, (highest bidder/lessee) without attaching forwarding letter from competent Authority.
- (vii) Any deficiencies/omission have been noticed in the above documents- The PP has submitted Suo-moto declaration that there is violation as the quarry operated without transfer of EC. There is no forwarding letter from competent lease granting Authority for transfer of EC from Tahasildar to present lessee.

Whether SEAC recommended the proposal – N/A

Decision of Authority: Returned in Present Form

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 7th July 2021 and 28th January 2022 issued by MoEF & CC, which has been communicated vide Mo.EF & 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 decided that grant of EC including transfer of EC in cases involving violation is not permissible until further orders of Hon'ble Supreme Court. Hence, the application is returned in present form.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 2.0, AGENDA No.154.03

Proposal No.	SIA/OR/MIN/459170/2024
Date of application	18.01.2024
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 Banko Stone Quarry over an area 12.00Ac or 4.856He in Banko village Koira tahasil Sundargarh district Orissa
Name of the company/Organization	Sri Neeraj Pandey
Location of Project	in Banko village Koira tahasil Sundargarh district Orissa

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 Banko Stone Quarry over an area 12.00Ac or 4.856He in Banko village Koira tahasil Sundargarh district Orissa.
- (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. 37E831BB24 dated 18.01.2024
- (iii) The EC of Banko Stone Quarry over an area 12.00Ac or 4.856He in Banko village Koira tahasil Sundargarh district Orissa was in favour of Tahasildar, Koira vide SEIAA letter no./Identification No. 2808 dt. 22.09.2021
- (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, Koira to Sri Neeraj Pandey, (highest bidder/lessee) with attaching Tahasildar forwarding letter of Mining Officer, Rourkela vide letter no. 3414 dated 16.11.2023.
- (vii) Any deficiencies/omission have been noticed in the above documents-The PP has submitted Suo-moto declaration that there is violation as the quarry operated without transfer of EC

Whether SEAC recommended the proposal – N/A

Decision of Authority: Returned in Present Form

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 7th July 2021 and 28th January 2022 issued by MoEF & CC, which has been communicated vide Mo.EF & 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 decided that grant of EC including transfer of EC in cases involving violation is not permissible until further orders of Hon'ble Supreme Court. . Hence, the application is returned in present form.

APPROVED BY

Member Secretary, SEIAA

Member, SEIAA

Chairman, SEIAA

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PARIVESH 2.0, AGENDA No.154.04

Proposal No.	SIA/OR/MIN/459030/2024
Date of application	17.01.2024
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 Kathasangada Sand Bed No-II, over an area of 2.60 Acres or 1.052 hectares in village Kathasangada under Remuna Tahasil of Balasore District, Odisha.
Name of the company/Organization	Sri Vishal Infrastructure Ltd.
Location of Project	village Kathasangada under Remuna Tahasil of Balasore 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 Kathasangada Sand Bed No-II, over an area of 2.60 Acres or 1.052 hectares in village Kathasangada under Remuna Tahasil of Balasore 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. 37E8128F56 dated 16.01.2024
- (iii) The EC of Kathasangada Sand Bed No-II, over an area of 2.60 Acres or 1.052 hectares in village Kathasangada under Remuna Tahasil of Balasore District, Odisha was in favour of Tahasildar, Remuna vide SEIAA letter no./Identification No. 2885 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, Remuna to Sri Vishal Infrastructure Ltd., (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 3718 dated 08.05.2023.
- (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 Kathasangada Sand Bed No-II. The new lessee shall comply EC conditions issued earlier vide letter no. 2885/SEIAA dt. 28.09.2021.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 2.0, AGENDA No.154.05	
Proposal No.	SIA/OR/MIN/456493/2023
Date of application	23.12.2023
Project Type	Transfer of EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals (Major Minerals)
Name of the Project	Proposal for Transfer of EC Enhancement of production of Saruabil Chromite Mines from 0.136 million TPA to 0.35 million TPA along with expansion of Beneficiation Plant from 20TPH to 30 TPH by M/s. Misrilalla Mines Pvt. Ltd, located at village-Saruabil, Tahasil-Sukinda, Dist-Jajpur, Odisha (246.858 Ha)
Name of the company/Organization	Tata Steel Limited Devraj Tiwari
Location of Project	village Kathasangada under Remuna Tahasil of Balasore 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 Enhancement of production of Saruabil Chromite Mines from 0.136 million TPA to 0.35 million TPA along with expansion of Beneficiation Plant from 20TPH to 30 TPH by M/s. Misrilalla Mines Pvt. Ltd, located at village-Saruabil, Tahasil-Sukinda, Dist-Jajpur, Odisha (246.858 Ha).
- (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. 37E8128F56 dated 16.01.2024
- (iii) The EC of Enhancement of production of Saruabil Chromite Mines from 0.136 million TPA to 0.35 million TPA along with expansion of Beneficiation Plant from 20TPH to 30 TPH by M/s. Misrilalla Mines Pvt. Ltd, located at village-Saruabil, Tahasil-Sukinda, Dist-Jajpur, Odisha (246.858 Ha) was in favour of f M/s. Misrilall Mines Pvt Limited vide Environment Clearance letter No. J-11015/72/2010-IA.II (M), dated 20th July, 2018 issued by MoEF & CC, Govt. of India.
- (iv) CTE was by SPCB for Saruabil Chromite Block of M/s. Tata Steel Mining Ltd, vide letter no. 10964 dt. 12.07.2023.
- (v) The Dept. of Steel and Mines, Govt. of Odisha vide letter no. 10018 dt. 05.10.2023 has allowed to change of name of M/s. Tata Steel Mining Limited to Tata Steel Ltd. pursuant to NCLT order dt. 08.08.2023 in C.P (CAA)/7 (CB)/2023 connected with CA (CAA)/2 (CB)/2023 under Rule 61 of MC Rules 2016.
- (vi) Tata Steel Mining Limited won the block in auction in the year 2020, and grated transfer of EC vested with previous lessee under the provisions of S.O 2817 (E) dated 13th July , 2021. The prior Environmental Clearance vested with the previous lessee M/s Misrilall Mines Pvt Limited shall be deemed to have been transferred during its validity period in terms of the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957) as amended by the Mines and Minerals (Development and Regulation) Amendment Act, 2021 (16 of 2021) to the successful

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- (vii) bidder of the mining leases (Tata Steel Mining Limited), from the date of commencement of new lease for the remaining validity period (Up to 19/07/2027).
Environment Clearance Identification No. - EC23B001OR155576; File No. - 78946/93-MINB1/07-2022, Dated 06/06/2023 granted in favour of Saruabil Chromite Block of M/s. Tata Steel Mining with the Expansion of production of 1.0 MTPA Chromite Ore (ROM) with maximum excavation of 6.48 Million Cum per Annum through Opencast Mining at villages Saruabil, Kamarda, & Tailangi under Sukinda Tehsil, Jajpur District of Odisha State over an area of 246.858 Ha.
- (viii) The PP has mentioned that the Tata Steel Mining Limited CIN no- U27109OR2004PLC009683 has been registered in the PARIVESH Portal in respect of transfer of EC vested with previous lessee under the provisions of S.O 2817 (E) dated 13th July, 2021. The prior Environmental Clearance vested with the previous lessee M/s Tata Steel Limited shall be deemed to have been transferred during its validity period in terms of the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957) as amended by the Mines and Minerals (Development and Regulation) Amendment Act, 2021 (16 of 2021) to the successful bidder of the mining leases (Tata Steel Mining Limited), from the date of commencement of new lease for the remaining validity period (Up to 19/07/2027). Transfer of EC dated 20.07.2018 from old lessee to Tata Steel Mining Limited dated 28.02.2022. And fresh EC granted 06/06/2023. Further, Subsequent to the Scheme of Amalgamation of Tata Steel Mining Limited ('TSML' CIN No. U27109OR2004PLC009683) into and with Tata Steel Limited (CIN-L27100MH1907PLC000260) ('Scheme of Amalgamation'), and its approval and sanction by the Hon'ble National Company Law Tribunal, Cuttack Bench vide Order ('NCLT Order'), in terms of Clause 8.1 read with Clause 9.1(h) of Part I of the Scheme of Amalgamation, the captioned Scheme of Amalgamation of Tata Steel Mining Limited ('TSML') into and with Tata Steel Limited has become operative and effective from September 1, 2023 ('Effective Date'). Post merger the CIN number of Tata Steel Limited remains the same ie CIN-L27100MH1907PLC000260. With the above merger the legal entity of Tata Steel Mining limited has now ceased, and all its respective business and operation has become part of Tata Steel Ltd.

Hence, NOC from Transferer i.e. Tata Steel Mining Limited is not applicable as the company does not exist now and has been amalgamated with and into Tata Steel Limited.

- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal - N/A

Decision of Authority: Approved

After detailed deliberation, the Authority allowed the transfer of EC from Tata Steel Mining Limited ('TSML') to with Tata Steel Limited for Enhancement of production of Saruabil Chromite Mines from 0.136 million TPA to 0.35 million TPA along with expansion of Beneficiation Plant from 20TPH to 30 TPH by M/s. Misrilalla Mines Pvt. Ltd, located at village-Saruabil, Tahasil-Sukinda, Dist-Jajpur, Odisha (246.858 Ha). The new company/owner/lessee shall comply EC conditions issued earlier vide letter no. EC23B001OR155576 dt. 06.06.2023. The other terms & conditions of earlier EC remain same.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


12.02.24
Chairman, SEIAA

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Parivesh 2.0, AGENDA No.154.06	
Proposal No.	SIA/OR/INFRA2/456963/2023
Date of application	31.12.2023
File no.	456963/03-INFRA2-V/12-2023
Project Type	New proposal for ToR
Category	B1
Project/Activity including Schedule No.	8(b) Area & Development Project
Name of the Project	Proposal for ToR Proposed Construction of (B+G+5) Jagannath Ballav Pilgrim Center over an area of 9.33 Acres Having Total built up area 77808 sqm at Mauza Dandimala Sahi, Puri Town, Tahasil, Puri, Dist: Puri, Odisha of M/s Odisha bridge and Construction Corporation Limited.
Name of the company/Organization	Sridhar Rout General Manager OBCC Ltd Puri Project Division
Location of Project	Mauza Dandimala Sahi, Puri Town, Tahasil, Puri, Dist: Puri
ToR Date	N/A
Name of the Consultant	M/s Visiontek Consultancy Services, 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 construction of (B+G+5) Jagannath Ballav Pilgrim Center over an area of 9.33 Acres having total Built Up Area 77808 Sqm At Mauza Dandimala Sahi, Puri Town, Tahasil, Puri, Dist: Puri, Odisha Of M/s Odisha Bridge And Construction Corporation Limited.
3. **Category:** As per the EIA notification 2006 and its subsequent amendments, proposed project falls in category B under schedule of Item 8(a) Building / Construction.
4. Construction of the project was started at the site without obtaining EC. Therefore the proposed project falls in violation category as per EIA Notification, 2006 and its subsequent amendments.
5. **Location and connectivity:** The proposed project is located on Khata No. 25, Plot No: 168(P)169(P),170(P),171,172(P), 187, 188, 189, 190, 192(P), 193(P), 202(P), 228, 229, 230, 231, 232, 233, 234, 235 and others at Mouza- Dandimala Sahi, Puri Town, Tahasil, Puri, Dist: Puri, Odisha bounded by Latitude 19°48'40.96"N to 19°48'42.59"N and longitude 85°49'26.83"E to 85°49'23.42"E bearing Toposheet no 74E/13.
6. The site is coming under Puri-Konark Development Authority
7. Total Plot Area is 37756.86 m²/ 9.33 Ac / 3.775 Ha and total built up area is 77808.1 m². Max building height is 27.23 m (Terrace Floor Level).

8. The Building Area Details of the Project in tabulated form

LULC OF PROJECT SITE

LULC OF PROJECT SITE	AREA IN SQM	AREA IN HA	%
Ground Coverage	12888.3	2817.3	34.02
Internal Road	728.80	0.0728	1.92
Greenbelt Area	21272.4	2.1272	56.16
Paving and green paving	2817.35	0.2817	7.43
Service area	171.82	0.0171	0.45
Total Area	37756.8	3.7755	100

FLOOR WISE AREA DETAILS

Plot Area as per document	9.33 Acres		37756.86 sqm		
	Built Up Area (Including services, parking area & excluding shaft areas)	NON FAR Areas			FAR Area
		Services Area (FAR Excluded)	Fire Tower (FAR Excluded)	Parking Area (FAR Excluded)	
Basement	13012.39	1309.1	251.93	9780.19	1671.16 sqm
Ground Floor	12172.74	78.43	423.19	9396.23	2739.25 sqm
1st Floor	11393.33	78.43	285.19	9126.76	1981.59 sqm
2nd Floor	11782.68	233.06	285.19	0.00	11447.43
3rd Floor	11398.74	78.43	285.19	9124.29	2098.05 sqm
4th Floor	10602.50	78.43	285.19	8661.10	1818.02 sqm
5th Floor	7170.4	166.10	285.19	0.00	7691.04 sqm
Guard Rooms (ground only)	5.76	3			2.76 sqm
Total Built up area	77808.1001 sqm				
Total Service Area (FAR Excluded)		2025.0			
Total Fire Tower Area (FAR Excluded)			2101.07 sqm		
Total Parking Area (FAR Excluded)				46088.57 sqm	
TOTAL FAR EXCLUDED AREAS			50214.66 sqm		
TOTAL FAR AREA				29449.30 sqm	

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GROUND COVERAGE	12637.10 Sqm.	33.47%
Parking Area Calculation		
Parking required @ 40% of FAR Area	11780 sqm	
TOTAL Parking Area Provided	46088.57 sqm	

9. Water Requirement and waste water management: Total Fresh water requirement of the project is expected to be 130 KLD approximately;(Domestic: 90 KLD+HVAC:40 KLD). Presently there is public water supply system from WATCO is located near our project site. Hence the daily fresh water requirement will be met through supply water during the operation phase. Permission from Office of the Manager WATCO Sub-Division, Puri has been obtained vide order no. 1066 on dated 26.02.2021. Approximately, 162 KLD of sewage will be treated in 1 no. of STP having capacity of 200 KL for proposed residential Guest house area. Well-designed sewage treatment plant of capacities (200 KL) about 80% of fresh water & 100 % of flushing water.

10. Rainwater harvesting details: Total 10 no of Rainwater harvesting structures are being proposed for artificial rain water recharge within the project premises. The Capacity of the recharge pit is designed to retain runoff from at least 10 minutes rainfall of peak intensity of 85 mm /Hr .

11. Power requirement: The power supply shall be supplied by TPCODL. The maximum demand load is estimated at 4000 KVA. Permission for Electrical supply to the proposed project site is received from office of the Divisional Manager (Electrical) through Letter No:- 4464 on dated 28.09.2021. There is provision of Power backup for the proposed project will be through DG sets of total capacity 1 Nos. 2000 KVA 415Volts DG Sets with acoustic enclosure with DG Synchronization Facility Height of the DG Set Stack = 30 m

DG Set will be placed in the direction of NE Corner of the Plot.

12. Solar details: Solar capacity required for JBPC building lighting loads “ 30 KW SPV Panel@350 Wp/Panel Total no of Panel Required- 85 Nos

13. Rain Water Harvesting: Total 10 no of Rain Water harvesting structures (PERCOLATION PIT having size 2.4 m dia x 4m deep) are being proposed for artificial rain water recharge within the project premises. The Capacity of the recharge pit is designed to retain runoff from at least 10 minutes rainfall of peak intensity of 85 mm /Hr

14. Parking Requirement: During Operational Phase, Parking required is @ 40% of FAR Area 11780 sqm and total Parking Area Provided is 46088.57 sqm.

15. Green Belt Development: About 470 no of trees of 15 types of species (Neem, Peepal, Mango, Shisham, Sirish, Babool, Gulmohar or local plants as per the advice of forest officers) will be planted both inside the project area And all along the boundary to create a boundary of greenery. The site comes under the Recreational zone as per the compressive development plan PKDA. The existing plantation in the south west part of the project site will be remain un touched. The construction area will remain in the North- East part of the site. The green belt will be developed over an area of 10117 Sq.m of the area which include boundary plantation, Plantation in the patch in the SW part of the project site and along both side of the road. There are several road side plantation and social forestry programme initiated by City Forest division. The project will develop Pramod udyan which is a greenery development project proposed by SJTA. There will be development of 21272.45 Sq.m green areas within the project site which is 56.16% of the total area. The plantation activities are being undertaken in the road side, waste land, park, recreational area etc.

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biodegradable 0.640 T/Day (waste vegetables and foods etc.) and Non-biodegradable or recyclable 0.960 Ton/day (papers, cartons, thermo-col, plastics, glass etc.) Components will be collected in separate bins. The biodegradable organic wastes will be treated inside the premises by OWC (Organic Waste Converter) of capacity to treat 650 kg/day. Recyclable and non-recyclable wastes will be disposed through Govt. approved agency.

17. **Project cost:** The estimated project cost is 230.62 Cr and cost for EMP Capital cost is 213 Lakh Annually and recurring cost is 6.2 Lakh.

18. **Environment Consultant:** The Environment consultant M/s **Visiontek Consultancy Services, Bhubaneswar** along with the proponent made a presentation on the proposal before the Committee.

19. **Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 16.01.2023 The SEAC observed the following:

This is a violation case as the PP submitted as per provisions of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. It is mentioned that the Hon'ble Supreme Court has stayed the operation of said OM of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. Hence, the proposal may be returned to SEIAA, Odisha for further action.

Decision of Authority: Returned in present form

The Authority perused the observation of SEAC which is as under;

“This is a violation case as the PP submitted as per provisions of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. It is mentioned that the Hon'ble Supreme Court has stayed the operation of said OM of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. Hence, the proposal may be returned to SEIAA, Odisha for further action”.

After detailed deliberation in the matter, the authority decided to return until further order of Hon'ble Supreme Court. The ToR proposal return to the PP in present form.

Member Secretary, SEIAA

APPROVED BY

Member, SEIAA

Chairman, SEIAA

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Parivesh 2.0, (AGENDA No.154.07)	
Proposal No.	SIA/OR/INFRA2/454545/2023
Date of application	30.12.2023
File no.	454545/02-INFRA2-V/12-2023
Project Type	New proposal for EC under violation
Category	B1
Project/Activity including Schedule No.	8(a) Area & Development Project
Name of the Project	Proposal for EC for Construction of "Hi-tech Medical College & Hospital" (Under Violation category) at Rourkela, District-Sundargarh, Odisha by M/s Vigyan Bharati Charitable Trust.
Name of the company/Organization	Vigyan Bharati Charitable Trust
Location of Project	Rourkela, District-Sundargarh
ToR Date	N/A
Name of the Consultant	M/s Grass Roots Research & Creation India

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. The project falls under category "B" or activity 8 (a)-Building & Construction projects under EIA Notification dated 14th September 2006 as amended from time to time.
3. M/s. Vigyan Bharati Charitable Trust is the Developer of "Hi-tech Medical College & Hospital" at Khata No. 111 (Rakhit) & 113 (Anabadi) Rourkela, Sundargarh, Odisha. The construction of project has been carried out at site (in accordance with the Master Plan approved by Rourkela Development Authority). Therefore, it is a case of violation of EIA Notification, 2006 and the EC is being sought as per EIA Notification dated 14th Mar., 2017 and MoEFCC SoP dated 7th July, 21 under violation category.
4. **Location and Connectivity** - The proposed site is on Plot area = 80,937.13 m² (20 acres) is located at Khata No. 111 (Rakhit) & 113 (Anabadi) Rourkela, Sundargarh, Odisha. The geographical co-ordinates of centre of project site are 22°13'24.52"N and 84°49'48.44"E. Toposheet no. F45G16. The site is well connected through the Ring Road which is approx. 0.28 km towards NE. The nearest highway NH-320 D which is approx. 0.1 km (S), NH-143 is approx. 2.52 km (W). The nearest railway station being Rourkela Railway Station is about 3.32 km (NE) away from the project site. The nearest Airport is Bhubaneswar Airport which is at a distance of approx. 249 km towards SE. Another airport RSP Rourkela is coming up at approx. 3.54 km from the site in NW direction.
5. The site is coming under Rourkela Development Authority.
6. The plot area is 80,937.13 m² (20 acres) with total built-up area 62,075.57m².
7. **The Building Details of The Project:** Colleges and Hostels (upto BUA = 1,50,000 sq. m.) are exempted from Environment Clearance as per EIA notification dated 22nd Dec., 2014, Medical College, Girls and Boys Hostel have not been considered in this proposal.
8. The project includes: Teaching Hospital (380 beds), Staff Quarters (Block A,B,D1 &D2) and Canteen Block
9. The construction work started at site in the year 2010 and almost 72.32% (44,890.0 sqm BUA) construction has been completed out of 62,075.57 sqm.

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S. No.	Particulars	Total Area (m ²)
	Total Site Area	80,937.13 (20 acre)
1.	Permissible Ground Coverage (@30.52%)	26,516
2.	Achieved Ground Coverage for the following EC applicable buildings (@19.96%) <ul style="list-style-type: none"> • Teaching Hospital • Staff Quarters Block A • Staff Quarters Block B • Staff Quarters Block D1 • Staff Quarters Block D2 • Canteen 	16,162.24 14,297.78 495.08 365.10 322.83 216.92 464.51
3.	Permissible FAR (@225%)	1,82,108.54
4.	Achieved FAR for the following EC applicable buildings (@76.07%): <ul style="list-style-type: none"> • Teaching Hospital • Staff Quarters Block A • Staff Quarters Block B • Staff Quarters Block D1 • Staff Quarters Block D2 • Canteen 	61,575.57 54,317.7 1930.32 1410.43 1241.35 817.71 1858.06
5.	Non-FAR Area for the EC applicable buildings	500.0
6.	Total Built Up Area for the EC applicable buildings (5+6)	62,075.57
7.	Green area (17.71%)	14,335.5
8.	Maximum Building Height (m)	15

10. Statutory clearances obtained are -

- (i) Building Plan Sanction from Rourkela Development Authority vide letter no. 1127 dated 15th Mar., 2010.
- (ii) Consent to Establish was obtained vide letter no. 22355/Ind-II-NOC-5242 dated 31.12.2010.

11. Power requirement: The power supply will be through WESCO. The total maximum demand is estimated as 800 KW. 5% i.e., 40 KW energy will be saving from total energy load (5% i.e., 2 KW through solar and 5% i.e., 2 KW through LED). Solar energy will be utilized for street lighting, solar blinkers and signage to reduce electricity consumption. There is provision of 2 nos. of DG sets of total 500 kVA capacity for power back up. The DG set will be equipped with acoustic enclosure to minimize noise generation and adequate stack height for proper dispersion as per CPCB norms.

12. Water requirement: During operation phase, the source of water supply will be Ground water. The total water requirement for the project will be approx. 481 KLD. The fresh water requirement will be 229.5 KLD. It is expected that the project will generate approx. 270 KLD of wastewater. Approx. 29 KLD of wastewater will be treated in an on-site ETP of 50 KL capacity and 241 KLD of wastewater will be treated in an onsite STP of 290 KL capacity. The treated sewage from STP will be reused for flushing, horticulture and HVAC. 27 KLD surplus treated effluents will be discharged to external sewer.

13. Rain Water harvesting System - 19 RWII tanks of 144 KL capacity each are proposed to collect rainwater for 2,149.57 m³/hr runoff load.

14. Fire fighting Installations: Firefighting measures will be adopted as per the guidelines of NBC. External yard hydrants shall be installed around all buildings in the complex in galvanized steel fire house cabinet

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(weather proof). All external yard hydrants shall be at one meter height from finished ground level as per NBC at a distance of 60 m along the road. External fire hydrants shall be located such that no portion of any building is more than 45 m from a hydrant and the external hydrants are not vulnerable to mechanical or vehicular damage.

15. **Parking** - Parking details are provided for staff and visitors are:
Required Parking: Parking required as per Bye laws = 25,417.9 sq. m.
Provided Parking: Parking area provided = 25,417.9 sq. m. which includes Two wheeler: 8,417.9 sq. m., Capacity Bikes: 4000 Nos. and Four wheeler: 17,000 sq. m., Capacity Car: 1200 Nos.
16. **Green Belt Development:** Green Belt will be developed over an area of 14,335.5 m² which is 17.71% of total plot area. Total 800 Nos. of plants to be planted and 3m spacing between plants and it will be 2 tier plantation.
17. **Solid Waste Management:** During the operation phase, waste will comprise domestic as well as horticultural waste. The solid waste generated from the project shall be approx. 1295 kg per day (@ 1.5 kg per bed per day for indoor patients, @ 0.25 kg per capita per day for the attendants with indoor patients, @ 0.5 kg per capita per day for the residential staff, @ 0.25 kg per capita per day for Non-Residential Staff, @ 0.15 kg per capita per day for OPD patients, @ 0.15 kg per capita per day for canteen visitors and landscape waste @ 0.2 kg/acre/day.
18. The estimated Project cost is 100 Crores (Land and Development Cost) and cost form EMP is 275 lakhs.
19. **Environment Consultant:** The Environment consultant M/s **Grass Roots Research & Creation India (P) Ltd. Noida** along with the proponent made a presentation on the proposal before the Committee.
20. The SEAC observed the following:
i) This is a violation case as the PP submitted as per provisions of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. It is mentioned that the Hon'ble Supreme Court has stayed the operation of said OM of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. Hence, the proposal may be returned to SEIAA, Odisha for further action.
2. **Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 16.01.2023 The SEAC observed the following:
➤ This is a violation case as the PP submitted as per provisions of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. It is mentioned that the Hon'ble Supreme Court has stayed the operation of said OM of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. Hence, the proposal may be returned to SEIAA, Odisha for further action.

Decision of Authority: Returned in present form

The Authority perused the observation of SEAC which is as under;

“This is a violation case as the PP submitted as per provisions of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. It is mentioned that the Hon'ble Supreme Court has stayed the operation of said OM of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. Hence, the proposal may be returned to SEIAA, Odisha for further action”.

After detailed deliberation in the matter, the authority decided to return until further order of Hon'ble Supreme Court. The ToR proposal return to the PP in present form.


Member Secretary, SEIAA

APPROVED BY

Member, SEIAA


13.02.24
Chairman, SEIAA

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Parivesh 2.0, AGENDA No.154.08	
Proposal No.	SIA/OR/INFRA2/457126/2023
Date of application	29.12.2023
File no.	457126/01-INFRA2-V/12-2023
Project Type	New proposal for EC under violation
Category	B1
Project/Activity including Schedule No.	8(a) Area & Development Project
Name of the Project	Proposal For EC for Construction of Birsa Munda Hockey Stadium (LG+UG+I) With Hockey Practice Center (G) & World Cup Village For Players And Staff (G+4) (Under Violation) Project At Village –R.T.U No-03, Thana-Chhend of Rourkela Municipal Corporation, Rourkela, District-Sundargarh, Odisha By IDCO Bhubaneshwar
Name of the company/Organization	Orissa Industrial Infra Structure Development Corporation Applicant-Aswini Kumar Biswal Chief General Manager (Civil)
Location of Project	Rourkela, District-Sundargarh
ToR Date	N/A
Name of the Consultant	M/s Grass Roots Research & Creation India

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 for Birsa Munda Hockey Stadium With Hockey Practice Center & World Cup Village For Players And Staff (Under Violation) Project At Village –R.T.U No-03, Thana-Chhend of Rourkela Municipal Corporation, Rourkela, District-Sundargarh, Odisha by IDCO Bhubaneshwar.
3. **Category:** As per the EIA notification 2006 and its subsequent amendments, proposed project falls in category B under schedule of Item 8(a) - Building / Construction.
4. The construction of project has been carried out at site in accordance with the Master Plan approved by Rourkela Development Authority and the project is in operation without obtaining prior Environment Clearance. Therefore it is a case of violation of EIA Notification, 2006 and the EC is being sought as per EIA Notification dated 14th Mar., 2017 and MoEFCC SoP dated 7th July, 21 under violation category as construction has been completed.
5. **Location and Connectivity:** The project site is located at Plot No-. 87/468, 88, 89, 90, 91, 92/P, 93, 94/1, 95/1), 96, 97/P, 98/P, 115/1,115/2, 116/P, 117/P, 118/1, 118/2, 119, 122/469, 127/471, 128, 129, 130, 131, 132/P,133/P, 134, 135, 136/429, 258/483, 326/P, Khata No.- 4/40, R.T.U. No.- 03, Rourkela, District-Sundargarh, Odisha. The geographical co-ordinates of project site are 22°14'47.70"N and 84°48'49.95"E. Toposheet no. F45G16. The kism of the land is Gharabari. The site is well connected through the Chhend Main Road which is approx. 0.4 km towards South. The Ring Road is at approx. 1 km towards East direction. The nearest highway NH-143 which is approx. 2.0 km (SSW), NH-320D is

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approx. 3.4 km (S), SH-10 is approx. 3.74 km (WSW). The nearest railway station being Panposh Railway Station is about 1.8 km (SSW) away from the project site. The nearest Airport is Rourkela Airport which is at a distance of approx. 0.5 km towards North. Another airport Biju Patnaik International Airport is at approx. 244 km from the site towards SW direction. The nearby water bodies are Brahmani River (1.5 km; (W)), Koel River(1.5 km; (W)), Sankh River(1.8 km; (W)), Jhirla Nala(4.7 km; (NE)), Longmohan Nadi(5.6 km; (W)), Deo Nadi(9.0 km; (WNW)), Sunaparbat RF(9.2 km; (SE)), Pitamahal Dam(9.5 km; (SW)), Mandira Dam Reservoir(13.5 km; (W)).

6. The site is coming under Rourkela Development Authority.
7. The plot area is 1,89,156.85m² (47.31acre) with total built-up area 61,335.02m².

8. The Building Area Details of the Project in tabulated form:

S. No.	Particulars	Area (m ²)
1.	Total Plot Area	1,89,156.85
2.	Permissible Ground Coverage(@40% of the plot area)	75,662.74
3.	Proposed Ground Coverage(@12.93% of the plot area)	24,475.82
4.	Permissible FAR(@2.0)	3,78,313.7
5.	Proposed FAR (a + b + c) (@0.246)	46,655.14
a.	International Hockey Stadium	24,654.78
b.	Hockey Practice Centre	1,703.68
c.	Accommodation Building	20,296.68
6.	Non FAR Area	14,679.88
7.	Built-up Area (5+6)	61,335.02
8.	Landscape Area (@ 20%)	37,347.79
9.	Maximum Height of the Building (m)	20.95 m
10.	Total population during events	20,567 persons
11.	Total population during normal days	50 persons

9. Water Requirement: Total water requirement for the project will be approx. 483 KLD. The fresh water requirement for the project will be 296 KLD. The source of water is WATCO.

10. Waste water generation and management: The project will generate approx. 232 KLD of wastewater which will be treated in an on-site STP of 280 KLD capacity. The treated sewage from STP will be reused for horticulture. Surplus treated water (249KLD) from STP will be discharged to external sewer.

11. Power Requirement: The total demand load for the Birsa Munda Hockey Stadium with Hockey Practice Center & World Cup Village for Players & Staff (Under Violation) is of 850 kW and 750 kW respectively.

They have proposed Solar PV generation capacity of 5% of total electrical demand load of project. The power supply will be sourced from Tata Power Western Odisha Distribution Limited. There is provision of 2 x 600 kVA capacity of DG sets for Accommodation Building and 2 x 750 kVA DG sets for Birsa Munda Hockey Stadium (LG+UG+I) With Hockey Practice Center (G) & World Cup Village For Players

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And Staff (G+4) having total capacity of 2,700 kVA for power backup. The DG sets will be equipped with acoustic enclosure to minimize noise generation and adequate stack height for proper dispersion.

12. **Rainwater Harvesting:** Total Runoff 2,768.06 m³ and 62 no. of pits is proposed for the project.
13. **Parking Requirement:** The proposed parking area is 31,706m² and as follows VIP Parking Area (1,962 sq. m.), Emergency Parking Area (997 sq. m.), Broadcast/Media Parking Area (4,062 sq. m.), Stadium Parking Area (7,286 sq. m.) and Bus Parking Area (3,289 sq. m.).
14. **Fire Fighting Installation:** Firefighting measures include Auxiliaries, hydrants Main (MSC class pipes) with Hydrant accessories like Fire Service Inlet, Fire Brigade Breaching (Siamese) Connections, Automatic Sprinkler system, Hydraulically operated Deluge system (Drencher system), Fire extinguishers, Fire Buckets, Transformer Room, LT Panel Room, Underground and Terrace tanks, pumps etc.
15. **Green Belt Development:** Green Belt will be developed over an area of 37,347.79m² which is 20% of total plot area. Total 2486 nos. of plants to be planted and 3m spacing between plants and it will be 3 tier plantation.
16. **Solid Waste Management:** During the operation phase approx. 3293 kg/day (@ 0.5 kg/capita/day for residents, @ 0.15 kg/capita/day for the visitor, 0.25 kg/capita/day for staff and landscape waste @ 0.2 kg/acre/day). Bio-degradable waste will be disposed through organic waste converter. STP sludge is proposed to be used for horticultural purposes as manure. Horticultural Waste is proposed to be composted and used for gardening. The cropped grass will be spread on green area. It will act as manure after decomposition. Recyclable waste like paper, plastic, metal etc. will be disposed through local approved recyclers. Recyclable and non-recyclable waste will be disposed through a local agency.
17. **Project cost:** The estimated Project cost is ₹297 Crores and cost form EMP is ₹392.5 lakhs (Capital Cost) and ₹36 lakhs (Recurring Cost)
18. **Environment Consultant:** The Environment consultant M/s **Grass Roots Research & Creation India (P) Ltd. Noida** along with the proponent made a presentation on the proposal before the Committee.
19. The SEAC observed the following:
This is a violation case; as the PP submitted as per provisions of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. It is mentioned that the Hon^{ble} Supreme Court has stayed the operation of said OM of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. Hence, the proposal may be returned to SEIAA, Odisha for further action.

3. **Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 16.01.2023 The SEAC observed the following:
 - This is a violation case as the PP submitted as per provisions of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. It is mentioned that the Hon^{ble} Supreme Court has stayed the operation of said OM of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. Hence, the proposal may be returned to SEIAA, Odisha for further action.

Decision of Authority: For further consideration

The authority decided to defer the proposal.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


Chairman, SEIAA

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Parivesh 1.0 Agenda No. 154.09

This is regarding a case matter before Hon'ble NGT in O.A. No.11/2022/EZ, order dt. 01.05.2023 on the matter of Z1-Residents' Welfare Association Vrs Z- Estates Private Limited and Ors.

The Hon'ble NGT vide its order dt. 01.05.2023 have directed to SEIAA, Odisha as follows:

- i. The SEIAA, Odisha, shall inspect the site in question within one month and verify whether installation of Solar Power Generation System for Phase-I and installation of Solar Heater which was required to be completed by 31.08.2022 as stated by the Project Proponent, has been completed and if not, appropriate penalty shall be imposed against the Project proponent and the same shall be recovered within two months after giving him an opportunity of being heard.
- ii. The SEIAA, Odisha, is further directed to determine Environmental Compensation against the Project Proponent for failure to install the Solar System for energy conservation to the extent of 5% of total power as required by the Environmental Clearance (EC) conditions dated 16.08.2011 and action in this regard shall be taken within two months after giving the Project Proponent an opportunity of being heard.
- iii. With regard to completion of Green Belt and Avenue Plantation over at least 20% of the site area as required by the Environmental Clearance dated 16.08.2011, the Committee constituted by the Tribunal is directed to re-visit the premises of the Project Proponent and verify whether at least 20% of the Green Belt has been achieved by the Project Proponent and if not, appropriate Environmental Compensation shall be determined against the Project Proponent and the same shall be recovered within two months after giving him an opportunity of being heard.

Accordingly, the Joint Committee comprising of the above-mentioned official had visited the site on 13.07.2023 and observed the following and after details assessment the SEIAA, Odisha has calculated amount of Rs. 1,41,37,500/- for Environmental Compensation against the Respondent Nos. 01 for non-compliance of EC conditions.

Based on the joint committee report the SEIAA, Odisha has issued a show cause notice to the Project Proponent/lessee Sri Tapan Kumar Mohanty is directed to reply by letter or to appear/present in person or through authorized person in SEIAA, Odisha office chamber within 15 days from the date of receipt of this show cause notice, why the environmental clearance (EC) amounting of **Rs. 1,41,37,500/-** for non-compliance of EC conditions shall not be collected from him.

In the event of failure to comply with the above directions within the stipulated time frame, action as deemed appropriate shall be initiated against the Project Proponent in accordance with the provisions of the law.

Based on the show case notice letter file no. SEIAA-68/07 dt. 28.12.2023, the Sri R. P. Das has on behalf of Z Estates Pvt. Ltd. has submitted their reply through email dt. 10.01.2024 and requested to SEIAA, Odisha to be present in person on 13.01.2024 but 13th January 2024 as a Govt. Holiday (Second Saturday) hence the intimated the Project Proponent (PP) that the meeting on 13th January 2024 is not possible and the next date will be intimate you shortly. Accordingly, we call the PP to present in SEIAA, Odisha office chamber and share their view

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on 03.02.2024. The Project Proponent Sri Tapan Kumar Mohanty (Chief Managing Director, Z Estates Pvt. Ltd.), Sri Saty Jyoti Mohanty (Director, Z Estates Pvt. Ltd) & Sri Partha Sarathi Panda (Deputy General Manager of Z Estates Pvt. Ltd) were present physically at SEIAA, Odisha Officer, Chamber for hearing of the case matter.

Decision Of Authority

The Authority heard the Sri Tapan Kumar Mohanty (Chief Managing Director, Z Estates Pvt. Ltd.) stating that the 20% green belt is not achieved for Phase-I building because the entire project is an integrated and interlink building & construction project of phase-I, Phase -II & phase-III of Z1- Estates Pvt. Ltd. The Phase-I and Phase-II already completed and Phase-III is under construction. The PP agreed that he has not achieved 20% green belt for phase-I as there is no permanent boundary for phase-I for plantation in boundary area and only avenue plantation was done there and also phase-III is under construction so there is a chance of damage of tree species and the greenery will get disturbed. He also mentioned in their letter that the green belt can be created by the PP where the phase wise construction along with a permanent boundary wall is completed.

Secondly, the Z Estates Pvt. Ltd. have completed all set-up for the roof top solar heater but the same it is not working as the Z1-Residents' Welfare Association is not allowing to operate it due to some issues for pipeline connection from their side.

After perusal of the order dt. 01.05.2023 of NGT and after detailed deliberation in the matter, the Authority decided the PP has not installation of Solar Power Generation System for Phase-I and installation of Solar Heater operation is incomplete which was required to be completed by 31.08.2022. Also, the PP has not completed of Green Belt and Avenue Plantation over at least 20% of the site area as required by the Environmental Clearance dated 16.08.2011 and committed by the PP by 31.08.2022. It was incumbent upon upon PP to seek amendment of EC conditions or time line for compliance due to operational difficulties before due date i.e., 31.08.2022. Raising operational issues at this stage is not acceptable.

After detailed discussion in the matter the authority decided that, the PP is required to submit the Environmental Compensation amount of Rs. 1,41,37,500/- for violation of EC conditions.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


13.02.24
Chairman, SEIAA