

**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

- (xv) Date of approval of **Modified** mining plan- the Deputy Director of Geology O/o of Steel & Mines Dept. Govt. of Odisha on 08.12.2022
- (xvi) As per the approved mining plan the geological reserve is 241608 cum, Mineable reserve is 197591 cum and proposed for annual production 100048 cum/annum and total production **in 2 years will be 154877 cum** with 6.0 m depth of mining.
- (xvii) Whether the DSR has been prepared 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- **No**
- (xviii) Budget provision for cluster EMP-Capital cost Rs. 50 Lakh and recurring cost is Rs. 20lakh/annum, CER cost for cluster-Rs.58.00,000/-
- (xix) Budget for individual quarry of **Rs. 2,00,000/-(Capital Cost) and Rs. 40,000/-(Recurring cost) CER cost-Rs. 1.0 Lakh per annum**
- (xix) Any deficiencies/omission have been noticed in the above documents- Not submitted earlier EC copy and its compliance. In this case EC granted earlier by DEIAA vide letter no. 1133/DEIAA dated 19.04.2018 and later EC transfer vide letter no. 4716/SEIAA dated 02.06.2022. The PP has submitted suo-moto declaration as this violation case for excess mining earlier now submitted proposal for no violation.

2. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 03.08.2021 and the SEAC recommended cluster EIA & EMP proposal with opinion that the PP ask to submit individual EC application again.
3. The proposal was placed in the 126<sup>th</sup> SEIAA, Odisha meeting and the Authority observed that this a proposal for which EC granted earlier by DEIAA vide letter no. 1133/DEIAA dated 19.04.2018 and later EC transfer vide letter no. 4716/SEIAA dated 02.06.2022. As per MoEF & CC OM dated 28.04.2023, it needs to be re-appraisal. The PP has submitted the Suo-moto declaration that mining occurred last three years beyond the lease area, but the quantity of excess mining and depth of mining is not known. Now, the proposal envisages increase in production quantity from 11,511 cum/annum to 54,830 cum for 4<sup>th</sup> year and 100048 cum for 5<sup>th</sup> year. The Authority decided to reject the EC application in light of MoEF&CC, Govt. of India OM No. F.No. IA3-22/11/2023-IA.III(E), dated 28.04.2023. The concerned Tahasildar shall apply afresh for Environmental Clearance in violation category with all documents as mentioned in the MoEF&CC, Govt. of India OM No. F.No. IA3-22/11/2023-IA.III(E), dated 28.04.2023.
4. Now, the PP has submitted present proposal for increasing production and as no violation but in this case cluster EIA and EMP approved for maximum annual production 100000 cum/annum.

**Decision Of Authority: ADS**

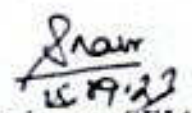
After detailed deliberation in the matter, the Authority decided to seek clarification/information from the Tahasildar, Dharmasala on the following:

1. The Tahasildar, Dharmasala to clarify that due to increase in the production capacity in the individual stone quarry, the Cluster EIA/EMP report which was approved earlier is also required to be amended & may require Public Consultation afresh. The Tahasildar is required to take a view keeping the cluster in mind while seeking changes in individual mining cases.
2. The earlier proposal submitted vide file no. SIA/OR/MIN/415181/2023 dated 06.05.2023 for the same site contain a suo-moto declaration of violation case which is missing in the present proposal. The Tahasildar may clarify on the above points.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA



**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

- (xv) As per the approved mining plan the geological reserve is 423922 cum, Mineable reserve is 131852 cum and proposed for annual production 25102 cum/annum and total production in 5 years will be 125291 cum with 6.0 m depth of mining.
- (xv) Whether the DSR has been prepared 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- **No**
- (xvi) Public hearing of Anjira-Makundapur Hillocks (Cluster 1) mines for production of building stone/ road metal over an area of 55.79 Ha.(15nos of mining leases) at Anjira & Mukundapur village under Dharmasala tahasil of Jajpur district was conducted on 28.08.2020 at 10.30 PM at Kalyani Mandap, Marjitapur, Jajpur.
- (xvii) Any deficiencies/omission have been noticed in the above documents-Not submitted EMP, village is located 50 meter away from proposed quarry. Mining plan prepared for no blasting but in application the PP has mentioned that blasting will be involved, checklist is incomplete.

2. **Whether SEAC recommended the proposal**-The proposal was placed in the SEAC meeting held on 03.08.2021 and the SEAC recommended cluster EIA & EMP proposal with opinion that the PP ask to submit individual EC application again.

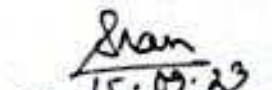
**Decision of Authority: ADS**

After detailed deliberation in the matter, the Authority decided that the PP may be asked to submit the EMP report in line with the approved cluster EIA/EMP along with an undertaking to implement the EMP within a specific time period. Further, in addition to the undertaking the PP shall also give in writing that any change in EMP cost shall be borne by them. Further, the CER cost will address the concerns raised during the public consultation process in physical terms and it shall be part of the EMP as per the provision of OM No.22-65/2017-IA.III dated 30.09.2020 of MoEF & CC, GoI for compliance of public hearing issues raised during public consultation.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA



**AGENDA NO.135.12**

Proposal No.	SIA/OR/MIN/433677/2023
Date of application	19.07.2023
File No.	433677/959-MINB2/08-2023
Project Type	Proposal for fresh EC
Category	B2 but in cluster it is coming in B1-project
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Anjira Black Stone Quarry No-18 Over An Area 3.00 Ac or 1.214 Ha In Village Anjira Under Dharmasala Tahsil Of Jajpur District Of Odisha
Name of the company/Organization	Sri Agnibesh Swain
Location of Project	Village Anjira Under Dharmasala Tahsil Of Jajpur 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 mining of stone from Anjira Black Stone Quarry No-18 Over An Area 3.00 Ac Or 1.214 Ha In Village Anjira Under Dharmasala Tahsil of Jajpur District Of Odisha.
  - (ii) The mining area is a part of Survey of India Toposheet No. : F45U1, and the lease area bounded by Latitude: 20°50'33.02" N to 20°50'29.44" N and Longitude: 86°02'41.39" E to 86°02'47.52" E.
  - (iii) The mining lease is an identified sairat source in the DSR. The Anjira Black Stone Quarry No-18 sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Dharmasala to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
  - (iv) Documents submitted: -Form-1, PFR, D.L.C., EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
  - (v) Whether submitted KML file of the lease area-Yes
  - (vi) Whether submitted scrutiny fee-Yes. of Rs. 1000/- vide e-Challan Reference Id No. 35B20166AD dated 19.06.2023
  - (vii) Distance from nearest sanctuary/ESZ- Kapilash-34.00 Km
  - (viii) Whether the lease area coming in DLC report-No, clarified by Tahasildar vide letter no. 1309 dated 28.03.2023
  - (ix) Whether the lease area reflecting in DSR-Yes
  - (x) Method of mining-Semi-mechanized, no blasting will be done
  - (xi) Distance from nearest road bridge-5.24 km, NH-53 is 1.05Km
  - (xii) Whether it is part of cluster –Yes, Cluster-1 Mines which is constituted of 15 nos of quarry leases of Anjira and Makundapur hillocks over an total area of 55.79 Ha./ 137.86 Ac. in village - Anjira & Makundpur, Tahasil – Dharmasala, District – Jajpur, Odisha of Tahasildar Dharmasala. The proposal was placed in the SEAC meeting held on 03.08.2021 and the SEAC recommended cluster EIA & EMP proposal with opinion that the PP ask to submit individual EC application again.
  - (xiii) Date of approval of mining plan- the Deputy Director of Geology on 27.01.2022





**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

- (xviii) EMP budget provision of Rs. 1.20 Lakh/annum
- (xix) Any deficiencies/omission have been noticed in the above documents-Quarry is located middle of the water channel

2. **Whether SEAC recommended the proposal** –The proposal was placed in SEAC meeting held on 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and after detailed discussion the SEAC observed the following:-

- i) In kml file and topomap it appears that proposed quarry is located middle of the water channel. The Project Proponent has clarified that most of the time the lease area remains dry and at the time when water from Rengali Dam reaches at the lease area, it flows through a channel and at that time no mining operation will be taken place. The **SEAC decided to reject** the proposal as sand mining is not allowed in middle of the water channel as it will disturb the natural flow of river.

**Decision Of Authority: Rejected**

The Authority observed that the SEAC have rejected the EC proposal citing that the proposed quarry is located in the middle of the water channel as evident from the kml file and topo map. The SEAC have also opined that sand mining is not allowed in middle of the water channel as it will disturb the natural flow of river.

After detailed deliberations in the matter, the Authority agreed with the recommendation of SEAC and **decided to reject the EC application.**

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
11.09.23  
Chairman, SEIAA





<b>AGENDA NO.135.13</b>	
Proposal No.	SIA/OR/MIN/429004/2023
Date of application	07.07.2023
File No.	429004/952-MINB2/07-2023
Project Type	Proposal for EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Kumardeipur Sand Quarry over an area of 11.85Acre or 4.795 Ha under Dhenkanal Tahasil of Dhenkanal District Odisha.
Name of the company/Organization	Sri Ramesh Chandra Panda
Location of Project	Village- Kumardeipur, Tahasil-Dhenkanal, Dist-Dhenkanal
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 mining of sand from Kumardeipur Sand Quarry over an area of 11.85Acre or 4.795 Ha under Dhenkanal Tahasil of Dhenkanal District Odisha.
  - (ii) The mining area is a part of Survey of India Toposheet No. F45U10, and the lease area bounded by Latitude: 20°44'25.52" N to 20°44'32.61" N and Longitude: 85°35'18.70" E to 85°35'27.83" E.
  - (iii) The mining lease is an identified sairat source in the DSR. The Kumardeipur Sand Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Dhenkanal to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
  - (iv) Documents submitted: -Form-1, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
  - (v) Whether submitted KML file of the lease area-Yes
  - (vi) Whether submitted scrutiny fee-Yes, of Rs. 2000/- vide e Challan Reference Id 35B72A0D3F dated 06.07.2023
  - (vii) Distance from nearest sanctuary/ESZ- Kapilash WLS-13.15 Km
  - (viii) Whether the lease area coming in DLC report-No,
  - (ix) Whether the lease area reflecting in DSR-Yes
  - (x) Method of mining-Manual
  - (xi) River-Brhamani, Depth of sand deposition-1.0 meter
  - (xii) Distance from nearest road bridge-3.55 km, village road -0.55 km,
  - (xiii) Whether it is part of cluster -No
  - (xiv) Whether EC obtained earlier-No
  - (xv) Date of approval of mining plan- the Joint Director of Geology, South Zone, Dhenkanal on 11.11.2022
  - (xvi) Production capacity per annum-20568 cum/annum (max.), total production in 5 years period-102840 cum, Geological reserve-39042 cum and Mineable reserve-20568 cum and proposed depth of mining-1.0 m
  - (xvii) Whether the DSR has been prepared 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- **No**



**AGENDA NO.135.14**

Proposal No.	SIA/OR/MIN/432006/2023
Date of application	03.07.2023
File No.	432006/945-MINB2/07-2023
Project Type	Proposal for EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Bainapadar Sand Quarry is a sand mining project over an area of 9.61 Acre or 3.889 Ha. located in village - Bainapadar & pratpur / Karama, Tahasil - Gunupur in District - Rayagada of Odisha in favour of Executive Engineer Megalift Project Division.
Name of the company/Organization	Sri Bikash Chandra Pradhan
Location of Project	village - Bainapadar & Pratpur / Karama, Tahasil - Gunupur in District - Rayagada 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 mining of sand from Bainapadar Sand Quarry is a sand mining project over an area of 9.61 Acre or 3.889 Ha. located in village - Bainapadar & pratpur / Karama, Tahasil - Gunupur in District - Rayagada of Odisha.
  - (ii) The mining area is a part of Survey of India Toposheet No. 65M16, and the lease area bounded by Latitude: 19° 02' 00.08" N to 19° 02' 13.79" N and Longitude: 83° 47' 10.43" E to 83° 47' 24.06" E.
  - (iii) The mining lease is an identified sairat source in the DSR. The Bainapadar Sand Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Gunupur to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
  - (iv) Documents submitted: -Form-1, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
  - (v) Whether submitted KML file of the lease area-Yes
  - (vi) Whether submitted scrutiny fee-Yes, of Rs. 2000/- vide e Challan Reference Id 35B72A0D3F dated 06.07.2023
  - (vii) Distance from nearest sanctuary/ESZ- Kotagarh WLS-84.84 Km
  - (viii) Whether the lease area coming in DLC report-No,
  - (ix) Whether the lease area reflecting in DSR-Yes
  - (x) Method of mining-Manual
  - (xi) River-Bansadhara, Depth of sand deposition-1.5 meter
  - (xii) Distance from nearest road bridge-6.97 km, village road -0.20 km,
  - (xiii) Whether it is part of cluster -No
  - (xiv) Whether EC obtained earlier-No
  - (xv) Date of approval of mining plan- the Joint Director of Geology, South Zone, Dhenkanal on 11.11.2022



**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

- (xvi) Production capacity per annum-23000 cum/annum (max.), **total production in 90days** Geological reserve-52455 cum and Mineable reserve-34500 cum and proposed depth of mining-1.5 m
- (xvii) Whether the DSR has been prepared 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- **No**
- (xviii) EMP budget provision of Rs. 1.0 Lakh/annum (Capital Cost) and Rs. 0.50 Lakh(Recurring cost).
- (xix) Any deficiencies/omission have been noticed in the above documents-Quarry period is only 3 months and the proposed quarry is not included in the DSR.

**Whether SEAC recommended the proposal** –The proposal was placed in SEAC meeting held on 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and the SEAC recommended to reject the proposal and return to the SEIAA, Odisha for the following reason:

- i) Lease period to consider Environmental Clearance for a minor mineral mining project is minimum 5 years.
- ii) The application has been submitted by the lessee for grant of EC for a lease period of 3 months (i.e., less than 5 years), which is not permissible.

**Decision Of Authority: Rejected**

After detailed deliberations in the matter, the Authority agreed with the recommendation of SEAC and **decided to reject the EC** application as mentioned below:

- i) Lease period to consider Environmental Clearance for a minor mineral mining project is minimum 5 years.
- ii) The application has been submitted by the lessee for grant of EC for a lease period of 3 months (i.e., less than 5 years), which is not permissible.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA



**AGENDA NO.135.15**

Proposal No.	SIA/OR/MIN/400364/2022
Date of application	27.01.2023
File No.	400364/947-MINB2/07-2023
Project Type	Proposal for EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Babuchakuli Stone Quarry over an area of 4.071 Hectare or 10.06 acres in village Babuchakuli under Rengali Tahasil and District of Sambalpur Odisha
Name of the company/Organization	Sri Pradeep Kumar Agrawal
Location of Project	Village Babuchakuli Under Rengali Tahasil And District Of Sambalpur 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 mining of stone from Babuchakuli Stone Quarry over an area of 4.071 Hectare or 10.06 acres in village Babuchakuli under Rengali Tahasil and District of Sambalpur Odisha.
  - (ii) The mining area is a part of Survey of India Toposheet No. F45M2 (73C/2), and the lease area bounded by Latitude: 21° 38' 57.12" N to 21° 39' 12.87" N and Longitude: 84° 01' 17.22" E to 84° 01' 38.96" E.
  - (iii) The mining lease is an identified sairat source in the DSR. The Babuchakuli Stone Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Rengali to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
  - (iv) Documents submitted: -Form-1, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
  - (v) Whether submitted KML file of the lease area-Yes
  - (vi) Whether submitted scrutiny fee-Yes, of Rs. 1000/- vide e Challan Reference Id 336A186E6E dated 23.08.2022
  - (vii) Distance from nearest sanctuary/ESZ- Debrigarh WLS-29.0 Km
  - (viii) Whether the lease area coming in DLC report-No,
  - (ix) Whether the lease area reflecting in DSR-Yes
  - (x) Method of mining-Semi-mechanized and drilling and blasting will be involved.
  - (xi) Distance from nearest road bridge-3.17 km, village road -0.16 km,
  - (xii) Whether it is part of cluster -Yes, total cluster (Babuchakuli-1, 2 & 3) area is 4.961 Ha
  - (xiii) Whether EC obtained earlier-Yes, submitted EC compliance
  - (xiv) Date of approval of mining plan- the Joint Director of Geology, Zonal Survey, Sambalpur on 24.04.2020
  - (xv) Production capacity per annum-9025 cum/annum (max.), total production in 5 years is 42864 cum, Geological reserve-588240 cum and Mineable reserve-331977.5 cum and proposed depth of mining-6.0 m



**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

- (xvi) Whether the DSR has been prepared 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- No
- (xvii) EMP budget provision of Rs. 9.0 Lakh/annum (Capital Cost) and Rs. 9.50 Lakh(Recurring cost).
- (xviii) 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 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and the SEAC **recommended** to grant EC valid from the date of EC accorded up to the lease period with following additional conditions.

- Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.
- In view of likely revision of DSR the mention of this deposit with final coordinates is to be ensured
- Plantation programme to be completed within first two years and to be maintained in remaining years.
- Depth of Mining as proposed should not be beyond 6m from the ground level.
- Mitigation measures for flying Rock for safety be put in place.
- Stone quarry project proponent need to maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.
- The boundary area of the deposit as per the revised / updated DSR to be defined by geo coordinates based on DGPS survey superimposed on the cadastral map.
- Construction of garland drains retaining wall and settling tank should be ensured to prevent erosion during rainfall and to collect silt generated during the mining activity.
- Air quality monitoring shall be carried out thrice in a year. (season-wise)

**Decision of Authority: Approved**

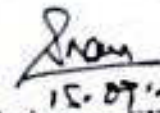
After detailed deliberation in the matter, the Authority decided to grant EC with usual stipulated conditions as applicable for stone quarry along with specific condition as follows:

- Maximum depth of mining 6.0 meter and maximum quantity of extraction shall be limited to **7904 cum** in 1<sup>st</sup> year and **8398 cum** in 2<sup>nd</sup> year.
- The validity of EC for 1<sup>st</sup> year and 2<sup>nd</sup> year is subjected to 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 (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.
- The PP will implement the EMP with a budgetary allocation of Rs.9.00 lakhs (as Capital Cost) and of Rs. 9.50lakhs (as recurring cost) as proposed during the valid lease period of 5 years.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
15.09.23  
Chairman, SEIAA





**AGENDA NO.135.16**

Proposal No.	SIA/OR/MIN/424669/2023
Date of application	11.05.2023
File No.	424669/340-MINB1/05-2023
Project Type	Proposal for EC
Category	B1
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Uppalada Stone Quarry - I, IV, VIII, IX (under cluster approach of Uppalada Stone Quarry - I, II, III, IV, V, VIII, IX) is a stone mining project over an area of 20.478 Ha. and Total Cluster area of 39.811 Ha. located in village-Uppalada, Tahasil- Paralakhemundi in District - Gajapati of Odisha.
Name of the company/Organization	Tahasildar, Paralakhemundi
Location of Project	Village Babuchakuli Under Rengali Tahasil and District Of Sambalpur Odisha
ToR Date	02.09.2022
Name of the Consultant	M/s. P & M Solution

**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 mining of stone from Uppalada Stone Quarry - I, IV, VIII, IX (under cluster approach of Uppalada Stone Quarry - I, II, III, IV, V, VIII, IX) is a stone mining project over an area of 20.478 Ha. and Total Cluster area of 39.811 Ha. located in village-Uppalada, Tahasil- Paralakhemundi in District - Gajapati of Odisha..
  - (ii) The mining area is a part of Survey of India Toposheet No. E45G1 and the lease area bounded by Latitude: -18° 49' 25.46" N to 18° 49' 33.49" N , Longitude – 84° 10' 00.28" E to 84° 10' 07.38" E.
  - (iii) The mining lease is an identified sairat source in the DSR. The Uppalada Stone Quarry - I, IV, VIII, IX (under cluster approach sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Paralakhemundi to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
  - (iv) Documents submitted: -Form-1, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
  - (v) Whether submitted KML file of the lease area-Yes
  - (vi) Whether submitted scrutiny fee-Yes, of Rs. 2000/- vide e Challan Reference Id 2EBAF2C9C0 dated 04.07.2020
  - (vii) Distance from nearest sanctuary/ESZ- Debrigarh WLS-29.0 Km
  - (viii) Whether the lease area coming in DLC report-No,
  - (ix) Whether the lease area reflecting in DSR-Yes
  - (x) Method of mining-Semi-mechanized and drilling and blasting will be involved.
  - (xi) Distance from nearest road bridge-3.17 km,
  - (xii) Whether it is part of cluster –Yes, total cluster (Uppalada - I, II, III, IV, V, VIII, IX) area is 20.478 Ha but application applied for only not operating mines i.e. Uppalada- I, IV, VIII, IX under only.
  - (xiii) Whether EC obtained earlier-Yes, EC obtained some quarry



**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

- (xi) Date of approval of mining plan- the Deputy Director of Geology, South Zone, Berhampur on 06.10.2020
- (xv) Production capacity per annum-24750 cum/annum (max.), total production in 5 years is 61020 cum, Geological reserve-7024659 cum and Mineable reserve-5227335.5 cum and proposed depth of mining-6.0 m
- (xvi) Whether the DSR has been prepared 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- **No**
- (xvii) EMP budget provision of Rs. 19.33,900/-annum (Capital Cost) and Rs. 13,24,000/- (Recurring cost) and CER Cost is 5.20 Lakh for cluster.
- (xviii) 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 19.06.2023 and the SEAC opinion that the proposed project is in cluster approach with 7 stone quarries. Out of 7 stone quarries, earlier Environmental Clearance for two quarries had been granted by DEIAA and one from SEIAA. As per the MoEF&CC, Govt. of India OM dated 28.04.2023, the previous EC granted from DEIAA, needs to be re - approved by SEIAA after re-appraisal from SEAC. In view of the above, the SEAC recommended to return the proposal to SEIAA, Odisha with a request to ask the project proponent to apply a fresh for EC for 7 quarries in cluster along with revised EIA study before expiry of the lease period.

3. The PP has already applied a fresh proposal on 26.08.2023 which is pending at SEAC.

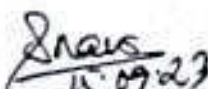
**Decision Of Authority: Rejected**

After detailed deliberations in the matter, the Authority agreed with the recommendation of SEAC and **decided to reject the EC application.**

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA 11/09/23

  
Chairman, SEIAA 11.09.23





**AGENDA NO.135.17**

Proposal No.	SIA/OR/MIN/422822/202
Date of application	10.05.2023
File No.	422822/941-MINB2/05-2023
Project Type	Proposal for EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Janakpur-Kaptipada Sand Bed Over an area of 12.35 Acres or 4.99 hectares in village Janakpur & Kaptipada under Kaptipada Tahasil of Mayurbhanj District of Odisha.
Name of the company/Organization	Tahasildar, Kaptipada
Location of Project	village Janakpur & Kaptipada under Kaptipada Tahasil of Mayurbhanj 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 mining of sand from Janakpur-Kaptipada Sand Bed Over an area of 12.35 Acres or 4.99 hectares in village Janakpur & Kaptipada under Kaptipada Tahasil of Mayurbhanj District of Odisha.
  - (ii) The mining area is a part of Survey of India Toposheet No. 73 K/10, and the lease area bounded by Latitude: 210 31' 8.49" N to 210 31' 25.66"N and Longitude 860 32' 14.58" E to 860 32' 22.33"E.
  - (iii) The mining lease is an identified sairat source in the DSR. The Janakpur-Kaptipada Sand Bed sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Kaptipada to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
  - (iv) Documents submitted: -Form-1, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
  - (v) Whether submitted KML file of the lease area-Yes
  - (vi) Whether submitted scrutiny fee-No as Tahasildar as the applicant
  - (vii) Distance from nearest sanctuary/ESZ- Kuldiha WLS-5.42 Km
  - (viii) Whether the lease area coming in DLC report-No,
  - (ix) Whether the lease area reflecting in DSR-Yes
  - (x) Method of mining-Manual
  - (xi) River-Sono, Depth of sand deposition-1.0 meter
  - (xii) Distance from nearest road bridge-0.45 km, SH-19 is 150 meter, Village road-100meter,
  - (xiii) Whether it is part of cluster -No
  - (xiv) Whether EC obtained earlier-Yes from DEIAA, Mayurbhanj and submitted EC compliance.
  - (xv) Date of approval of mining plan- the Deputy Director of Mines Baripada on 07.11.2022
  - (xvi) Production capacity per annum-12,134 cum/annum (max.), total production in 5 years period-60,670 cum, Geological reserve-25,574 cum and Mineable reserve-20,224 cum and proposed depth of mining-0.6 m



**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

- (xvii) Whether the DSR has been prepared 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- No
- (xviii) EMP budget provision of Rs. 1.75 Lakh/annum
- (xix) Any deficiencies/omission have been noticed in the above documents-There is a NGT case for approval of DSR which is yet to be approved.

2. **Whether SEAC recommended the proposal** –The proposal was placed in SEAC meeting held on 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and the SEAC recommended to grant EC valid from the date of EC accorded upto the lease period with specific conditions stipulated for sand mine with following additional conditions.

- a) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.
- b) In view of likely revision of DSR the mention of this deposit with final coordinates is to be ensured.
- c) The boundary area of the deposit as per the updated DSR defined by geo coordinates based on DGPS survey be superimposed on the cadastral map.
- d) Plantation programme to be completed within first two years and to be maintained in remaining years.
- e) The Project proponent shall follow Sustainable Sand Mining Guidelines, 2020.
- f) The proponent shall provide Bio- toilet for the workers.
- g) Project Proponent shall not disturb the water course during mining.

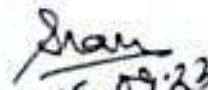
**Decision Of Authority: ADS**

After detailed deliberation in the matter, the Authority decided to ask the PP to submit approved DSR from competent authority.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
15.09.23  
Chairman, SEIAA



**AGENDA NO.135.18**

Proposal No.	SIA/OR/MIN/428356/2023
Date of application	09.05.2023
File No.	428356/923-MINB2/05-2023
Project Type	Proposal for EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Durdura Sand Quarry Mahanadi (GA)-B is a Sand mining project on Mahanadi River over an area of 12.00 Acre / 4.85 Ha. in Village Durdura Under Biramaharajpur Tahasil of Subarnapur District in Favour of Sri Ranjit Kumar Jena.
Name of the company/Organization	Sri Ranjit Kumar Jena
Location of Project	Village Durdura Under Biramaharajpur Tahasil of Subarnapur District
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 mining of sand from Durdura Sand Quarry Mahanadi (GA)-B is a Sand mining project on Mahanadi River over an area of 12.00 Acre / 4.85 Ha. in Village Durdura Under Biramaharajpur Tahasil of Subarnapur District.
  - (ii) The mining area is a part of Survey of India Toposheet No. 73D/1, and the lease area bounded by Latitude: 20° 54' 09.7" N to 20° 54' 00.3" N and Longitude 84° 12' 51.0" E to 84° 12' 44.0" E.
  - (iii) The mining lease is an identified sairat source in the DSR. The Durdura Sand Quarry Mahanadi (GA)-B sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Biramaharajpur to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
  - (iv) Documents submitted: -Form-1, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
  - (v) Whether submitted KML file of the lease area-Yes
  - (vi) Whether submitted scrutiny fee-Yes, of Rs. 2000/- vide e-challan Ref. no. 35AB3289DB dated 05.05.2023
  - (vii) Distance from nearest sanctuary/ESZ- Tikarpada WLS-69.0 Km
  - (viii) Whether the lease area coming in DLC report-No,
  - (ix) Whether the lease area reflecting in DSR-Yes
  - (x) Method of mining-Manual
  - (xi) River-Mahanadi, Depth of sand deposition-1.0 meter
  - (xii) Distance from nearest road bridge-5.56 km, Village road-0.1km
  - (xiii) Whether it is part of cluster -No
  - (xiv) Whether EC obtained earlier-No
  - (xv) Date of approval of mining plan- the Joint Director Geology, Zonal Survey, Balangir vide letter no- 930 on dated: 13.10.2022



**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

- (xvi) Production capacity per annum-22692 cum/annum (max.), total production in 5 years period-113460 cum, Geological reserve-40297 cum and Mineable reserve-33359 cum and proposed depth of mining-1.0 m
- (xvii) Whether the DSR has been prepared 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- **No**
- (xviii) EMP budget provision of Rs. 1.00 Lakh/annum (Capital Cost) and Rs. 0.50 Lakh (Recurring Cost)
- (xix) 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 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and the SEAC **recommended** to grant EC valid from the date of EC accorded upto the lease period with specific conditions stipulated for sand mine with following additional conditions.

- Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.
- In view of likely revision of DSR the mention of this deposit with final coordinates is to be ensured.
- The boundary area of the deposit as per the updated DSR defined by geo coordinates based on DGPS survey be superimposed on the cadastral map.
- Plantation programme to be completed within first two years and to be maintained in remaining years.
- The Project proponent shall follow Sustainable Sand Mining Guidelines, 2020.
- The proponent shall provide Bio- toilet for the workers.
- Project Proponent shall not disturb the water course during mining.

**Decision Of Authority: Approved**

After detailed deliberation in the matter, the Authority decided to grant EC with usual stipulated conditions as applicable for sand quarry along with specific condition as follows:

- Maximum depth of mining 1.0 meter and maximum quantity of extraction shall be limited to **22692 cum** in 1<sup>st</sup> year and **5673 cum** in 2<sup>nd</sup> year. PP shall submit Annual rate of replenishment study (ARRS) report through ORSAC empanel agency by **March '2025**.
- The validity of EC for 1<sup>st</sup> year and 2<sup>nd</sup> year is subjected to 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.2,25,000/-, 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.
- The PP will implement the EMP with a budgetary allocation of Rs.1.00lakhs as capital cost and Rs.0.50lakhs/annum as recurring cost, as proposed during lease period of 5 years.

Member Secretary, SEIAA

APPROVED BY

Member, SEIAA

Chairman, SEIAA





<b>AGENDA NO.135.19</b>	
Proposal No.	SIA/OR/MIN/428019/2023
Date of application	14.05.2023
File No.	428019/938-MINB2/05-2023
Project Type	Proposal for EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Brahmani River sand, Chandamohini Quarry (Khata No-149(AAA), Plot No-159) over an area of 9.85 acres or 3.986 ha. in village Chandamohini under Dharmasala Tahasil of Jajpur District, Odisha
Name of the company/Organization	M/s. Bhubaneswari Construction Sri Akshaya Kumar Nayak (Managing Partner)
Location of Project	village Chandamohini under Dharmasala Tahasil of Jajpur 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 mining of sand from Brahmani River sand, Chandamohini Quarry (Khata No-149(AAA), Plot No-159) over an area of 9.85 acres or 3.986 hacters in village Chandamohini under Dharmasala Tahasil of Jajpur District, Odisha.
  - (ii) The mining area is a part of Survey of India Toposheet No. F45U1.F45U2, F45U5, F45U6, and the lease area bounded by Latitude: 20° 46' 57.75" N to 20° 47' 08.45" N and Longitude 86° 11' 58.80" E to 84° 12' 08.53" E.
  - (iii) The mining lease is an identified sairat source in the DSR. The Brahmani River sand, Chandamohini Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Dharmasala to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
  - (iv) Documents submitted: -Form-1, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
  - (v) Whether submitted KML file of the lease area-Yes
  - (vi) Whether submitted scrutiny fee-Yes, of Rs. 2000/- vide e-challan Ref. no. 35AB22DF1E dated 04.05.2023
  - (vii) Distance from nearest sanctuary/ESZ- Kapilash WLS-27.0 Km
  - (viii) Whether the lease area coming in DLC report-No,
  - (ix) Whether the lease area reflecting in DSR-Yes
  - (x) Method of mining-Manual
  - (xi) River- Brahmani, Depth of sand deposition-2.0 meter
  - (xii) Distance from nearest road bridge-5.58 km, Village road-0.15km
  - (xiii) Whether it is part of cluster -No
  - (xiv) Whether EC obtained earlier-No
  - (xv) Date of approval of Modified Mining Plan- the Deputy Director of Geology, O/o of Steel & Mines Dept., Govt. of Odisha on 15.02.2023



**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

- (xvi) Production capacity per annum- 13860 cum/annum (max.), total production in 5 years period-65940 cum, Geological reserve- 68820 cum and Mineable reserve- 47366 cum and proposed depth of mining-2.0 m
- (xvii) Whether the DSR has been prepared 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- **No**
- (xviii) EMP budget provision of Rs. 1.50 Lakh/Annum (Capital Cost) and Rs. 0.20 Lakh (Recurring Cost)
- (xix) 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 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and the SEAC **recommended** to grant EC valid from the date of EC accorded upto the lease period with specific conditions stipulated for sand mine with following additional conditions.

- a) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.
- b) In view of likely revision of DSR the mention of this deposit with final coordinates is to be ensured.
- c) The boundary area of the deposit as per the updated DSR defined by geo coordinates based on DGPS survey be superimposed on the cadastral map.
- d) Plantation programme to be completed within first two years and to be maintained in remaining years.
- e) The Project proponent shall follow Sustainable Sand Mining Guidelines, 2020.
- f) The proponent shall provide Bio- toilet for the workers.
- g) Project Proponent shall not disturb the water course during mining.

**Decision Of Authority: Approved**

After detailed deliberation in the matter, the Authority decided to grant EC with usual stipulated conditions as applicable for sand quarry along with specific condition as follows:

- (i) Maximum depth of mining 2.0 meter and maximum quantity of extraction shall be limited to **13860 cum** in 1<sup>st</sup> year and **3465 cum** in 2<sup>nd</sup> year. PP shall submit Annual rate of replenishment study (ARRS) report through ORSAC empanel agency by **March '2025**.
- (ii) The validity of EC is for 1<sup>st</sup> year and 2<sup>nd</sup> year or validity of DSR or validity of lease period whichever is earlier.
- (iii) 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).
- (iv) The Project proponent shall follow Enforcement & Monitoring Guideline for sand mining-2020 before and during operation of quarry.
- (v) 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.
- (vi) The PP will implement the EMP with a budgetary allocation of Rs. 1.50 Lakh (Capital Cost) and Rs. 0.20 Lakh/annum (Recurring Cost), as proposed during lease period of 5 years.

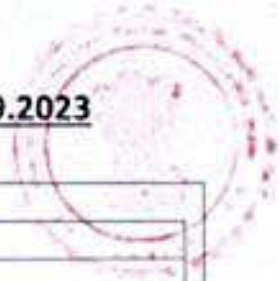
**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA





**AGENDA NO.135.20**

Proposal No.	SIA/OR/MIN/418074/2023
Date of application	12.04.2023
File No.	418074/807-MINB1/03-2023
Project Type	Proposal for EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Purutiguda Sand Quarry over an area of 13.688 Acres or 5.539 Ha having Khata No.512, Plot No. 1285 in village Purutiguda under Kashinagar Tahasil of Gajapati District, Odisha.
Name of the company/Organization	Sri Banidhar Swain
Location of Project	village Purutiguda under Kashinagar Tahasil of Gajapati District, Odisha.
ToR Date	02.03.2022
Name of the Consultant	M/s Green Circle, Inc., Gujarat

**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.
  - i) This proposal is for Environmental Clearance of Purutiguda Sand Quarry over an area of 13.688 Acres or 5.539 Ha. having Khata No.512, Plot No. 1285 in village Purutiguda under Kashinagar Tahasil of Gajapati District of Sri Bansidhar Swain.
  - ii) **Category:** The proposed mining project falls under Category 'B1' with project activity type "1(a)-Mining of Minerals) as per Notification of MoEF & CC vide S.O. No. 3977(E), Appendix-XI dated the 14th August,2018 and EIA notification 2006 and amendment thereof of Ministry of Environment and Forests, New Delhi.
  - iii) Quarry lease has been awarded to Sri Bansidhar Swain S/o-Jayadev Swain, by Tehsildar of Kashinagar for 5 years via letter no. 5440/ Sairat dated 09/11/2021.
  - iv) Mining Plan with Progressive Mine Closure Plan has been approved by Deputy Director Geology O/o Joint Director Geology, South Zone, Berhampur, Odisha vide letter no. Memo no.- 1051/SZ dated 31/10/2021.
  - v) **TOR details:** Terms of Reference (TORs) was granted by SEIAA vide letter no 4125/SEIAA Dated 02/03/2022.
  - vi) **Public hearing details:** Public hearing was held on 09.11.2022 at 11.00 AM in Grampanchayat Office, Khandava under Kashinagar tahasil in Gajapati district in reference to the proposed Purutiguda Sand Mine. Issues raised during public hearing hearing are sand mining from the river bed, safety and security in the lease area to avoid accidents, transportation of sand, control of noise during sand mining and sand transportation, dust suppression measure, protection of environment, road development, plantation, utilization of DMF fund for peripheral development of village.
  - vii) **Location and connectivity:** Purutiguda Sand Quarry is a new proposed project located at Village: Purutiguda, Khata No. 522, Plot No. 1285, Tehsil: Kashinagar, District: Gajapati, Odisha. Total mining area is 5.539 ha bearing Khata No. 522, Plot No.1285 in SOI Toposheet No: 65N/13 bounded by Latitude N18°57'15.58"to 18°57'27.18"N and Longitude E83°49'26.59" to 83°49'33.20"E. The area is approachable by fair weather road. The applied area is about 150 km away from Visakhapatnam International Airport, Andhra Pradesh Airport.



The nearest railway station is at Bansdhara Hault Railway Station 1.5 Km from the site. Nearest Bridge Banshadhara Bridge is 15 km, SE and nearest River Embankment is about 3 km, S and nearest railway bridge is 0.7Km from the project site. Nearest Reserve is Forest Vallarha Reserve Forest which is 2Km, W from the project site.

- viii) **Replenishment Study:** UAV/Drone method was used to survey the area for Replenishment Survey. The calculated Mineable reserve of Post-Monsoon survey and the Mineable reserve in Pre-Monsoon are taken for comparing the amount of sand replenished. The sand deposited in the lease area in this monsoon season is exceeded by 43% i.e. 21652CuM of the amount of sand in the Pre-Monsoon Replenishment Study report. So, the final mineable reserve of the lease area is said to be 50832 CuM.
- ix) **Total production and reserves:** It is proposed sand quarry mine having lease area of 5.539 ha with proposed production capacity of 50,000 m<sup>3</sup> /year of sand (2,50,000 cum for 5 years). The geological reserve and mineable reserve of Purutiguda Sand quarry 66692 Cum and 57442 Cum respectively.
- x) **Mining method:** Proposed method of mining would be opencast manual mine. Sand shall be exploited manually and loaded in Truck & Tractors. Ground water table would not be intersected by the proposed mining. Mining shall be carried out without adoption of drilling & blasting extracted sand shall be loaded into tractor trolleys manually & dispatched to various parties. Mined out material will be loaded into the dumpers manually and will be sent for commercial use as per the demand of the market. It will be transported by Covered trucks / dumpers to its final destination. No overburden or top soil will be generated as the area lies in river bed. The present level of the lease area is 65 mRL. During plan period, the quarry floor will be 63 mRL or up to water table whichever is less in Purutiguda Sand quarry.
- xi) **Greenbelt/ Plantation:** Greenbelt will be developed along haul road. Plantation will be done along haul road and in villages nearby. Native Species like Teak, Mango, Jammu, Jhaun, Neem etc. will be preferred for the plantation. 50 plants per year will be planted as per the plantation program.

Year	Number of saplings purposed	Location	Type of saplings
1st Year	50	Plantation is carried out safety zone of the lease area (river bank areas)	Teak, Mango, Jammu, Jhaun, Neem etc.
2nd Year	50		
3rd Year	50		
4th Year	50		
5th Year	50		
Total	250		

- xii) **Man power Requirement:** Total man power of 65 people will be required for the proposed project. Mine workers will be engaged from the nearby villages.

Designation	Number of persons (Purutiguda Sand Quarry)
Supervisory Personnel/ Statutory Personnel	5
Skilled laborers (Operator and Helper)	20
Semi-skilled Laborer	20
Unskilled Laborer	20
Total	65

- xiii) **Project cost:** The total budget for Environment Monitoring Program for the proposed project



Rs. 30,000 per year. Corporate Environmental Responsibility (CER) budget includes a cost of Rs. 25 lakhs. Apart from the other expenses, Salary for labour and office staff will be kept around 2Lakh per annum and for documentation purposes around 2Lakhs per annum. Total project cost is Rs.25 lakhs. Capital Cost for EMP is Rs. 1,45,000. Recurring cost of EMP is Rs. 75,000 per annum.

S.no	Particulars	Capital Cost	Annual Recurring cost
1	Pollution Control	55,000	20,000
2	Pollution Monitoring	25,000	10,000
3	Afforestation along Approach Road and maintenance of Approach road	35,000	25,000
4	Occupational health and safety	30,000	20,000
Total		1,45,000	75,000

xiv) 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 31.07. 2023 and the The Committee observed and recommended the following:

- Two different methods are used for Pre and Post Monsoon study which are not comparable. Besides this following other discrepancies are noticed and hence, replenishment study report is rejected.
- Date of second survey i.e. post monsoon survey as per previous report was 5.03.23 (Mentioned in table 7) but in the clarifications submitted it is 30.12.22.
- As per 1st report Geological reserve is 31802cum and Movable reserve is 29180cum. However, in the clarification report submitted now Geological reserve has changed to 70710cum and Movable reserve has changed to 48466 cum (which is even higher than Geological reserve as per previous report).
- In Clarifications submitted now in table 4 and table 5 for calculation of Geological Reserve and Movable Reserve 13 sections are shown However the depth of sand in these sections is shown varying from 25 meter to 43 meter which looks unrealistic.
- In table 7 of clarification report submitted now 16 grid points are shown (though no corresponding graphical or pictorial representation is shown. As per this table RL is shown from 61.3 to 63.7 meter but in first report in second survey plain height is 58.5 meter.
- In the first report as per second survey Geological reserve is 54738.312 cum and movable reserve is 50831.934 cum. However in the clarification report submitted now as per second survey the Geological reserve is 97338 cum and movable reserve is 71117 cum
- Proposed extractable sand as per first report was 21652 cum but as per clarification report submitted now it is 42668cum.
- 16 grid points shown in table 7 and related pre and post monsoon RLs worked out and its average is not at all used for any of the calculations. Its relevance is not clear.

In view of unsatisfactory revised replenishment study report, this proposal is not accepted and it is recommended to **return the proposal to SEIAA** to take further action.

**Decision Of Authority: ADS**

The Authority observed that the SEAC has not accepted the revised replenishment study report submitted by PP and the SEAC have returned the proposal of EC to SEIAA citing the following deficiency in the proposal:

- Two different methods are used for Pre and Post Monsoon study which are not comparable. Besides this following other discrepancies are noticed and hence, replenishment study report is rejected.



**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

- b) Date of second survey i.e. post monsoon survey as per previous report was 5.03.23 (Mentioned in table 7) but in the clarifications submitted it is 30.12.22.
- c) As per 1st report Geological reserve is 31802cum and Movable reserve is 29180cum. However, in the clarification report submitted now Geological reserve has changed to 70710cum and Movable reserve has changed to 48466 cum (which is even higher than Geological reserve as per previous report.
- d) In Clarifications submitted now in table 4 and table 5 for calculation of Geological Reserve and Movable Reserve 13 sections are shown However the depth of sand in these sections is shown varying from 25 meter to 43 meter which looks unrealistic.
- e) In table 7 of clarification report submitted now 16 grid points are shown (though no corresponding graphical or pictorial representation is shown. As per this table RL is shown from 61.3 to 63.7 meter but in first report in second survey plain height is 58.5 meter.
- f) In the first report as per second survey Geological reserve is 54738.312 cum and movable reserve is 50831.934 cum. However, in the clarification report submitted now as per second survey the Geological reserve is 97338 cum and movable reserve is 71117 cum
- g) Proposed extractable sand as per first report was 21652 cum but as per clarification report submitted now it is 42668cum.
- h) 16 grid points shown in table 7 and related pre and post monsoon RLs worked out and its average is not at all used for any of the calculations. Its relevance is not clear.
- i) In view of unsatisfactory revised replenishment study report, this proposal for EC is not accepted.

After detailed deliberations in the matter, the Authority agreed with the recommendation of SEAC and decided that the PP as well as the Tahasildar, Kashinagar is required to explain why the proposal of EC **shall not be rejected** for the above deficiency.

  
Member Secretary, SEIAA

APPROVED BY

  
11.09.23  
Member, SEIAA

  
10.09.23  
Chairman, SEIAA





**AGENDA NO.135.21**

Proposal No.	SIA/OR/MIN/421786/2023
Date of application	25.03.2023
File No.	421786/804-MINB1/03-2023
Project Type	Proposal for EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Mangarajpur Mahanadi Sand Quarry over an area of 14.00 Acres or 5.66 Ha having Khata No.641(A.A.A), Plot No. 3720/3749 in village Mangarajpur under Baramba Tahasil of Cuttack District, Odisha
Name of the company/Organization	Sri Hara Senapati
Location of Project	village Mangarajpur under Baramba Tahasil of Cuttack District, Odisha
ToR Date	24.05.2021
Name of the Consultant	M/s EHS360 Labs Pvt Ltd (EHSL), Chennai - 68

**Proposal in brief:**

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
  - i) This proposal is for Environmental Clearance of Mangarajpur Mahanadi Sand Quarry over an area of 14.00 Acres or 5.66 Ha having Khata No.641(A.A.A), Plot No. 3720/3749 in village Mangarajpur under Baramba Tahasil of Cuttack District of Sri Hara Senapati.
  - ii) **Category:** The proposed project as per EIA Notification dated 14th September 2006 and subsequent amendments, falls under Category "B", Project or Activity 1(a Mining of Minerals.
  - iii) **TOR Details:** Terms of Reference (TOR) was granted by SEIAA, Odisha vide letter no 1346/SEIAA dated: 24.05.2021.
  - iv) Earlier EC was granted by SEIAA, Odisha vide letter no 4404 dated 17.08.2015.
  - v) Mining plan was approved by Deputy Director of Geology, Bhubaneswar. Vide letter no - 7431 DG, on dated 12.11.2020.
  - vi) This is a new project and the lease has been granted to successful bidder Sri Hara Prasad Senapati by the Tahasildar, Baramba vide letter no- 05, dated 01.01.2021.
  - vii) The said lease is an identified sairat source in District Survey Report, Cuttack in Pg - 54, Sl.no. - 90 prepared by Collector, Cuttack.
  - viii) **Public hearing details:** Public hearing was conducted on 14.09.2022 at Village - Mangarajpur under Tahasil Baramba of Cuttack district. Issues raised during public hearing were dust pollution, noise pollution, fixed time limit for movement of sand transportation vehicles, sand should be lifted from exact location, sand transportation vehicles shouldn't move through social forest area and near school area and a particular road should be used for sand transportation. Budget earmarked for action plan of public hearing is Rs. 5 Lakhs.
  - ix) **Location and connectivity:** Mangarajpur Mahanadi Sand Quarry is located in village Mangarajpur under Baramba Tahasil of Cuttack district, Odisha consisting over an area of 14.00 Acres/5.66 Hectares. The proposed lease area is featured in Survey of India toposheet no. 7311/7 and bounded between the Latitudes of N20°22'26.9" to N20°22'35.5" and Longitudes of E85°18'39.6" to E85°18'47.7" bearing Khata No.641, Plot No.3720/3749. The proposed



lease area is located at a distance of 60 Km from the district headquarters Cuttack. The nearest railway station is Begunia Railway Station which is about 24.5 km from the mine lease area. The nearest airport is Biju Pattnaik International Airport, Bhubaneswar at about 55 km from the mining site. Nearest river embankment, electric transmission pole and road bridge is 2.4 kms, 700 m and 12km respectively. As per Seismicity Map of India, the project location/study area falls in Zone II

- x) **10. Topography and drainage:** The general topography of the area around the mine site is general plan agricultural land along the river. The area constitutes almost alluvial plain without any conspicuous topographical features and forms a part of the vast Indo-Gangetic plain. The proposed area is undulating. The flow rate of the river varies with the quantity of precipitation in the catchment area. The lease area surrounded mostly with agricultural lands. There is no major impact of mining on the topography of the area. The mining lease area in riverbed will be replenished with sediments after monsoon and the area which in agriculture field will be reclaimed after mining.
- xi) **Replenishment study:** The present date survey by using UAV/Drone indicates the mineable sand deposit is around 26504cum. As per Sustainable Sand management guidelines potential sand deposits may be identified and Replenishment study may be done in regular intervals. Besides 60% of the above computed mineable reserve as above has been taken as available mineable reserve over the area as per MoEF Notification dated 25.07.2018. Maximum of
- xii) 26504Cu.m of sand per annum may be allowed for mining activities. 60% of the mineable reserve is 15902cum. The maximum extraction limit as per sustainable sand mining Rule of MoEF Guideline is 15902cum.
- xiii) **Reserves and total production:** As estimated geological reserve and mineable reserve of the proposed project is 28931 and 24679 cum. Annual production of the proposed project is 3000 cum/annum.

Year	Production (m3)
1st Year	3,000
2nd Year	3,000
3rd Year	3,000
4th Year	3,000
5th Year	3,000
Total	15,000

- xiv) **Method of mining:** The project is a new mine and lies on the bed of Mahanadi. The project for production of Sand (minor minerals) from Mangrajpur Sand Quarry which has been proposed for a total production of 15,000 Cu.m during the plan period. The open cast manual method and transportation through dumpers and tractors. No mining activity will be undertaken during the monsoon season. So, the material will be replenished during the monsoon season every year. The benching pattern is not required for sand mining. The maximum depth of mining will be of 1m or up to water table which is less. No drilling & blasting will be performed for production requirement.
- xv) **Green Belt:** It is proposed to have plantation on both sides of the roads as greenbelt to provide cover against dust dissemination. Riverbanks will be strengthened by way of plantation on the banks. Plantation will also be carried out as social forestry programme in village, school and the areas allocated by the Panchayat/State authorities. Native plants and other local species will be planted. A suitable combination of trees that can grow fast and have good leaf cover shall be adopted to develop the greenbelt. It is proposed to plant 250 Numbers of native species will



a) planted during the 5-year plan period.

S. No.	Saplings to be planted	Species	Place of Plantation
i)	50	Neem, Mango, Peepal, Shisham, Sirish, Babool, Chakunda	Along the roads, in schools and public building and other social forestry programme
ii)	50		
iii)	50		
iv)	50		
v)	50		
Total	250		

xvi) **Manpower requirement:** In the mine for total production of 3,000 cum/annum of River Sand and 6 nos. of person are to be employed daily. The indirect employment opportunities for hired vehicles, etc. also can be generated to full fill the day-to-day requirements of the mining personals.

xvii) **Project Cost:** The project proponent will incur a total cost of Rs. 290.00 Lakhs sand may vary from place to place and with magnitude of the sand mining. EMP cost includes a capital cost of Rs. 14,50,000 and recurring cost of Rs. 5,80,000.

Particulars	Capital Cost	Recurring Cost
Environmental Monitoring	3,00,000	1,00,000
Plantation	2,00,000	20,000
Dust Suppression	5,00,000	4,50,000
Others (Pollution Control	4,50,000	10,000
Total	14,50,000	5,80,000

xviii) The Environment consultant M/s EHS360 Labs Pvt Ltd (EHSL), Chennai - 68 along with the proponent made a presentation on the proposal before the Committee.

xix) The SEAC in its meeting held on dated 19.06.2023, the committee recommended the following:

- i) The revised replenishment study report submitted by the proponent is not acceptable for the reasons as pointed out at para 22 above.
- ii) The proposal to be considered after receipt of fresh replenishment study report incorporating the comments of the members at para 22 above.

xx) Any deficiencies/omission have been noticed in the above documents-as above

**Whether SEAC recommended the proposal** –The proposal was placed in SEAC meeting held on 31.07.2023 and The Committee observed and recommended the following:

- a) In the replenishment study report submitted by PP there was net loss of sand and clarifications were sought. Compliance furnished by the lessee is not satisfactory. Fresh replenishment study was asked which is not submitted. Two different methods are used for pre and post monsoon study which are not comparable. Figures are changed arbitrarily in each of the communication without any supporting documents or data. In the first study it was net loss of sand but was made deposition in the subsequent communication with so many gaps (as pointed out) now some more changed figures are submitted. This whole thing makes it difficult to accept. Hence, replenishment study report is



rejected.

- b) In view of net loss of sand in replenishment study report and unsatisfactory compliance, it is recommended to return the proposal to SEIAA to take further action.

**Decision Of Authority: ADS**

The Authority observed that the SEAC have not accepted the replenishment study report submitted by PP and the SEAC have returned the proposal of EC to SEIAA citing the following deficiency in the proposal:

- a) In the replenishment study report submitted by PP there was net loss of sand and clarifications were sought. Compliance furnished by the lessee is not satisfactory. Fresh replenishment study was asked which is not submitted. Two different methods are used for pre and post monsoon study which are not comparable. Figures are changed arbitrarily in each of the communication without any supporting documents or data. In the first study it was net loss of sand but was made deposition in the subsequent communication with so many gaps (as pointed out) now some more changed figures are submitted. This whole thing makes it difficult to accept. Hence, replenishment study report is rejected.
- b) In view of net loss of sand in replenishment study report and unsatisfactory compliance, the SEAC have recommended to return the proposal to SEIAA to take further action.

After detailed deliberations in the matter, the Authority agreed with the recommendation of SEAC and decided that the PP is required to explain why the proposal of EC shall not be rejected for the above deficiency.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA





## Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023

AGENDA NO.135.22	
Proposal No.	SIA/OR/IND2/416925/2023
Date of application	17.02.2023
File No.	416925/IND2/02/2023
Project Type	Proposal for EC
Category	B1
Project/Activity including Schedule No.	5(g)-Distilleries (Grain based/non-molasses based for non-EBP)
Name of the Project	Proposal for grant of EC for Grain and Malt Based Distillery Plant Project of 30 KLPD along with 1.5 MW Co-generation Power Plant located at Village-Barapada, P.O. Garudagaon Tangi, District-Cuttack, Odisha.
Name of the company/Organization	Avira Distillery Private Limited
Location of Project	Village-Barapada, P.O. Garudagaon Tangi, District -Cuttack, Odisha.
ToR Date	21.01.2023
Name of the Consultant	M/s Grass Roots Research & Creation India (P) Ltd. Noida

**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. Avira Distillery Private Limited for grain and malt-based distillery plant project for of 30 KLPD along with 1.5 MW co-generation power plant located at Village-Barapada, P.O. Garudagaon Tangi, District – Cuttack, Odisha of Sri Kishore Kumar Mahanta.
2. **Category:** This project falls in Category “B1” under Schedule of item 5(g) - Distilleries (Grain based / non-molasses based for non-EBP) as per the EIA Notification 2006 and its amendments thereof.
3. **Project details:** M/s Avira Distillery (P) Limited has taken over a **30 KLPD Grain and Malt Based Distillery Plant** along with **1.5 MW Co-generation Power Plant** which has been erected by earlier proponent located at Village - Barapada, P.O. Garudagaon Tangi, District - Cuttack, Odisha. The earlier owner of project was M/s S R Distilleries Pvt Ltd. It had started the construction but due to financial condition they could not complete the construction of the project. **Approx. 75% of the work has been completed as per the earlier granted EC** and later all activities have been suspended because; the said company defaulted in payment of Bank Loan. Bank had auctioned their factory for clearances of dues vide e- auction dated 27<sup>th</sup> July 2022. M/s Avira Distillery (P) Ltd participated in the said e-auction and became the highest bidder. In the above backdrop, M/s Avira Distillery Pvt. Ltd. deposited 25% of the auction amount and was issued “Sale Confirmation Letter” dated 28<sup>th</sup> July 2022 by the Punjab National Bank, being the consortium leader. Due to financial condition, PP was unable to complete construction within validity period as per earlier EC granted, approx. 75% of the construction work was completed at the project site and then the plant got shut down. Later it was taken over by Avira Distillery (P) Ltd, present owner by undergoing.
4. Earlier Environment Clearance was granted from the MOEF&CC vide letter No – J- 11011/463/2010-IA II (I), dated: -20.04.2012, in the name of M/s SR Distillery Private Limited.
5. S R Distilleries Pvt. Ltd. had also taken CTE and CTO from Odisha State Pollution Control Board. Copy of Environmental Clearance, CTE from SPCB, Odisha Vide letter no.-21803, dated-26.12.2011 and CTO Vide letter no.-4187 dated- 17.03.2015.



6. **ToR details:** The project has been granted ToR vide letter no. SIA/OR/IND2/405949/2022 dated: 27.01.2023.
7. **Public hearing details:** The SEIAA had exempt public hearing as per MoEF&CC, Govt. of India amended EIA Notification vide S.O.1247 (E), dated 18th March 2021 as they have already completed construction work more than 50% during validity period of Environmental Clearance.
8. **Details of Previous Public hearing made for this project:** It was conducted on 10.06.2011 at Barapada project U.P. school. Issues raised during the public hearing are pollution control measures, providing employment to local people, up gradation of nearby schools, drinking water facility and ambulance services, road development and maintenance work in locality & villages, concern about health of local people & arrange health check-up camp. A budget of 84 Lakhs has been allotted for action plan of public hearing.
9. **Location and connectivity:** The project site is located at plot no. 450/558, 451, 452,453, Village- Barapada, P.O. Garudagaon Tangi, District -Cuttack, Odisha. The coordinates of project site are Latitude: 20°35'57.21"N & Longitude: 85°42.28"E. The proposed site has good connectivity with the rail and road. Barapada Road is the connecting road and is abutting Project site. NH-16 is at 5.7 km in ESE direction from the project site, NH-55 is at 10.1 km in SW direction from the project site and SH-9A is at a distance of 11 km in South direction from project site. The nearest railway station is Kapilas Road Junction at 5.5 km in SE direction. The nearest airport is Biju Patnaik International Airport which is approximately 40.9 km in SSW from the project site. Nearest water bodies include Mendakhal Nadi 7 km towards ESE, Birupa River- 8.8 km towards ESE, Mahanadi River- 12.8 km towards SSW direction, Gabapala Irrigation Lake 9 Km towards North direction. Nimajhara Dam is 10.9 Km towards North direction while High Level Canal Range 1- 4.2 Km towards SE direction.
10. **Topography:** The topography of Project site is generally characterized by an almost flat plain. Banara is a Village in Cuttack District of Odisha State, India. It is located approx.15 km towards East from District headquarters Cuttack. The ground elevation in the study area varies from approximately 1.56- 8.17m bgl. Change in topography is envisaged due to construction of buildings, making raw material, and finished good yards.
11. Size or magnitude of operation:

**Plant Configurations**

S. No.	Units	Proposed Capacity
i)	Installed Capacity	30 KLPD Grain ENA Distillery and Malt Spirit Plant
ii)	Major Raw Material	Grain (Broken rice, Maize, Bajra)
iii)	Final Product & By-Product	ENA - 30 KLD DDGS- 22 TPD CO2- 15 TPD
iv)	Co-Generation Power Plant (1 x 12 TPH-AFBC)	1.5 MW
v)	IMFL	186025 cases per month

12. Major Raw Material - Grain (Broken rice, Bajra, Maize,) and Malt
13. Final Product & By- Product - ENA -30 KLPD, DDGS- 22 TPD, CO2- 15 TPD, IMFL – 1,86,025 cases per month.
14. **Land use details:** Total land is **2.83 Ha**. This land is sufficient for the setup of the Grain ENA Distillery and Malt Spirit Plant 33.00% land has been earmarked for plantation and greenbelt as per standard norms. Table below gives the % area used in the plant. The tentative land area statement of proposed project is given as below: -

Table: Land Break-up

Land use	Area (Ha)	Percentage (%)
Parking	0.42	15.0
Green belt	0.93	33.0



Road & Paved area	0.36	12
Plant and machinery	1.12	40.0
<b>Total land area</b>	<b>2.83</b>	<b>100.0</b>

15. **Baseline details:** The baseline environment quality was carried out within 10 km of project site during Post Monsoon i.e. October, 2022 to December, 2022.
- a) **Ambient air quality:** The minimum and maximum level of PM<sub>2.5</sub> recorded within the study area was in the range of 31.2 µg/m<sup>3</sup> to 44.7 µg/m<sup>3</sup> with the 98th percentile ranging between 40.6 µg/m<sup>3</sup> to 44.7 µg/m<sup>3</sup>. The 24 hourly average values of PM<sub>2.5</sub> were compared with the National Ambient Air Quality Standards (NAAQS) and found that all sampling stations recorded in the study area are within the applicable limits i.e., 60 µg/m<sup>3</sup> for PM<sub>2.5</sub> in rural areas. The minimum and maximum level of PM<sub>10</sub> recorded within the study area was in the range of 53.7 µg/m<sup>3</sup> to 80.8 µg/m<sup>3</sup> with the 98th percentile ranging between 73.3 µg/m<sup>3</sup> to 79.7 µg/m<sup>3</sup>. The minimum and maximum level of SO<sub>2</sub> recorded within the study area was in the range of 5.8 µg/m<sup>3</sup> to 10 µg/m<sup>3</sup> with the 98th percentile ranging between 8.1 µg/m<sup>3</sup> to 9.6 µg/m<sup>3</sup>. The minimum and maximum level of NO<sub>x</sub> recorded within the study area was in the range of 11.4 µg/m<sup>3</sup> to 16.4 µg/m<sup>3</sup> with the 98th percentile ranging between 14.5 µg/m<sup>3</sup> to 16.2 µg/m<sup>3</sup>. The minimum and maximum level of CO recorded within the study area was in the range of 270 µg/m<sup>3</sup> to 450 µg/m<sup>3</sup> with the 98th percentile ranging between 355.5 µg/m<sup>3</sup> to 450 µg/m<sup>3</sup>.
- b) **Noise levels:** Assessment of hourly night time Leq (Ln) varies from 46.8 dB (A) to 63.8 dB (A) and the hourly day time Leq (Ld) varies from 38.8 dB (A) to 53.6 dB (A) within the study area.
- c) **Ground water:** During the study period, the pH was varying for ground waters from 7.41 to 7.54 and the surface water varying between 7.36 to 8.01. The chloride level in the Ground water samples collected in the study area were ranging from 189 mg/l to a maximum of 218 mg/l. The TDS of the samples were above the desirable limit but within the permissible limit of 2000 mg/l. In the ground water samples collected from the study area, the hardness is varying from 189 mg/l to 218 mg/l. In the ground water samples of study area the fluoride value were in the range of 0.3 mg/l to 0.5mg/l. In surface water 0.6 mg/l is the maximum value.
- d) **Soil analysis:** In the study area, variations in the pH of the soil were found to be neutral (7.58 to 7.86). Electrical conductivity (EC) is a measure of the soluble salts and ionic activity in the soil. In the collected soil samples, the conductivity ranged from 246 – 285 µmhos/cm.
16. Permission to extract ground water has been obtained by previous owner. CGWA has sanctioned for 442 KLD extraction from ground water. Extraction should not exceed 132865 m<sup>3</sup> in a year.
17. **Water requirement and waste water management:** 263 KLD of fresh water is required as against sanctioned 442 KLPD. Total water requirement for the project will be 1784 KLD which will be further reduced through recycling & reuse of 1485 KLD. Total freshwater demand for distillery operation is 169 KLD @5.6 KL of water/KL of ENA. Soft water required for preparing IMFL = 35 KLD to manufacture 186025 cases per month.

Water use	Fresh water	Recycle 1	Recycle 2	Effluent	Total
<b>Process</b>					
Fermentation	109	26	77	0	212
Distillation	60	0	0	0	60
Total	169	26	77	0	272
	-	-	-	-	-
Boiler	36	252	--	14	302
D Mwater	35	-	-	5	35
Cooling tower	0	130	1000	22	1152
Domestic	6	0	0	5	6





**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

Greenbelt	17	0	0	0	17
<b>Total</b>	<b>263</b>	<b>408</b>	<b>1077</b>	<b>46</b>	<b>1784</b>

18. Domestic sewage will be treated in STP and treated water will be used for horticulture and water sprinkling. The distillery will be based on "zero liquid discharge". Wastewater generated from plant premises will be treated in ETP/CPU.
19. **Rainwater harvesting:** Total Rainwater can be harvested in Monsoon season (120 days) = 1612.8 + 297.6 + 403.2 = 2,313.6 m<sup>3</sup> say 80% of this rainwater will be used during distillery process (considering 20% evaporation and other losses) is 1,850.88 m<sup>3</sup>.
20. **Power requirement:** Actual power requirement to run the entire plant with all its utilities and IMFI unit is expected to be 1.3 MW. The industry has an in-house co-generation power plant of 1.5 MW run by using steam generated in 12 TPH rice husk/ coal fired boiler. For emergency situations 1 no DG set of 500 KVA capacity will be installed within the plant area. Solar power panels will be installed within project premises with capacity equal to 10% of required power demand.
21. **Fuel requirement:** Heat requirement to carry out various operations and generation of electrical power will be done by using steam. To generate steam a multifuel fired boiler is installed which uses biomass/rice husk/coal in the order of priority.
  - a) Boiler steam generation capacity is 12 TPH.
  - b) Fuel consumption to generate 12 TPH steam will be 80 TPD rice husk/briquettes.
  - c) If coal is used the requirement shall be about 44 TPD.
  - d) For power requirement during emergency a 500 MVA DG set has been installed which requires HSD as a fuel which is a low Sulphur fuel. Its fuel consumption will be about 130 litres of HSD if operated for an hour.
22. **Greenbelt:** A greenbelt of 0.93 Ha (33.00%) will be developed in the plant premises. Approx. 10m wide greenbelt will be developed around the plant premises. This will include digging pits with proper spacing, filling pits with prepared soil, plantation of seedlings and watering. The size of the pit will be 1m x 1m x 1 m for trees and 0.5 m x 0.5 m x 0.5 m x 0.5 m for shrubs. Nursery raised saplings of 2-3 feet height of trees and shrubs will be purchased from local nursery and Forest Dept.
23. **Manpower:** The industry will provide indirect employment to about 50 people and the total employment potential of the project will be about 110 persons.
24. **Project cost:** Estimated cost of the proposed project is 63 crore and CER cost is 0.84 crores. The total capital cost of EMP will be Rs. 3.01 Cr and recurring cost will be 0.437 Cr.

S. No.	Environmental Aspect	Capital Expenditure Rs In Crores	Recurring Expenditure Rs in Crores (per annum)
1	Air Pollution Control, OCEMS	0.80	0.06
2	Water & Wastewater management	0.30	0.03
3	Solid Waste	0.27	0.027
4	Green Belt Development	0.25	0.025
5	Monitoring	0.20	0.02
6	Environmental Cell & PR	0.10	0.01
7	Other aspects like Rain Water Harvesting, Safety, Security etc.	0.25	0.025
8.	CER Cost	0.84	0.24
	<b>Total</b>	<b>3.01</b>	<b>0.437</b>

25. **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



**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

Committee on 10.03.2023. The SEAC decided to take the decision on the proposal after receipt of the following from the proponent. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
a)	Certified Compliance Report to previous EC conditions from RO, MoEF &CC, Govt. of India.	Certified Compliance Report from IRO to conditions of previous EC letter no.-J-11011/463/2010-IA II (I), dated: -20.04.2012 is enclosed as <b>Annexure-I</b> .	Submitted
b)	Certificate from concerned DFO that there is no presence of Schedule-I species in the study area.	Certificate from DFO providing details of Schedule I species in the 10 km study area is enclosed as <b>Annexure II</b> . Conservation Plan has been prepared and submitted to DFO for approval. Acknowledgement copy attached as <b>Annexure - III</b> .	DFO, Cuttack Division has certified List of Schedule I species present in proposed area has been submitted.
c)	A brief write-up about mitigation measures to address any emergency on alcohol storage and effluent pond.	The distillery unit is based on Zero Liquid Discharge (ZLD) system. Effluent pond will be provided for use in emergency situation when ETP fails.  Details for Effluent Pond and Risk as well as Mitigation measures for Ethanol Storage are attached as <b>Annexure - IV</b> .	Submitted
d)	Management plans for carbon dioxide emission.	12 TPD CO <sub>2</sub> Bottling plant is proposed in the project. Collected CO <sub>2</sub> will be sold to beverage manufacturing industries. Details are enclosed as <b>Annexure - V</b> .	Undertaking for 12 TPD CO <sub>2</sub> Bottling plant is proposed in the project.
e)	Recommendation documents and approval from Fire department.	Application has been submitted to the Department for Fire recommendation. Statutory fee has also been paid. Acknowledgement of application and fee Challan are enclosed as <b>Annexure - VI</b> .	Application form with challan submitted.
f)	Sustainability report of plant species for plantation from Forest Department	Application has been submitted to Forest dept. for Sustainability report of plant species. Copy of acknowledgement is enclosed as <b>Annexure - VII</b> .	Submitted

Considering the information / documents furnished by the proponent and presentation made by the consultant **M/s Grass Roots Research & Creation India (P) Ltd. Noida**, on behalf of the project proponent, the SEAC recommended for grant of Environmental Clearance for the project valid for a period of 10 years with stipulated conditions mentioned below.



**2. Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 19.06.2023 and the SEAC recommended the proposal for EC with below mentioned specific conditions.

- i) The project proponent shall ensure implementation and adhering of all conditions and guidelines given in the notifications of MOEF&CC, Govt. of India dated 6<sup>th</sup> July 2018 and any other notifications relevant to the industry, to ensure Zero Liquid Discharge (ZLD) and safe quality monitoring of all products and safety in operation of the plant.
- ii) The Project Proponent should install additional sump tanks, if required to arrest effluent due to any Force Major and monitor, treat and record effluent analysis on daily basis.
- iii) The proponent shall create adequate testing facilities to monitor the process and quality of all products.
- iv) Quality of all products to be produced in the plant shall be monitored and tested for all batches on routine basis, by following standard procedures and norms before sent out of the plant and records of all analytical data to be maintained.
- v) The proponent shall get the products tested by outside certified agency for their safe use from time to time and all such records to be maintained.
- vi) The DDGS intended to be used for animal feed shall be tested for its safety by appropriate authority before use.
- vii) Since there is presence of Schedule-I species in proposed area, the project proponent shall ensure implementation and strict adherence to Conservation Plan.
- viii) All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC.
- ix) The project has a land footprint of 2.83 hectares (6.99 acres). The site should have proper arrangement of storm water drain for facilitating discharge of excess rainwater

2. The proposal was placed in the 129<sup>th</sup> meeting of SEIAA held on 25.07.2023 and 27.07.2023 and was decided as follows:

After detailed deliberations, the Authority decided to seek clarifications from the PP on the following:

- (i) Official letter regarding ownership of the Unit in the name of PP.
- (ii) The production, if any, w.r.t CTO issued vide letter no. 4187 dated- 17.03.2015 of SPCB, Odisha. The PP shall submit production details from 01.04.2016 to till date.
- (iii) The PP is required to submit closure report w.r.t the Certified Compliance report of IRO, BBSR.
- (iv) The PP is required to revise the water balance study so as to limit the fresh water requirement to 3.5KL/KL of production including installation of air-cooled condenser & rain water harvesting.

3. The proposal was placed in the 132<sup>nd</sup> meeting of SEIAA held on 16<sup>th</sup>, 17<sup>th</sup> & 18<sup>th</sup> August, 2023. The Authority observed that the said Unit was sealed by the Excise Department in the past. After detailed deliberation in the matter, the authority decided to seek additional information on the following:

- (i) The PP is required to submit NOC from Excise Department for issue of EC.
- (ii) The total fresh water intake shall be limited to 105KL for the project (specific condition to be put in EC).

Now the PP has submitted their ADS as raised by SEIAA for consideration of EC.



**Decision Of Authority: Approved**

The Authority perused the submission made by PP vide their letter dated 11.09.2023 enclosing letter no.13028 dated 17.08.2023 of SPCB, Odisha regarding CTO & letter no.10085/Ex dated 04.09.2023 of Excise Department, Cuttack regarding the case by Excise Dept.

After detailed deliberation in the matter, the Authority **decided to grant EC** subject to the following conditions:

1. That, the PP shall obtain NOC from Excise Dept, Cuttack before start of operation.
2. The PP shall obtain NOC for abstraction of ground water in their favour from CGWB.
3. As per the revised water balance submitted on dated 09.08.2023 by PP, the total fresh water intake shall be limited to 105KL for the project.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA



Agenda of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 12.09.2023 regarding  
use of ground water/surface water for project/industrial unit in and  
around Bhubaneswar & Cuttack

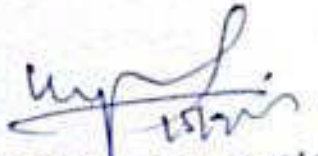
Agenda item No-135.23: This is matter regarding meeting held on 18.08.2023 by SEIAA with CGWA & WATCO for restricting the Withdrawal of ground water in semi critical areas.


Brief observation:

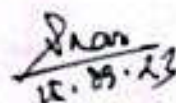
1. it has been observed that project proponents/ industrial units submit different set of data/figures for obtaining NOC from CGWB and EC from SEIAA, Odisha w.r.t withdrawal and use of ground water and/or surface water for a project/industrial unit resulting in different permitted quantity of ground water abstraction in NOC by CGWA and EC by SEIAA, Odisha.
2. There is a requirement of a common standards and specifications for projects / Industrial Units w.r.t abstraction and use of ground water and/or surface water in the State as per the NOC obtained from CGWB.
3. A meeting was held on 18.08.2023 under the chairmanship of Sri Sisir Kumar Ratho, IFS (Retd.), Chairman, SEIAA with CGWA and WATCO to discuss the withdrawal and use of ground water and/or surface water for projects/industrial units and have a common set of data/figures for the permitted quantity of ground water in the NOC from CGWB and EC from SEIAA, Odisha.
4. It was informed by the Regional Director, CGWA & Additional Director Ground Water Development, Odisha on the publication by the Department of Ground Water Development, Government of Odisha and Central Ground Water Authority, Government of India on the release of report on "Dynamics of Ground Water Resources of Odisha 2022" which classifies Blocks as safe, semi-critical and critical depending on the Stage of Ground Water Extraction (SOGWE) in the particular Block and as per the report Bhubaneswar, Angul, Block lies in the semi-critical area where the Stage of Ground Water Extraction of Bhubaneswar is 80.14%. Further, the Bhubaneswar city and adjoining area is having abstraction of ground water more than the Block average for which there is a need to restrict the withdrawal and use of ground water.
5. The SEIAA, Odisha, WATCO and CGWB emphasized the need for common specifications/stipulation and restriction in the withdrawal and use of ground water for projects/industrial units in and around Bhubaneswar city.
6. In view of the above foregoing matter, it becomes necessary that the SEIAA, Odisha take up the issue in consonance with the discussion/meeting held with CGWA and WATCO.

**Decision of the Authority: -**

A letter be issued to the Regional Director, CGWA for restricting the withdrawal & use of ground water in semi-critical areas.

  
member secretary,  
SEIAA

  
member,  
SEIAA  
15/9/23

  
12.09.23  
Chairman,  
SEIAA