

**Minutes of 105th Meeting of SEIAA, Odisha Held On 03.01.2023, 04.01.2023,
05.01.2023 and 06.01.2023**



AGENDA NO.105.01

Proposal No.	SIA/OR/MIN/404431/2022
Date of application	16.11.2022
File No.	404431/437-MINB2/11-2022
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 Siuniguda Stone Quarry over an area of 1.976 acers or 0.800 Ha having Khata No. 161 Plot No. 01 in the village Siuniguda, Tahasil-Kundra in district Koraput, State Odisha
Name of the company/Organization	Sri Premchand Gupta So-Late Sitaram Prasad Gupta At/Po- Main Road Chandili, Ps-Kotpad, District-Koraput, Odisha
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal for mining of Stone from of Siuniguda Stone Quarry over an area of 1.976 acers or 0.800 Ha having Khata No. 161 Plot No. 01 in the village Siuniguda, Tahasil Kundra in district Koraput, State Odisha.
- (iii) The mining area is a part of Survey of India Toposheet No. 65J/5, bounded by Latitude: 19°00'37.08" N to 19°00'41.27" N and Longitude: 82°23'00.19" E to 82°23'05.35" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Siuniguda Stone Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Kundra to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (v) Documents submitted: -Form-1, Form-2, PFR, D.L.C., EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (vi) Whether submitted KML file of the lease area-Yes
- (vii) Whether submitted scrutiny fee-Yes, of Rs. 1000/- vide e-Challan Ref. No-33764E1DCE dated 28.10.2022.
- (viii) Distance from nearest sanctuary/ESZ- Sunabeda WLS-160 Km
- (ix) Whether the lease area coming in DLC report-No, as clarified by Tahasildar, Kundra vide letter no. Nil dated 30.09.2022
- (x) Whether the lease area reflecting in DSR-Yes
- (xi) Method of mining-Manual
- (xii) Distance from nearest road bridge-3.0 km, village road -0.30 km
- (xiii) Whether it is part of cluster -No
- (xiv) Whether EC obtained earlier-Yes and submitted EC compliance
- (xv) Date of approval of mining plan- the Joint Director of Geology, Zonal Survey, Koraput on 21.05.2022.
- (xvi) Production capacity per annum-2520 cum/annum (max.), total production in 5 years period-12600 cum, Geological reserve-92021 cum and Mineable reserve-42840 cum.
- (xvii) The approved depth for mining-5.0 meter.



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- (xviii) 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**
- (xix) Any deficiencies/omission have been noticed in the above documents-**Nil**

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 30.11.2022 and the SEAC recommended the proposal for grant of Environmental Clearance with stipulated conditions applicable for stone quarry.

AUTHORITY DECISION

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

- (i) Maximum depth of mining 6.0 meter and maximum quantity of extraction shall be limited to 2520 cum in 1st year and 2520 cum in the 2nd year. Grant of EC for further period will be considered on submission of approved DSR 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.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.105.02

Proposal No.	SIA/OR/MIN/402588/2022
Date of application	12.11.2022
File No.	402588/1500-MINB1/11-2022
Project Type	New Proposal for ToR
Category	B1
Project/Activity including Schedule No.	1(a) Mining of Minerals
Name of the Project	Proposal for grant of ToR for Ranisarda Sand quarry is a sand mining project over an area of 15.00 Acre/ 6.070 Ha. located in village Ranisarda, Tahasil-Tarabha, Dist.-Subarnapur in favor of the Lessee Sri Sanjaya Kumar Panigrahy.
Name of the company/Organization	Sri Sanjaya Kumar Panigrahy. S/o-Late-Sribatsa Panigrahy At:-13, Udayanagar, P.O/P.S:- Balangir, Dist-Balangir, Odisha. Pin-767001
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal for mining of sand from of Ranisarda Sand quarry is a sand mining project over an area of 15.00 Acre/ 6.070 Ha. located in village Ranisarda, Tahasil-Tarabha, Dist.- Subarnapur.
- (iii) The mining area is a part of Survey of India Toposheet No. 64P/9(F44X9), bounded by Latitude: 20°50'26.00" N to 20°50'39.46" N and Longitude: 83°34'48.35" E to 83°35'08.50" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Ranisarda Sand quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Tarabha to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (v) Documents submitted: -Form-1, Form-2, PFR, EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (vi) Whether submitted KML file of the lease area-Yes
- (i) Whether submitted scrutiny fee- Yes, of Rs.2000/- vide e-Challan no. with Ref. No. 337533A528, dt. 09.10.2022
- (vii) Distance from nearest sanctuary/ESZ- Debrigarh WLS-76.0 km
- (viii) Whether the lease area coming in DLC report-N/A
- (ix) Whether the lease area reflecting in DSR-Yes
- (x) Method of mining-Manual
- (xi) River-Suktel, Depth of Sand Deposition-1.0 meter
- (xii) Distance from nearest road bridge-0.60 km, village road -0.68 km, River Embakment-50 meter
- (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, Zonal Survey, Balangir



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on 01.10.2022.

- (xvi) Production capacity per annum-3840 cum/annum (max.), total production in 5 years period-17600 cum, Geological reserve-60702 cum and Mineable reserve-50404 cum.
- (xvii) As per mining plan the approved depth for mining-0.8 meter.
- (xviii) 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**
- (xix) Any deficiencies/omission have been noticed in the above documents-**Nil**

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 30.11.2022 and the SEAC recommended for grant of ToR.

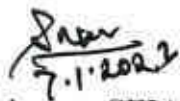
AUTHORITY DECISION

After detailed deliberations, the Authority decided to **grant Term of Reference (ToR)** to this project with standard and specific conditions applicable for stone quarry along with public hearing.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.105.03

Proposal No.	SIA/OR/MIN/404494/2022
Date of application	28.10.2022
File No.	404494/822-MINB2/11-2022
Project Type	New 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 Lima Sand Bed over an area of 12.355 acres or 5.00 hectares bearing Khata No. 541, Plot No. 688, 691, 682, 681, 679, 677, 2073 & 2401 in the village Lima under Tahasil Kundra, District Koraput, State Odisha.
Name of the company/Organization	Sri Rajesh Kumar Jain S/o-Late Prakash Chandra Jain At-Main Road Jeypore, At/Po-Jaypore, Dist-Koraput
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal for mining of sand from of Lima Sand Bed over an area of 12.355 acres or 5.00 hectares bearing Khata No. 541, Plot No. 688, 691, 682, 681, 679, 677, 2073 & 2401 in the village Lima under Tahasil Kundra, District Koraput, State Odisha.
- (iii) The mining area is a part of Survey of India Toposheet NoE44K4 (65J/5), bounded by Latitude: 18°53'30.31" N to 18°53'44.10" N and Longitude: 82°20'52.13" E to 82°21'00.77" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Lima Sand Bed sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Kundra to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (v) Documents submitted: -Form-1, Form-2, PFR, EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (vi) Whether submitted KML file of the lease area-Yes
- (ii) Whether submitted scrutiny fee- Yes, of Rs. 2000/- vide E-Challan Ref. No. 33764E20CF dated 28.10.2022.
- (vii) Distance from nearest sanctuary/ESZ- Ambapani WLS-83 km
- (viii) Whether the lease area coming in DLC report-N/A
- (ix) Whether the lease area reflecting in DSR-Yes
- (x) Method of mining-Manual
- (xi) River-Kurulu, Depth of Sand Deposition-1.0 meter
- (xii) Distance from nearest road bridge-1.70 km, village road -0.40 km
- (xiii) Whether it is part of cluster -No.
- (xiv) Whether EC obtained earlier-Yes and submitted EC compliance but not mentioned the production details.
- (xv) Date of approval of mining plan- the Joint Director of Geology, Koraput on 26.07.2021.



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- (xvi) Production capacity per annum-3000 cum/annum (max.), total production in 5 years period-15000 cum, Geological reserve-50000 cum and Mineable reserve-30000 cum.
- (xvii) As per mining plan the approved depth for mining-0.5 meter.
- (xviii) 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**
- (xix) Any deficiencies/omission have been noticed in the above documents-**Nil.**

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 30.11.2022 and the SEAC recommended for grant of Environmental Clearance.

Decision of Authority:

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

- (i) Maximum depth of mining 0.5 meter and maximum quantity of extraction shall be limited to 3000 cum in 1st year and 750 cum in the 2nd year. Grant of EC for further period will be considered on submission of rate of replenishment study report by December 2024 through ORSAC empanelled agency and also after submission of approved DSR 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.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.105.04	
Proposal No.	SIA/OR/MIN/402438/2022
Date of application	10.11.2022
File No.	402438/778-MINB1/11-2022
Project Type	Fresh proposal for EC
Category	B1(Individual Lease area), B1(Cluster Lease area 11.331 Ha with 3 quarries)
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC of Sunathar-C C Stone Quarry-C over an area of 13.00 acres or 5.261 hectares bearing Khata no. 2103, Plot no. 6439(C) in Sunathar village of Purushottampur Tahasil, District- Ganjam, State Odisha submitted under cluster approach with total cluster area 11.331 Hectares with consisting of 3 stone quarries
Name of the company/Organization	Sri Kapila Chandra Sahu S/o-Padma Charan Sahu At/Po-Gandala, Dist-Ganjam
Location of Project	Odisha
Name of the NABET Consultancy	M/s P & M Solution

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

- (i) This is a proposal for mining of Stone from Sunathar - C Stone Quarry over an area of 13.00 acres or 5.261 hectares bearing Khata no. 2103, Plot no. 6439(C) in Sunathar village of Purushottampur Tahasil, District- Ganjam, State Odisha submitted under cluster approach with total cluster area 11.331 Hectares with consisting of 3 stone quarries and the status of mines are as follows.
Status of Quarries- Quarry No-A-New
Quarry No-B-New
Quarry No-C-New
- (ii) The present proposal is for EC of Sunathar-C Stone Quarry over an area of 13.00 acres or 5.261 hectares bearing Khata no. 2103, Plot no. 6439(C) in Sunathar village of Purushottampur Tahasil, District- Ganjam, State Odisha of Sri Kapila Chandra Sahu (Successful Bidder/Lessee).
- (iii) The mining area is a part of Survey of India Toposheet No. E45A15 bounded by Latitude: 19'25'6.11"N to 19'25'16.26"N and longitudes of 84'53'28.90"E to 84'53'38.87"E.
- (iv) The mining lease is an identified sairat source in the DSR. The Sunathar-C Stone Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Purushottampur to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years. The lease period of 5 years shall take

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- (v) effect from the date of registration of duly executed lease deed in this regard by the Tahasildar.
- (vi) The cluster certificate has been furnished by the Tahasildar certifying that there are 03 Nos. of mines located within 500 meters and forms a single cluster of 11.331 ha. Again, there are no other mines from the periphery of the proposed mine lease area cluster. As reported by the Tahasildar, this sairat source is a part of a cluster.
- (vii) This present proposal of Sunathar Stone Quarry (A, B & C) is a cluster stone mining project and the total cluster area is 11.331 ha. is located in village-Sunathar, Tahasil-Purushottampur & District- Ganjam, Odisha. Sunathar Stone Quarry (A & B) mining leases are granted to Sri Gopal Chandra Sahu and Sunathar Stone Quarry C is granted to Sri Kapila Chandra Sahu by Tahasildar, Purushottampur vide letter no. - 3504 dated 31-08-2019 for Sunathar-A, vide letter no. 4963 dated 19-09-2018 for Sunathar-B & vide letter no. 4964 dated 19-09-2018 for Sunathar-C.
- (viii) The Mining Plan of proposed stone quarry (A), (B) & (C) (3 Nos.) has been approved by the approving authority, Directorate of Geology, Bhubaneswar, Odisha vide letter nos. GXV(j)-175(P)/2897/ DG on 14-05-2020 for Sunathar Stone Quarry – (A), GXVII(g)-175/18 DG on 18-03-2020 for Sunathar Stone Quarry – (B) and GXVII(g)-176/18 DG on 18-03-2020 for Sunathar Stone Quarry – (C).
- (ix) The mining lease area is identified and listed in the DSR of Ganjam under minor mineral-stone page no.72 & 75, para no. 56, 57 and 77. It's a new cluster mine as mentioned in checklist.
- (x) **Location and connectivity:** The Sunathar Stone Quarry Cluster (A, B & C) is proposed on Khata no. 2103, Plot no. 6439 (A, B, C) located at Village-Sunathar, Tahasil- Purushottampur, District-Ganjam, Odisha. The Geocoordinates of the cluster extends from Latitude-19°24'41.85"N to 19°24'57.65" N and Longitude-84°53'20.25"E to 84°53'34.67"E with an elevation of about 50 m RL to 103 m. The area falls in Survey of India topo sheet No. E45A15. Nearest Town is Purushottampur, approx.12 km in North direction, nearest Railway Station is Narsimhapur Railway station, approx. 6.0 km in NE direction, nearest State & National Highway are SH36, approx. 2.5 km SE direction and NH5, approx. 9.2 km SE direction, nearest Airport is Bhubaneswar Airport is approx. 135 km towards NE direction. Nearest Road Bridge is at a distance of 1.0 km from the mining lease.
- (xi) **Total Reserves & production:** The total geological reserves of the cluster area Sunathar Stone Quarry-(A) 96300 cum, Sunathar Stone Quarry-(B)407232 cum and Sunathar Stone Quarry – (C) 1041057cum. The total mineable reserves of the cluster area -Sunathar Stone Quarry-(A)44752cum, Sunathar Stone Quarry-(B) 309286 cum and Sunathar Stone Quarry – (C) 766833 cum. The total production of the cluster during the 5-year plan period is 22140cum and annual production is 4,554cum as per the below given table.

Year	Cross section area (sq.m)	Volume (cu.m)	Recovery (90%)	Production (cu.m)	Cross section area (sq.m)	Volume (cu.m)	Recovery (90%)	Production (cu.m)	Cross section area (sq.m)	Volume (cu.m)	Recovery (90%)	Production (cu.m)



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	Sunathar Stone Quarry-A				Sunathar Stone Quarry-B				Sunathar Stone Quarry-C			
st	20	170	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584
nd	20	170	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584
rd	20	170	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584
th	20	170	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584
th	20	170	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584
	Total			7650	Total			7200	Total			7290

- (xi) **Mining method:** The mining method will be opencast semi-mechanized method with bench height 5.0m and width more than height. Ultimate pit depth max. 4m to 8m (8m, 4m & 8m for mine A, B & C respectively) at the hills & slopes (upto 68m RL for mine A & B and upto 66mRL formine C). Ultimate pits lope will be 45°.
- (xii) **Waste Generation and management** - About 10 % of mine waste will be generated which is mineral fines along with undersized material & other intermediate weathered products. These wastes will be disposed to the proposed dump yard in NW part of lease area. These wastes will be used for the construction of mine road. Since, the dump will be active during the plan period so no reclamation has been suggested.

	Sunathar Stone Quarry-A	Sunathar Stone Quarry-B	Sunathar Stone Quarry-C
st	170	160	176
nd	170	160	176
rd	170	160	176
th	170	160	176
th	170	160	176

- (xiii) **Water requirement:** The total water consumption of the Sunathar stone cluster is about 7.5 KLD (Domestic & drinking-0.38 KLD + Dust suppression-3.1 KLD + Greenbelt development- 4 KLD). The water will be supplied from available sources from nearby village.
- (xiv) **Waste water:** The waste water generation from the above consumption is mainly from domestic consumption i.e. the waste water generated from the domestic front is mainly from toilets. This water will be treated in septic tank followed by soak pit.
- (xv) **Power requirement:** Electrical power will be required only for site office and will be obtained from Solar energy. Transportation will be done through dumpers or trucks operating on diesel. No storage for diesel is proposed.
- (xvi) **Manpower:** The total manpower requirement is 38 persons.
- (xvii) **Greenbelt:** The entire plantation will be done on the periphery of the reclaimed area. Precautionary measures will be taken for care of the forestation made by regular watering in the afforested area, to protect from grazing animals. Plantation will be raised at a spacing of 2.5m along the boundaries of the mining lease by planting the native species around ML area, backfilled and reclaimed

[Signature]

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area, around water body, roads etc. in consultation with the local DFO/Agriculture department as per the below table

Year	Total plantation	Green Belt in Nos.		
		Mine-A	Mine -B	Mine-C
1 st year	400	95	130	175
2 nd year	400	95		175
3 rd year	400	95	130	175
4 th year	400	95	130	175
5 th year	400	95	130	175
Total	2000	475	650	875

- (xviii) Documents submitted: -Form-1, Form-2, D.L.C., PFR, EIA & EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (xix) Whether submitted KML file of the lease area-Yes
- (xx) Whether submitted scrutiny fee-Yes, of Rs 2000/- vide E-Challan Ref. No. 2EC6B8F1C6 dated 02.09.2020.
- (xxi) Distance from nearest sanctuary/ESZ- Gahirmartha Maraine WLS-22 Km
- (i) Whether the lease area coming in DLC report- No, as submitted by DFO Berhampur Division vide their letter no. 993/4F dated 01.02.2021.
- (xxii) Whether the lease area reflecting in DSR-Yes
- (xxiii) Method of mining-Semi-mechanized
- (xxiv) Distance from nearest road bridge-11.0 km, village road -0.80 km
- (xxv) Whether it is part of cluster –Yes and submitted cluster EIA & EMP
- (xxvi) Whether EC obtained earlier-No
- (xxvii) Date of approval of mining plan- the Director of Geology, Bhubaneswar on 18.03.2020.
- (xxviii) Production capacity per annum-1584 cum/annum (max.), total production in 5 years period-7920 cum, Geological reserve-1041057 cum and Mineable reserve-766833 cum.
- (xxix) The approved depth for mining-5.0 meter.
- (xxx) The Terms of Reference (ToR) was granted by SEIAA vide letter no 1257/SEIAA dated 09.04.2021 for Sunathar Stone Quarry Cluster (A, B, C) for undertaking detailed EIA studies.
- (xxxi) Public hearing was successfully conducted on 20.07.2022 at 11:00 AM, as per the guidelines given in EIA Notification 14th September' 2006 and its subsequent amendment at quarry site of village Sunathar, Purushottampur Tahasil of Ganjam District and issues raised during public hearing for this project- Dust pollution, plantation for protection of environment, local employment, provision for ID cards and Insurance facilities to workers, minor minerals shall be available for the local people at the cheap price.
- (xxxii) Green Belt Development: Greenbelt plantation will be done by planting 2000 nos. saplings of suitable species by the lessee as per submission in EIA/EMP report.
- (xxxiii) **Project Cost:** The estimated cost of the project is Rs.75 lakhs. Cost for implementation of EMP is-Capital cost-Rs.14.467lakhs(in Cluster)and Recurring cost-



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Rs.11.920Lakhs/annum(in Cluster)
(xxxiv) Yearly expenditure for socio-economic development

Sl. No.	Activities	Cost (Lakh/annum)				5 th year
		1 st year	2 nd year	3 rd year	4 th year	
	Constructing Cow shed and financial aid for medical camp	Sunathara, 0.20lakh	Sunathara, 0.20lakh	Sunathara, 0.20lakh	Sunathara, 0.20lakh	Sunathara, 0.20lakh
	Drinking water facility in	Majhidiha Village 0.50lakh	Majhidiha Village 0.50lakh	Majhidiha Village 0.50lakh	Majhidiha Village 0.50lakh	Majhidiha Village 0.50lakh
	Distribution of PPE Such as hand sanitizer, hand gloves and nose mask and training to villagers for precautions needed amid pandemic.	Padmabati Village 0.30lakh	Padmabati Village 0.30lakh	Padmabati Village 0.30lakh	Padmabati Village 0.30lakh	Padmabati Village 0.30lakh
	Total	1.0lakh	1.0lakh	1.0lakh	1.0lakh	1.0lakh

(xxxv) Budget provision for occupational health-1 Lakh per year.

(xxxvi) **Budget for water, shelter and sanitation for mineworker**

Scheme	Capital Cost (In Rs.)	Recurring Cost (In Rs.)
Drinking water facility	1,00,000	50,000
Rest shelter	1,00,000	10,000
Sanitation (Urinal and Toilet)	1,00,000	15,000
Total	3,00,000	75,000

Budget for environmental protection of Quarry-A

Particulars	Capital Cost(Rs.)	Recurring Cost (Rs.)/annum
Pollution Control		
Dust suppression by Water sprinkler	-	1,00,000 /-
Garland drain Settling tank 10m*02m*03m	1,00,000 /-	20,000/-
Pollution Monitoring	--	1,00,000/- (Air-50000/- 6 monthly except monsoon) (Water – 35000/- quarterly) (Soil & Noise-15000/- monthly)
Greenbelt & afforestation	53,200/-	1,00,000/-
Cost of PPE	80,000/-	50,000/-
Occupational Health	Firefighting/DMP --50,000	Firefighting/DMP--50,000/-
Construction and maintenance of Pakka road to mine of length approx. 530 m and width 6m.	1,32,500 /-	78,000 /-



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Development of grazing land	50,000 /-	20,000 /-
Total	04,65,500/-	5,18,000 /-

Budget for environmental protection of Quarry-B

Particulars	Capital Cost (Rs.)	Recurring Cost (Rs./annum)
Pollution Control		
Dust suppression by Water sprinkler	-	1,00,000 /-
Garland drain Settling tank 10m*02m*03m	1,00,000 /-	20,000/-
Pollution Monitoring	--	1,00,000/- (Air-50000/- 6 monthly except monsoon) (Water – 35000/- quarterly) (Soil & Noise– 15000/-6 monthly)
Greenbelt & afforestation	03,48,000/-	1,00,000/-
Cost of PPE	80,000/-	50,000/-
Occupational Health	Fire-fighting /DMP--50,000	Firefighting/DMP--50,000/-
Construction and maintenance of Pakka road to mine of length approx. 530 m and width 6m.	1,32,500 /-	78,000 /-
Development of grazing land	50,000 /-	20,000 /-
Total	7,60,500/-	5,18,000 /-

Budget for environmental protection of Quarry-C

Particulars	Capital Cost (Rs.)	Recurring Cost (Rs./annum)
Pollution Control		
Dust suppression by Water sprinkler	-	1,00,000 /-
Garland drain Settling tank 10m*02m*03m	1,00,000 /-	20,000/-
Pollution Monitoring	--	1,00,000/- (Air-50000/- 6 monthly except monsoon) (Water – 35000/- quarterly) (Soil & Noise– 15000/- 6 monthly)
Greenbelt & afforestation	03,48,000/-	1,00,000/-
Cost of PPE	80,000/-	50,000/-
Occupational Health	Firefighting / DMP--50,000	Firefighting/DMP--50,000/-

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Construction and maintenance of Pakka road to mine of length approx. 530 m and width 6m.	1,32,500 /-	78,000 /-
Development of grazing land	50,000 /-	20,000 /-
Total	7,60,500/-	5,18,000 /-

Budget for environmental protection of Cluster

Particulars	Capital Cost (Rs.)	Recurring Cost (Rs.)/annum
Pollution Control		
Dust suppression by Water sprinkler	-	1,00,000 /-
Garland drain Settling tank 10m*02m*03m	1,00,000 /-	20,000/-
Pollution Monitoring	--	1,00,000/- (Air-50000/- 6 monthly except monsoon) (Water – 35000/- quarterly) (& Noise-15000/- 6 monthly)
Green belt & afforestation	10,00,000/-	1,00,000/-
Cost of PPE	80,000/-	50,000/-
Occupational Health	Firefighting/DMP- 50,000	Firefighting/DMP--50,000/-
Construction and maintenance of Pakka road to mine of length approx. 530 m and width 6m.	1,00,000 /-	78,000 /-
Development of grazing land	50,000 /-	20,000 /-
Total	13,80,000/-	5,18,000 /-

(xxxvii) 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

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

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Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 29.11.2021 and the SEAC approved the EIA/EMP report in cluster approach and recommended the following:

- a) The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Sunathar Stone Quarry (A,B&C) in cluster without referring to SEAC with specific conditions as per **Annexure – A** after receipt of individual applications from the lessee in cluster along with following documents.
- i) Filled in form-I of individual lease
 - ii) Prefeasibility report of individual lease
 - iii) EMP of individual lease.
 - iv) Approved Mining Plan of individual lease.
 - v) Report on vibration study.
 - vi) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
 - vii) An Undertaking by the lessee not to use wagon drilling blasting to be submitted. Accordingly, specific condition to be stipulated in EC of individual lease.
 - viii) No storage and usage of blasting materials/explosives inside the lease area without license/permission/authorization from competent Authority as per Indian Explosives Rules, 1983 shall be ensured by the lessee. An undertaking to this effect shall be submitted by the lessee. Accordingly, specific condition to be stipulated in EC of individual lease.
 - ix) An undertaking to obtain NOC from CGWA and permission from WR department, Govt. of Odisha for use of ground water. Accordingly, specific condition to be stipulated in EC of individual lease.
 - x) The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.

Decision of Authority

After detailed deliberations, the Authority decided **to approve the combined EIA and EMP in cluster approach**. Each project proponent should apply the individual application form along with following documents.

- i) Filled-in form-I of individual lease
- ii) Pre-feasibility report of individual lease
- iii) EMP of individual lease with undertaking that budget provision for EMP will be spent within 3 years period.
- iv) Approved Mining Plan of individual lease.
- v) Report on vibration study.
- vi) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
- vii) An Undertaking by the lessee not to use wagon drilling blasting to be submitted. Accordingly, specific condition to be stipulated in EC of individual lease.
- viii) No storage and usage of blasting materials/explosives inside the lease area without license/permission/authorization from competent Authority as per Indian Explosives Rules, 1983 shall be ensured by the lessee. An undertaking to this effect shall be submitted by the lessee. Accordingly, specific condition to be stipulated in EC of individual lease.






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- ix) An undertaking to obtain NOC from CGWA and permission from WR department, Govt. Of Odisha for use of ground water. Accordingly, specific condition to be stipulated in EC of individual lease.
- x) The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.105.05	
Proposal No.	SIA/OR/MIN/402397/2022
Date of application	10.11.2022
File No.	402397/777-MINB1/11-2022
Project Type	Fresh proposal for EC
Category	B1(Individual Lease area), B1(Cluster Lease area 11.331 Ha with 3 quarries)
Project/Activity including Schedule	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC of Sunathar-C & Stone Quarry-B over an area of 13.00 acres or 5.261 hectares bearing Khata no. 2103, Plot no. 6439(C) in Sunathar village of Purushottampur Tahasil, District- Ganjam, State Odisha submitted under cluster approach with total cluster area 11.331 Hectares with consisting of 3 stone quarries
Name of the company/Organization	Sri Gopal Chandra Sahu S/o-Padma Charan Sahu At/Po-Gandala, Dist-Ganjam
Location of Project	Odisha
Name of the NABET Consultancy	M/s P & M Solution

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

- (i) This is a proposal for mining of Stone from Sunathar – B Stone Quarry over an area of 13.00 acres or 5.261 hectares bearing Khata no. 2103, Plot no. 6439(C) in Sunathar village of Purushottampur Tahasil, District- Ganjam, State Odisha submitted under cluster approach with total cluster area 11.331 Hectares with consisting of 3 stone quarries and the status of mines are as follows.

Status of Quarries- Quarry No-A-New, Quarry No-B-New
Quarry No-C-New

- (ii) The present proposal is for EC of Sunathar-B Stone Quarry over an area of 13.00 acres or 5.261 hectares bearing Khata no. 2103, Plot no. 6439(C) in Sunathar village of Purushottampur Tahasil, District- Ganjam, State Odisha of Sri Gopal Chandra Sahu (Successful Bidder/Lessee).
- (iii) The mining area is a part of Survey of India Toposheet No. E45A15 bounded by Latitude: 19°24'43.47"N to 19°24'51.43"N and longitudes of 84°53'18.96"E to 84°53'28.27"E.
- (iv) The mining lease is an identified sairat source in the DSR. The Sunathar-B sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Purushottampur to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years. The lease period of 5 years shall take effect from the date of registration of duly executed lease deed in this regard by the Tahasildar.
- (v) The cluster certificate has been furnished by the Tahasildar certifying that there are 03 Nos. of mines located within 500 meters and forms a single cluster of 11.331 ha. Again, there are no other mines from the periphery of the proposed mine lease area cluster. As reported by the Tahasildar, this sairat source is a part of a cluster.

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- (vi) This present proposal of Sunathar Stone Quarry (A, B & C) is a cluster stone mining project and the total cluster area is 11.331 ha. is located in village-Sunathar, Tahasil-Purushottampur & District-Ganjam, Odisha. Sunathar Stone Quarry (A & B) mining leases are granted to Sri Gopal Chandra Sahu and Sunathar Stone Quarry C is granted to Sri Kapila Chandra Sahu by Tahasildar, Purushottampur vide letter no. - 3504 dated 31-08-2019 for Sunathar - A, vide letter no. 4963 dated 19-09-2018 for Sunathar- B & vide letter no. 4964 dated 19-09-2018 for Sunathar-C.
- (vii) The Mining Plan of proposed stone quarry (A), (B) & (C) (3 Nos.) has been approved by the approving authority, Directorate of Geology, Bhubaneswar, Odisha vide letter nos. GXV(j)-175(P)/2897/ DG on 14-05-2020 for Sunathar Stone Quarry-(A), GXVII(g)-175/18 DG on 18-03-2020 for Sunathar Stone Quarry – (B) and GXVII(g)-176/18 DG on 18-03-2020 for Sunathar Stone Quarry– (C).
- (viii) The mining lease area is identified and listed in the DSR of Ganjam under minor mineral – stone page no.72 &75, parano.56,57 and 77. It's a new cluster mine as mentioned in checklist.
- (ix) **Location and connectivity:** The Sunathar Stone Quarry Cluster (A, B & C) is proposed on Khata no. 2103, Plot no. 6439 (A, B, C) located at Village-Sunathar, Tahasil-Purushottampur, District-Ganjam, Odisha. The Geocoordinates of the cluster extends from Latitude 19°24'41.85"N to 19°24'57.65"N and Longitude 84°53'20.25"E to 84°53'34.67"E with an elevation of about 50 m RL to 103 m. The area falls in Survey of India topo sheet No. E45A15. Nearest Town is Purushottampur, approx. 12 km in North direction, nearest Railway Station is Narsimhapur Railway station, approx. 6.0 km in NE direction, nearest State & National Highway are SH36, approx. 2.5km SE direction and NH5, approx. 9.2 km SE direction, nearest Airport is Bhubaneswar Airport is approx. 135 km towards NE direction. Nearest Road Bridge is at a distance of 11.0 km from the mining lease.
- (x) **Total Reserves & production:** The total geological reserves of the cluster area Sunathar Stone Quarry-(A) 96300 cum, Sunathar Stone Quarry-(B) 407232 cum and Sunathar Stone Quarry – (C) 1041057 cum. The total mineable reserves of the cluster area -Sunathar Stone Quarry-(A) 44752 cum, Sunathar Stone Quarry-(B) 309286 cum and Sunathar Stone Quarry-(C) 766833 cum. The total production of the cluster during the 5-year plan period is 22140 cum and annual production is 4,554 cum as per the below given table.

Year	Cross section area (sq.m)	Volume (cu.m)	Recovery (90%)	Production (cu.m)	Cross sectional area (sq.m)	Volume (cu.m)	Recovery (90%)	Production (cu.m)	Cross sectional area (sq.m)	Volume (cu.m)	Recovery (90%)	Production (cu.m)
	Sunathar Stone Quarry A				Sunathar Stone Quarry B				Sunathar Stone Quarry C			
1st	20	1700	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584
2nd	20	1700	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584
3rd	20	1700	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584
4th	20	1700	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584
5th	20	1700	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584
			Total	7650		Total	7200		Total			7290

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- (xi) **Mining method:** The mining method will be opencast semi-mechanized method with bench height 5.0m and width more than height. Ultimate pit depth max. 4m to 8m (8m, 4m & 8m for mine A, B & C respectively) at the hills & slopes (upto 68m RL for mine A & B and upto 66mRLformine C). Ultimate pits lope will be 45°.
- (xii) **Waste Generation and management** - About 10 % of mine waste will be generated which is mineral fines along with undersized material & other intermediate weathered products. These wastes will be disposed to the proposed dump yard in NW part of lease area. These wastes will be used for the construction of mine road. Since, the dump will be active during the plan period so no reclamation has been suggested.

	Sunathar Stone Quarry-A	Sunathar Stone Quarry-B	Sunathar Stone Quarry-C
1 st	170	160	176
2 nd	170	160	176
3 rd	170	160	176
4 th	170	160	176
5 th	170	160	176

- (xiii) **Water requirement:** The total water consumption of the Sunathar stone cluster is about 7.5KLD (Domestic & drinking-0.38KLD+Dustsuppression-3.1KLD+Green belt development - 4KLD). The water will be supplied from available sources from nearby village.
- (xiv) **Waste water:** The waste water generation from the above consumption is mainly from domestic consumption i.e. the waste water generated from the domestic front is mainly from toilets. This water will be treated in septic tank followed by soak pit.
- (xv) **Power requirement:** Electrical power will be required only for site office and will be obtained from Solar energy. Transportation will be done through dumpers or trucks operating on diesel. No storage for diesel is proposed.
- (xvi) **Manpower:** The total manpower requirement is 38 persons.
- (xvii) **Greenbelt:** The entire plantation will be done on the periphery of there claimed area. Precautionary measures will be taken for care of the forestation made by regular watering in the afforested area, to protect from grazing animals. Plantation will be raised at a spacing of 2.5m along the boundaries of the mining lease by planting the native species around ML area, backfilled and reclaimed area, around water body, roads etc. in consultation with the local DFO/Agriculture department as per the below table.

Year	Total plantation	Green Belt in Nos.		
		Mine-A	Mine -B	Mine-C
1 st year	400	95	130	175
2 nd year	400	95		175
3 rd year	400	95	130	175
4 th year	400	95	130	175
5 th year	400	95	130	175

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Total	2000	475	650	875
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- (xviii) Documents submitted: -Form-1, Form-2, D.L.C., PFR, EIA & EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (xix) Whether submitted KML file of the lease area-Yes
- (xx) Whether submitted scrutiny fee-Yes, of Rs. 2000/- vide E-Challan Ref. no. 2EC6B8F315 dated 02.09.2020
- (xxi) Distance from nearest sanctuary/ESZ- Gahirmartha Maraine WLS-22 Km
- (ii) Whether the lease area coming in DLC report- No, as submitted by DFO Berhampur Division vide their letter no. 993/4F dated 01.02.2021.
- (xxii) Whether the lease area reflecting in DSR-Yes
- (xxiii) Method of mining-Semi-mechanized
- (xxiv) Distance from nearest road bridge-11.0 km, village road -0.80 km
- (xxv) Whether it is part of cluster –Yes and submitted cluster EIA & EMP
- (xxvi) Whether EC obtained earlier-No
- (xxvii) Date of approval of mining plan- the Director of Geology, Bhubaneswar on 18.03.2020.
- (xxviii) Production capacity per annum-1440 cum/annum (max.), total production in 5 years period-7200 cum, Geological reserve-407232 cum and Mineable reserve-309286 cum.
- (xxix) The approved depth for mining-5.0 meter.
- (xxx) The Terms of Reference (ToR) was granted by SEIAA vide letter no 1257/SEIAA dated 09.04.2021 for Sunathar Stone Quarry Cluster (A, B, C) for undertaking detailed EIA studies.
- (xxxii) Public hearing was successfully conducted on 20.07.2022 at 11:00 AM, as per the guidelines given in EIA Notification 14th September' 2006 and its subsequent amendment at quarry site of village Sunathar, Purushottampur Tahasil of Ganjam District and issues raised during public hearing for this project-Dust pollution, plantation for protection of environment, local employment, provision for ID cards and Insurance facilities to workers, minor minerals shall be available for the local people at the cheap price.
- (xxxiii) Green Belt Development: Greenbelt plantation will be done by planting 2000 nos. saplings of suitable species by the lessee as per submission in EIA/EMP report.
- (xxxiiii) **Project Cost:** The estimated cost of the project is Rs.75 lakhs. Cost for implementation of EMP is- Capital cost-Rs.14.467lakhs (in Cluster) and Recurringcost-Rs.11.920 Lakhs/annum (in Cluster).
- (xxxiv) **Yearly expenditure for socio-economic development**

Sl. No	Activities	Cost (Lakh/annum)				5 th year
		1 st year	2 nd year	3 rd year	4 th year	
	Constructing Cow shed and financial aid for medical camp	Sunathara, 0.20lakh	Sunathara, 0.20lakh	Sunathara, 0.20lakh	Sunathara, 0.20lakh	Sunathara, 0.20lakh
	Drinking water facility in	Majhidiha Village 0.50lakh	Majhidiha Village 0.50lakh	Majhidiha Village 0.50lakh	Majhidiha Village 0.50lakh	Majhidiha Village 0.50lakh
	Distribution of PPE Such as hand sanitizer, hand gloves and nose mask and training to villagers for precautions needed amid pandemic.	Padmabati Village 0.30lakh	Padmabati Village 0.30lakh	Padmabati Village 0.30lakh	Padmabati Village 0.30lakh	Padmabati Village 0.30lakh
	Total	1.0lakh	1.0lakh	1.0lakh	1.0lakh	1.0lakh

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(xxxv) Budget provision for occupational health-1 Lakh per year.

(xxxvi) **Budget for water, shelter and sanitation for mine worker**

Scheme	Capital Cost (In Rs.)	Recurring Cost (In Rs.)
Drinking water facility	1,00,000	50,000
Rest shelter	1,00,000	10,000
Sanitation (Urinal and Toilet)	1,00,000	15,000
Total	3,00,000	75,000

Budget for environmental protection of Quarry-A

Particulars	Capital Cost(Rs.)	Recurring Cost(Rs.)/annum
Pollution Control		
Dust suppression by Water sprinkler	-	1,00,000 /-
Garland drain Settling tank 10m*02m*03m	1,00,000 /-	20,000/-
Pollution Monitoring	--	1,00,000/- (Air-50000/- 6 monthly except monsoon) (Water – 35000/- quarterly) (Soil & Noise-15000/-
Greenbelt & afforestation	53,200/-	1,00,000/-
Cost of PPE	80,000/-	50,000/-
Occupational Health	Firefighting/DMP --50,000	Firefighting/DMP-- 50,000/-
Construction and maintenance of Pakka road to mine of length approx. 530 m and width 6m.	1,32,500 /-	78,000 /-
Development of grazing land	50,000 /-	20,000 /-
Total	04,65,500/-	5,18,000 /-

Budget for environmental protection of Quarry-B

Particulars	Capital Cost(Rs.)	Recurring Cost(Rs.)/annum
Pollution Control		
Dust suppression by Water sprinkler	-	1,00,000 /-
Garland drain Settling tank 10m*02m*03m	1,00,000 /-	20,000/-

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Pollution Monitoring	--	1,00,000/- (Air-50000/- 6 monthly except monsoon) (Water – 35000/- quarterly) (Soil&Noise– 15000/-
Greenbelt & afforestation	03,48,000/-	1,00,000/-
Cost of PPE	80,000/-	50,000/-
Occupational Health	Firefighting/DMP --50,000	Firefighting/DMP-- 50,000/-
Construction and maintenance of Pakka road to mine of length approx. 530 m and width 6m.	1,32,500 /-	78,000 /-
Development of grazing land	50,000 /-	20,000 /-
Total	7,60,500/-	5,18,000 /-

Budget for environmental protection of Quarry-C

Particulars	Capital Cost(Rs.)	Recurring Cost(Rs./annum
Pollution Control		
Dust suppression by Water sprinkler	-	1,00,000 /-
Garland drain Settling tank 10m*02m*03m	1,00,000 /-	20,000/-
Pollution Monitoring	--	1,00,000/- (Air-50000/- 6 monthly except monsoon) (Water – 35000/- quarterly) (Soil&Noise– 15000/-
Greenbelt & afforestation	03,48,000/-	1,00,000/-
Cost of PPE	80,000/-	50,000/-
Occupational Health	Fire fighting /DMP--50,000	Firefighting/DMP-- 50,000/-
Construction and maintenance of Pakka road to mine of length approx. 530 m and width 6m.	1,32,500 /-	78,000 /-
Development of grazing land	50,000 /-	20,000 /-
Total	7,60,500/-	5,18,000 /-

Budget for environmental protection of Cluster

Particulars	Capital Cost(Rs.)	Recurring Cost(Rs./annum
Pollution Control		
Dust suppression by Water sprinkler	-	1,00,000 /-

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Garland drain Settling tank 10m*02m*03m	1,00,000 /-	20,000/-
Pollution Monitoring	--	1,00,000/- (Air-50000/- 6 monthly except monsoon) (Water - 35000/- quarterly)(Soil&Noise- 15000/- 6monthly)
Greenbelt & afforestation	10,00,000/-	1,00,000/-
Cost of PPE	80,000/-	50,000/-
Occupational Health	Firefighting/DMP- -50,000	Firefighting/DMP-- 50,000/-
Construction and maintenance of Pakka road to mine of length approx. 530 m and width 6m.	1,00,000 /-	78,000 /-
Development of grazing land	50,000 /-	20,000 /-
Total	13,80,000/-	5,18,000 /-

(xxxvii) 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

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

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 29.11.2021 and the SEAC approved the EIA/EMP report in cluster approach and recommended the following:

- b) The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Sunathar Stone Quarry(A,B&C)in cluster without referring to SEAC with specific conditions as per **Annexure – A** after receipt of individual applications from the lessee in cluster along with following documents.
- i) Filled in form-I of individual lease
 - ii) Prefeasibility report of individual lease
 - iii) EMP of individual lease.
 - iv) Approved Mining Plan of individual lease.
 - v) Report on vibration study.
 - vi) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
 - vii) An Undertaking by the lessee not to use wagon drilling blasting to be submitted. Accordingly, specific condition to be stipulated in EC of individual lease.
 - viii) No storage and usage of blasting materials/explosives inside the lease area without license/permission/authorization from competent Authority as per Indian Explosives Rules, 1983 shall be ensured by the lessee. An undertaking to this effect shall be submitted by the lessee. Accordingly, specific condition to be stipulated in EC of individual lease.
 - ix) An undertaking to obtain NOC from CGWA and permission from WR department, Govt. Of Odisha for use of groundwater. Accordingly, specific condition to be stipulated in EC of individual lease.

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- x) The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.

Decision of Authority

After detailed deliberations, the Authority decided to **approve the cluster EIA and EMP in cluster approach**, the project proponent ask to apply the individual application form along with the required following documents.

- i) Filled in form-I of individual lease
- ii) Prefeasibility report of individual lease
- iii) EMP of individual lease with undertaking that budget provision for EMP will be expend within 3 years period.
- iv) Approved Mining Plan of individual lease.
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- vi) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
- vii) An Undertaking by the lessee not to use wagon drilling blasting to be submitted. Accordingly, specific condition to be stipulated in EC of individual lease.
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- ix) An undertaking to obtain NOC from CGWA and permission from WR department, Govt. Of Odisha for use of ground water. Accordingly, specific condition to be stipulated in EC of individual lease.
- x) The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



**Minutes of 105th Meeting of SEIAA, Odisha Held On 03.01.2023, 04.01.2023,
05.01.2023 and 06.01.2023**

AGENDA NO.105.06	
Proposal No.	SIA/OR/MIN/402117/2022
Date of application	03.10.2022
File No.	402117/775-MINB1/11-2022
Project Type	Fresh proposal for EC
Category	B2(Individual Lease area), B1(Cluster Lease area 11.331 Ha with 3 quarries)
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC of Sunathar - A Stone Quarry over an area of 2.00 acres or 0.809 hectares bearing Khata no. 2103, Plot no. 6439(A) in Sunathar village of Purushottampur Tahasil, District- Ganjam, State Odisha submitted under cluster approach with total cluster area 11.331 Hectares with consisting of 3 stone quarries
Name of the company/Organization	Sri Gopal Chandra Sahu S/o-Padma Charan Sahu At/Po-Gandala, Dist-Ganjam
Location of Project	Odisha
Name of the NABET Consultancy	M/s P & M Solution

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

- (iii) This is a proposal for mining of Stone from Sunathar - A Stone Quarry over an area of 2.00 acres or 0.809 hectares bearing Khata no. 2103, Plot no. 6439(A) in Sunathar village of Purushottampur Tahasil, District- Ganjam, State Odisha submitted under cluster approach with total cluster area 11.331 Hectares with consisting of 3 stone quarries submitted under cluster approach with total cluster area 11.331 Hectares with consisting of 3 stone quarries and the status of mines are as follows.

Status of Quarries- Quarry No-A-New
Quarry No-B-New
Quarry No-C-New

- (iv) The present proposal is for EC of Sunathar - A Stone Quarry over an area of 2.00 acres or 0.809 hectares bearing Khata no. 2103, Plot no. 6439(A) in Sunathar village of Purushottampur Tahasil, District- Ganjam, State Odisha of Sri Gopal Chandra Sahu (Successful Bidder/Lessee).
- (v) The mining area is a part of Survey of India Toposheet No. E45A15 bounded by Latitude: 19°24'41.85"N to 19°24'57.65"N and longitudes of 84°53'20.25"E to 84°53'34.67"E.
- (vi) The mining lease is an identified sairat source in the DSR. The Sunathar-A sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Purushottampur to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years. The lease period of 5 years shall take effect from the date of registration of duly executed lease deed in this regard by the Tahasildar.



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- (vii) The cluster certificate has been furnished by the Tahasildar certifying that there are 03 Nos. of mines located within 500 meters and forms a single cluster of 11.331 ha. Again, there are no other mines from the periphery of the proposed mine lease area cluster. As reported by the Tahasildar, this sairat source is a part of a cluster.
- (viii) This present proposal of Sunathar Stone Quarry (A, B & C) is a cluster stone mining project and the total cluster area is 11.331 ha. is located in village-Sunathar, Tahasil-Purushottampur & District- Ganjam, Odisha. Sunathar Stone Quarry (A & B) mining leases are granted to SriGopal Chandra Sahu and Sunathar Stone Quarry C is granted to Sri Kapila Chandra Sahu by Tahasildar, Purushottampur vide letter no. - 3504 dated 31-08-2019 for Sunathar-A, vide letter no. 4963 dated 19-09-2018 for Sunathar- B & vide letter no. 4964 dated 19-09-2018 for Sunathar-C.
- (ix) The Mining Plan of proposed stone quarry (A), (B) & (C) (3 Nos.) has been approved by the approving authority, Directorate of Geology, Bhubaneswar, Odisha vide letter nos. GXV(j)-175(P)/2897/ DG on 14-05-2020 for Sunathar Stone Quarry – (A), GXVII(g)-175/18 DG on 18-03-2020 for Sunathar Stone Quarry – (B) and GXVII(g)-176/18 DG on 18-03-2020 for Sunathar Stone Quarry– (C).
- (x) The mining lease area is identified and listed in the DSR of Ganjam under minor mineral – stone pageno.72 &75, parano.56,57 and77. It's a new cluster mine as mentioned in checklist.
- (xi) **Location and connectivity:** The Sunathar Stone Quarry Cluster (A, B & C) is proposed on Khata no. 2103, Plot no. 6439 (A, B, C) located at Village-Sunathar, Tahasil- Purushottampur, District-Ganjam, Odisha. The Geocoordinates of the cluster extends from Latitude19°24'41.85"Nto19°24'57.65"Nand Longitude 84°53'20.25"Eto84°53'34.67"E with an elevation of about 50 m RL to 103 m. The area falls in Survey of India topo sheet No. E45A15.Nearest Town is Purushottampur, approx.12 km in North direction, nearest Railway Station is Narsimhapur Railway station, approx. 6.0 km in NE direction, nearest State & National Highway are SH36, approx. 2.5km SE direction and NH5, approx. 9.2km SE direction, nearest Airport is Bhubaneshwar Airport is approx. 135 km towards NE direction. Nearest Road Bridge is at adistanceof11.0kmfromthemininglease.
- (xii) **Total Reserves & production:** The total geological reserves of the cluster area Sunathar Stone Quarry–(A)96300cum, Sunathar Stone Quarry–(B)407232 cum and Sunathar Stone Quarry – (C) 1041057cum. The total mineable reserves of the cluster area -Sunathar Stone Quarry–(A)44752cum, Sunathar Stone Quarry–(B)309286 cum and Sunathar Stone Quarry – (C) 766833 cum. The total production of the cluster during the 5-yearplanperiodis 22140cum andannualproduction is 4.554cumas perthebelowgiventable.

Year	Cross section area(sq.m)	Volume(cu.m)	Recovery (90%)	Production (cu.m.)	Cross sectional area(sq.m)	Volume(cu.m)	Recovery (90%)	Production (cu.m.)	Cross sectional area(sq.m)	Volume(cu.m)	Recovery (90%)	Production (cu.m.)
	Sunathar Stone Quarry A				Sunathar Stone Quarry B				Sunathar Stone Quarry C			
2020	20	1700	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584

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nd	20	170	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584		
rd	20	170	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584		
th	20	170	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584		
th	20	170	0.9	1530	40	1600	0.9	1440	22	1760	0.9	1584		
Total				7650	Total				7200	Total				7290

- (xiii) **Mining method:** The mining method will be opencast semi-mechanized method with bench height 5.0m and width more than height. Ultimate pit depth max. 4m to 8m (8m, 4m & 8m for mine A, B & C respectively) at the hills & slopes (upto 68m RL for mine A & B and upto 66mRL for mine C). Ultimate pits slope will be 45°.
- (xiv) **Waste Generation and management** - About 10 % of mine waste will be generated which is mineral fines along with undersized material & other intermediate weathered products. These wastes will be disposed to the proposed dump yard in NW part of lease area. These wastes will be used for the construction of mine road. Since, the dump will be active during the plan period so no reclamation has been suggested.

	Sunathar Stone Quarry-A	Sunathar Stone Quarry-B	Sunathar Stone Quarry-C
st 1	170	160	176
nd 2	170	160	176
rd 3	170	160	176
th 4	170	160	176
th 5	170	160	176

- (xv) **Water requirement:** The total water consumption of the Sunathar stone cluster is about 7.5KLD (Domestic & drinking-0.38KLD+Dust suppression-3.1KLD+Greenbelt development - 4KLD). The water will be supplied from available sources from nearby village.
- (xvi) **Waste water:** The waste water generation from the above consumption is mainly from domestic consumption i.e. the waste water generated from the domestic front is mainly from toilets. This water will be treated in septic tank followed by soak pit.
- (xvii) **Power requirement:** Electrical power will be required only for site office and will be obtained from Solar energy. Transportation will be done through dumpers or trucks operating on diesel. No storage for diesel is proposed.
- (xviii) **Manpower:** The total manpower requirement is 38 persons.
- (xix) **Greenbelt:** The entire plantation will be done on the periphery of their claimed area. Precautionary measures will be taken for care of the forestation made by regular watering in the afforested area, to protect from grazing animals. Plantation will be raised at a spacing of 2.5m along the boundaries of the mining lease by planting the native species around ML area, backfilled and reclaimed area, around water body, roads etc. in consultation with the local DFO/Agriculture department as per the below table

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Year	Total plantation	Green Belt in Nos.		
		Mine-A	Mine -B	Mine-C
1 st year	400	95	130	175
2 nd year	400	95	130	175
3 rd year	400	95	130	175
4 th year	400	95	130	175
5 th year	400	95	130	175
Total	2000	475	650	875

- (xx) Documents submitted: -Form-1, Form-2, PFR, D.L.C., EIA & EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (xxi) Whether submitted KML file of the lease area-Yes
- (xxii) Whether submitted scrutiny fee-Yes, of Rs. 1000/- vide e-Challan Ref. No. 2EC6B8F118 dated 02.09.2020.
- (xxiii) Distance from nearest sanctuary/ESZ- Gahirmartha Maraine WLS-22 Km
- (xxiv) Whether the lease area coming in DLC report-No, as submitted by DFO Berhampur Division vide their letter no. 993/4F dated 01.02.2021.
- (xxv) Whether the lease area reflecting in DSR-Yes
- (xxvi) Method of mining-Semi-mechanized
- (xxvii) Distance from nearest road bridge-11.0 km, village road -0.80 km
- (xxviii) Whether it is part of cluster –Yes and submitted cluster EIA & EMP
- (xxix) Whether EC obtained earlier-No
- (xxx) Date of approval of mining plan- the Director of Geology, Bhubaneswar on 14.05.2020.
- (xxxi) Production capacity per annum-1530 cum/annum (max.), total production in 5 years period-7630 cum, Geological reserve-96300 cum and Mineable reserve-44752 cum.
- (xxxii) The approved depth for mining-5.0 meter.
- (xxxiii) The Terms of Reference (ToR) was granted by SEIAA vide letter no 1257/SEIAA dated 09.04.2021 for Sunathar Stone Quarry Cluster (A, B, C) for undertaking detailed EIA studies.
- (xxxiv) Public hearing was successfully conducted on 20.07.2022 at 11:00 AM, as per the guidelines given in EIA Notification 14th September' 2006 and its subsequent amendment at quarry site of village Sunathar, Purushottampur Tahasil of Ganjam District and issues raised during public hearing for this project-Dust pollution, plantation for protection of environment, local employment, provision for ID cards and Insurance facilities to workers, minor minerals shall be available for the local people at the cheap price.
- (xxxv) Green Belt Development: Greenbelt plantation will be done by planting 2000 nos. saplings of suitable species by the lessee as per submission in EIA/EMP report.
- (xxxvi) **Project Cost:** The estimated cost of the project is Rs.75 lakhs. Cost for implementation of EMP is-Capital cost-Rs.14.467lakhs(in Cluster)and Recurring cost-Rs.11.920Lakhs/annum (in Cluster)

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(xxxvii) Yearly expenditure for socio-economic development

Sl. No	Activities	Cost (Lakh/annum)				5 th year
		1 st year	2 nd year	3 rd year	4 th year	
	Constructing Cow shed and financial aid for medical camp	Sunathara, 0.20lakh	Sunathara, 0.20lakh	Sunathara, 0.20lakh	Sunathara, 0.20lakh	Sunathara, 0.20lakh
	Drinking water facility in	Majhidiha Village 0.50lakh	Majhidiha Village 0.50lakh	Majhidiha Village 0.50lakh	Majhidiha Village 0.50lakh	Majhidiha Village 0.50lakh
	Distribution of PPE. Such as hand sanitizer, hand gloves and nose mask and training to villagers for precautions needed amid pandemic.	Padmabati Village 0.30lakh	Padmabati Village 0.30lakh	Padmabati Village 0.30lakh	Padmabati Village 0.30lakh	Padmabati Village 0.30lakh
	Total	1.0lakh	1.0lakh	1.0lakh	1.0lakh	1.0lakh

(xxxviii) Budget provision for occupational health-1 Lakh per year.

(xxxix) **Budget for water, shelter and sanitation for mine worker**

Scheme	Capital Cost (In Rs.)	Recurring Cost (In Rs.)
Drinking water facility	1,00,000	50,000
Restshelter	1,00,000	10,000
Sanitation (Urinaland Toilet)	1,00,000	15,000
Total	3,00,000	75,000

Budget for environmental protection of Quarry-A

Particulars	Capital Cost (Rs.)	Recurring Cost (Rs.)/annum
Pollution Control		
Dust suppression by Water sprinkler	-	1,00,000 /-
Garland drain Settling tank 10m*02m*03m	1,00,000 /-	20,000/-
Pollution Monitoring	--	1,00,000/- (Air-50000/- 6 monthly except monsoon) (Water - 35000/- quarterly) (Soil & Noise-15000/-
Greenbelt & afforestation	53,200/-	1,00,000/-
Cost of PPE	80,000/-	50,000/-
Occupational Health	Fire fighting /DMP--50,000	Firefighting/DMP--50,000/-
Construction and maintenance of Pakka road to mine of length approx. 530 m and width 6m.	1,32,500 /-	78,000 /-
Development of grazing land	50,000 /-	20,000 /-



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Total	04,65,500/-	5,18,000 /-
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Budget for environmental protection of Quarry-B

Particulars	Capital Cost(Rs.)	Recurring Cost (Rs.)/annum
Pollution Control		
Dust suppression by Water sprinkler	-	1,00,000 /-
Garland drain Settling tank 10m*02m*03m	1,00,000 /-	20,000/-
Pollution Monitoring	--	1,00,000/- (Air-50000/- 6 monthly except monsoon) (Water – 35000/- quarterly)(Soil&Noise-15000/-
Greenbelt & afforestation	03,48,000/-	1,00,000/-
Cost of PPE	80,000/-	50,000/-
Occupational Health	Fire fighting/DMP-- 50,000	Firefighting/DMP-- 50,000/-
Construction and maintenance of Pakka road to mine of length approx. 530 m and width 6m.	1,32,500 /-	78,000 /-
Development of grazing land	50,000 /-	20,000 /-
Total	7,60,500/-	5,18,000 /-

Budget for environmental protection of Quarry-C

Particulars	Capital Cost(Rs.)	Recurring Cost(Rs.)/annum
Pollution Control		
Dust suppression by Water sprinkler	-	1,00,000 /-
Garland drain Settling tank 10m*02m*03m	1,00,000 /-	20,000/-
Pollution Monitoring	--	1,00,000/- (Air-50000/- 6 monthly except monsoon) (Water – 35000/- quarterly) (Soil&Noise-15000/-
Greenbelt & afforestation	03,48,000/-	1,00,000/-
Cost of PPE	80,000/-	50,000/-
Occupational Health	Fire fighting/DMP-- 50,000	Firefighting/DMP-- 50,000/-

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Construction and maintenance of Pakka road to mine of length approx. 530 m and width 6m.	1,32,500 /-	78,000 /-
Development of grazing land	50,000 /-	20,000 /-
Total	7,60,500/-	5,18,000 /-

Budget for environmental protection of Cluster

Particulars	Capital Cost(Rs.)	Recurring Cost (Rs.)/annum
Pollution Control		
Dust suppression by Water sprinkler	-	1,00,000 /-
Garland drain Settling tank 10m*02m*03m	1,00,000 /-	20,000/-
Pollution Monitoring	--	1,00,000/- (Air-50000/- 6 monthly except monsoon) (Water – 35000/- quarterly) (Soil&Noise-- 15000/- 6monthly)
Greenbelt & afforestation	10,00,000/-	1,00,000/-
Cost of PPE	80,000/-	50,000/-
Occupational Health	Firefighting/DMP-- 50,000	Firefighting/DMP-- 50,000/-
Construction and maintenance of Pakka road to mine of length approx. 530 m and width 6m.	1,00,000 /-	78,000 /-
Development of grazing land	50,000 /-	20,000 /-
Total	13,80,000/-	5,18,000 /-

(xl) 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

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

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 29.11.2021 and the SEAC approved the EIA/EMP report in cluster approach and recommended the following:

- c) The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Sunathar Stone Quarry (A, B&C) in cluster without referring to SEAC with specific conditions as per **Annexure – A** after receipt of individual applications from the lessee in cluster along with following documents.
- i) Filled in form-I of individual lease
 - ii) Prefeasibility report of individual lease
 - iii) EMP of individual lease.
 - iv) Approved Mining Plan of individual lease.
 - v) Report on vibration study.

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- vi) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
- vii) An Undertaking by the lessee not to use wagon drilling blasting to be submitted. Accordingly, specific condition to be stipulated in EC of individual lease.
- viii) No storage and usage of blasting materials/explosives inside the lease area without license/permission/authorization from competent Authority as per Indian Explosives Rules, 1983 shall be ensured by the lessee. An undertaking to this effect shall be submitted by the lessee. Accordingly, specific condition to be stipulated in EC of individual lease.
- ix) An undertaking to obtain NOC from CGWA and permission from WR department, Govt. of Odisha, for use of groundwater. Accordingly, specific condition to be stipulated in EC of individual lease.
- x) The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.

Decision of Authority

After detailed deliberations, the Authority decided to **approved the cluster EIA and EMP in cluster approach**, the project proponent ask to apply the individual application form along with the required following documents.

- i) Filled in form-I of individual lease
- ii) Prefeasibility report of individual lease
- iii) EMP of individual lease with undertaking that budget provision for EMP will be expend within 3 years period.
- iv) Approved Mining Plan of individual lease.
- v) Report on vibration study.
- vi) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
- vii) An Undertaking by the lessee not to use wagon drilling blasting to be submitted. Accordingly, specific condition to be stipulated in EC of individual lease.
- viii) No storage and usage of blasting materials/explosives inside the lease area without license/permission/authorization from competent Authority as per Indian Explosives Rules, 1983 shall be ensured by the lessee. An undertaking to this effect shall be submitted by the lessee. Accordingly, specific conditions be stipulated in EC of individual lease.
- ix) An undertaking to obtain NOC from CGWA and permission from WR department, Govt. Of Odisha for use of ground water. Accordingly, specific condition to be stipulated in EC of individual lease.
- x) The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


Chairman, SEIAA

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AGENDA NO.105.07	
Proposal No.	SIA/OR/MIN/293891/2022
Date of application	10.11.2022
Project Type	Proposal for Amendment of EC
Category	B1
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Iron Ore production 2.160 Million TPA from Raikela & Tantra Iron Ore Mine area 49.372 ha at Village- Raikela & Tantra, Tehsil-Koira, Distict- Sundargarh, Odisha.
Name of the company/Organization	M/s. Penguin Trading and Agencies Ltd, Maa Parvati Enclave D-Block, 2 nd Floor Station Road, Dist-Keonjhar
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for amendment of EC of Iron Ore production 2.160 Million TPA from Raikela & Tantra Iron Ore Mine area 49.372 ha at Village- Raikela & Tantra, Tehsil-Koira, Distict- Sundargarh, Odisha.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC22B001OR172761 dated 17.03.2022 for Increase in production of Iron Ore from the existing production level of 1.080 million TPA to 2.160 Million TPA from Raikela & Tantra Iron Ore Mine at Village- Raikela & Tantra, Tehsil-Koira, Distict-Sundargarh, Odisha.
 - (iii) There is an EC conditions point no. 15 in page no. 08 that "the project proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 in downwind direction based on long term climatology data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollutant viz PM₁₀, PM_{2.5}, NO₂, CO and SO₂ etc. as per the methodology mentions in NAAQS Notification no. B 29016/20/90/PCI/I, dated 18.11.2009 covering the ambient air quality shall also be monitored at prominent places like office building, canteen etc., as per the site conditions to ascertain the exposure characteristics at specific places. The above data shall digitally display within 03 months in front of the main gate of the mine sites".
 - (iv) Now, the PP has requested for amendment of EC on the point that out 3 online air monitoring station only one online air monitoring station as there is conditions no. 22 of specific ToR recommended by CSIR-NEERI Carrying capacity study and it is mentioned that out of four stations, one should be online monitoring station in the mines having more than 3.00 MTPA EC capacity" whereas we have been granted EC for enhancement of production of Iron Ore upto 2.160 MTPA only.
 - (v) Any deficiencies/omission have been noticed in the above documents- Nil

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Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 29.11.2022 and the SEAC recommended the proposal for amendment of EC with mentioned that previously similar type of appeal was considered by the SEAC in case of Patabeda Iron Ore Mines of M/s. MGM Minerals Ltd. At village-Patabeda, Tahasil-Koira, Dist-Sundargarh in SEAC meeting held on 13.11.2020.

Decision of Authority:

After detailed deliberations, the Authority decided **to allow amendment of EC** on the point no.15 of the page no.08 in EC letter vide letter no. EC22B001OR172761 dated 17.03.2022 that the PP shall install one online Ambient Air Quality Monitoring Stations instead of 3(three) online air monitoring station for monitoring of ambient air quality. All other conditions in the EC letter remain same.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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AGENDA NO.105.08

Proposal No.	SIA/OR/MIN/277136/2022
Date of application	08.06.2022
File no.	SEIAA-1103/12-2020
Project Type	Proposal for Amendment of EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Tulasipur Sand Quarry over an area of 4.856 Ha under Marshaghai Tahasil of Kendrapara District Odisha
Name of the company/Organization	Sri Prafulla Kumar Das
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for amendment of EC of Tulasipur Sand Quarry over an area of 4.856 Ha under Marshaghai Tahasil of Kendrapara District Odisha.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 1112 dated 30.03.2021 for Tulasipur Sand Quarry over an area of 4.856 Ha under Marshaghai Tahasil of Kendrapara District Odisha.
 - (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 46012 cum with depth of sand deposition was 1.7 meter and proposed for annual extraction-45110 cum.
 - (iv) The SEIAA also granted EC for 1st year production 45110 cum with 1.7-meter depth of mining.
 - (v) There is an EC conditions point no. 9.1 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 15th May, 2022 if satisfactory replenishment study report is not submitted."
 - (vi) The PP submitted EC compliance with mentioned that 9969 cum sand was extracted for 1st year whereas EC permission for 45110 cum sand.
 - (vii) Now, the PP has requested for amendment of EC on the point that same production for 1st year for which EC approved and as per the replenishment study.
 - (viii) The replenishment study was done by the RQP Mr. Santosh Kumar Panda, RQP/OD/059/2016 and the RQP mentioned that only post monsoon survey was done and the mineral reserved is 39110 cum.
 - (ix) The proposal was placed in the SEIAA meeting earlier and after details deliberation authority decided that the SEAC may submit the site inspection report. Accordingly, a sub-committee of SEAC was visited the site on 11.11.2022 and observed the following points.
 - (x) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 30.11.2022 and the SEAC recommended the proposal for amendment of EC with recommended the following:



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- a) The replenishment points could not be assessed due to water in the river and in absence of demarcations at such points. The team explained that due to tide water remains for 5-6 hours in the day time so, the mining is possible only when the water is off the river
- b) The mining site was however, marked by wooden posts which was also confirmed by Add Tahasildar
- c) The Team explained the replenishment study undertaken by them as per report shown in four points. The anticipated depth of 1.7 meter and was found to be reduced to 1.4 meter after study. Hence, the revised mineable quantity of sand to be mined has been reduced from 45110 cum to 39110 cum. The sub-Committee informed to submit the above report signed by Addl. Tahasildar.
- d) The committee recommends to restrict the revised mineable quantity based on the replenishment study on receipt of the above report. Also, the replenishment study to be continued with demarcation, which could be monitored by the authority from time to time for further advise and action.
- e) They were advised to maintain the haulage road and continue plantations, as per the EC stipulation.

Considering the information furnished by site visit report, the SEAC recommended the following:

- (a). The EC has been approved for higher capacity i.e. 45110 cum/annum. Now, they have applied for amendment of EC after conducting replenishment study for less capacity that approved capacity i.e. 39110 cum/annum. The SEIAA, Odisha may decide whether such type of amendment in EC will be allowed as the quantity requested by the lessee is less than the approved capacity.

Decision of Authority:

After detailed deliberations, the Authority decided to **amend the Environmental Clearance** to this project with following stipulation.

- (i) Maximum depth of mining 1.4 meter and maximum quantity of extraction shall be limited to 39110 cum/annum.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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AGENDA NO.105.09	
Proposal No.	SIA/OR/MIN/293521/2022
Date of application	10.11.2022
File No.	SEIAA-1690/05-2021
Project Type	Amendment of EC
Category	B2
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Santoshpur Sand bed (River-Rushikulya) over an area of 12.0 Acre or 4.856 Ha. at village - Santoshpur, Tahsil- Sheragada, Dist.- Ganjam.
Name of the company/Organization	Sri Sarat Behera
Location of Project	Odisha

Proposal in brief :

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal Amendment of EC of Amendment of EC of Santoshpur Sand bed over an area of 12.0 Acre or 4.856 Ha. at village - Santoshpur, Tahsil- Sheragada, Dist.- Ganjam.
- (iii) Documents submitted: Application in Form-4, earlier EC copy, Tahasildar forwarding letter, KML file, Replenishment study report and EC compliance.
- (iv) The EC of of EC of Santoshpur Sand bed over an area of 12.0 Acre or 4.856 Ha. at village - Santoshpur, Tahsil- Sheragada, Dist.- Ganjam was in favour of Tahasildar, Morada, Chitrada vide SEIAA letter no. 2937/SEIAA dated 22.09.2021 with EC stipulation maximum production in 1st year-20,000 cum with 1.0 meter depth.
- (v) In the mining plan it is mentioned that Mineable reserve-72,494 cum, annual production-20,000 cum with depth 2.0 meter.
- (vi) There is an EC condition this EC is issued in adhoc manner with 1st year production-20,000 cum and the EC is liable to revoked if, satisfactory replenishment study is not submitted after 15th October, 2022. Now, the PP has submitted the replenishment study report that was recommended by SEAC.
- (vii) Present status of quarry-operated and submitted EC compliance
- (viii) Whether submitted KML file-Yes through Email
- (ix) The ARRS is submitted by the Rightsource Industrial Solutions Private Limited, Hyderabad a NABET consultant with mentioned that 43496.40 cum (area-36247 sqm × difference of pre-monsoon and post monsoon-1.20m) of sand replenished.
- (x) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – Yes

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Decision of Authority:

After detailed deliberations, the Authority decided to **amend the Environmental Clearance** to this project with following stipulation.

Maximum depth of mining 1.0 meter and maximum quantity of extraction shall be limited to 20000 cum/annum for a period of 4 years.

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APPROVED BY

Handwritten signature
7/1/23
Member Secretary, SEIAA

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7/1/23
Member, SEIAA

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7.1.2023
Chairman, SEIAA

**Minutes of 105th Meeting of SEIAA, Odisha Held On 03.01.2023, 04.01.2023,
05.01.2023 and 06.01.2023**



AGENDA NO.105.10

Proposal No.	SIA/OR/MIN/403335/2021
Date of application	03.11.2022
File No.	403335/830-MINB2/11-2022
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 Goganda-II Stone Quarry over an area of 4.00 Ac./1.618 Ha in village-Goganda, Tahasil-Rayagada, Dist-Rayagada
Name of the company/Organization	Sri Ramani Ranjan Pati S/o-Satybadi Pati New Colony, Po/Dist-Rayagada
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal for mining of stone from of Goganda-II Stone Quarry over an area of 4.00 Ac./1.618 Ha in village-Goganda, Tahasil-Rayagada, Dist-Rayagada.
- (iii) The mining area is a part of Survey of India Toposheet No. 65M/8(E44F8), bounded by Latitude: 19°11'41.77" N to 19°11'48.62" N and Longitude: 83°28'39.33" E to 83°28'41.94" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Goganda-II Stone Quarrysairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Rayagadato the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (v) Documents submitted: -Form-1, Form-2,D.L.C., PFR, EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (vi) Whether submitted KML file of the lease area-Yes
- (vii) Whether submitted scrutiny fee-Yes, of Rs. 1000/- vide E-Challan Ref. No. 3375A24F5E dated 16.10.2022.
- (viii) Distance from nearest sanctuary/ESZ- Karlapat WLS-60 km
- (ix) Whether the lease area coming in DLC report-No, the Tahasildar, Rayagada has submitted DLC certificated vide letter no. Nil dated 14.10.2022
- (x) Whether the lease area reflecting in DSR-Yes
- (xi) Method of mining-Semi-mechanized
- (xii) Distance from nearest road bridge-5.1 km, village road -1.1 km
- (xiii) Whether it is part of cluster –Yes, the total lease area under cluster is 4.855 Ha, B2-category project and submitted cluster EMP.
- (xiv) Whether EC obtained earlier-No
- (xv) Date of approval of mining plan- the Joint Director of Geology, Zonal Survey, Koraput on 30.09.2022.
- (xvi) Production capacity per annum-7038 cum/annum (max.), total production in 5 years period-35190 cum, Geological reserve-272830 cum and Mineable reserve-117644 cum.
- (xvii) As per mining plan the approved depth for mining-5.0 meter.



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- (xviii) 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**
- (xix) Any deficiencies/omission have been noticed in the above documents-**Nil**

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 30.11.2022 and the SEAC recommended for grant of Environmental Clearance.

Decision of Authority:

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

- (i) Maximum depth of mining 5.0 meter and maximum quantity of extraction shall be limited to 7038 cum in 1st year and 7038 cum in the 2nd year. Grant of EC for further period will be considered on submission approved DSR 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.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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AGENDA NO.105.11

Proposal No.	SIA/OR/MIN/403104/2022
Date of application	03.11.2022
File No.	403104/829-MINB2/11-2022
Project Type	New 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 Kuasiguda Stone Quarry-1 over an area of 9.11 Ac./3.690Ha in village- Kuasiguda, Tahasil-Kalimela, Dist-Malkangiri.
Name of the company/Organization	Tahasildar, Kalimela, Malkangiri
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal for mining of stone from of Kuasiguda Stone Quarry-1 over an area of 9.11 Ac./ Ha in village- Kuasiguda, Tahasil-Kalimela, Dist-Malkangiri.
- (iii) The mining area is a part of Survey of India Toposheet No.E44J12, bounded by Latitude: 18°03'37.99" N to 18°03'42.04" N and Longitude: 81°43'14.09" E to 81°43'26.63" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Kuasiguda Stone Quarry-1 sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Kalimela to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (v) Documents submitted: -Form-1, Form-2, D.L.C., PFR, EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (vi) Whether submitted KML file of the lease area-Yes
- (vii) Whether submitted scrutiny fee-No, as Tahasildar is the applicant
- (viii) Distance from nearest sanctuary/ESZ- Karlapat WLS-225 km
- (ix) Whether the lease area coming in DLC report-No, the Tahasildar, Kalimela has submitted DLC certificated vide letter no. Nil dated Nil
- (x) Whether the lease area reflecting in DSR-Yes
- (xi) Method of mining-Semi-mechanized
- (xii) Distance from nearest road bridge-1.3 km, village road -0.3 km
- (xiii) Whether it is part of cluster -Yes, the total lease area under cluster is 4.5 Ha, B2-category project and submitted cluster EMP.
- (xiv) Whether EC obtained earlier-Yes, an submitted EC compliance report but not mentioned production details
- (xv) Date of approval of mining plan- the Joint Director of Geology, Zonal Survey, Koraput on 16.07.2022.
- (xvi) Production capacity per annum-1257 cum/annum (max.), total production in 5 years period-6286 cum, Geological reserve-340617 cum and Mineable reserve-192416 cum.
- (xvii) As per mining plan the approved depth for mining-6.0 meter.
- (xviii) 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**





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- (xix) Any deficiencies/omission have been noticed in the above documents-In the DSR it is mentioned that Kuasiguda Stone Quarry-I is 0.81 Ha and Kuasiguda Stone Quarry-2 is 3.690 Ha and both are coming in single cluster and operated earlier, not submitted mining plan approval letter.

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 30.11.2022 and the SEAC recommended for grant of Environmental Clearance.

Decision of Authority:

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

- (i) Maximum depth of mining 6.0 meter and maximum quantity of extraction shall be limited to 1257 cum in 1st year and 1257 cum in the 2nd year. Grant of EC for further period will be considered on submission of approved DSR 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.
- (ii) In the DSR it is mentioned that Kuasiguda Stone Quarry-I is 0.81 Ha and Kuasiguda Stone Quarry-2 is 3.690 Ha but application applied for Kuasiguda Stone Quarry-I is mentioned 3.690 Ha, the Tahasildar may clarify the discrepancy.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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AGENDA NO.105.12

Proposal No.	SIA/OR/MIN/290960/2022
Date of application	03.11.2022
File No.	290960/828-MINB2/11-2022
Project Type	New 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 Girolpali Stone Quarry over an area of 9.32 Ac./3.77 Ha in village- Girolpali, Tahasil-Lakhanpur, Dist-Jharsuguda.
Name of the company/Organization	Tahasildar, Lakhanpur
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal for mining of stone from of Girolpali Stone Quarry over an area of 9.32 Ac./3.77 Ha in village- Girolpali, Tahasil-Lakhanpur, Dist-Jharsuguda.
- (iii) The mining area is a part of Survey of India Toposheet No.64O/9, bounded by Latitude: 21°48'26.03" N to 21°48'32.04" N and Longitude: 83°32'51.33" E to 83°33'11.46" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Girolpali Stone Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Lakhanpur to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (v) Documents submitted: -Form-1, Form-2, D.L.C., PFR, EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (vi) Whether submitted KML file of the lease area-Yes
- (xx) Whether submitted scrutiny fee- No as Tahasildar is the applicant
- (vii) Distance from nearest sanctuary/ESZ- Debrigarh WLS-11.0 km
- (viii) Whether the lease area coming in DLC report-No, the Tahasildar, Lakhanpur has submitted DLC certificated vide letter no. Nil dated 25.08.2022
- (ix) Whether the lease area reflecting in DSR-Yes
- (x) Method of mining-Semi-mechanized
- (xi) Distance from nearest road bridge-2.34 km, village road -20meter
- (xii) Whether it is part of cluster -No.
- (xiii) Whether EC obtained earlier-Yes but not submitted EC compliance
- (xiv) Date of approval of mining plan- the Joint Director of Geology, Sambalpur on 17.08.2022.
- (xv) Production capacity per annum-18524 cum/annum (max.), total production in 5 years period-92622 cum, Geological reserve-367681 cum and Mineable reserve-214527 cum.
- (xvi) As per mining plan the approved depth for mining-6.0 meter.
- (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) Any deficiencies/omission have been noticed in the above documents-Village road is located only 20 meter from the proposed quarry, Not submitted earlier EC compliance.



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Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 30.11.2022 and the SEAC recommended for grant of Environmental Clearance.

Decision of Authority:

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

- (i) Maximum depth of mining 6.0 meter and maximum quantity of extraction shall be limited to 18524 cum in 1st year and 18524 cum in the 2nd year. Grant of EC for further period will be considered on submission of approved DSR 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.
- (ii) 200-meter safety zone from boundary of proposed lease area to village road should be maintain and accordingly, modify the mining plan and submit the revised mining plan to SEIAA, Odisha before applying for CTO.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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AGENDA NO.105.13

Proposal No.	SIA/OR/MIN/404468/2022
Date of application	28.10.2022
File No.	404468/821-MINB2/11-2022
Project Type	New 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 Chilgaon Sand Bed over an area of 6.00 acres or 2.248 hectares in the village Chilgaon under Tahasil Golamunda, District Kalahandi, State Odisha.
Name of the company/Organization	Public Works Department Tahasildar, Golamunda
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal for mining of sand from of Chilgaon Sand Bed over an area of 6.00 acres or 2.248 hectares in the village Chilgaon under Tahasil Golamunda, District Kalahandi, State Odisha.
- (iii) The mining area is a part of Survey of India Toposheet No. F44E13 (65I/13), bounded by Latitude: 19°55'36.94" N to 19°55'40.498" N and Longitude: 82°55'05.288" E to 82°55'12.872" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Chilgaon Sand Bed sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Golamundato the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (v) Documents submitted: -Form-1, Form-2, PFR, EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (vi) Whether submitted KML file of the lease area-Yes
- (xxi) Whether submitted scrutiny fee- No
- (vii) Distance from nearest sanctuary/ESZ- Karlapat WLS-30.0 km
- (viii) Whether the lease area coming in DLC report-N/A
- (ix) Whether the lease area reflecting in DSR-Yes
- (x) Method of mining-Manual
- (xi) River-Tel, Depth of Sand Deposition-2.0 meter
- (xii) Distance from nearest road bridge-1.40 km, village road -0.90 km
- (xiii) Whether it is part of cluster -No.
- (xiv) Whether EC obtained earlier-Yes but not submitted earlier EC compliance
- (xv) Date of approval of mining plan- the Joint Director of Geology, Zonal Survey, Balangir on 10.08.2022.
- (xvi) Production capacity per annum-6000 cum/annum (max.), total production in 5 years period-30000 cum, Geological reserve-48562 cum and Mineable reserve-39284 cum.
- (xvii) As per mining plan the approved depth for mining-2.0 meter.
- (xviii) 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

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Enforcement & Monitoring Guideline for sand mining-2020- No
(xix) Any deficiencies/omission have been noticed in the above documents-Not submitted earlier EC compliance.

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 30.11.2022 and the SEAC recommended for grant of Environmental Clearance.

Decision of Authority:

After detailed deliberations, the Authority decided to seek clarification from the project proponent on the following points.

- (i) The google earth map shows that mechanical mining has been carried out earlier, whereas the present mining proposal is approved for manual mining. This need to be clarified especially, in the light of 6000cum/ annum sand proposed to be extracted manually.
- (ii) The project proponent to submit the compliance of earlier EC conditions.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.105.14

Proposal No.	SIA/OR/MIN/403052/2022
Date of application	14.10.2022
File No.	404468/821-MINB2/11-2022
Project Type	New 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 Kantamal Sand Bed over an area of 10.00 acres or 4.406 hectares in the village Kantamal under Tahasil Golamunda, District Kalahandi, State Odisha.
Name of the company/Organization	Sri Bishnu Mohan Sahu Plot No. 877, Khata No. 268/104, Kuhura, Kantamal, Dist-Kalahandi
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal for mining of sand from of Kantamal Sand Bed over an area of 10.00 acres or 4.406 hectares in the village Kantamal under Tahasil Golamunda, District Kalahandi, State Odisha.
- (iii) The mining area is a part of Survey of India Toposheet No. F44W16 (64L/16), bounded by Latitude: 20°08'37.56" N to 20°08'47.72" N and Longitude: 82°55'40.07" E to 82°56'01.78" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Kantamal Sand Bed sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Golamunda to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (v) Documents submitted: -Form-1, Form-2, PFR, EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (vi) Whether submitted KML file of the lease area-Yes
- (xxii) Whether submitted scrutiny fee- Yes, of Rs. 2000/- vide E-Challan Ref. No. 3375826C87 dt. 14.10.2022
- (vii) Distance from nearest sanctuary/ESZ- Karlapat WLS-53.0 km
- (viii) Whether the lease area coming in DLC report-N/A
- (ix) Whether the lease area reflecting in DSR-Yes
- (x) Method of mining-Manual
- (xi) River-Udanti, Depth of Sand Deposition-1.0 meter
- (xii) Distance from nearest road bridge-3.7 km, village road -1.0 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, Zonal Survey, Balangir on 10.08.2022.
- (xvi) Production capacity per annum-5000 cum/annum (max.), total production in 5 years period-25000 cum, Geological reserve-40468 cum and Mineable reserve-33515 cum.
- (xvii) As per mining plan the approved depth for mining-2.0 meter.



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

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 30.11.2022 and the SEAC recommended for grant of Environmental Clearance.

Decision of Authority:

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

- (i) Maximum depth of mining 0.8 meter and maximum quantity of extraction shall be limited to 5000 cum in 1st year and 1250 cum in the 2nd year. Grant of EC for further period will be considered on submission of rate of replenishment study report by December 2024 through ORSAC empanelled agency and also after submission of approved DSR 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.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.105.15

Proposal No.	SIA/OR/MIN/274878/2022
Date of application	28.10.2022
File No.	274878/1203-MINB2/10-2022
Project Type	New 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 Mariwada Stone Quarry over an area 4.94acres or 2.00hectares in Mariwada village of Malkangiri tahasil in Malkangiri district Odisha
Name of the company/Organization	Sri Lalit Kumar Somani At/Po-Chidanada Street, Tahasil-Malkangiri, Dist-Malkangiri
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal for mining of stone from of Mariwada Stone Quarry over an area 4.94acres or 2.00hectares in Mariwada village of Malkangiri tahasil in Malkangiri district Odisha.
- (iii) The mining area is a part of Survey of India Toposheet No.E44J15, bounded by Latitude: 18°13'26.68" N to 18°13'26.68" N and Longitude: 81°54'16.68" E to 81°54'22.95" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Mariwada Stone Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Malkangiri to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (v) Documents submitted: -Form-1, Form-2, D.L.C., PFR, EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (vi) Whether submitted KML file of the lease area-Yes
- (xxiii) Whether submitted scrutiny fee- Yes, of Rs. 1000/- vide E-Challan Ref. No. 333FA6BA43 dated 11.01.2022
- (vii) Distance from nearest sanctuary/ESZ- Kanger Valley WLS-78.0 km
- (viii) Whether the lease area coming in DLC report-No, the Tahasildar, Malkangiri has submitted DLC certificated vide letter no. Nil dated Nil
- (ix) Whether the lease area reflecting in DSR-Yes
- (x) Method of mining-Semi-mechanized
- (xi) Distance from nearest road bridge-3.0 km, village road -0.25 km
- (xii) Whether it is part of cluster -No.
- (xiii) Whether EC obtained earlier-Yes and submitted EC compliance
- (xiv) Date of approval of mining plan- the Joint Director of Geology, Koraput on 20.07.2021.
- (xv) Production capacity per annum-906.3 cum/annum (max.), total production in 5 years period-4532.5 cum, Geological reserve-193914 cum and Mineable reserve-85058 cum.
- (xvi) As per mining plan the approved depth for mining-6.0 meter.
- (xvii) Whether the DSR has been prepared as per the MoEF& CC, Govt. of India Notification

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**Minutes of 105th Meeting of SEIAA, Odisha Held On 03.01.2023, 04.01.2023,
05.01.2023 and 06.01.2023**

S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020- No

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

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 30.11.2022 and the SEAC recommended for grant of Environmental Clearance.

Decision of Authority:


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

- (i) Maximum depth of mining 6.0 meter and maximum quantity of extraction shall be limited to 906.3 cum in 1st year and 906.3 cum in the 2nd year. Grant of EC for further period will be considered on submission of approved DSR 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.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

**Minutes of 105th Meeting of SEIAA, Odisha Held On 03.01.2023, 04.01.2023,
05.01.2023 and 06.01.2023**

AGENDA NO.105.16

Proposal No.	SIA/OR/MIN/272036/2022
Date of application	26.10.2022
File No.	272036/1202-MINB2/10-2022
Project Type	New Proposal for EC
Category	B2
Project/Activity including Schedule No.	I(a) Mining of Minerals
Name of the Project	Proposal for grant of EC for Sunarijore B Stone Quarry over an area of 2.00 Acres or 0.809 Hects. in village Sunarijore under Deogaon Tahasil in Balangir District.
Name of the company/Organization	Tahasildar, Deogaon
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal for mining of stone from of Sunarijore B Stone Quarry over an area of 2.00 Acres or 0.809 Hects. in village Sunarijore under Deogaon Tahasil in Balangir District.
- (iii) The mining area is a part of Survey of India Toposheet No.64P/6, bounded by Latitude: 20°41'20.12" N to 20°41'23.03" N and Longitude: 83°17'28.66" E to 83°17'35.59" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Sunarijore B Stone Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Deogaon to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (v) Documents submitted: -Form-1, Form-2, D.L.C., PFR, EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (vi) Whether submitted KML file of the lease area-Yes
- (xxiv) Whether submitted scrutiny fee- No
- (vii) Distance from nearest sanctuary/ESZ- Sunabeda WLS-87.0 km
- (viii) Whether the lease area coming in DLC report-No, the Tahasildar, Deogaon has submitted DLC certificated vide letter no. Nil dated 26.04.2022
- (ix) Whether the lease area reflecting in DSR-Yes
- (x) Method of mining-Semi-mechanized
- (xi) Distance from nearest road bridge-2.2 km, village road -1.2 km
- (xii) Whether it is part of cluster –Yes, two quarries (Sunarijore-A & B) with total lease area 4.046 Ha , B2-category and submitted cluster EMP.
- (xiii) Whether EC obtained earlier-Yes and submitted EC compliance
- (xiv) Date of approval of mining plan- the Joint Director of Geology, Zonal Survey, Balangir on 17.03.2020.
- (xv) Production capacity per annum-491 cum/annum (max.), total production in 5 years period-2116 cum, Geological reserve-35557 cum and Mineable reserve-15932 cum.
- (xvi) As per mining plan the approved depth for mining-6.0 meter.
- (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

(Signature)



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05.01.2023 and 06.01.2023**

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

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 30.11.2022 and the SEAC recommended for grant of Environmental Clearance.

Decision of Authority:

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

- (i) Maximum depth of mining 6.0 meter and maximum quantity of extraction shall be limited to 491 cum in 1st year and 491 cum in the 2nd year. Grant of EC for further period will be considered on submission of approved DSR 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.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA