

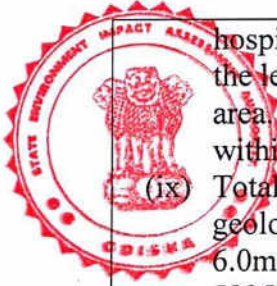


AGENDA NO.102.8	
Proposal No.	SIA/OR/MIN/60636/2021
Date of Application	13.05.2022
File No.	60636/750-MINB1/05-2022
Project Type	Fresh EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for EC for Sundarpur Stone Quarry Over an area of 12.500Acres or 5.058 Ha bearing Khata No. 1469, Plot No. 10609/A, in Village- Sundarpur, Tahasil- Chhatrapur, District- Ganjam
Name of the company/Organization	Tahasildar, Chhatrapur
Location of Project	Odisha
ToR Date	03.04.2021
Name of the Consultant	M/s Green Circle INC., Vadodara(Gujarat)

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 Sundarpur Stone Quarry over an extent of 12.500 Acres or 5.058 Ha bearing Khata No.1469, Plot No.10609/A, located in village: Sundarpur, Tahasil: Chhatrapur, District: Ganjam.
- (ii) The mining lease is an identified stone quarry in the DSR. The Sundarpur stone quarry will be leased out under the OMMC Rules,2016 by Tahasildar, Chhatrapur 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.
- (iii) The Mining Plan of the Mining Project has been approved by Deputy Director of Geology, O/o Joint Director Geology, South Zone, Berhampur, Odisha on dated 17.12.2020.
- (iv) The cluster certificate has been furnished by the Tahasildar certifying that there is no other mine located within 500 meters from the periphery of the proposed mine lease area. As reported by the Tahasildar, this sairat source is not a part of any cluster.
- (v) The Terms of Reference (ToR) has been granted by SEIAA, Odisha vide letter No. 874/SEIAA dated 09.03.2021 for undertaking detailed EIA study for the project.
- (vi) The baseline data has been collected from December'2020 to Febuary'2021 (winter season) for the project.
- (vii) The public hearing has been conducted 09.03.2022 at 11 A.M. over Plot No. 10520, Khata No. 400, Mouza- Sundarpur which is adjacent to Sundereswari Temple. Public Hearing issues raised were on plantation for protection of environment, water sprinkling in transportation roads for dust suppression, issues of soil erosion due to mining, dust pollution due to blasting, local employment, traffic congestion due to transportation, generation of fly rocks due to blasting, damage of houses due to blasting. As per the public hearing proceedings & statements of people delivered ,there is no objection for mining of the stone quarry in the area.
- (viii) Location and Connectivity - The mining area is a part of Survey of India Toposheet No. 65J/14, bounded by Latitude: 19° 23' 32.8" N To 19° 23' 43.1" N, Longitude: 84° 54' 29.2" E To 84° 54' 35.9" E. The lease area is located distance of 11.4 km from Tahasil Chatrapur. Village Sundarpur is at a distance of 3km from to the mining area. District Ganjam is at a distance of 40.8km. Chatrapur is the nearest place from the lease area for all infrastructure facilities like



hospital, school, bus service, market. The Chatrapur Railway Station is at a distance 9.7 kms from the lease area. NH-16 is at a distance of 12.4 km and SH-36 is at a distance of 34m from the lease area. There is no national park, wild life sanctuary, eco sensitive areas and industrial area situated within 10Kms radius of the lease area.

- (ix) Total Reserves and Production Details: – The project proponent has submitted that the total geological reserve of construction stone has been estimated as 792582 cum with maximum depth 6.0m from surface. Similarly, the mineable reserve of construction stone has been estimated to be 593525 cum with maximum depth of 6.0m from surface. The project proponent has proposed a total production of 50000 cum of stone from this quarry during the valid lease period of 5 years, with a maximum production capacity of 10000 cum per annum (1st year, 2nd year, 3rd year, 4th year & 5th year each-10000cum). Mining will be done by semi-mechanized method with blasting. The mining operation will be done deployment of machines like jackhammer, drill compressor, rock breaker, excavator and tractor/trucks.
- (x) Water Requirement: – The total water requirement will be 5.0 KLD for different purposes like Domestic, Dust suppression, plantation purposes. Source: water tankers.
- (xi) Power Requirement: - Solar lights will be employed for day to day living purposes. Diesel requirement will be 100 litre/day.
- (xii) Green Belt Development: Plantation will be raised along both sides of the roads, available vacant spaces and in the lease area. It is proposed for planting 300 nos. of saplings by the lessee in the lease boundary and village approach roads which is to be undertaken in consultation with the concerned authority.
- (xiii) Employment Potential - A total of 15 workers (Skilled, Semi-skilled and Un-skilled- 12nos & Mines Manager/Mine Permit Manager-3nos) will be employed during mining operation.
- (xiv) The project cost is estimated to be Rs. 10.0 lakhs and there is a budgetary provision of Rs.80,000.00 as capital cost and Rs.50,000.00 as recurring cost towards environmental protection measures. The PP will allocated budget towards compliance of public hearing issues.
- (xv) Whether the DSR has been prepared as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020- **No**
- (xvi) The Environment consultant M/s Green Circle INC., Vadodara along with the project proponent has made a detailed presentation on the EIA/EMP report on 15.07.2022.
- (xvii) Any deficiencies/omission have been noticed in the above documents-Action plan & budget allocation for compliance of public hearing issues not submitted.

Whether SEAC recommended the proposal – Yes, SEAC have already recommended for grant of Environmental Clearance for the project in its meeting dated 02.11.2022 with stipulated conditions.


- 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 ~~defer~~ **the proposal** and ask the PP/Tahasildar to submit the following:

- The Tahasildar may be requested to submit the site inspection report to SEIAA for any violation done in past (last 5 years) for the project.
- The PP shall submit action plan & budget provision for compliance of public hearing issues.
- The KML file of the project site shall be e-mailed(seiaaodisha@gmail.com) & also uploaded.


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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AGENDA NO.102.9

Proposal No.	SIA/OR/MIN/61829/2021
Date of Application	04.07.2022
File No.	61829/250-MINB1/07-2022
Project Type	Fresh EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for EC for Nizgarhzami Sand Quarry Over an area of 24.86Acres or 10.06Ha in Village- Village - Nizgarhzami, Tehsil- Talcher, District- Angul
Name of the company/Organization	Sri Pitambar Bhutia
Location of Project	Odisha
ToR Date	24.05.2021
Name of the Consultant	M/s P & M Solutions, Noida (U.P)

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 river sand of Nizgarhzami Sand Quarry (Brahmani River bed), over an area of 10.06 Ha. or 24.86 Acre located at Village - Nizgarhzami, Tehsil- Talcher, District- Angul of Sri Pitambar Bhutia.
- (ii) The mining lease is an identified sairat source in the DSR. The Nizgarhzami Sand Quarry (Brahmani River bed), sairat source will be leased out under the OMMC Rules,2016 by Tahasildar, Talcher Sadar 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.
- (iii) The mining plan for the sand mining project has been approved by Joint Director of Geology Zonal Survey, Dhenkanal vide letter No. 666 on 01.06.2020.
- (iv) The cluster certificate has been furnished by the Tahasildar certifying that there is no other mine located within 500 meters from the periphery of the proposed mine lease area. As reported by the Tahasildar, this sairat source is not a part of any cluster.
- (v) The Terms of Reference (ToR) has been granted by SEIAA, Odisha vide letter no. 1341/SEIAA dated 24.05.2021 for undertaking detailed EIA study for the project.
- (vi) The public hearing has been conducted on 24.11.2021 at 10 A.M. at Tahasil Office, Talcher under Angul district, Odisha. Major issues raised during PH were on Employment opportunity to local villagers, sand at low cost to the villagers for construction of their house, Plantation in village and Water sprinkling for dust suppression.
- (vii) The baseline data has been collected from Dec, 2020 to Feb, 2021 (post Monsoon) for the project.
- (viii) Location and Connectivity - The mining area is a part of Survey of India Toposheet No.73H/1, bounded by Latitude: 20° 55' 20.56" N to 20° 55' 35.14" N & Longitude – 85° 14' 19.86" E to 85° 14' 31.77" E. The quarry area is accessible by all weather & well-connected by road and rail. The lease area is located at a distance of 3.2kms from Talcher town, 21kms from the District Headquarters Angul and 130kms from the State Capital Bhubaneswar. Talcher Railway station is the nearest railway station located at a distance of 4.13kms from the lease area. Nearest Road bridge is at a distance of 1kms from the mining lease. Metal road connecting to the lease area with the village – Nizgarhzami is at distance of 0.32 meters. SH – 63 is the nearest State Highway which is at distance of 17.7km. NH 200 is the nearest National Highway at 1 km and NH 23 which is major district road at a distance of 2.5kms. The project proponent has submitted that there is no



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national park, wild life sanctuary, eco sensitive areas situated within 10Kms radius of the lease area.

- (ix) Total Reserves and Production Details: – The project proponent has submitted that the total geological reserve has been estimated as 103069 cum considering the thickness of the sand is 1.0m for the QL period. Similarly, the extractable mineable reserve of river bed sand has been estimated to be 46488 cum (excluding safety zone) considering the thickness of the sand is 1.0m. The project proponent has proposed a total production of 90000 cum of sand considering the thickness of the sand is 1.0m from this quarry during the valid lease period of 5 years, with a maximum production 18000 cum per annum. Mining will be done by semi mechanized method. Excavation & loading of sand will be done through dumpers and trucks/tractors.
- (x) Replenishment study: - The replenishment study has been carried out during May, 2021 (pre monsoon) and November, 2021 (post monsoon) by volumetric method. Estimated annual replenishment volume is 20120 cum. However, the extractable Mineable Reserve as per approved Mining Plan is 90636 cum. The annual proposed production is 18000 cum.
- (xi) Water Requirement: – The total water requirement will be 7.0 KLD for different purposes like Domestic, Dust suppression, plantation purposes. Source: Nearby village with the help of tankers.
- (xii) Power Requirement: - No use of electric power as the operation will be done in the day time.
- (xiii) Green Belt Development: Greenbelt plantation will be done by planting 940 nos. saplings of suitable species by the lessee in vicinity of the river bank, haulage roads and near village.
- (xiv) Employment Potential - A total of 30 nos. of workers are to be employed during mining operation.
- (xv) The project cost is estimated to be Rs.60.00 lakhs and there is a budgetary provision of Rs.4.67 lakhs as capital cost and Rs.4.20 Lakhs as recurring cost towards environmental protection measures. The PP has estimated a budget of Rs.1.20 lakhs on CER.
- (xvi) Whether the DSR has been prepared as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020- **No**
- (xvii) Whether the replenishment rate study of sand was done as per the Enforcement & Monitoring Guideline for sand mining-2020-**No**
- (xviii) The Environment consultant M/s P & M Solutions, Noida (U.P) along with the project proponent has made a detailed presentation on the EIA/EMP report on 05.08.2022.
- (xix) Any deficiencies/omission have been noticed in the above documents- The ARSS is not as per the guidelines of Ministry.

Whether SEAC recommended the proposal – Yes, SEAC have already recommended for grant of Environmental Clearance for the project in its meeting dated 05.11.2022 with stipulated conditions.

1. Revised mining plan shall be prepared based on essential physical criteria as per Enforcement and Monitoring Guidelines for Sand Mining, January 2020 of MoEF&CC, Govt. of India.
2. Regular replenishment study to be conducted and report to be submitted.
3. Provision of Bio-toilet shall be made at the site.
4. Avenue plantation and plantation on both sides of the haulage road in consultation with/ on the advice of concerned Forest Department, Government of Odisha & W.R. Department Government of Odisha as well.
5. Stone patching with plantation in between along the stretch of the bank associated with sand mining and necessary ramp construction shall be made.
6. NOC from Irrigation Deptt., Govt. of Odisha shall be obtained that proposed mining will not affect the barrage proposed/under construction adversely. Mining activity shall be commenced after obtaining NoC from Irrigation Deptt., Govt. of Odisha

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Decision of Authority:

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

- Maximum depth of mining 1.0 meter and maximum quantity of sand extraction shall be limited to 18000 cum in 1st year and 4500 cum in the 2nd year. Grant of EC for further period will be considered after submission of rate of replenishment study report by December 2024.
- The Project Proponent (lease holder) shall deposit Rs.4,50,000/-, with the respective District Environment Society for raising 1000 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


Chairman, SEIAA
12.12.2022



AGENDA NO.102.10	
Proposal No.	SIA/OR/MIN/63827/2021
Date of Application	11.07.2022
File No.	63827/257-MINB1/07-2022
Project Type	Fresh EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for EC for Dwaragam Stone Quarry over an area of 31.808Acres or 12.8721 ha village- Dwaragam, Tahasil – Digapahandi, District- Ganjam
Name of the company/Organization	Smt. Laxmi Sethi W/o- Sri Biswanath Sethi AT & P.O. Adapada, Via-Kankorada, District-Ganjam, Odisha
Location of Project	Odisha
ToR Date	26.07.2021
Name of the Consultant	M/s Atmos Sustainable Solutions, Noida (U.P)

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 road metal from of Dwaragam Stone Quarry over an area of 31.808Acres or 12.8721 Ha bearing Khata No.317, Plot No.382 located in Village- Dwaragam, Tahasil – Digapahandi, District- Ganjam.
- (ii) The mining lease is an identified sairat source in the DSR. The Dwaragam Stone Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Digapahandi 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.
- (iii) The modified mining plan of the mining project prepared for the stone quarry has been approved by Deputy Director of Geology, O/o Joint Director of Geology, (SZ) Berhampur on 17.05.2021.
- (iv) The cluster certificate has been furnished by the Tahasildar certifying that there is no other mine located within 500 meters from the periphery of the proposed mine lease area. As reported by the Tahasildar, this stone quarry is not a part of any cluster.
- (v) The Terms of Reference (ToR) has been granted by SEIAA, Odisha vide letter no. 1809/SEIAA dated 26.07.2021 for undertaking detailed EIA study for the project.
- (vi) The public hearing has been conducted on 26.04.2022 at 11.00 AM over Plot No.382, Khata No.317 of Dwaragam village under Digapahandi Tahasil of Ganjam District. The major issues raised during public hearing were on plantation to be undertaken along the lease boundary, water sprinkling will be carried out in transportation roads for dust suppression, local villagers will be employed in mining work with priority basis, Blasting will be carried out as per approved method



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- to minimize its impact, local villagers will be intimated in advanced before blasting and in case of any damage due to they will stop operation of the quarry, deployment of local vehicles, etc.
- (vii) The baseline data has been collected from March'2021 to May'2021 (Pre monsoon) for the project.
- (viii) Location and Connectivity - The mining area is a part of Survey of India Toposheet No. E45A7 E45A11, bounded by Latitude: 19° 20' 19.9" N to 19° 20' 32.7" N and Longitude: 84° 31' 18.0" E to 84° 31' 40.4" E. The Mine Lease area is approx. 55 kms of aerial distance from the district headquarters Ganjam. Bhubaneswar Airport, is approx. 169 km in NE direction. Berhampur Railway Station, approx. 29.40 km in SE direction from the proposed lease area. The ML area is well connected with the nearest High way, SH-29 at a distance of about 3.6km in East direction. The project proponent has submitted that there is no national park, wild life sanctuary, eco sensitive areas situated within 10Kms radius of the lease area.
- (ix) Total Reserves and Production Details: – The project proponent has submitted that the total geological reserve of construction stone has been estimated as 1659344 cum with maximum depth of 5m for the QL period. Similarly, the mineable reserve of construction stone has been estimated to be 1261296 cum with maximum depth of 5m. The project proponent has proposed a total production of 25000 cum of stone with maximum depth of 5m from this quarry during the valid lease period of 5 years, with a maximum production 5000 cum per annum (1st year, 2nd year, 3rd year, 4th year & 5th year-5000cum/year). Mining will be carried out by opencast semi-mechanized method with adoption of drilling & blasting. Handling of rock mass will be done both manually & by excavators. Handpicks, spade, chisel, hammer will be used by manual labourers for sorting & sizing. Loosening of rock mass will done by drilling & blasting. The excavated rock mass will be loaded in to 20 t capacity of trippers or truck by excavator.
- (x) Water Requirement: – The total water requirement will be 5.4 KLD for different purposes like Domestic, Dust suppression, plantation purposes. Source: Nearby village with the help of tankers.
- (xi) Power Requirement: - No use of electric power as the operation will be done in the day time. DG set will be used as source of power.
- (xii) Green Belt Development: Greenbelt plantation will be done by planting 1320 nos. saplings of suitable species by the lessee in the safety zone area, along roads side and near village.
- (xiii) Employment Potential - A total of 23 nos. of workers are to be employed during mining operation.
- (xiv) The project cost is estimated to be Rs.50.0 lakhs and there is a budgetary provision of Rs.11.6 lakhs as capital cost and Rs.4.9 Lakhs as recurring cost towards environmental protection measures. The project proponent has proposed to spend about Rs.1.00 Lakhs on CER.
- (xv) Whether the DSR has been prepared as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020- **No**
- (xvi) The Environment consultant M/s Atmos Sustainable Solutions, Noida (U.P) along with the project proponent has made a detailed presentation on the EIA/EMP report on 05.08.2022.
- (xvii) Any deficiencies/omission have been noticed in the above documents- Nil.

Whether SEAC recommended the proposal – Yes, SEAC have already recommended for grant of Environmental Clearance for the project in its meeting dated 02.11.2022 with stipulated conditions.

- 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 grant **Environmental Clearance** to this project with usual stipulated conditions applicable for stone quarry.

- Maximum depth of mining 6.0 meter and maximum quantity of stone extraction shall be 5000 cum in 1st year and 5000 cum in the 2nd year. Grant of EC for further period will be considered after submission of DSR.
- The Project Proponent (lease holder) shall deposit Rs.5,40,000/-, with the respective District Environment Society for raising 1200 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.102.11	
Proposal No.	SIA/OR/MIN/64155/2021
Date of application	19.07.2022
File No.	64155/269-MINB1/07-2022
Project Type	Fresh EC
Category	B2(Individual Lease area),B1(Cluster Lease area)
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal of EC of Basupali Stone Quarry -2 Over an area of 5.00Acres or 2.023 Ha. Having Khata No. 14 Plot No.79, in Village-Basupali,Tahasil- Balangir,District-Balangir submitted Under Cluster approach having total cluster area- 9.67 Ha, consisting of 5 individual mines)
Name of the company/Organization	Tahasildar, Balangir
Location of Project	Odisha
Name of the NABET Consultancy	M/s. Green Circle INC, Vadodara

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 Basupali Stone Quarry Cluster consisting of 5 Nos. of Quarries in cluster i.e Basupali Stone Quarry-1,2,3,4,5 located in village-Basupali,Tahasil-Balangir, District-Balangir. The total area under cluster is 23.90 Acres or 9.67Ha and the EC application status of mines are as follows.
Status of Quarries- Quarry No-1,2,3,4,5- Applied for EC
- (ii) The present proposal is for EC of Basupali Stone Quarry - 2 over an area of 5.00 Acres or 2.023ha submitted under cluster approach bearing Khata No-14 Plot No -79 and is located in Village-Basupali, tahasil-Balangir, District-Balangir of Tahasildar,Balangir.
- (iii) The mining area is a part of Survey of India Toposheet No. F44X6 bounded by Latitude: 20°37'25.2" N to 20°37'33.0" N, and Longitude 83°26'50.1" E to 83°27'01.02" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Basupali Stone Quarry-2 sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Balangir 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 5Nos. of mines located within 500 meters and forms a single cluster of 23.90Acres or 9.67Ha. 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.
- (vi) Location and Connectivity: The Basupali stone quarry cluster is located at Village-Basupali, Tahasil-Balangir, District - Balangir, Odisha. The geo coordinates of the cluster are Latitude: 20°37'23.5" N to 20°37'35.5" N, and Longitude: 83° 26'48.3" E to E83° 27'03.4" E. The area falls in Survey of India Topo sheet No. F44X6. The lease area is located at a distance of 10 km from Tahasil Bolangir. Village Basupali is at a distance of 1.2 km from the mining area. District Bolangir is at a di stance of 10 km. Bolangir is the nearest place from the lease area for all infrastructure facilities like hospital, school, bus service, market. The east coast railway line is at a distance 0.6 kms from the lease area. NH-201 is at a distance of 1.7 km and SH-42 is at a distance of 9.5 km from the lease area. The project proponent has submitted that there is no national park, wild life sanctuary, eco sensitive areas,etc situated within 10 Kms radius of the lease area.
- (vii) The Terms of Reference (TOR) was granted by SEIAA vide letter no 1805/SEIAA, dated 26.07.2021 for Basupali Stone Quarry Cluster for undertaking detailed EIA studies.



- (viii) The baseline data has been collected from March'2021 to May'2021 (Summer season) for the cluster project.
- (ix) The public hearing was conducted on 04.03.2022 at 11.00A.M at Basupali School, Balangir district. The major issues raised during public hearing were on suppression of dust pollution by water sprinkling arrangement, air pollution, dust suppression measures, plantation, etc.
- (x) The project proponent along with the consultant M/s Green Circle INC, Vadodara made a detailed presentation on the cluster proposal on 16.08.2022.
- (xi) The project proponent has submitted Additional documents/information to SEAC on the project on 11.10.2022.
- (xii) The SEAC have appraised the proposal for approval of EIA/EMP in its meeting dated 02.11.2022 and the SEAC approved the EIA/EMP report in cluster approach and have recommended the following:
The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Basupali Stone Quarry (1,2,3,4,5) in cluster without referring to SEAC with specific conditions as per Annexure after receipt of individual applications from the lessee in cluster along with following documents.
- Filled in form-I of individual lease
 - Prefeasibility report of individual lease
 - EMP of individual lease.
 - Approved Mining Plan of individual lease
 - DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
 - 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.
 - 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.
 - 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.
 - 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.
- (xiii) The project proponent has already submitted the individual Form-1, PFR,EMP, Approved mining plan, DLC certificate from Tahasildar, checklist along with the cluster EIA/EMP report.
- (xiv) Whether submitted KML file of the lease area-Yes
- (xv) Whether submitted scrutiny fee- NA
- (xvi) Distance from nearest sanctuary/ESZ- Karlapat WLS-114 Km
- (xvii) Whether the lease area coming in DLC report-No, It has been clarified by Tahasildar on 04.06.2021.
- (xviii) Method of mining-Semi-Mechanized with blasting
- (xix) Distance from nearest road bridge-5.0 km, village road-1.5 km
- (xx) Earlier EC Granted- Yes, EC compliance report submitted
- (xxi) Competent Authority & Date of approval of mining plan of basupali stone quarry cluster- Joint Director of Geology, Zonal Survey, Balangir on 16.04.2021. For Quarry-2-26.05.2022
- (xxii) Production capacity per annum from cluster-22476cum/annum (max. avg.rate), total production in 5 years period-112166 cum, Geological reserve-1607944.5 cum and Mineable reserve- 783593.1 cum.
- (xxiii) Production capacity per annum from quarry-2-5000cum/annum (max.),1st year-5000cum,2nd year-5000cum,total production in 5 years period-25000 cum, Geological reserve-285498 cum and Mineable reserve- 123120 cum
- (xxiv) Water Requirement: – The total water requirement for the cluster will be 10.0 KLD for different purposes like Domestic, Dust suppression, plantation purposes. Source: Nearby village with the help of tankers.
- (xxv) Power Requirement: - No use of electric power as the operation will be done in the day time. DG set will be used as source of power.
- (xxvi) Employment Potential - A total of 50 nos. of workers are to be employed during mining operation in the cluster. For this quarry 14nos. of manpower will be employed.
- (xxvii) Green Belt Development: Greenbelt plantation will be done by planting 1320 nos. saplings of suitable species by the lessee as per EMP submitted.



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(xxviii) The project cost of the entire cluster is estimated to be Rs. 2.0 Crores and there is a budgetary provision of Rs.9.40 lakhs as capital cost and Rs.4.54 Lakhs as recurring cost towards environmental protection measures. The PP has estimated a budget of Rs.0.5 lakhs on CER.

(xxix) 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

(xxx) Any deficiencies/omission have been noticed in the above documents- The NABET Consultant shall submit individual EC applications of Basulei stone quarry 1,2,3,4,5 as per the recommendation of SEAC. The Form-1,PFR,EMP submitted is for cluster and in some cases for individual lease. Hence, all documents is required to be submitted again as per the recommendation of SEAC. The EMP shall include EMP cost, plantation data, public hearing compliance budget.

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 02.11.2021 and the SEAC approved the EIA/EMP report in cluster approach and recommended the following:

- i) The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Basupali Stone Quarry (1,2,3,4,5) in cluster without referring to SEAC with specific conditions as per **Annexure**, after receipt of individual applications from the lessee in cluster along with following documents.
- ii) Filled in form-I of individual lease
- iii) Prefeasibility report of individual lease
- iv) EMP of individual lease.
- v) Approved Mining Plan of individual lease
- 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 ~~deferred~~ **the proposal** and ask the PP/Tahasildar to submit individual applications from the lessee in cluster along with following documents:

- i) Correct Filled in form-I of individual lease
- ii) Revised Prefeasibility report of individual lease
- iii) Revised EMP of individual lease. The EMP shall include EMP cost, plantation data, public hearing compliance budget.
- iv) Approved Mining Plan of individual lease
- v) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
- vi) An Undertaking by the lessee not to use wagon drilling blasting to be submitted.
- vii) 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.
- viii) An undertaking to obtain NOC from CGWA and permission from WR department, Govt. Of Odisha for use of ground water.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


17.12.2022
Chairman, SEIAA



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AGENDA NO.102.12	
Proposal No.	SIA/OR/MIN/64155/2021
Date of application	19.07.2022
File No.	64155/271-MINB1/07-2022
Project Type	Fresh EC
Category	B2(Individual Lease area), B1(Cluster Lease area)
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal of EC of Basupali Stone Quarry -1 Over an area of 4.40Acres or 1.78 Ha. Having Khata No. 14 Plot No.79, in Village- Basupali, Tahasil-Balangir, District-Balangir submitted Under Cluster approach having total cluster area- 9.67 Ha, consisting of 5 individual mines)
Name of the company/Organization	Tahasildar, Balangir
Location of Project	Odisha
Name of the NABET Consultancy	M/s. Green Circle INC, Vadodara

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 Basupali Stone Quarry Cluster consisting of 5 Nos. of Quarries in cluster i,e Basupali Stone Quarry-1,2,3,4,5 located in village-Basupali,Tahasil-Balangir, District-Balangir. The total area under cluster is 23.90 Acres or 9.67Ha and the EC application status of mines are as follows.
Status of Quarries- Quarry No-1,2,3,4,5- Applied for EC
- (ii) The present proposal is for EC of Basupali Stone Quarry - 1 over an area of 4.40 Acres or 1.78ha submitted under cluster approach bearing Khata No-14 Plot No -101 and is located in Village-Basupali, tahasil-Balangir, District-Balangir of Tahasildar,Balangir.
- (iii) The mining area is a part of Survey of India Toposheet No. F44X6 bounded by Latitude: 20°37'28.5" N to 20°37'35.0" N, and Longitude 83°26'54.5" E to 83°27'03.2" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Basupali Stone Quarry-1 sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Balangir 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 5Nos. of mines located within 500 meters and forms a single cluster of 23.90Acres or 9.67Ha. 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.
- (vi) Location and Connectivity: The Basupali stone quarry cluster is located at Village-Basupali, Tahasil-Balangir, District - Balangir, Odisha. The geo coordinates of the cluster are Latitude: 20°37'23.5" N to 20°37'35.5" N, and Longitude: 83° 26'48.3" E to E83° 27'03.4" E. The area falls in Survey of India Topo sheet No. F44X6. The lease area is located at a distance of 10 km from Tahasil Bolangir. Village Basupali is at a distance of 1.2 km from the mining area. District Bolangir is at a di stance of 10 km. Bolangir is the nearest place from the lease area for all infrastructure facilities like hospital, school, bus service, market. The east coast railway line is at a distance 0.6 kms from the lease area. NH-201 is at a distance of 1.7 km and SH-42 is at a distance of 9.5 km from the lease area. The project proponant has submitted that there is no national park, wild life sanctuary, eco sensitive areas,etc situated within 10 Kms radius of the lease area.
- (vii) The Terms of Reference (TOR) was granted by SEIAA vide letter no 1805/SEIAA, dated 26.07.2021 for Basupali Stone Quarry Cluster for undertaking detailed EIA studies.



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- (viii) The baseline data has been collected from March'2021 to May'2021 (Summer season) for the cluster project.
- (ix) The public hearing was conducted on 04.03.2022 at 11.00A.M at Basupali School, Balangir district. The major issues raised during public hearing were on suppression of dust pollution by water sprinkling arrangement, air pollution, dust suppression measures, plantation, etc.
- (x) The project proponent along with the consultant M/s Green Circle INC, Vadodara made a detailed presentation on the cluster proposal on 16.08.2022.
- (xi) The project proponent has submitted Additional documents/information to SEAC on the project on 11.10.2022.
- (xii) The SEAC have appraised the proposal for approval of EIA/EMP in its meeting dated 02.11.2022 and the SEAC approved the EIA/EMP report in cluster approach and have recommended the following:
The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Basupali Stone Quarry (1,2,3,4,5) in cluster without referring to SEAC with specific conditions as per Annexure after receipt of individual applications from the lessee in cluster along with following documents.
- Filled in form-I of individual lease
 - Prefeasibility report of individual lease
 - EMP of individual lease.
 - Approved Mining Plan of individual lease
 - DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
 - 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.
 - 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.
 - 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.
 - 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.
- (xiii) The project proponent has already submitted the individual Form-1, PFR, EMP, Approved mining plan, DLC certificate from Tahasildar, checklist along with the cluster EIA/EMP report.
- (xiv) Whether submitted KML file of the lease area-Yes
- (xv) Whether submitted scrutiny fee- NA
- (xvi) Distance from nearest sanctuary/ESZ- Karlapat WLS-114 Km
- (xvii) Whether the lease area coming in DLC report-No, It has been clarified by Tahasildar on 04.06.2021.
- (xviii) Method of mining-Semi-Mechanized with blasting
- (xix) Distance from nearest road bridge-5.0 km, village road-1.5 km
- (xx) Earlier EC Granted- Yes, EC compliance report submitted
- (xxi) Competent Authority & Date of approval of mining plan of basupali stone quarry cluster- Joint Director of Geology, Zonal Survey, Balangir on 16.04.2021. For Quarry-1-11.05.2020
- (xxii) Production capacity per annum from cluster-22476cum/annum (max. avg.rate), total production in 5 years period-112166 cum, Geological reserve-1607944.5 cum and Mineable reserve- 783593.1 cum.
- (xxiii) Production capacity per annum from quarry-1-4095cum/annum (max.), 1st year-4050cum, 2nd year-4095 cum, total production in 5 years period-20295 cum, Geological reserve-361224 cum and Mineable reserve- 151669.8 cum
- (xxiv) Water Requirement: – The total water requirement for the cluster will be 10.0 KLD for different purposes like Domestic, Dust suppression, plantation purposes. Source: Nearby village with the help of tankers.
- (xxv) Power Requirement: - No use of electric power as the operation will be done in the day time. DG set will be used as source of power.
- (xxvi) Employment Potential - A total of 50 nos. of workers are to be employed during mining operation in the cluster. For this quarry 14nos. of manpower will be employed.
- (xxvii) Green Belt Development: Greenbelt plantation will be done by planting 1320 nos. saplings of suitable species by the lessee as per EMP submitted.



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- (xxviii) The project cost of the entire cluster is estimated to be Rs. 2.0 Crores and there is a budgetary provision of Rs.9.40 lakhs as capital cost and Rs.4.54 Lakhs as recurring cost towards environmental protection measures. The PP has estimated a budget of Rs.0.5 lakhs on CER.
- (xxix) 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
- (xxx) Any deficiencies/omission have been noticed in the above documents- The NABET Consultant shall submit individual EC applications of Basulei stone quarry 1,2,3,4,5 as per the recommendation of SEAC. The Form-1, PFR, EMP submitted is for cluster and in some case for individual lease. Hence, all documents is required to be submitted again as per the recommendation of SEAC. The EMP shall include EMP cost, plantation data, public hearing compliance budget.

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 02.11.2021 and the SEAC approved the EIA/EMP report in cluster approach and recommended the following:

- i) The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Basupali Stone Quarry (1,2,3,4,5) in cluster without referring to SEAC with specific conditions as per **Annexure**, after receipt of individual applications from the lessee in cluster along with following documents.
- ii) Filled in form-I of individual lease
- iii) Prefeasibility report of individual lease
- iv) EMP of individual lease.
- v) Approved Mining Plan of individual lease
- 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 ~~deferred~~ **the proposal** and ask the PP/Tahasildar to submit individual applications from the lessee in cluster along with following documents:

- i) Correct Filled in form-I of individual lease
- ii) Revised Prefeasibility report of individual lease
- iii) Revised EMP of individual lease. The EMP shall include EMP cost, plantation data, public hearing compliance budget.
- iv) Approved Mining Plan of individual lease
- v) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
- vi) An Undertaking by the lessee not to use wagon drilling blasting to be submitted.
- vii) 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.
- viii) An undertaking to obtain NOC from CGWA and permission from WR department, Govt. Of Odisha for use of ground water.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



AGENDA NO.102.13	
Proposal No.	SIA/OR/MIN/64155/2021
Date of application	19.07.2022
File No.	64155/272-MINB1/07-2022
Project Type	Fresh EC
Category	B2(Individual Lease area),B1(Cluster Lease area)
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal of EC of Basupali Stone Quarry -3 Over an area of 5.00Acres or 2.023 Ha. Having Khata No. 14 Plot No.79, in Village-Basupali,Tahasil- Balangir,District-Balangir submitted Under Cluster approach having total cluster area- 9.67 Ha, consisting of 5 individual mines)
Name of the company/Organization	Tahasildar, Balangir
Location of Project	Odisha
Name of the NABET Consultancy	M/s. Green Circle INC, Vadodara

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 Basupali Stone Quarry Cluster consisting of 5 Nos. of Quarries in cluster i.e Basupali Stone Quarry-1,2,3,4,5 located in village-Basupali,Tahasil-Balangir, District-Balangir. The total area under cluster is 23.90 Acres or 9.67Ha and the EC application status of mines are as follows.
Status of Quarries- Quarry No-1,2,3,4,5- Applied for EC
- (ii) The present proposal is for EC of Basupali Stone Quarry - 3 over an area of 5.00 Acres or 2.023ha submitted under cluster approach bearing Khata No-14 Plot No -79 and is located in Village-Basupali, tahasil-Balangir, District-Balangir of Tahasildar,Balangir.
- (iii) The mining area is a part of Survey of India Toposheet No. F44X6 bounded by Latitude: 20°37'24.3" N to 20°37'32.0" N, and Longitude 83°26'49.0" E to 83°27'01.2" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Basupali Stone Quarry-3 sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Balangir 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 5Nos. of mines located within 500 meters and forms a single cluster of 23.90Acres or 9.67Ha. 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.
- (vi) Location and Connectivity: The Basupali stone quarry cluster is located at Village-Basupali, Tahasil-Balangir, District - Balangir, Odisha. The geo coordinates of the cluster are Latitude: 20°37'23.5" N to 20°37'35.5" N, and Longitude: 83° 26'48.3" E to E83° 27'03.4" E. The area falls in Survey of India Topo sheet No. F44X6. The lease area is located at a distance of 10 km from Tahasil Bolangir. Village Basupali is at a distance of 1.2 km from the mining area. District Bolangir is at a di stance of 10 km. Bolangir is the nearest place from the lease area for all infrastructure facilities like hospital, school, bus service, market. The east coast railway line is at a distance 0.6 kms from the lease area. NH-201 is at a distance of 1.7 km and SH-42 is at a distance of 9.5 km from the lease area. The project proponent has submitted that there is no national park, wild life sanctuary, eco sensitive areas,etc situated within 10 Kms radius of the lease area.
- (vii) The Terms of Reference (TOR) was granted by SEIAA vide letter no 1805/SEIAA, dated 26.07.2021 for Basupali Stone Quarry Cluster for undertaking detailed EIA studies.



- (viii) The baseline data has been collected from March'2021 to May'2021 (Summer season) for the cluster project.
- (ix) The public hearing was conducted on 04.03.2022 at 11.00A.M at Basupali School, Balangir district. The major issues raised during public hearing were on suppression of dust pollution by water sprinkling arrangement, air pollution, dust suppression measures, plantation, etc.
- (x) The project proponent along with the consultant M/s Green Circle INC, Vadodara made a detailed presentation on the cluster proposal on 16.08.2022.
- (xi) The project proponent has submitted Additional documents/information to SEAC on the project on 11.10.2022.
- (xii) The SEAC have appraised the proposal for approval of EIA/EMP in its meeting dated 02.11.2022 and the SEAC approved the EIA/EMP report in cluster approach and have recommended the following:
 The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Basupali Stone Quarry (1,2,3,4,5) in cluster without referring to SEAC with specific conditions as per Annexure after receipt of individual applications from the lessee in cluster along with following documents.
- Filled in form-I of individual lease
 - Prefeasibility report of individual lease
 - EMP of individual lease.
 - Approved Mining Plan of individual lease
 - DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
 - 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.
 - 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.
 - 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.
 - 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.
- (xiii) The project proponent has already submitted the individual Form-1, PFR,EMP, Approved mining plan, DLC certificate from Tahasildar, checklist along with the cluster EIA/EMP report.
- (xiv) Whether submitted KML file of the lease area-Yes
- (xv) Whether submitted scrutiny fee- NA
- (xvi) Distance from nearest sanctuary/ESZ- Karlapat WLS-114 Km
- (xvii) Whether the lease area coming in DLC report-No, It has been clarified by Tahasildar on 04.06.2021.
- (xviii) Method of mining-Semi-Mechanized with blasting
- (xix) Distance from nearest road bridge-5.0 km, village road-1.5 km
- (xx) Earlier EC Granted- Yes, EC compliance report submitted
- (xxi) Competent Authority & Date of approval of mining plan of basupali stone quarry cluster- Joint Director of Geology, Zonal Survey, Balangir on 16.04.2021. For Quarry-3-11.05.2020
- (xxii) Production capacity per annum from cluster-22476cum/annum (max. avg.rate), total production in 5 years period-112166 cum, Geological reserve-1607944.5 cum and Mineable reserve- 783593.1 cum.
- (xxiii) Production capacity per annum from quarry-3-4063.5cum/annum (max.),1st year-4032cum,2nd year-4000.5cum, total production in 5 years period-20128.5 cum, Geological reserve-286506 cum and Mineable reserve- 127944 cum
- (xxiv) Water Requirement: – The total water requirement for the cluster will be 10.0 KLD for different purposes like Domestic, Dust suppression, plantation purposes. Source: Nearby village with the help of tankers.
- (xxv) Power Requirement: - No use of electric power as the operation will be done in the day time. DG set will be used as source of power.
- (xxvi) Employment Potential - A total of 50 nos. of workers are to be employed during mining operation in the cluster. For this quarry 14nos. of manpower will be employed.
- (xxvii) Green Belt Development: Greenbelt plantation will be done by planting 1320 nos. saplings of suitable species by the lessee as per EMP submitted.

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(xxviii) The project cost of the entire cluster is estimated to be Rs. 2.0 Crores and there is a budgetary provision of Rs.9.40 lakhs as capital cost and Rs.4.54 Lakhs as recurring cost towards environmental protection measures. The PP has estimated a budget of Rs.0.5 lakhs on CER.

(xxix) 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

(xxx) Any deficiencies/omission have been noticed in the above documents- The NABET Consultant shall submit individual EC applications of Basulei stone quarry 1,2,3,4,5 as per the recommendation of SEAC. The Form-1, PFR, EMP submitted is for cluster and in some cases for individual lease. Hence, all documents is required to be submitted again as per the recommendation of SEAC. The EMP shall include EMP cost, plantation data, public hearing compliance budget.

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 02.11.2021 and the SEAC approved the EIA/EMP report in cluster approach and recommended the following:

- i) The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Basupali Stone Quarry (1,2,3,4,5) in cluster without referring to SEAC with specific conditions as per **Annexure**, after receipt of individual applications from the lessee in cluster along with following documents.
- ii) Filled in form-I of individual lease
- iii) Prefeasibility report of individual lease
- iv) EMP of individual lease.
- v) Approved Mining Plan of individual lease
- 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 deferred the proposal** and ask the PP/Tahasildar to submit individual applications from the lessee in cluster along with following documents:

- i) Correct Filled in form-I of individual lease
- ii) Revised Prefeasibility report of individual lease
- iii) Revised EMP of individual lease.
- iv) Approved Mining Plan of individual lease
- v) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
- vi) An Undertaking by the lessee not to use wagon drilling blasting to be submitted.
- vii) 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.
- viii) An undertaking to obtain NOC from CGWA and permission from WR department, Govt. Of Odisha for use of ground water.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.102.14	
Proposal No.	SIA/OR/MIN/64155/2021
Date of application	19.07.2022
File No.	64155/270-MINB1/07-2022
Project Type	Fresh EC
Category	B2(Individual Lease area),B1(Cluster Lease area)
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal of EC of Basupali Stone Quarry -4 Over an area of 5.00Acres or 2.023 Ha. Having Khata No. 14 Plot No.79, in Village-Basupali,Tahasil- Balangir,District-Balangir submitted Under Cluster approach having total cluster area- 9.67 Ha, consisting of 5 individual mines)
Name of the company/Organization	Tahasildar, Balangir
Location of Project	Odisha
Name of the NABET Consultancy	M/s. Green Circle INC, Vadodara

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 Basupali Stone Quarry Cluster consisting of 5 Nos. of Quarries in cluster i.e Basupali Stone Quarry-1,2,3,4,5 located in village-Basupali,Tahasil-Balangir, District-Balangir. The total area under cluster is 23.90 Acres or 9.67Ha and the EC application status of mines are as follows.
Status of Quarries- Quarry No-1,2,3,4,5- Applied for EC
- (ii) The present proposal is for EC of Basupali Stone Quarry - 4 over an area of 5.00 Acres or 2.023ha submitted under cluster approach bearing Khata No-14 Plot No -79 and is located in Village-Basupali, tahasil-Balangir, District-Balangir of Tahasildar,Balangir.
- (iii) The mining area is a part of Survey of India Toposheet No. F44X6 bounded by Latitude: 20°37'23.5" N to 20°37'30.3" N, and Longitude 83°26'48.3" E to 83°26'59.6" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Basupali Stone Quarry-4 sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Balangir 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 5Nos. of mines located within 500 meters and forms a single cluster of 23.90Acres or 9.67Ha. 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.
- (vi) Location and Connectivity: The Basupali stone quarry cluster is located at Village-Basupali, Tahasil-Balangir, District - Balangir, Odisha. The geo coordinates of the cluster are Latitude: 20°37'23.5" N to 20°37'35.5" N, and Longitude: 83° 26'48.3" E to E83° 27'03.4" E. The area falls in Survey of India Topo sheet No. F44X6. The lease area is located at a distance of 10 km from Tahasil Bolangir. Village Basupali is at a distance of 1.2 km from the mining area. District Bolangir is at a di stance of 10 km. Bolangir is the nearest place from the lease area for all infrastructure facilities like hospital, school, bus service, market. The east coast railway line is at a distance 0.6 kms from the lease area. NH-201 is at a distance of 1.7 km and SH-42 is at a distance of 9.5 km from the lease area. The project proponent has submitted that there is no national park, wild life sanctuary, eco sensitive areas,etc situated within 10 Kms radius of the lease area.
- (vii) The Terms of Reference (TOR) was granted by SEIAA vide letter no 1805/SEIAA, dated 26.07.2021 for Basupali Stone Quarry Cluster for undertaking detailed EIA studies.



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- (viii) The baseline data has been collected from March'2021 to May'2021 (Summer season) for the cluster project.
- (ix) The public hearing was conducted on 04.03.2022 at 11.00A.M at Basupali School, Balangir district. The major issues raised during public hearing were on suppression of dust pollution by water sprinkling arrangement, air pollution, dust suppression measures, plantation, etc.
- (x) The project proponent along with the consultant M/s Green Circle INC, Vadodara made a detailed presentation on the cluster proposal on 16.08.2022.
- (xi) The project proponent has submitted Additional documents/information to SEAC on the project on 11.10.2022.
- (xii) The SEAC have appraised the proposal for approval of EIA/EMP in its meeting dated 02.11.2022 and the SEAC approved the EIA/EMP report in cluster approach and have recommended the following:
The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Basupali Stone Quarry (1,2,3,4,5) in cluster without referring to SEAC with specific conditions as per Annexure after receipt of individual applications from the lessee in cluster along with following documents.
- Filled in form-I of individual lease
 - Prefeasibility report of individual lease
 - EMP of individual lease.
 - Approved Mining Plan of individual lease
 - DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
 - 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.
 - 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.
 - 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.
 - 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.
- (xiii) The project proponent has already submitted the individual Form-1, PFR,EMP, Approved mining plan, DLC certificate from Tahasildar, checklist along with the cluster EIA/EMP report.
- (xiv) Whether submitted KML file of the lease area-Yes
- (xv) Whether submitted scrutiny fee- NA
- (xvi) Distance from nearest sanctuary/ESZ- Karlapat WLS-114 Km
- (xvii) Whether the lease area coming in DLC report-No, It has been clarified by Tahasildar on 04.06.2021.
- (xviii) Method of mining-Semi-Mechanized with blasting
- (xix) Distance from nearest road bridge-5.0 km, village road-1.5 km
- (xx) Earlier EC Granted- Yes, EC compliance report submitted
- (xxi) Competent Authority & Date of approval of mining plan of basupali stone quarry cluster- Joint Director of Geology, Zonal Survey, Balangir on 16.04.2021. For Quarry-4-26.05.2022
- (xxii) Production capacity per annum from cluster-22476cum/annum (max. avg.rate), total production in 5 years period-112166 cum, Geological reserve-1607944.5 cum and Mineable reserve- 783593.1 cum.
- (xxiii) Production capacity per annum from quarry-4-5000cum/annum (max.),1st year-5000cum,2nd year-5000cum,total production in 5 years period-25000 cum, Geological reserve-288436.5 cum and Mineable reserve- 116424 cum
- (xxiv) Water Requirement: – The total water requirement for the cluster will be 10.0 KLD for different purposes like Domestic, Dust suppression, plantation purposes. Source: Nearby village with the help of tankers.
- (xxv) Power Requirement: - No use of electric power as the operation will be done in the day time. DG set will be used as source of power.
- (xxvi) Employment Potential - A total of 50 nos. of workers are to be employed during mining operation in the cluster. For this quarry 14nos. of manpower will be employed.
- (xxvii) Green Belt Development: Greenbelt plantation will be done by planting 1320 nos. saplings of suitable species by the lessee as per EMP submitted.



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(xxviii) The project cost of the entire cluster is estimated to be Rs. 2.0 Crores and there is a budgetary provision of Rs.9.40 lakhs as capital cost and Rs.4.54 Lakhs as recurring cost towards environmental protection measures. The PP has estimated a budget of Rs.0.5 lakhs on CER.

(xxix) 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

(xxx) Any deficiencies/omission have been noticed in the above documents- The NABET Consultant shall submit individual EC applications of Basulei stone quarry 1,2,3,4,5 as per the recommendation of SEAC. The Form-1, PFR, EMP submitted is for cluster and in some cases for individual lease. Hence, all documents is required to be submitted again as per the recommendation of SEAC. The EMP shall include EMP cost, plantation data, public hearing compliance budget.

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 02.11.2021 and the SEAC approved the EIA/EMP report in cluster approach and recommended the following:

- i) The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Basupali Stone Quarry (1,2,3,4,5) in cluster without referring to SEAC with specific conditions as per **Annexure**, after receipt of individual applications from the lessee in cluster along with following documents.
- ii) Filled in form-I of individual lease
- iii) Prefeasibility report of individual lease
- iv) EMP of individual lease.
- v) Approved Mining Plan of individual lease
- 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 ~~deferred~~ **the proposal** and ask the PP/Tahasildar to submit individual applications from the lessee in cluster along with following documents:

- i) Correct Filled in form-I of individual lease
- ii) Revised Prefeasibility report of individual lease
- iii) Revised EMP of individual lease. The EMP shall include EMP cost, plantation data, public hearing compliance budget.
- iv) Approved Mining Plan of individual lease
- v) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
- vi) An Undertaking by the lessee not to use wagon drilling blasting to be submitted.
- vii) 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.
- viii) An undertaking to obtain NOC from CGWA and permission from WR department, Govt. Of Odisha for use of ground water.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA