

**Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 &
14.07.2023**



AGENDA NO.127.12

Proposal No.	SLA/OR/MIN/296192/2023
Date of application	27.05.2023
File no.	253221/212-MINB2/01-2022
Project Type	Proposal for Amendment of EC for based on the replenishment study report.
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Gopalpur sasan Sand Quarry over an area of 12.344 Acres or 4.996 ha at village-Gopalpursasan, Tahasil-Surada, Dist-Ganjam, Odisha of Sri B.Laxminarayan Dora
Name of the company/Organization	Sri Borkul Dora Sri B. Laxminarayan Dora, S/o- Hadu Dora, At/P.O-Kendupadar,P.S-Gangpur,Dist-Ganjam, Odisha Orissa 761122
Location of Project	village-Gopalpursasan, Tahasil-Surada, Dist-Ganjam, Odisha of Sri B.Laxminarayan Dora
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for amendment of EC of Gopalpur sasan Sand Quarry over an area of 12.344 Acres or 4.996 ha at village-Gopalpursasan, Tahasil-Surada, Dist-Ganjam, Odisha.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC22B001OR192726 dated 31.03.2022 in favour of Sri B. Laxminarayan Dora the (Successful Bidder) for mining of sand from Gopalpur sasan Sand Quarry over an area of 12.344 Acres or 4.996 ha at village-Gopalpursasan, Tahasil-Surada, Dist-Ganjam, 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 **46328 cum** with depth of sand deposition was 1.5 meter and proposed for annual extraction-**10800 cum**.
 - (iv) The SEIAA also granted EC for 1st year production **7500 cum with 0.7 meter** of depth of mining.
 - (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 15th November, 2022 if satisfactory replenishment study report is not submitted."
 - (vi) The PP has mentioned that only **6613 cum** of sand extracted has been extracted for 1st year lease period..
 - (vii) The PP has submitted replenishment study was done through volumetric method by the RQP Sri Gautam Sahoo and mentioned that the difference of pre-monsoon RL and post-monsoon RL is 14.5 meter and accordingly, volume of sand reserve after post-monsoon **10800 cum**. Proposed production for next year lease period is **7500 cum**.

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Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 & 14.07.2023

(vii) 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 28th & 30th June 2023 and the SEAC **rejected the proposal** as per the follows observation:-


- a) The SEAC observed that the methodology in survey report mentions method is physical survey of the field (volumetric survey) method & ETS survey. UAV drone method has been proposed by SEIAA for undertaking Replenishment Study Hence, the proposal is **not recommended** and Replenishment study report needs to be re-done.

Decision of Authority: Approved

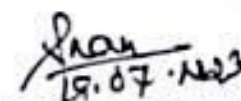
The Authority decided that the Annual Rate of Replenishment Study (ARRS) Report is not done as per MoEF & CC, Govt. of India guideline. Hence, replenishment study report is rejected. The PP is required to submit Annual rate of replenishment study (ARRS) report by 31st December 2024 through ORSAC empanel agency. Pending submission of ARRS report an amount of quantity of **1875 cum** (i.e. 25% of the 1st year production quantity 7500 cum allowed in EC letter) of sand is allowed to extract in 2nd year lease period on adhoc basis.

- The validity of EC is for 2nd year or validity of DSR or validity of lease period, whichever is earlier.
- The Grant of EC for further period will be considered after submission of approved DSR by SEIAA as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020 and also as per the Hon'ble Supreme Court order vide its order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others).
- The Project proponent shall follow Enforcement & Monitoring Guideline for sand mining-2020 before and during operation of quarry.
- The Project Proponent (lease holder) shall deposit Rs.2,50,000/-, with the respective District Environment Society for raising 500 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


19.07.2023
Chairman, SEIAA

**Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 &
14.07.2023**



AGENDA NO.127.13

Proposal No.	SIA/OR/MIN/297221/2023
Date of application	22.05.2023
File no.	SEIAA-1041/12-2020
Project Type	Proposal for Amendment of EC for based on the replenishment study report.
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Dhanipur River Sand Bed over an area of 12.35 acres or 5.00 ha at village-Dhanipur, Tahasil-Narasingshpur, Dist-Cuttack
Name of the company/Organization	Sri Narayan Biswal
Location of Project	village-Dhanipur, Tahasil-Narasingshpur, Dist-Cuttack
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for amendment of EC of Dhanipur River Sand Bed over an area of 12.35 acres or 5.00 ha at village-Dhanipur, Tahasil-Narasingshpur, Dist-Cuttack
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 982/SEIAA dated 24.03.2021 in favour of Tahsildar, Narasingshpur, Cuttack on behalf of the (Successful Bidder) for mining of sand from Dhanipur River Sand Bed over an area of 12.35 acres or 5.00 ha at village-Dhanipur, Tahasil-Narasingshpur, Dist-Cuttack.
 - (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 **58893 cum** with depth of sand deposition was 1.5 meter and proposed for annual extraction-**50001 cum**.
 - (iv) The SEIAA also granted EC for 1st year production **50001 cum with 1.5 meter** of depth of mining.
 - (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 15th November, 2022 if satisfactory replenishment study report is not submitted."
 - (vi) The PP has mentioned that only **34081 cum** of sand extracted has been extracted for 1st year lease period and of quantity **48147 cum** in the 2nd year.
 - (vii) The PP has submitted replenishment study was done through volumetric method by the RQP Sri Pradeept Mohapatra and mentioned that the estimated volume of sand during pre-monsoon period is **48147 cum** and estimated volume of sand during pre-monsoon period is **51367 cum**, and quantity of sand replenished is **49330.2 cum**. Proposed production for next year lease period is **49330.2 cum**.
 - (viii) Any deficiencies/omission have been noticed in the above documents-Quarry operated last 2 years but EC is not transfer from the Tahasildar to lessee.
2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on **28th & 30th June 2023** and the SEAC rejected the proposal with follows observation:-



Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 & 14.07.2023

- a) The SEAC observed that the replenishment study is stated to be taken up by **hand held GPS** for pre monsoon and by drone method for post monsoon. Elevations for 60 points are recorded both for pre monsoon (April 2022) and post monsoon (December 2022) study. But difference of average R.L. of both studies in the available sand zone at post monsoon period has not been considered for calculation of replenished quantity. Calculations have been made with 2.0m average depth of sand reserve without consideration of R.L.s recorded during survey.

The SEAC decided as follows -

- b) The replenished quantity should be calculated basing on difference of average R.L. of both studies (i.e. pre and post monsoon) in the common safe workable area. **The proposal is returned for resubmission after re-calculation.**

Decision of Authority: Rejected

The Authority decided that the Annual Rate of Replenishment Study (ARRS) Report is not done as per MoEF & CC, Govt. of India guideline. Hence, replenishment study report is rejected. No mining is allowed till submission of Annual rate of replenishment study (ARRS) report through ORSAC empanel agency afresh.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


19.07.2023
Chairman, SEIAA

Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 & 14.07.2023



AGENDA NO.127.14

Proposal No.	SIA/OR/MIN/297552/2023
Date of application	30.03.2023
File no.	SIA/OR/MIN/257245/2022
Project Type	Proposal for Amendment of EC for based on the replenishment study report.
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Digambarpur River sand Bed over an area of 12.00 acres or 4.856 Ha at village-Digambarpur, Tahasil-Danagadi, Dist-Jajpur
Name of the company/Organization	Sri GYANARANJAN MOHAPATRA
Location of Project	village-Digambarpur, Tahasil-Danagadi, Dist-Jajpur
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for amendment of EC of Digambarpur River sand Bed over an area of 12.00 acres or 4.856 Ha at village-Digambarpur, Tahasil-Danagadi, Dist-Jajpur.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2887/SEIAA dated 28.09.2021 in favour of Tahsildar, Danagadi, Jajpur and later EC transfer vide letter no. 4159/SEIAA dated 02.03.2022 in favour of Sri GYANARANJAN MOHAPATRA the (Successful Bidder) for mining of sand from Digambarpur River sand Bed over an area of 12.00 acres or 4.856 Ha at village-Digambarpur, Tahasil-Danagadi, 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 **50038 cum** with depth of sand deposition was 1.5 meter and proposed for annual extraction-**7000 cum**.
 - (iv) The SEIAA also granted EC for 1st year production **7000 cum with 0.75 meter** of depth of mining.
 - (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 31st December, 2022 if satisfactory replenishment study report is not submitted."
 - (vi) The PP has mentioned that only **5571 cum** of sand extracted has been extracted for 1st year lease period.
 - (vii) The PP has submitted replenishment study was done through volumetric method by the RQP Sri Pradeept Mohapatra and mentioned that the estimated volume of sand during pre-monsoon period is **9569 cum** and estimated volume of sand during pre-monsoon period is **1054 cum**, and **Hence, no replenishment of sand has been carried out in the monsoon**. Proposed production for next year lease period is **1054.8 cum**.
 - (viii) Any deficiencies/omission have been noticed in the above documents-**Nil**

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Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 & 14.07.2023

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 28th & 30th June 2023 and the SEAC reject the proposal with follows observation:-

- a) The SEAC observed that the replenishment study is stated to be taken up by DGPS/drone method. Elevations for 52 and 75 points are recorded for pre monsoon (27.05.2022) and post monsoon (17.12.2022) study respectively. But difference of average R.L. of both studies in the available sand zone at post monsoon period has not been considered for calculation of replenished quantity. Calculations has been made with 1.5m average depth of sand for both pre and post monsoon.

The SEAC decided as follows-


The replenished quantity should be calculated basing on difference of average R.L. of both studies (i.e. pre and post monsoon) in the common safe workable area. **The proposal is returned for resubmission after re-calculation.**

Decision of Authority: Rejected

The Authority decided that the Annual Rate of Replenishment Study (ARRS) Report is not done as per MoEF & CC, Govt. of India guideline. Hence, replenishment study report is rejected. No mining is allowed till submission of Annual rate of replenishment study (ARRS) report through ORSAC empanel agency afresh.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



**Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 &
14.07.2023**

AGENDA NO.127.15

Proposal No.	SIA/OR/MIN/300124/2023
Date of application	11.03.2023
File no.	SEIAA-1787/08-2021
Project Type	Proposal for Amendment of EC for based on the replenishment study report.
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Purukhi River Sand Bed Over an area of 12.30 Acres or 4.977 hectares in village Purukhi under Remuna Tahasil of Balasore District of Odisha.
Name of the company/Organization	Sri Raghunath Das
Location of Project	village Purukhi under Remuna Tahasil of Balasore District of Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for amendment of EC of Purukhi River Sand Bed Over an area of 12.30 Acres or 4.977 hectares in village Purukhi under Remuna Tahasil of Balasore District of Odisha.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2994/SEIAA dated 28.09.2021 in favour of Tahasildar, Remuna and later EC transfer vide letter no.3838/SEIAA dated 13.01.2022 in favour of Sri Raghunath Das the (Successful Bidder) for mining of sand from Purukhi River Sand Bed Over an area of 12.30 Acres or 4.977 hectares in village Purukhi under Remuna Tahasil of Balasore District of 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 **1,60,640 cum** with depth of sand deposition was 1.5 meter and proposed for annual extraction-**38000 cum**.
 - (iv) The SEIAA also granted EC for 1st year production **7500 cum** .
 - (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. 31st December, 2022 if satisfactory replenishment study report is not submitted."
 - (vi) The Tahasildar, Remuna has mentioned in his letter no. 3709 dated 08.05.2023 that the quarry is not operated due to NGT case on DSR of Balasore District and request for extend the validity of EC for 1st year lease period and aslo submission of replenishment study report by October 2024.
 - (vii) 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 **28th & 30th June 2023** and the SEAC recommend the follows:-
 - a) The SEIAA, Odisha may consider for extension of date of submission of Replenishment Study

[Signature]

Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 & 14.07.2023

Report since the quarry is not operational.


- b) Proposal for Extension of EC may be allowed subject to approval of DSR report of Balasore by SEIAA and Authentication from SEIAA may be obtained.

Decision of Authority: Approved

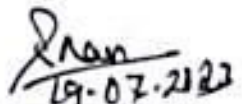
The Authority observed that the quarry is not operated after obtaining EC from SEIAA, Odisha due to NGT case on DSR of Balasore District. After detailed deliberation, the decided to allowed amendment of EC in extraction of **7500 cum** of sand for 1st year as per EC conditions and **1875 cum** in 2nd year (i.e. 25% of the 1st year production quantity 7500 cum in adhoc manner as ~~re~~ replenishment study report has not been submitted neither in DSR nor in EC application. The PP is required to submit Annual rate of replenishment study (ARRS) report by 31st December 2024 through ORSAC empanel agency.

- The validity of EC is for 1st year and 2nd year or validity of DSR or validity of lease period, whichever is earlier.
- The Grant of EC for further period will be considered after submission of approved DSR by SEIAA as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020 and also as per the Hon'ble Supreme Court order vide its order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others).
- The Project proponent shall follow Enforcement & Monitoring Guideline for sand mining-2020 before and during operation of quarry.
- The Project Proponent (lease holder) shall deposit Rs.2,50,000/-, with the respective District Environment Society for raising 500 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


19-07-2023
Chairman, SEIAA

**Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 &
14.07.2023**



AGENDA NO.127.16

Proposal No.	SIA/OR/MIN/300312/2023
Date of application	04.06.2023
File no.	SEIAA-754/10-2020
Project Type	Proposal for Amendment of EC for based on the replenishment study report.
Category	B2
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Bainchanaranpur-1 Sand Bed over an area of 12.35 acres or 4.99 hectares in village Bainchanaranpur under Nilgiri Tahasil in Balasore District, Odisha
Name of the company/Organization	Sri Hara Prasad Senapati
Location of Project	village Purukhi under Remuna Tahasil of Balasore District of Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for amendment of EC of Bainchanaranpur-1 Sand Bed over an area of 12.35 acres or 4.99 hectares in village Bainchanaranpur under Nilgiri Tahasil in Balasore District, Odisha.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 10200/SEIAA dated 17.12.2020 in favour of Tahasildar, Nilgiri and later EC transfer vide letter no.3826/SEIAA dated 13.01.2022 in favour of Sri Hara Prasad Senapati the (Successful Bidder) for mining of sand from Bainchanaranpur-1 Sand Bed over an area of 12.35 acres or 4.99 hectares in village Bainchanaranpur under Nilgiri Tahasil in Balasore 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 **57975 cum** with depth of sand deposition was 1.5 meter and proposed for annual extraction-**18000 cum**.
 - (iv) The SEIAA also granted EC for 1st year production **18000 cum with 1.5 m of depth of mining**.
 - (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. 31st December, 2022 if satisfactory replenishment study report is not submitted."
 - (vi) The has extracted **6000 cum** of sand for 1st year lease period.
 - (vii) The Tahasildar, Nilgiri has mentioned in his letter no. 1500 dated 09.05.2023 that the quarry is not operated due to Hon'ble High Court order dated 19.05.2022 in WP(c) No. 11251/2022 and the CTO was issued on 02.08.2022 by that time pre-monsoon replenishment study was not possible. Since the pre-monsoon survey for replenishment could not undertake, we. have only undertaken the post monsoon survey of 2022. As the scientific evaluation of replenishment can only be ascertain with a pair of pre and

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Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 & 14.07.2023



post monsoon replenishment survey data for conjugative years. I am now intending to carry out replenishment study survey for Pre-Monsoon (May/June 2023) and Post Monsoon (Dec 2023/Jan 2024) to ascertain the rate of replenishment.

(viii) The PP has submitted replenishment study report done by ORSAC empanel agency through drone method and it is mentioned that pre-monsoon was not done due to water logged and as per post-monsoon data the quantity of mineral deposited in workable are is **16149.07 cum. Proposed production is 12000 cum.**

(ix) 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 **28th & 30th June 2023** and the SEAC recommend the follows: -

- The SEIAA, Odisha may consider for extension of date of submission of Replenishment Study Report since the quarry is not operational.
- Proposal for Extension of EC may be allowed subject to approval of DSR report of Balasore by SEIAA and Authentication from SEIAA may be obtained.

Decision of Authority: Approved

The Authority observed that due to High court case of WP(C) No. 11251/2022 dated 15.05.2022 and lately issue of CTO, the PP has extracted only 6000 cum of sand from the lease area and submitted only one season replenishment study data. After detailed deliberation, the decided to allowed amendment of EC in extraction of **12000 cum** (i.e.18000 cum allowed quantity as per EC condition – 6000 cum extracted quantity in 1st year lease period) for 2nd year. The PP is required to submit Annual rate of replenishment study (ARRS) report by 31st December 2024 through ORSAC empanel agency.

- The validity of EC is for 2nd year or validity of DSR or validity of lease period, whichever is earlier.
- The Grant of EC for further period will be considered after submission of approved DSR by SEIAA as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020 and also as per the Hon'ble Supreme Court order vide its order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others).
- The Project proponent shall follow Enforcement & Monitoring Guideline for sand mining-2020 before and during operation of quarry.
- The Project Proponent (lease holder) shall deposit Rs.2,50,000/-, with the respective District Environment Society for raising 500 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

**Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 &
14.07.2023**



AGENDA NO.127.17	
Proposal No.	SIA/OR/IND2/415084/2023
Date of application	30.06.2023
File No.	415084/20-IND2/01-2023
Project Type	Fresh EC proposal
Category	B1
Project/Activity including Schedule No.	4 (b) - Coal tar processing units.
Name of the Project	Proposal for EC of M/s Utkal Hydrocarbon Pvt. Ltd. for proposed Greenfield project of Coal Tar Distillation of Capacity- 1,80,000 TPA, Phase- I: 60,000 TPA Coal Tar distillation project (to manufacture- 31,200 TPA Coal Tar Pitch, 15,000 TPA WFO & 12,000 TPA Anthracene Oil) & Phase- II: 1,20,000 TPA Coal Tar distillation Project (to manufacture 62,400 TPA Coal Tar Pitch, 30,000 TPA WFO, 24,000 TPA Anthracene Oil)
Name of the company/Organization	UTKAL HYDROCARBON PVT LTD Deepak Agrawal, Director 113, Park street, 6th Floor, Kolkata
Location of Project	at Village- Siriapali PS & Tehsil - Kolabira, District – Jharsuguda
Date of ToR issued	28.09.2021
Name of Consultant	M/s. Visiontech consultancy Pvt. Ltd.

Proposal in brief:

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

1. This proposal is for environmental clearance of M/s Utkal Hydrocarbon Pvt. Ltd. for proposed greenfield project of coal tar distillation of capacity- 1,80,000 TPA, Phase- I: 60,000 TPA coal tar distillation project (to manufacture- 31,200 TPA Coal Tar Pitch, 15,000 TPA WFO & 12,000 TPA Anthracene Oil) & Phase- II: 1,20,000 TPA coal tar distillation project (to manufacture 62,400 TPA coal tar pitch, 30,000 TPA WFO, 24,000 TPA Anthracene Oil) located at Village- Siriapali PS & Tehsil - Kolabira, District – Jharsuguda of Sri Deepak Agrawal.
2. **Category:** In pursuance of MoEF & CC, Government of India, EIA notification S.O. 1533, dated 14.09.2006 and amendments thereof, it is a 'Category -B' project, which falls under schedule 4 (b) - Coal tar processing units.
3. Allotment of land measuring 6.30 Acres in favor of M/s. Utkal Hydrocarbon Pvt. Ltd. from IDCO was issued vide letter no. IDCO/HO/P&A/LA- E/ 8227/2021- 2022/ 34546 dtd. 31/12/2022.
4. **TOR Details:** Terms of Reference (ToR) was granted by the concerned authority's vide SEIAA File No. SIA/OR/IND/62293/2021, dated: 28th September 2021.
5. **Public hearing details:** The Public hearing was held on 20th July 2022 near Govt. High School, Village - Siriapali, District- Jharsuguda, Odisha. The issues raised by the public in the public hearing are as follows: air pollution, water pollution, waste management, plantation, development of roads, local employment, women employment, health issues, medical facilities, peripheral development, education & playground. Total budget allocated as per the action plan is 92.93



Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 & 14.07.2023

12.7.23

6. **Location and connectivity:** Geographically the proposed project site is located at Village-Siriapali, PS & Tehsil - Kolabira, District - Jharsuguda, Odisha State falls under Survey of India Toposheet No. 73 B/16 bounded by geo coordinates - Latitude 21°49'40.08"N to 21°49'40.00"N and Longitude 84° 5'29.21"E to 84° 5'29.02"E. Nearest National Highway, NH-200 is at a distance of 20m, N; Nearest Railway Station is Jharsuguda Railway Station, 8 km, NW and Jharsuguda Airport is at 11 km NW. Nearby water bodies are Kharkhari Nala - 0.50 KM (S), Telen River- 4.40 KM (SE), Bheden River - 8.0 KM (WSW).
7. There is no National Parks, Sanctuaries, Migratory Corridors of Wild Animals in 10 km buffer are whereas list of Reserve Forest identified such as Shiriyapali R.F – Adjacent (E), Katikela R.F –1.50 KM (SW), Ghichamura R.F- 5.45 KM (S).
8. **Land requirement:** Total Land Area involved – 18.14 Acres (7.34 Ha.) [For Phase-I: 5.38 Acres & Phase-II: 12.76 Acres]. Net Plant Area - 17.60 Acres (7.12 Ha.) (This excludes the untouched Nalla of 0.54 Acres).
9. **Raw material requirement:** The Crude Coal Tar, 180000 TPA (Phase-I 60,000 & Phase-II 12,0000) will be sourced from Rourkela Steel Plant-Rourkela, Nilachal Ispat Nigam Limited - Jajpur, Bhushan Steel Limited, IISCO Steel Plant, Durgapur Steel plant, Bokaro Steel Plant, Bhilai Steel Plant, Visakhapatnam Steel Plant etc.
10. **Process Description**
Coal Tar Pitch – The crude coal tar is fed into distillation vessel for batch-wise distillation process. During the distillation, volatile oil is collected into receiver through goose neck and condenser. The condensed oil is collected in the receiver, which is categorized into two parts as per boiling point, WFO (Wide Fraction Oil) and Anthracene-I or heavy PAH (Polvaromatic Hydrocarbon). The residue remains in the vessel is the Pitch which will be dispatched after testing as per customer's satisfaction. The fuel used in Phase-I & Phase-II is Furnace Oil of capacity 12 KLD & 24 KLD respectively.
11. **By - Product Recovery Process** – Here the main raw material is WFO which is taken from Coal Tar Pitch processing units. The WFO is boiled up into the reboiler. The vapour is purified by the liquid contact through column packing. The collection is received as follows from the top one by one fraction maintaining the reflux ratio and temperature through intermediate testing.
- Phenolic Oil – 145-200°C
 - Napthalene Oil – 210-220°C
 - Wash Oil – 230-270°C
 - Heavy Creosote Oil – 270-310°C
 - Anthracene 2 – 310°C & above
12. **Baseline details:** Baseline Study Period was from March 2021 to May 2021.
- a) **Particulate Matter (PM₁₀):** The maximum value for PM was 89.7 µg/m³ observed at AAQ-8. The reason for high value may be due to presence of nearby Industry (M/s. Vedanta Alumina) 0.73 Km. The minimum value was 43.8 µg/m³ observed at Kaputikra Village (AAQ-3) as there is no major activity nearby.
- b) **Particulate Matter (PM_{2.5}):** The maximum value observed was 49.7 µg/m³ at AAQ-8. Reason for the reason for high value may be due to presence of nearby Industry (M/s. Vedanta



- Alumina) at (approx.) 0.73 Km. Minimum value observed was $23.5 \mu\text{g}/\text{m}^3$ at AAQ-3.
- c) **Sulphur dioxide (SO₂):** The maximum value observed was $17.2 \mu\text{g}/\text{m}^3$ at AAQ-8 whereas minimum value of $5.6 \mu\text{g}/\text{m}^3$ was observed at AAQ-3. The limits were well within the NAAQs standards.
- d) **Oxides of Nitrogen (NO_x):** The maximum value observed was at $29.2 \mu\text{g}/\text{m}^3$ at AAQ-8 and the minimum value of $9.5 \mu\text{g}/\text{m}^3$ was observed at AAQ-3. The limits were well within the NAAQs standards.
- e) **Carbon Monoxide (CO):** The maximum value of $0.63 \text{ mg}/\text{m}^3$ observed at AAQ-8. The minimum value of $0.1 \text{ mg}/\text{m}^3$ was observed at AAQ-3.
- f) **Ambient Noise Level:** The summary of the Ambient Noise Monitoring Result shows the Noise level within the permissible limits for all the locations. At N1, during day time maximum noise level recorded was 71.23 dB(A) and during night the maximum noise recorded was 65.96 dB(A). Ambient noise reaches 46.23 to 71.23 dB(A) during day time and 37.03 to 65.96 dB(A) during night time.
- g) **Incremental GLC level (under controlled condition) PM₁₀ = $5.04214 \mu\text{g}/\text{m}^3$ (Level at of the Project Site); PM_{2.5} = $2.3734 \mu\text{g}/\text{m}^3$ (Level at of the Project Site); SO₂ = $2.55367 \mu\text{g}/\text{m}^3$ (Level at of the Project Site); NO_x = $1.91726 \mu\text{g}/\text{m}^3$ (Level at of the Project Site)**
- h) **Surface Water:** pH is inclined towards alkaline side of the spectrum with highest value of 8.4 in SW-8 and lowest value of 7.1 in SW7. Biological Oxygen Demand (BOD) is within the permissible limits except at SW-5&7 in and varies between 2.0 mg/l to 6.1 mg/l. Chemical Oxygen Demand (COD) varies from 5.6mg/l and 128 mg/l. All heavy metals like Arsenic, Lead, etc. are below detectable levels.
13. **Water requirement:** The total water requirement of proposed plant is 85 KLD which will be sourced from Ground water. Requirement for Phase-I is 32.8 KLD and for Phase- II 52.2 KLD. Requesting letter to allow groundwater permission for operation and other domestic activities issued vide letter no. UHPL/22-23/05 dtd. 10.11.2022.
14. **Wastewater management:** There will be no wastewater generation from the plant as the Closed-Circuit Cooling system will be adopted. Boiler blow down and DM Plant regeneration wastewater will be treated in Neutralization tank and will be mixed in a Central Monitoring Basin (CMB). The treated effluent from CMB will be utilized for dust suppression, ash conditioning and for greenbelt development.
15. **ETP/STP:** Water will be generated from the process Condenser which will go to Effluent Treatment Plant of capacity 20 KLD will be installed to treat the 13.5 KLD effluent. About 13.5 KLD will be recycled and reused in the process. The wastewater discharged will be utilized for vegetation & dust suppression inside the plant after treatment. For wash water & sewage water, STP of 15 KLD capacity will be installed and the STP treated water will be used for gardening & sprinkling of water on roads.
16. **Power requirement:** The total power requirement of the proposed plant is envisaged as 1200 KVA. Approx. 450 KVA for Phase-I & 750 KVA for Phase-II, sourced from TATA Power Western Odisha Distribution limited (TPWODL). Application to The Executive Engineer TPWOD, Jharsuguda for initially 650 KVA electric supply vide letter no. UHPL/22-23/06 dtd. 10.11.2022 had been submitted. For back-up DG set of capacity for Phase-I 200 KVA & Phase-II is 300 KVA will be installed. Total solar power provision for this project is 3 KW.
17. **Greenbelt:** 3% of the total plant area i.e 6.15 Acres out of 17.6 Acres will be developed as greenbelt/plantation all around the plant boundary, roadside, office, building & open stretches

Sel



**Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 &
14.07.2023**

- within the premises. Plantation will be started along with the construction. Tree density of 2500 trees per hectare (500 nos. of plant per acre) with local board leaf specification will be planted.
18. **Manpower:** It is estimated that the manpower requirement for the proposed plant will be about 75 persons i.e., for Phase-I - 35 numbers and for Phase-II – 40 numbers.
19. **Project cost:** The total investment for the proposed project works out to approximately Rs. 37 Crores. The EMP Capital cost is Rs. 1.43 Crore & Recurring is 0.30 Crore per annum. 2.5 % of the project cost i.e., INR 92.5 Lakhs has been earmarked under CER activities.
20. **Environment Consultant:** The Environment consultant **M/s Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar** along with the proponent made a presentation on the proposal before the Committee on 17.02.2023.

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent
a)	Layout of garland drain and drainage network.	Revised layout attached as Annexure - I, which shown garland drain & drainage
b)	SOP for firefighting/fire safety.	SOP for Fire Fighting & Fire safety management of M/s. Utkal Hydrocarbon
c)	Permission/License from explosive department for storage of flammable products.	M/s. Utkal Hydrocarbon Pvt Ltd, do not handle or use any explosive or flammable material. Undertaking for the same attached as Annexure-III.
d)	SOP for dyke design, spill over, maintenance, storage layout, Sulphur content, design limit, cooling tower blow down water	SOP for dyke design, spill over, maintenance, Storage Layout, Sulphur Content, cooling tower blow down water monitoring details are attached as Annexure-IV .
e)	Fate of refining loss quantity	Vapour pressure of Coal Tar and its major components at normal temperature lies to 0.2 to 0.5 ranges and the distillation process is now-a-days completely close circuit process with vacuum application. Besides any vapour releasing point will be to 0.5 ranges and the distillation process is now- a-days completely close circuit process with vacuum application. Besides any vapour releasing point will be equipped with VOC catcher point followed by scrubbing system. So, the vapour loss will be less than 0.2 and most of them will be trapped at scrubber. Therefore, releasing the VOC at atmosphere will be very minimal.
f)	Layout of sump and settling pond to be provided.	Submitted -Annexure-I
g)	Solid waste management practice.	Submitted in Annexure-V
h)	Mitigation measures for issues raised in public hearing to be addressed	Submitted annexure-VI

Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 & 14.07.2023

21. Considering the information furnished and the presentation made by the consultant, M/s. Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar along with the project proponent, the SEAC recommended for grant of Environmental Clearance valid for 10 years with stipulated conditions as per Annexure - A in addition to the following specific conditions.

- i) Trees located within the project area shall be transplanted to alongside the boundary green development area.
- ii) The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.
- iii) All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC.

Whether SEAC recommended the proposal – N/A

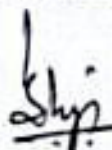
Decision Of Authority: ADS

After detailed deliberation in the matter, the Authority decided to seek additional information on the following observation:

1. That, out of 18.14 Acres of land, 12.76 Acres of land is Gocher Kissam. The PP is required to submit approval/permission of competent authority for use of Gocher land for the proposed industry.
2. The control measures proposed in the EMP does not adequately address to risk hazard identified for the plant. The PP shall submit a project specific risk control measures with fixing of responsibility for the risk hazard.
3. The layout plan shows a nala passing through the project site. The PP shall submit a separate plan for treatment of surface run-off as no surface run- off from the plant premises shall be allowed outside for discharge into the nala.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

**Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 &
14.07.2023**

AGENDA NO.127.18	
Proposal No.	SIA/OR/MIN/300251/2023
Date of application	13.05.2023
File no.	SEIAA-1118/12-2020
Project Type	Proposal for Amendment of EC for based on the replenishment study report.
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Brahamini River Badanahangara Sand Quarry, Badanahangara over an area of 8.60 or 3.48 ha at Village-Badanahangara, under Dharmasala Tahasil, District-Jajpur, Odisha
Name of the company/Organization	Sri Sumanta Kumar Mohanty Director of Manisankar Pvt. Ltd.
Location of Project	Village-Badanahangara, under Dharmasala Tahasil, District-Jajpur, Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for amendment of EC of Badanahangara Sand Quarry, Badanahangara over an area of 8.60 or 3.48 ha at Village-Badanahangara, under Dharmasala Tahasil, District-Jajpur, Odisha.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 1037/SEIAA dated 26.03.2021 in favour of Sri Sumanta Kumar Mohanty and later EC amended vide letter no.4939/SEIAA dated 26.07.2022 in favour of Sri Sumanta Kumar Mohanty the (Successful Bidder) for mining of sand from Badanahangara Sand Quarry, Badanahangara over an area of 8.60 or 3.48 ha at Village-Badanahangara, under Dharmasala Tahasil, 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 **53503 cum** with depth of sand deposition was 1.5 meter and proposed for annual extraction-**10700 cum**.
 - (iv) The SEIAA also granted EC for 1st year production **10700 cum with 1.5 m of depth of mining**.
 - (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., **November, 2023** if satisfactory replenishment study report is not submitted."
 - (vi) The has extracted **10700 cum** of sand for 1st year lease period and 7000 cum in 2nd year
 - (vii) The PP has submitted replenishment study report done by RQP through volumetric method method and it is mentioned that pre-monsoon mineable reserve is 43958 cum and post-monsoon mineable reserve is 34316 cum and replenished % is 21.93 ie. 12100 cum quantity of sand replenished. **Proposed production is 10700 cum.**

Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 & 14.07.2023

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

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 28th & 30th June 2023 and the SEAC recommend the follows: -

- a) The replenishment study is stated to be taken up by DGPS/drone method. Elevations for 33 and 62 points are recorded for pre monsoon (April 2022) and post monsoon (December 2022) study respectively. But difference of average R.L. of both studies in the available sand zone at post monsoon period has not been considered for calculation of replenished quantity. Calculations have been made with 1.5m average depth of sand as recorded in 4 pits (Table 7 C of Replenishment study report) without record of any RL therein.

The SEAC decided as follows-

- a) The replenished quantity should be calculated basing on difference of average R.L. of both studies (i.e. pre and post monsoon) in the common safe workable area. The proposal is returned for resubmission after re-calculation.

Decision of Authority: Approved

The Authority observed that the Annual Rate of Replenishment Study (ARRS) Report is not done as per MoEF & CC, Govt. of India guideline. Hence, replenishment study report is rejected. The PP is required to submit Annual rate of replenishment study (ARRS) report by 31st December 2024 through ORSAC empanel agency. Pending submission of ARRS report an extractable quantity of **2675 cum** (i.e. 25% of the 1st year production quantity 10700 cum allowed in EC letter) is allowed in 2nd year lease period on adhoc basis.

- The validity of EC is for 2nd year or validity of DSR or validity of lease period, whichever is earlier.
- The Grant of EC for further period will be considered after submission of approved DSR by SEIAA as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020 and also as per the Hon'ble Supreme Court order vide its order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others).
- The Project proponent shall follow Enforcement & Monitoring Guideline for sand mining-2020 before and during operation of quarry.
- The Project Proponent (lease holder) shall deposit Rs.2,00,000/-, with the respective District Environment Society for raising 400 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


Chairman, SEIAA



Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 & 14.07.2023


AGENDA NO.127.19

Proposal No.	SIA/OR/MIN/295014/2022
Date of application	07.12.2022
File no.	68119/150-MINB1/10-2021
Project Type	Proposal for Amendment of EC for based on the replenishment study report.
Category	B1
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Nuapalli Sand Quarry over An Area Of 19.44 Acres 7.867 Ha. At Village Nuapalli, Tehasil-Bhapur, Dist- Nayagarh, Odisha
Name of the company/Organization	Sri Rajesh Kumar Pradhan
Location of Project	Village Nuapalli, Tehasil-Bhapur, Dist- Nayagarh, Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for amendment of EC of Nuapalli Sand Quarry over An Area Of 19.44 Acres 7.867 Ha. At Village Nuapalli, Tehasil-Bhapur, Dist- Nayagarh, Odisha.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC22B001OR144819 dated 19.04.2022 in favour of Sri Rajesh Kumar Pradhan the (Successful Bidder) for mining of sand from Nuapalli Sand Quarry over An Area Of 19.44 Acres 7.867 Ha. At Village Nuapalli, Tehasil-Bhapur, Dist- Nayagarh, 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 **26017 cum** with depth of sand deposition was 1.0 meter and proposed for annual extraction-**2800 cum**.
 - (iv) As per the ToR the PP had submitted replenishment report where it is mentioned that quantity of sand replenished is **11760 cum**.
 - (v) The SEIAA also granted EC for 1st year production **1000 cum with 0.5 m of depth of mining**.
 - (vi) 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., **November, 2022** if satisfactory replenishment study report is not submitted."
 - (vii) The has extracted **1000 cum** of sand for 1st year lease period
 - (viii) The PP has submitted replenishment study report done by RQP Sri Satyranjan Mohanty through volumetric method and it is mentioned that pre-monsoon RL 68 and post-monsoon RL 67 and quantity of sand replenished is 21600. **Proposed production is 21600 cum**.
 - (ix) Any deficiencies/omission have been noticed in the above documents-**Nil**

Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 & 14.07.2023

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2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 28th & 30th June 2023 and the SEAC recommend the follows: -
- d) The SEAC observed that Replenishment Study submitted there is no change in RL of pre and post monsoon levels (67m). This suggests there is no replenishment in the season. Project Proponent has not submitted correct calculation as per replenishment study in the proposal. Hence, no extraction can be allowed based on the present study as there is no replenishment.

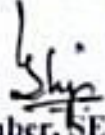
Decision of Authority: Rejected

The Authority observed that the Annual Rate of Replenishment Study (ARRS) Report is not done as per MoEF & CC, Govt. of India guideline. Hence, replenishment study report is rejected. No mining is allowed till submission of Annual rate of replenishment study (ARRS) report through ORSAC empanel agency.

APPROVED BY



Member Secretary, SEIAA



Member, SEIAA



Chairman, SEIAA

**Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 &
14.07.2023**



AGENDA NO.127.20

Proposal No.	SIA/OR/MIN/296077/2022
Date of application	23.01.2023
File no.	SEIAA-1121/12-2020
Project Type	Proposal for Amendment of EC for based on the replenishment study report.
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Balanga River Sand Bed, Pundura Over an area of 12.35 Acres Or 5.00 Hectares in Village Pundura Under Shamakhunta Tahasil In Mayurbhanj District Odisha
Name of the company/Organization	Sri Abani Pattanayak, S/o-Late Jaladhar Pattanayak, At-Deulasahi, Ward no-07 PO/PS-Baripada, District-Mayurbhanj, Odisha
Location of Project	Village Pundura Under Shamakhunta Tahasil In Mayurbhanj District Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for amendment of EC of Balanga River Sand Bed, Pundura Over an area of 12.35 Acres Or 5.00 Hectares in Village Pundura Under Shamakhunta Tahasil In Mayurbhanj District Odisha.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 1395/SEIAA dated 24.05.2021 in favour of Tahasildar Shamakhunta and later EC transfer vide letter no. 3814/SEIAA dated 13.01.2022 in favour of Sri Abani Pattanayak the (Successful Bidder) for mining of sand from Balanga River Sand Bed, Pundura Over an area of 12.35 Acres Or 5.00 Hectares in Village Pundura Under Shamakhunta 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 **68245 cum** with depth of sand deposition was 1.0 meter and proposed for annual extraction-**20000 cum**.
 - (iv) The SEIAA also granted EC for 1st year production **4549 cum with 1.0 m of depth of mining**.
 - (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., **May, 2022** if satisfactory replenishment study report is not submitted."
 - (vi) The has extracted **4549 cum** of sand for 1st year lease period
 - (vii) The PP has submitted replenishment study report done by ORSAC emapanell agency through drone method and it is mentioned that pre-monsoon reserve 10238.36 cum and

Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 & 14.07.2023



post-monsoon reserve 9201.133 cum. However, volume of sand available after post-monsoon is 7824.791 cum. Proposed production is 7824.791 cum.

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

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 28th & 30th June 2023 and the SEAC recommend the follows: -

- a) The replenishment study is confusing and having no clarity or conclusion. These needs be repeated and carried out by a professional. Till that time Project Proponent may be allowed as per the quantity earlier permitted i.e. 4549cum.

Decision of Authority: Approved

The Authority decided that the Annual Rate of Replenishment Study (ARRS) Report is not done as per MoEF & CC, Govt. of India guideline. Hence, replenishment study report is rejected. The PP is required to submit Annual rate of replenishment study (ARRS) report by 31st December 2024 through ORSAC empanel agency. Pending submission of ARRS report an amount of quantity of 1137 cum (i.e. 25% of the 1st year production quantity 4549 cum allowed in EC letter) of sand is allowed to extract in 2nd year lease period on adhoc basis.

- The validity of EC is for 2nd year or validity of DSR or validity of lease period, whichever is earlier.
- The Grant of EC for further period will be considered after submission of approved DSR by SEIAA as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020 and also as per the Hon'ble Supreme Court order vide its order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others).
- The Project proponent shall follow Enforcement & Monitoring Guideline for sand mining-2020 before and during operation of quarry.
- The Project Proponent (lease holder) shall deposit Rs.2,50,000/-, with the respective District Environment Society for raising 400 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


Chairman, SEIAA



Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 &

14.07.2023

AGENDA NO.127.21

Proposal No.	SIA/OR/INFRA2/435580/2023
Date of application	10.07.2023
File No.	435580/118-INFRA2/07-2023
Project Type	ToR
Category	B1
Project/Activity including Schedule No.	8(b) Township and Area Development Projects
Name of the Project	Proposal of ToR for proposed Construction of 'Residential' Project Over a Plot area of 23,318.25 Sqmt (5.76 acres) spread over Plot No. 419,437/ 1078, 425, 440, 422, 423/2294, 421, 420, 414, 441, 426/4153, 430/4152, 426/3487; 426/4139, 426, 426/1203 with Total Builtup area of 1, 77,574.76 Sqmt at Mouza Uttarmundamuhan, Tahasil-Jatani, District-Khordha by M/s Acreplex Realty Pvt Ltd
Name of the company/Organization	Applicant: M/s Acreplex Realty Pvt. Ltd. Shri Shashikant Barik, Director
Location of Project	Mouza Uttarmundamuhan, Tehsil-Jatani, District-Khordha
Proposal No.	SIA/OR/INFRA2/435580/2023
Name of the Consultant	N/A

2.Project Details: 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 of M/s Acreplex Realty Pvt Ltd for ToR for proposed Construction of 'Residential' Project Over a Plot area of 23,318.25 Sqmt (5.76 acres) spread over Plot No. 419,437/ 1078, 425, 440, 422, 423/2294, 421, 420, 414, 441, 426/4153, 430/4152, 426/3487, 426/4139, 426, 426/1203 with Total Builtup area of 1, 77,574.76 Sqmt at Mouza-Uttarmundamuhan, Tahasil-Jatani, District-Khordha filed by Shri. Shashikant Barik, Director.
- (ii) M/s Acreplex Realty Pvt Ltd. proposes construction of Residential Project at Mouza-Kalarahanga, Tahasil-Bhubaneswar, District-Khordha. The site is coming under development plan of Bhubaneswar Development Authority.
- (iii) Location and Connectivity- The geographical coordinates of the project site are Latitude-20°13'17.87"N and Longitude-85°43'28.94"E. The project will be developed on a land measuring 5.76 ha or 23,318.25 m at Mouza- Uttarmundamuhan, Tahasil-Jatani, District-Khordha. The Nearest Highway is NH-57 is 10 km towards SW direction, NH16 is 0.20 km towards N direction, NH-316 is 13 km towards E direction, & SH-13 is 7 km towards S direction. The nearest Railway Station is Bhubaneswar Railway Station & Retang Railway Station are about 13 km (ENE) & 5 km (ESE) away from the project site. Biju Patnaik International Airport is at 10 km (ENE) from project site.
- (iv) The Details of area statement of the building project is as follows:

Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 & 14.07.2023



Particulars	Detail Area (in Sqmt.)
Plot Area	23,318.25 Sqmt, or 5.76 Acres
Proposed Ground Coverage	7,050.64 Sqmt.(30.23% of the plot area))
Total built up area	1,77,574.76 sqmt.
Proposed Green Area (@ 17.1% of the plot area)	3977.88
Proposed Parking Area (@ 30.17% of FAR area)	37,665.78 sqmt/1082ECS.
FAR Area	1,24,826.30 Sqmt.
Maximum height of building	113.95 m
Total no. of Dwelling Units	1008 Units
No. of Blocks	Tower 1 (3BHK + 4BHK), Tower 2 (3BHK + 4BHK), Tower 3 (3BHK + 4BHK),and Tower 4(3BHK + 4BHK) With Club House, Swimming, Pool, Children's Play Area, etc
DG Set	1no of 200 KVA
Total Project Cost	500 Crores, EMP- Rs. 102.986 Lakhs as capital cost & Rs.34.746 Lakhs as
No of Population (residential, visitors, staff, etc)	7354 Nos.

- (v) Water requirement: During operation phase, the total water requirement will be 905KLD which will be sourced from Ground water. The total domestic water requirement is 862 KLD which includes flushing water 293 KLD. The total fresh make up water requirement will be approx. 569 KLD.
- (vi) Waste Water Generation Details: The project will generate approx. 748 KLD of wastewater and it will be treated in an onsite STP of 748 KLD capacity with MBBR technology. Treated water of about 673KLD will be reused and recycled in the process. The PP has submitted that during non-monsoon period about 364KLD surplus treated waste water will be discharged to nearby municipal drain and during monsoon period 379KLD surplus treated waste water will be discharged to drain and during winter season 373KLD will be discharged to nearby drain for which prior permission will be taken from the competent authority.
- (vii) Power requirement: The power supply will be supplied by TPCODL (TP Central Odisha Distribution Limited).The power demand for the project is 4558 kVA and power backup incase of emergency will be provided by 3 nos. of DG sets total 2375 kVA (1 x 1250 + 1 x 625 + 1x 500 kVA) capacity. Solar power provided -227.9KVA(5% of total load demand)
- (viii) Rain water Harvesting Pits Provided: Total 06 Nos. of rain water harvesting pits will be constructed at different locations inside the project.

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Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 &

14.07.2023

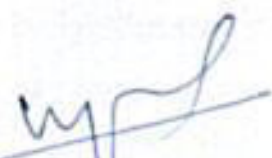
- (ix) **Parking Requirement:** Total parking provided in the project is 37,665.78 sqmt/1082ECS (30.17% of FAR area).
- (x) **Fire fighting Installations:** Fire fighting system will be installed as per recommendation of the Fire fighting Officer, Odisha and as per the guideline of NBC (part-4).
- (xi) **Green Belt Development:** Total green and open area measures 3977.88 Sqmt i.e. (17.1 % % of total area). Trees like Azadirachta indica, Melia azedarch, Terminalia arjuna, Terminalia alata, Michelia Champaca, etc. and flowering and ornamental plants have been proposed to be planted inside the premises. The suggested plant species will consist of large trees, small trees and green lands. Total no. of trees to be planted 291 Nos.
- (xii) **Solid Waste Management:** During the operation phase, waste will comprise domestic waste. The solid waste generated from the project shall be mainly MSW (Municipal solid waste) approx. 3403 kg/day, following arrangements shall made at the site in accordance to Municipal Solid Wastes (Management and Handling) Rules, 2000 and amended Rules, 2016. This will be collected in Separate colored bins. Proper waste management practices will be adopted during the collection, storage and disposal of the generated solid waste and construction and demolition waste.
- (xiii) The cost of the project is Rs. 500 Crores. The PP has allocated Rs. 102.986 Lakhs as capital cost & Rs.34.746 Lakhs as recurring cost to be utilized each year towards implementation of EMP.
- (xiv) The Environment consultant Grass Roots Research & Creation India (P) Ltd, Noida has submitted the Form-1, Form-1A & conceptual plan for the project.
- (xv) The proposal is placed in the SEIAA meeting for issue of standard ToR as per Ministry OM F.No.IA 3-22/15/2022-IA-III dated 06.05.2022.
- (xvi) Any deficiencies/omission have been noticed in the above documents- PP has submitted undertaking to submit the in-principle approval letter, greenbelt less than 20%, huge discharge of surplus drainage water, EMP cost less as compared to project cost, etc.

3. Whether SEAC recommended the proposal –No. As per Ministry OM F.No.IA 3-22/15/2022-IA-III dated 06.05.2022.

Decision of Authority:

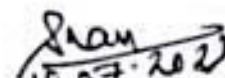
After detailed deliberation the Authority observed that issues relating to water, waste water, storm water required detail examination before issue of ToR. Further, the green area, EMP and STP capacity appear to be lower than the specifications. Hence, the proposal is referred ~~back~~ to SEAC for further examination.

for


Member Secretary, SEIAA

APPROVED BY

Member SEIAA


14.07.2023
Chairman, SEIAA

**Minutes of 127th Meeting of SEIAA, Odisha Held on 12.07.2023, 13.07.2023 &
14.07.2023**



AGENDA NO.127.22

Proposal No.	SIA/OR/MIN/296129/2022
Date of application	24.01.2023
File no.	247613/511-MINB2/01-2022
Project Type	Proposal for Amendment of EC for based on the replenishment study report.
Category	B2
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC for mining of sand from Kumbharapada Sand Quarry over an area of 12.05 Acres or 4.876Ha. at Village- Kumbharapada, Tahasil-Khandapada, Dist.- Nayagarh.
Name of the company/Organization	Sri Pramod Bhola
Location of Project	Village-Kumbharapada, Tahasil-Khandapada, Dist.- Nayagarh
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for amendment of EC of Bhola for mining of sand from Kumbharapada Sand Quarry over an area of 12.05 Acres or 4.876Ha. at Village-Kumbharapada, Tahasil- Khandapada, Dist.- Nayagarh.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC22B001OR146295 dated 11.03.2022 in favour of Sri Pramod Bhola the (Successful Bidder) for mining of sand from Bhola for mining of sand from Kumbharapada Sand Quarry over an area of 12.05 Acres or 4.876Ha. at Village- Kumbharapada, Tahasil-Khandapada, Dist.- Nayagarh.
 - (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 **21268.5 cum** with depth of sand deposition was 0.75 meter and proposed for annual extraction-**2817 cum**.
 - (iv) The SEIAA also granted EC for 1st year production **2400 cum with 0.25 m of depth of mining**.
 - (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., **November, 2022** if satisfactory replenishment study report is not submitted."
 - (vi) The has extracted **2400 cum** of sand for 1st year lease period
 - (vii) The PP has submitted replenishment study report done by NABET consultant M/s. Right Source Industrial Pvt. Ltd. through drone method and it is mentioned that pre-monsoon mRL is 76.5 and post-monsoon mRL is 77.66 and after post-monsoon estimated reserve is **20267.52 cum**. Proposed production is **2733 cum**.
 - (viii) Any deficiencies/omission have been noticed in the above documents-**Nil**

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